A dynamic mechanistic analysis of the thermal interaction between a broiler chicken and its surrounding environment

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Oscar Adrián Blanco	Prof. Rob Gous (Supervisor)

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DECLARATION 2 - PUBLICATIONS

Details of contribution to publications that form part and/or include research presented in this thesis.

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Oscar Adrián Blanco

Prof. Rob Gous
(Supervisor)

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Ad Maiorem Dei Gloriam

Foreword

Sometime ago, reading about the life of Richard Strauss, I came across the German concept of *Bildung*, an ideal for which the composer has strived during his artistic career. The expression has not a specific translation into English, perhaps due to its ever-changing meaning throughout the years. In more contemporary terms, it can be related to a "holistic" development of an individual, considering every aspect of its persona.

Bildung is related to the way in which the individual models himself in response to social, cultural and educational stimuli. It is a personal, interior journey and, as such, it resists external assessment. Some of its signs can be measured, but such determinations will be affected by the assessor's own *bildung*.

I like the comparison that von Hoffmansthal, Strauss friend and co-worker (cited by Gilliam, 2003), made between *bildung* and the process of sculpting a figure that was already hidden in a block of marble. This comparison is closely associated to the original idea of *bildung*, whose objective was to discover and develop the talents infused by God at the moment of birth.

The past eight years were just about intensive *bildung*, resulting in the person I am today. The document you have in your hands is just a sign, a sample of what I have achieved. Whoever reads it may be able to emit judgement on my academic achievements, but unfortunately he/she will be unable to appreciate the complete impact of this 8-years journey.

The progression of this project was challenging and full of excitement for the discovery of new possible ways to solve a problem. It was a succession of bouts of true rapture, often (too often for my fancy) followed by freefalls into deception. Perhaps, the most valuable point of this whole process has been to learn how to pick up the pieces after a

disaster and start looking for new alternatives once again. God knows how much I learnt about my limitations and how surprised I was about some of my capabilities, although the final balance is a humble acknowledgment of my weaknesses and imperfections.

During this time I discovered how marvellous is to make a living of my own ideas[1]. My brain used to generate for me a couple every once a while, preferably during my early morning showers (or in many other odd places or situation of this kind). There were seasons in which my brain used to, literally, bombard me with new ideas at a rate almost too fast for me to assimilate them. Rob may remember how in those days he, with elegant diplomacy, tried to return me to the original path from which I had blindly diverted. There were, of course, times of intellectual aridity. Rob may recall not having seen me during those days... I wish it was possible to train a mind suffering of random behaviour!

Many people have been important during this time of *bildung*, including detractors and foes, which I also managed to harvest. As it is customary in these situations, I will dedicate some lines of these forewords to the former ones. To latter ones, I think this testimony of my *bildung* will be more than enough...

During this time, I have been guided by, perhaps, one of the most capable men I've ever come across. Whoever knows Rob is aware of his amazing ability of foreseeing new research needs and opening new pathways in pursue of those objectives. Although he's been around for a while (sorry!), his mind is as open as ever to new ideas and concepts. I have been extremely blessed with his acquaintance and direction. I know that four

[1] *Very tight lifestyle, I must say, but very fulfilling and exciting indeed! As Mozart said "molto honor, poco contante!" ("to much honour, too little money!")*

sentences of praise are just too much for him to handle. But considering that ingratitude has repeatedly slapped him in the face for the last couple of years, I have the need to leave in writing the three following statements that gives a rough idea of who this gentleman is.

Rob Gous conceived this project long before I arrived. When it was assigned to me, I was given complete freedom to explore every single reasonable thought that came to my mind. In fact, he acceded to completely change the scope of this project just to give way to my enthusiasm and my ideas, even though that meant renouncing to part of his original objectives. I am completely grateful for that, indeed.

I should also thank Rob for the invaluable discussions we had during this time. Although sporadic due to my self-driving approach and my (sometimes) slow progress, they have been most enlightening. It was comforting to know that in Room 128 I could always find not only food for thoughts, but also a friend ready to listen to my sorrows or to give me some life advice.

Finally, I should thank him for being friend, father, family, psychologist, loan-man and tour-guide to many of his international students. I remember with a smile those long bird watching walks in the Berg, the game excursions to Hluhlue and the great meals with which Heather received us in their place every once a while.

Bildung implied for me leaving my house, my town, my country (*"Ebben! N'andro lontana/come va l'eco della pia campana (...)*[2]*")*. Although I am definitely settled in South Africa, Argentina will always be my place. Whoever experienced expatriation, even by *motu proprio*, knows that having feelings scattered around the world is undeniably

[2] *"So, I will go far away, like the echo of the church holy bell (...)"Catalani(1892) La Wally (Act 1).*

linked to nostalgia. But, at the same time, I would not be who I am if I hadn't emigrated 8 years ago. I am, in a way, a product of nostalgia.

Therefore, I would like to thank my parents, Ladislao and Nilda, who have prioritised the education of their two sons since I have memory. They have willingly accepted my decision of emigrating, even though that meant seeing me only once a year. I am eternally grateful to them for understanding me and for believing in me!

I also want to thank my friends in Argentina and all around the world (who have condemned me to an eternal nostalgia) for their support, their e-mails and the time shared whenever we get to meet! (*Ah! Mes amis, quel jour de fete!*[3])

As I said previously, during this time in South Africa I have enjoyed the company of many friends, to whom I would like to thank as well.

First of all, to the lady responsible for me being here, Dr. Mariana Ciacciariello. Thank you for all the moments (happy ones and tough ones) we shared during all this years.

Thanks also to the lady of room 132, my FRIEND Debbie Davies, who has always being there for me, even in the worst moments.

To my other friends (too many to number), get ready to celebrate!

Finally, to the Animal Science family (current and past) that still makes this Discipline a great place to be in. Thank you for Friday's tea, for the laughs and for the *edifying* gossip!

[3] *"Ah, my friends, what a day for celebrating!"Donizetti (1840) La fille du Regiment (Act I)*

This last section is dedicated to the woman who has given me her heart two years ago: my wife Rowena. This is the fulfilment of a dream that started in March eight years ago. Not even in my wildest fantasies I imagined that I will be shearing this moment, probably one of the happiest of my life, with you.

"*Che faro senza Euridice?*"[4], what would have been able to do without you? Perhaps you don't realise how much you have done with a smile at the right moment, or by just listening to my ideas in our trips back to Richmond. You gave me the strength and the support I needed, even by just been part of my life.

I know my work has stolen some family quality time from us, and I really appreciate your patience and understanding. But now that this *affair* with my thesis is over, we can start to fully enjoy our weekends together!

[4] *"What will I do without Euridice?"Gluck (1762) Orpheo ed Euridice (Act 1).*

Abstract

Chickens, being open thermodynamic systems, maintain a constant exchange of energy and matter with their surrounding environment. In order to avoid reaching thermodynamic equilibrium with the environment the bird makes use of homeostatic mechanisms. These ensure the reduction of the entropy of the system to values that guarantee its *integrality*.

The thermoregulatory response is a major component of the homeostatic machinery of living systems. This induces modifications of physiological parameters of the bird, taking the system "bird" to a new steady state. The achievement of this new state is possible only if the thermoregulatory mechanisms of the birds are able to counteract the environmental demand/burden. A successful thermoregulatory response depends not only on the achievement of that steady state, but also on the compatibility of the value of those parameters with life (especially regarding the value achieved by body temperature) as well as on the time of exposure to the environmental perturbation.

Based on those premises, this thesis presents a mechanistic analysis of the thermal interaction between a broiler and its surroundings. The first section of the document introduces the reader to the general concepts of thermodynamics of living systems and physics of heat exchange. The second use mechanistic simulation techniques to represent the environment, the thermal and thermoregulatory properties of a broiler chicken and the interaction between bird and environment. Finally, the third section describes a conceptual simulation model able to predict, over a given period of time, the response of a bird to environmental conditions above those associated with least thermoregulatory effort. Various simulation exercises are reported, the objectives being to study the behaviour of certain variables and to question the validity of current theories of thermoregulation in environmental physiology.

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List of symbols and abbreviations

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
A	Surface area		m^2
a	Coefficient of thermal expansion of the air		$°C^{-1}$
AVA	Arterio-venous anastomosis		
BL	Boundary layer		
BOT	Biological optimum temperature		°C
c	Specific heat		$J\ kg^{-1}\ K^{-1}$
C	Heat transfer by convection		$W\ m^{-2}$
$\mathcal{C}$	Themogenic core of the chicken		
c_p	Specific heat of air at constant pressure	1.005	$kJ\ kg^{-1}\ K^{-1}$
c_p	Specific heat of air (molar form) (Campbell & Norman, 1998)	29.3	$J\ mol^{-1}$
C_{v_a}	Concentration of water vapour in air		$mol\ mol^{-1}$
C_{v_s}	Concentration of water vapour on evaporating surface		$mol\ mol^{-1}$
d	Characteristic dimension of a body		m
DH	Thermal diffusivity of air		$m^2\ s^{-1}$
DI	Discomfort index		°C
DI_u	Discomfort index corrected for effect of air speed		°C
D_j	Diffusivity of substance j in a given medium		$m^2\ s^{-1}$

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
$DRBF$	Differential redistribution of blood flow		°C
D_v	Diffusivity of water vapour		$m^2\ s^{-1}$
e	Euler's Number	2.71	Dimensionless
e	Vapour pressure		kPa
E'	Water evaporation rate (molar form) (Campbell and Norman, 1998)		$mol\ m^{-2}\ s^{-1}$
e_a	Vapour pressure in air		kPa
$\overline{e_b}$	Average vapour pressure at the body surface		kPa
e_c	Vapour pressure at the surface of the feather coat		kPa
e_f	Vapour pressure at the surface of the feathered areas		kPa
e_r	Vapour pressure of the surface of the mucous membrane of the upper respiratory tract		kPa
e_s	Vapour pressure at the surface of evaporating body/at skin surface		kPa
$\overline{e_s}$	Average vapour pressure at evaporating surface		kPa
$\overline{e_{s_b}}$	Average vapour pressure at the surface of interface I_b		kPa
e_{s_f}	Vapour pressure at the skin surface of the feathered areas		kPa
e_{s_n}	Vapour pressure at the skin surface of the bare appendages		kPa
f	Feather coat		
F_j	Molar flux of a substance		$mol\ m^{-2}\ s^{-1}$

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
F_j	Flux density of substance j		kg m^{-2} s^{-1}
g	Thermal conductance		mol m^{-2} s^{-1}
G	Rate of heat transfer by conduction		W m^{-2}
$\mathcal{g}$	Gravitational constant	9.8	m s^{-2}
g_H	Conductance of boundary layer (Campbell & Norman, 1998)		mol m^{-2} s^{-1}
G_{in}	Heat gain by conduction		W m^{-2}
G_{out}	Heat loss by conduction		W m^{-2}
Gr	Grashof number		Dimensionless
$\mathcal{H}$	Heat flow		W m^{-2}
H	Sensible heat transfer		W m^{-2}
H_{a_f}	Sensible heat transfer through the boundary layer of the feathered areas		W m^{-2}
H_{a_n}	Sensible heat transfer through the boundary layer of the bare appendages		W m^{-2}
H_b	Sensible heat transfer from the bare appendages		W m^{-2}
H_c	Sensible heat transfer through the feather coat		W m^{-2}
h_{CR}	Heat transfer coefficient for convective and radiant heat exchange		W m^{-2} °C^{-1}
h_E	Heat transfer coefficient for evaporative heat loss		W m^{-2} °C^{-1}
HE	Heat excess		W m^{-2}
H_f	Sensible heat transfer from the feathered areas (I_{b_f})		W m^{-2}

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
H_{m_r}	Sensible heat transfer through the mucosa of the upper respiratory tract		W m-2
H_r	Sensible heat transfer through the boundary layer of the upper respiratory tract		W m^{-2}
H_{s_f}	Sensible heat transfer through the skin of the feathered areas		W m^{-2}
H_{s_n}	Sensible heat transfer through the skin of the bare appendages		W m^{-2}
I	Radiation intensity		W m^{-2}
I_b	Interface body surface-air		
I_{b_f}	Interface surface of the feathered areas - air		
I_{b_n}	Interface surface of the bare appendages - air		
I_r	Interface surface of mucous membrane of upper respiratory tract - circulating air		
κ	Coefficient of thermal conductivity		W m^{-1} K^{-1}
κ_a	Coefficient of thermal conductivity of the air		W m^{-1} K^{-1}
K	Wind chill factor (Siple & Passel, 1941)		°C
L	Long wave radiation		W m^{-2}
l	Length		m
LCT	Lower critical temperature of TCZ		°C
LTE	Least thermoregulatory effort		
M	Metabolic rate		W m^{-2}

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
M_j	Molar mass of j		g mol^{-1}
n	Number of moles of gas		mol
Nu	Nusselt number		Dimensionless
P	Pressure		kPa
Pa	Atmospheric pressure		kPa
PA	Physical activity		
Pr	Prandtl number		Dimensionless
r	Thermal resistance		s m^{-1}
$\mathcal{R}$	Constant of gases	8.3	J K^{-1} mol^{-1}
R	Radiant heat transfer		W m^{-2}
r_a	Thermal resistance to convective heat transfer through the boundary layer (McArthur, 1987)		s m^{-1}
r_b	Thermal resistance of interface I_b to sensible heat transfer		s m^{-1}
r_c	Thermal resistance of the feather coat to sensible heat transfer		s m^{-1}
Re	Reynolds number		Dimensionless
r_f	Thermal resistance of the feathered areas (I_{b_f}) to sensible heat transfer		s m^{-1}
r_H	Thermal resistance of the boundary layer to convective heat transfer		s m^{-1}
RH	Relative Humidity		%

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
r_{HR}	Thermal resistance of the boundary layer to convective and radiant heat transfer		s m^{-1}
r_{HR_f}	Thermal resistance of the boundary layer of the feathered areas to convective and radiant heat transfer		s m^{-1}
r_{HR_n}	Thermal resistance of the boundary layer of the bare appendages to convective and radiant heat loss		s m^{-1}
r_{HR_r}	Thermal resistance of the boundary layer of the upper respiratory tract to convective and radiant heat transfer		s m^{-1}
R_{in}	Heat gain by radiation		W m^{-2}
r_{m_r}	Thermal resistance of the mucous membrane of the upper respiratory tract to sensible heat transfer		s m^{-1}
RMR	Resting metabolic rate		W m^{-2}
$r_{n^{th}}$	Thermal resistance of the nth element of a parallel or serial arrangement of resistances		s m^{-1}
r_n	Thermal resistance of the bare appendages (I_{b_n}) to sensible heat transfer		s m^{-1}
R_{ni}	Isothermal net radiation		W m^{-2}
R_{out}	Heat loss by radiation		W m^{-2}
r_R	Thermal resistance of the boundary layer to radiant heat transfer		s m^{-1}
RR	Respiratory rate		min^{-1}
r_r	Thermal resistance of interface I_r to sensible heat transfer		s m^{-1}

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
r_{s_f}	Thermal resistance of the skin of the feathered areas to sensible heat transfer		s m^{-1}
r_{s_n}	Thermal resistance of the skin of the bare appendages to sensible heat transfer		s m^{-1}
r_T	Total thermal resistance to sensible heat transfer		s m^{-1}
RT	*Rete tiobiotarsalis*		
r_V	Resistance to water vapour transfer		s m^{-1}
r_{v_a}	Resistance of the boundary layer to water vapour transfer		s m^{-1}
r_{v_a}	Resistance of the boundary layer to water vapour transfer (molar version) (Campbell & Norman, 1998)		m^2 s mol^{-1}
$r_{v_{af}}$	Resistance to water vapour transfer through the boundary layer of feathered areas		s m^{-1}
$r_{v_{an}}$	Resistance to water vapour transfer through the boundary layer of the bare appendages		s m^{-1}
r_{v_b}	Resistance to water vapour transfer from the interface I_b		s m^{-1}
r_{v_c}	Resistance to water vapour transfer through the feather coat		s m^{-1}
r_{v_f}	Resistance to water vapour transfer of the feathered areas (I_{b_f})		s m^{-1}
r_{v_n}	Resistance to water vapour transfer of the bare appendages (I_{b_n})		s m^{-1}
r_{v_r}	Resistance of the upper respiratory tract to water		s m^{-1}

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
	vapour transfer		
r_{v_s}	Resistance to water transfer through the skin		s m^{-1}
$r_{v_{sf}}$	Resistance to water transfer through the skin of the feathered areas		s m^{-1}
$r_{v_{sn}}$	Resistance to water transfer through the skin of bare appendages		s m^{-1}
r_{v_T}	Total resistance of the bird to water vapour transfer		s m^{-1}
S	Heat stored		W m^{-2}
$\bar{S}$	Mean solar irradiance		W m^{-2}
Sc	Schmidt number		Dimensionless
s	skin		
T	Temperature		°C
$\mathbb{T}_a$	Absolute temperature of air		K
$\mathbb{T}$	Absolute temperature		K
T_a	Ambient temperature		°C
T_b	Body temperature		°C
T_{b_0}	Body temperature at onset of thermal perturbation		°C
$T_{b_{max}}$	Maximum physiological value of TB		°C
$T_{b_{min}}$	Minimum physiological value of Tb		°C
$\overline{T_c}$	Average surface temperature of feather coat		°C
TCZ	Thermal comfort zone		°C

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
TDB	Dry bulb temperature		°C
T	Environmental temperature (McArthur, 1987)		°C
T_e	T_{ef} at which λE starts increasing		°C
T_{ef}	Effective temperature		°C
T_{ef}^*	Actual effective temperature experienced by the chicken		°C
T_{eq}	Equivalent temperature (Monteith and Unsworth, 1990)		°C
TG	Globe temperature		°C
THI	Thermal Hygrometric Index		°C
TNT	Thermo-neutral temperature		°C
t_0	Initial instant of thermal perturbation/Starting time of exposure		s
T_{op}	Operative temperature		°C
$\overline{T_{R_a}}$	Mean ambient radiant temperature		°C
$\overline{T_R}$	Mean radiant temperature		°C
T_s	Temperature of the surface of a body/ Skin temperature		°C
TWB	Wet bulb temperature		°C
U	Internal Energy		J kg^{-1}
u	Air velocity/Fluid velocity		m s^{-1}
UCT	Upper critical teperature of TCZ		°C

Latin symbols and abbreviations

Symbol	Meaning	Value	Units
V	Volume		m^3
V_E	Volume exhaled per minute		$m^3\ min^{-1}$
V_T	Tidal volume		$m^3\ breathing^{-1}$
W	Body weight		kg

Greek Symbols and abbreviations

Symbol	Meaning	Value	Units
α	Radiation absorptivity of a body		Dimensionless
γ	Psychrometric constant	0.067	kPa $°C^{-1}$
γ^*	Modified psychrometric constant		kPa $°C^{-1}$
$\Delta\theta$	Gradient of equivalent temperature between animal surface and surrounding air		°C
ε	Radiation emissivity of a body		Dimensionless

Greek Symbols and abbreviations

Symbol	Meaning	Value	Units
ζ	Radiant increment		°C
ϑ	Angle between incident radiation beam and the normal to the irradiated surface		°
θ	Equivalent temperature		°C
θ^*	Apparent equivalent temperature		°C
θ_a	Equivalent temperature of air		°C
θ_a^*	Apparent equivalent temperature of air		°C
θ_e^*	Environmental apparent equivalent temperature		°C
θ_s	Equivalent temperature of animal surface		°C
θ_s^*	Apparent equivalent temperature of animal surface		°C
κ	Thermal diffusivity of still air		$m^2\ s^{-1}$
	Wavelength		□m
λ	Latent heat of vaporisation of water (at 40 °C) *(Monteith and Unworth, 1990)*	2406	$J\ g^{-1}$
λ	Latent heat of vaporisation of water (molar form) *(Campbell and Norman, 1990)*	44	$kJ\ mol^{-1}$
λE	Latent heat loss		$W\ m^{-2}$
λE_b	Latent heat loss from the body surface (I_b)		$W\ m^{-2}$
λE_f	Latent heat loss from the feathered areas (I_{b_f})		$W\ m^{-2}$
λE_n	Latent heat loss from the bare appendages		$W\ m^{-2}$
λE_r	Latent heat loss from the respiratory tract		$W\ m^{-2}$
ν	Kinematic viscosity of a fluid at a given temperature		$m^2\ s^{-1}$

Greek Symbols and abbreviations

Symbol	Meaning	Value	Units
ξ	Humidity increment		°C
$\varrho()$	Reflectivity coefficient of a given surface for radiation of wavelength		Dimensionless
$\varrho()_s$	Mean reflection coefficient of animal surface for wavelength		Dimensionless
$\hat{\rho}$	Molar density of air		mol m^{-3}
ρc_p	Volumetric heat capacity of the air		1200 J m^{-3} K^{-1}
ρ_j	Density of substance j		kg m^{-3}
ρ_a	Density of air		Kg m^{-3}
	Stephan-Boltzman constant	$5.67x10^{-8}$	W m^2 K^{-1}
σ	Slope of increasing phase of T_b response		°C s^{-1}
ς	Ratio / *		Dimensionless
σ^*	Maximum slope of the Tb response able to ensure a physiological value of Tb		°C s^{-1}
τ_{ef}	Effective temperature (Beckett, 1965)		°C
Φ	Radiant flux density at irradiated surface		W m^{-2}
ω	Amplitude of radiation beam		°

Other symbols

Symbol	Meaning	Value	Units
$\partial \rho j_j / \partial z$	Gradient of density of substance j		
Δt_{ph}	Physiological time		s

$\partial cj/\partial z$	Gradient of molecular concentration of substance j	mol mol^{-1} m^{-1}
$\partial T/\partial z$	Thermal gradient	°C m^{-1}
T_E	Time of exposure	s
T/ l	Thermal gradient	°C m^{-1}
Tb	Variation of body temperature	°C
S	Short wave radiation	W m^{-2}
Δe	Vapour pressure difference	kPa
$\alpha - AR$	-Adrenergic receptors	
$\beta 1 - AR$	1-Adrenergic receptors	
$\beta 2 - AR$	2-Adrenergic receptors	

A dynamic mechanistic analysis of the thermal interaction between a broiler chicken and its surrounding environment

General Introduction

On the goodness of mechanistic simulation models

1

"Milk production at a dairy farm was low so the farmer wrote to the local university, asking help from academia. A multidisciplinary team of professors was assembled, headed by a theoretical physicist (...). Shortly thereafter the farmer received the write-up, and opened it to read on the first line: 'Consider a spherical cow in vacuum...'".

Harte, J. (1988)

Throughout the years different researchers have analysed from the most diverse points of view the relationship between chickens and their surrounding thermal environment. Despite all the effort devoted to this matter, especially during the 1970's and 1980's, the author of this thesis believes that there is a multitude of unanswered questions yet to be addressed regarding the interaction between the bird and its environment. Furthermore, existing results show inconsistencies, contradictions and lack of consensus between research groups.

The thermal relationship between a broiler and its surroundings depends on the interaction of numerous factors, a situation that leads to a great variability in the responses of birds. In this context, approaching the problem from an experimental point

of view becomes the least sensible option: the design of experiments becomes difficult, the reliability of the results may be undermined and, finally, incorrect, ambiguous or contradictory conclusions may be drawn.

Due to the broad spectrum of factors and interactions, the experimental study of the thermoregulatory responses of the bird, and their physiological and productive consequences, can focus on only a few aspects at a time. As a result, fragmentary information has been generated over the years. This is an important issue that should not be overlooked when reviewing the literature on this subject.

Another problem to be faced is the effect of genotype changes on the capacity of a bird to exchange energy, matter and information with its surroundings. Since the broilers of today are different from the birds produced 10 or 20 years ago, some of the information generated then is now obsolete.

All the above shows that, on the one hand, a complete understanding of the system can never be obtained when an experimental approach is taken and, on the other, the same experiments are bound to be, and need to be, repeated periodically in an attempt to update such information.

Our modelling team at the University of KwaZulu-Natal strongly believes that the creation and utilisation of simulation models is a valid alternative for dealing with particularly complex scenarios. Simulation models offer the possibility of emulating the responses of broiler chickens to different environmental situations in a broiler house, allowing for a more holistic approach to this matter.

Although it is true that experimental work is needed in the construction of mechanistic simulation models, the results of such experiments are used to address general theoretical concepts. Such theories transcend the anecdotal character of experimental results,

attaining a more universal and stable stature, constituting a solid base for building simulation models. When models are conceived in such a way, they are able to give reliable results over a wider range of situations.

In a personal discussion, David Parsons asserted that models, at some point, are bound to become empirical. This inexorable truth, which in a sense reminds us of our ungodly nature, does not reduce the value of mechanistic models. Conversely, if used in the appropriate way, this truth can make our models even more reliable. If one is able to unravel the main relationships and express them in the form of theoretical equations, then the experimental work will be relegated to the quantification and periodic update of certain constants and parameters. Inasmuch as the variability and uncertainty of experimental observations is contained in a few variables, such a model would survive the test of time and would be able to produce more representative predictions.

This thesis contains the work that this author has performed during the past six years of research on building a simulation model for the thermal interaction between broiler chickens and their surroundings.

The reader will encounter a series of theorisations, conceptual models, mathematical models and simulation models that approach the problem from a mechanistic point of view.

Since this project constitutes an innovative way of approaching the thermal interaction between chicken and environment, the ideas have been developed to different degrees of completeness, for which some points were analysed in more depth than others.

Part 1

The Bases

Chickens, being superior organisms, can be classified as systems of a high complexity. In order to sustain such a level of organisation, they need to maintain the levels of body heat in a very narrow range considered to be physiologically normal.

The rules governing the heat and mass exchange between a chicken and its surroundings are the same physical rules determining heat dissipation in inanimate bodies. The difference between a chicken and a brick, from the thermodynamic point of view, is the bird's capacity of managing its thermal properties in order to regulate the amount of heat and matter exchanged with the environment.

In preparation to the systematic, thermodynamic approach to the analysis of thermoregulation of broiler chickens performed in the second and third parts of this thesis, this first part introduces basic concepts of systems theory, thermodynamics and physics of heat exchange.

Chapter 2 deals with bases of system organisation and thermodynamic applied to living systems. Special attention should be paid to the theories on homeostatic responses to environmental perturbations, foundation for the theories of thermoregulation presented later in this thesis.

Chapter 3 is based on the teaching material developed by this author for the module on Applied Environmental Physiology taught in the Discipline of Animal Science, University of KwaZulu-Natal. Due to its basic tenor, it may be omitted by a reader expert in the matter.

Living Syetems: An Elementary Overview [5]

2

"Wherever we find orderly, stable systems in Nature, we find that they are hierarchically structured, for the simple reason that without such structuring of complex systems into sub-assemblies, there could be no order and stability- except the order of a dead universe filled with a uniformly distributed gas."

Arthur Köestler (1949)

2.1. Introduction

The concept of system and the formulation of the General Systems Theory constituted one of the biggest revolutions of scientific thought in the second half of the last century. This change of mind *schema* has allowed scientists to explore the behaviour of multifactorial processes and to make more accurate predictions based on obtained results (von Bertalanffy, 1972). The general expression of the interaction of the different components of a system in a mathematical language, allows for the application of those general interactions to situations different from the ones for which they have been established. As a matter of fact, the original idea of von Bertalannfy (the precursor of this theory) was to obtain universal forms that could be applied to different scenarios in completely dissimilar disciplines (Dawson, 2007). This idea was further elaborated by

[5] *This chapter includes excepts of the papers by Blanco and Gous (2010a, b).*

Miller in the late 70's when developing the Living System Theory (Miller and Miller, 1993).

The systems perspective implies a *holistic* way of approaching research. The traditional reductionist paradigm, based on the meticulous study of the parts adding to a whole, is replaced by a mind *schema* based on the Aristotelian premise that *the whole is more than the sum of its parts*. This approach overcomes the limitations encountered in the traditional method when studying situations involving more than one variable. The analysis of the interactions between factors and variables gives way to a more complete understanding of structure and behaviour of the object of research.

Although the Systems Theory has consolidated as a scientific field during the past fifty years, only few research groups in poultry science around the world have adopted a *systems* approach. This situation restricts the general application of the obtained results, since the universality of the attained conclusions is questionable. Additionally, the validity of the results obtained is restricted to a certain period of time, especially in dynamic topics as, for example, poultry nutrition or physiology of growth.

Environmental physiology applied to poultry production has not been the exception to the rule. From the long list of publications dealing with the effect of environmental conditions on different physiological and productive aspects of poultry, only a few models of a more holistic and universal character have been reported. This is probably one of the main reasons why, after so much work has been devoted to the study of the environmental physiology of chickens, the main questions seem to remain unanswered.

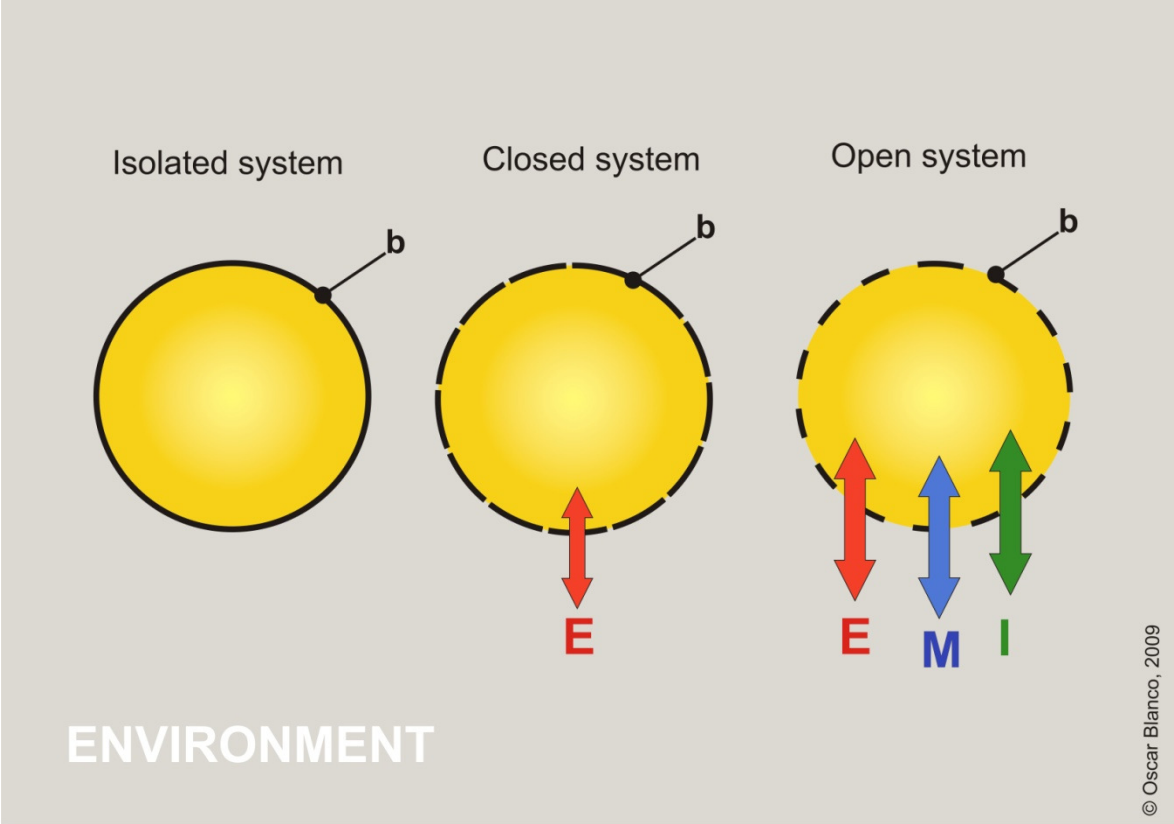
In this chapter, a brief insight into the concept of a system is carried out. Particular emphasis will be placed on the main characteristics of living systems, such as *complexity*, *organisation*, *equilibrium*, *steady state*, and *homoeostasis*.

The model reported in this thesis represents a first attempt at producing more integrated and general theories on thermoregulation of chickens and on environmental effects on different broiler traits. Although the idea of system has been frequently applied in this thesis, the mathematical forms and conventions of the System Theory have not been extensively implemented. The development of more universal expressions will be part of future work.

2.2. A system and its structure

Suspected by Aristotle, implicitly denied by the mechanicists of the XVIII and XIX Centuries, or sought among demons and entelechies by the neo-vitalists at the beginning of the XX Century, the philosophical construct *system* has been subjacent to the evolution of science since its beginnings. It was von Bertalanffy (1928, cited by Drack, 2008) who first exhumed it and formally proposed its existence.

According to von Bertalanffy (1972), "a system may be defined as a set of elements standing in interrelation among *themselves* [*sic*] and with the environment. This can be expressed mathematically in different ways". A system can be a real, concrete object or a more abstract relation between different elements. Since we deal with living beings, our



interest is focused on thermodynamic systems.

Figure 2.1. *Diagrams representing isolated, closed, and open systems and their interaction with their surrounding environment. E: energy; M: matter; I: information; b: system boundary.*

The elements constituting a system are enclosed in a boundary that separates them from the surrounding universe or environment (Ho and Ulanowicz, 2005) (Fig. 2.1). Such a boundary has a certain degree of permeability, which determines the ability of the system to exchange matter, energy and information with its surroundings (von Bertalanffy, 1972; Lamprecht, 2003; Recordati and Bellini, 2004).

Based on the type of interaction with the environment, a system can be classified as *isolated*, *closed* or *open* (Anderson, 1996; Recordati and Bellini, 2004). Isolated systems cannot exchange energy, matter or information with the environment. In open systems, conversely, the three species flow freely through the boundary, normally subjected to a gradient between the system and its surroundings. Closed systems are an intermediate form in which only energy is exchanged with the surrounding environment (Fig. 2.1). Based on these descriptions, it is obvious that living beings (including birds) are open thermodynamic systems (Cannon, 1929).

The thermodynamic state of a system is described by assigning values to its state variables, which reflect the system's internal properties. These variables can be categorised into two groups: *intensive*, which are independent of the amount of mass of the system (e.g. temperature, pressure, respiratory rate) and *extensive*, which are those which directly depend on the mass (or *extent*) of the system (e.g. body weight, volume, surface area). The model reported in the last part of this thesis evaluates the changes experienced by the state variables of the system "broiler chicken" from a mechanistic point of view, i.e. the model goes beyond the mere description and tries to understand the processes underlying the variations in state variables.

The following sections analyse the properties of systems in general and, more specifically, of living systems. This analysis is vital to comprehend the model presented in part 3 of this thesis and to interpret the results of the simulations.

2.3. Living systems

Living systems have certain characteristics that differentiate them from other open systems. Without entering the discussion on what life is, this section looks to describe the more distinctive features of living systems, relevant to our mechanistic analysis.

Living systems are open systems

As stated above, living systems are a special form of open systems and, as such, they can freely exchange energy, matter and information with their surrounding environment. Such exchange is essential for the survival of the system.

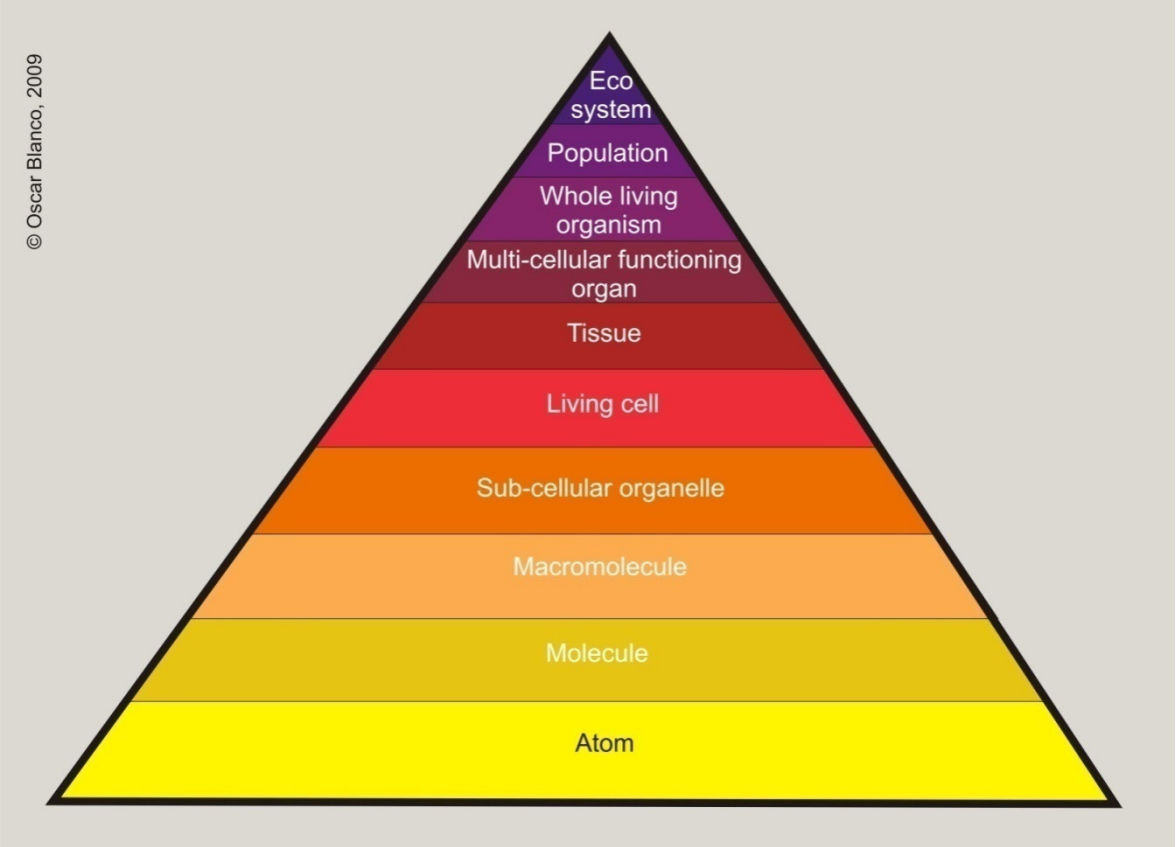


Figure 2.2. *Natural hierarchy of systems adapted to research in Animal Science, after theorisations by Miller (1978), Peacocke (1984), Forbes and France (1993) and France and Dijkstra (2006).*

Living systems are complex and organised

Reminiscent of the Aristotelian principle mentioned in the introduction to this chapter, Nagel (1952, cited by Peacocke, 1984) has defined complex systems as the result of a number of subsystems that interrelate to give a whole. Miller (1978) proposed that the subsystems were grouped in categories of increasing complexity, ordered following a natural hierarchy.

The systems at a level *n* of the hierarchy integrate subsystems corresponding to the *n-1* hierarchical level. Simultaneously, the systems of level *n* may be

subsystems for systems of the hierarchical level $n+1$[6]. Then, the behaviour of the subsystems at lower levels would determine the responses of systems in the upper levels (Forbes and France, 1993; France and Dijkstra, 2006)

The natural hierarchy is one and universal, but different scientific disciplines consider certain parts of such a ladder, according to their scope. Forbes and France (1993) and France and Dijkstra (2006) proposed a hierarchy for research in Animal Science, presented here in a graphic form (Fig. 2.2).

The diagram of Figure 2.2 based its classification in a more physiological and anatomical/histological approach. Miller (1978) proposed a more general interpretation of complexity, which could be applied even to non-physiological systems. He proposed the existence of nineteen vital subsystems with different functions, e.g. a system at the "Organism" level is composed of two subsystems processing energy-matter and information, eight subsystems processing matter-energy and nine more processing only information.

In further considerations, Wimsatt (1976, cited by Peacocke, 1984) proposed that a system can be decomposed into different parts depending on the perspective from which such a system is analysed. Considering the interactions between the resulting parts, two types of complexity, *descriptive and interactional*, have been identified.

According to Recordati and Bellini (2004), if from different perspectives of analysis the boundaries of each of the components remain constant, then the system is *descriptively simple*. Conversely, if for at least two perspectives of

[6] *The natural hierarchy is important when formulating models explaining the behaviour of a system. According to Forbes and France (1993) and France and Dijkstra (2006), for a system at a given organisational level, teleonomic models try to study the behaviour of the system based on the responses at higher hierarchical levels. Empirical models examine the problem by analysing relationships at the same level of the system under study. Finally, mechanistic models (the approach chosen in this thesis) try to explain the behaviour of a system at a certain level by considering the way its subsystems behave and interact.*

the same component there are common parts, but the boundaries do not coincide, then the system is *descriptively complex*.

Regarding *interactional* complexity, if the subsystems of a system do not cross boundaries between different decompositions, then the system is *interactionally simple*. If the components of the systems cross the boundaries between each other (for example when different hormonal axes share common paths), then the system is called *interactionally complex*.

Based on these premises, broiler chickens should be considered to be descriptively and interactionally complex living systems.

Von Bertalanffy (1952) stated that a living organism is not only a morphological hierarchy of subsystems, but also comprises a hierarchy of physiological processes. Morphological and physiological hierarchies are interwoven and they do not always coincide with each other. The interactions between those subsystems and physiological processes are specific and they are needed for the subsistence of the system as such. According to Wickens (1979, cited by Peacocke, 1984), this complexity of functionality is what gives organisation to living systems.

As a measure of complexity and organisation of systems, the term *integrality* has been created (Denbigh, 1975, 1981, cited by Peacocke, 1984). *Integrality* is related to the degree of connectedness between the different components. It seems related to what Ho and Ulanowicz (2005) refer to as a perfect orchestration between the different subsystems that, placed at diverse hierarchical levels, constitute an animal. It means that for higher levels of complexity, greater *integrality* [*sic*] should be expected (Peacocke, 1984).

Integrality varies throughout the life of an animal. It rises steadily as the complexity of an organism increases during its development, stays constant during maturity (although small changes may happen) and decreases abruptly shortly after death of the organism.

In conclusion, we should consider a broiler chicken to be a *descriptively and interactionally complex, organised, integral system*.

Living systems are capable of homeostasis

According to classical physiology, homeostasis implies the capacity of living systems to maintain the values of their state variables in a narrow range of values. The constancy of those values is necessary for the maintenance of the integrality of the system.

This is an incomplete idea of what homeostasis really implies. In order to perform a more realistic analysis on how birds (and any other living open system) achieve homeostasis, the following section briefly addresses the way in which the Laws of Thermodynamics affect living systems.

2.4. On the doom of entropy (Basic concepts on thermodynamics)

The Laws of Thermodynamics have universal application and explain the way in which heat and matter are exchanged between systems and with the environment. The second law is of extreme relevance when analysing the homeostatic ability of a system.

This law postulates that the dynamics of energy are unidirectional, given the irreversible character of the thermodynamic processes occurring in an open system. The irreversibility is due to the fact that the energy, after being utilised, acquires a degraded character, becoming less available to reverse the process to its initial state. This implies that open systems are not fully efficient when utilising energy, i.e. there is always a

transformation of energy into a less complex form, for example heat.

In order to quantify the irreversibility of thermodynamic processes in a given system, the concept of *entropy* (*S*) was formulated. When thermodynamic processes occur in closed systems, the state variables tend to equilibrium. Considering that such equilibrium is irreversible, maximum values of *S* were related to the state of equilibrium (Peacocke, 1984). The use of *S* has been extended to the study of the behaviour of open thermodynamic systems.

The parameter *S* is also associated with disorganisation. The tendency of energy to reach more "degraded" levels is related to the achievement of less organised (or more chaotic) stages, e.g. the transformation into thermal energy. The relationship between entropy and disorganisation (or randomness) has been derived from the first studies by Boltzman on statistical thermodynamics of the chemical structures of certain crystals (Peacocke, 1984). In order not to diverge too much from our primordial objective, i.e. the description of living thermodynamic systems, the idea can be synthesised saying that in conditions at which order is almost ideal, the probable places that an atom can occupy in a crystalline structure are very few. The increment on the number of probable positions (higher randomness) has been directly related to the increase in *S* in the system. By analogy, this concept of *S* as a measure of randomness has been applied to higher hierarchical orders (e.g. cells and whole living organisms), where the number of particles is so high that it is impossible to avoid the increase in entropy (Gribbin, 2004).

On a bigger scale, the energy of the whole universe constantly and irreversibly moves to less complex forms, i.e. "degenerating into uniform thermal energy" (Peacocke, 1984). This means that there is a universal tendency towards the increase of entropy, an invisible force pushing everything towards disorder. In the words of Wiener (1964, cited by Peacocke, 1984) there is "a great torrent of disorganisation, which tends to the heat-death of equilibrium and sameness".

A pessimistic conclusion to this section is that every system is subjected to the universal doom of the always increasing entropy. Scientists found then an obvious contradiction between what the second law postulates and the reality of complex, organised living systems. If everything tends to disorder (i.e. to an increase of entropy), how is it possible for living systems to live? How can living systems "swim" against Wiener's torrent? The following sections deal with this problem.

2.5. Negentropy and the possibility of life

Let us start this section with a concrete example. Broiler chickens are known for their overwhelming growth rate. When growing, the bird builds up complex structures (as tissues and organs) from simpler, apparently more disordered ones (von Stockar and Liu, 1999; Ho and Ulanovicz, 2005). This can cause the wrong impression that growth decreases the entropy of the system when, in fact, for being an irreversible phenomenon, it is coupled with production of entropy (von Stockar and Liu, 1999; von Stockar *et al.* 2006). Many other irreversible processes occur in a broiler (e.g. hormonal secretion or haematopoiesis), which (unavoidably) further increase S (life itself is irreversible!).

Living systems have to dissipate the produced entropy in order to keep its integrality (von Stockar and Liu, 1999), i.e. the inequality $dS/dt \leq 0$ should be true at all times. Accumulation of entropy has been related to elevation of temperature and increase in randomness in the system (von Stockar *et al.* 2006). Using the words of Auerbach (1902, cited by Lamprecht, 2003) living beings need to become "deceivers in the game of entropy", by following two different strategies: metabolism and heat dissipation.

Schrödinger (1944) first proposed metabolism as a means to counteract the Second Law. It is well known that living systems should take energy and material from the environment in order, as Ho and Ulanowicz (2005) expressed, "to develop, grow and

recreate themselves". By processing nutrients into waste compounds of higher entropy (than the nutrients), the living system experiences a net transport of entropy to the environment (von Stockar *et al.* 2006). This is what Schrödinger (1944) refers to as living on *negentropy* (or negative entropy).

Along the same line of thought, living systems dissipate part of the generated entropy by means of heat exchange with the environment (Peacocke, 1984; von Stockar and Liu, 1999). In other words, the chemical energy is transformed into a more "degraded" form, heat, which is exported, avoiding the accumulation of entropy in the system.

There are other very interesting theories of the way in which living systems compensate for the increasing entropy secondary to life, which will be opportunely referred to in this thesis.

After devoting some time analysing the effect of the second law of thermodynamics on living systems, it is possible now to review one of the main characteristics of superior animals: homeostasis. The issue is approached from the thermodynamic point of view.

2.6. Keeping away from the danger of equilibrium

Animals and birds are a special type of living thermodynamic system with the ability to control their internal conditions quite precisely while exposed to a wide range of environmental conditions. This ability is commonly known as homeostasis.

From the thermodynamic point of view, homeostasis consists of the achievement of a steady state as far as possible from equilibrium with the environment, with the help of metabolism and the exportation of degraded forms of energy (waste products and heat). In such a steady state, the gradient of certain (or all) the state variables across the boundary differsfrom zero.

The values of the state variables of the system during steady-state are not constant.

Firstly, there is a difference between the steady-state values during sleep (when the animal is closer to equilibrium) and the achievement of a steady state when the animal is awake (Recordati and Bellini, 2004). Sleep has been related to the increase of parasympathetic activity and the reduction of the state variables to values as close as possible from equilibrium, without compromising the *integrality* of the system.

A second type of variation of the steady-state is produced by factors intrinsic to the system, as for example circadian rhythms. Those variations are called *fluctuations* (Recordati and Bellini, 2004). They are characterised by fairly predictable patterns of behaviour (often periodical). These fluctuations demonstrate that the classic conception of homeostasis as a constant, linear state is actually a misconstruction (Recordati and Bellini, 2004).

According to Cannon (1948) and reported by Yates (2002), a third type of variation would result from "inconstancies" of biological systems. The author of this thesis believes that there is more to these mild variations than the *quasi*-magical assumption of inaccuracies in the regulatory capacity of the animal. One may assume, for example, that such mild variations can be the result of the combined effect of small, external and internal stimuli, which although not big enough to be instrumentally sensed as "important" , may add or even potentiate their effect when combined. In these cases, one should assume a constantly and infinitesimally changing environment, which, combined with the way in which the animal perceives those changes plus the conditions of the internal medium of the animal, would result in mild variations. In this way, a given set of environmental conditions would not produce the same final result, unless the initial condition of the system was the same. This concept, an extremely important one, can be applied to any type of variation that is dependent on the environment and is vital when attempting to understand the physiological effects produced in the animal by the environmental action.

This "instability" of the homeostatic state can be as well explained from the thermodynamic point of view. According to Ho and Ulanowicz (2004), in a living system away from equilibrium the metabolism consists of the interconnection of coupled endergonic and exergonic cycles, on the coexistence of cycles that increase and decrease entropy, a situation that (in a healthy animal) results in the net exportation of entropy to the environment. There may be some variation regarding the levels of entropy reached at each instant, which will be related to variations in the metabolic rate in the following instant. These may well constitute the transitory, mild variations referred to by Cannon (1948).

A fourth type of variation modifying the steady-state is represented by the responses to external *perturbations* (Nicolis and Prigogine, 1989; Ricordati and Bellini, 2004). In fact, this could be considered as a major version of Cannon's mild variations (in the line of thought followed by the author of this thesis). They are characterised by a more unpredictable pattern of behaviour, without periodicity and with a duration normally related to the length of the perturbation. In these cases, the system may or may not achieve a new steady state, depending on the intensity of the perturbation and on the capacity of the system to cope with such stress.

The time-dependent variation is a tool frequently used in the model reported in this thesis to express the responses of a chicken to different environmental conditions. In mathematical terms, the achievement of a new steady-state as a function of time can be represented by Equation 2.1 (Recordati and Bellini, 2004).

$$X(t) = X_s + x(t) \qquad (2.1)$$

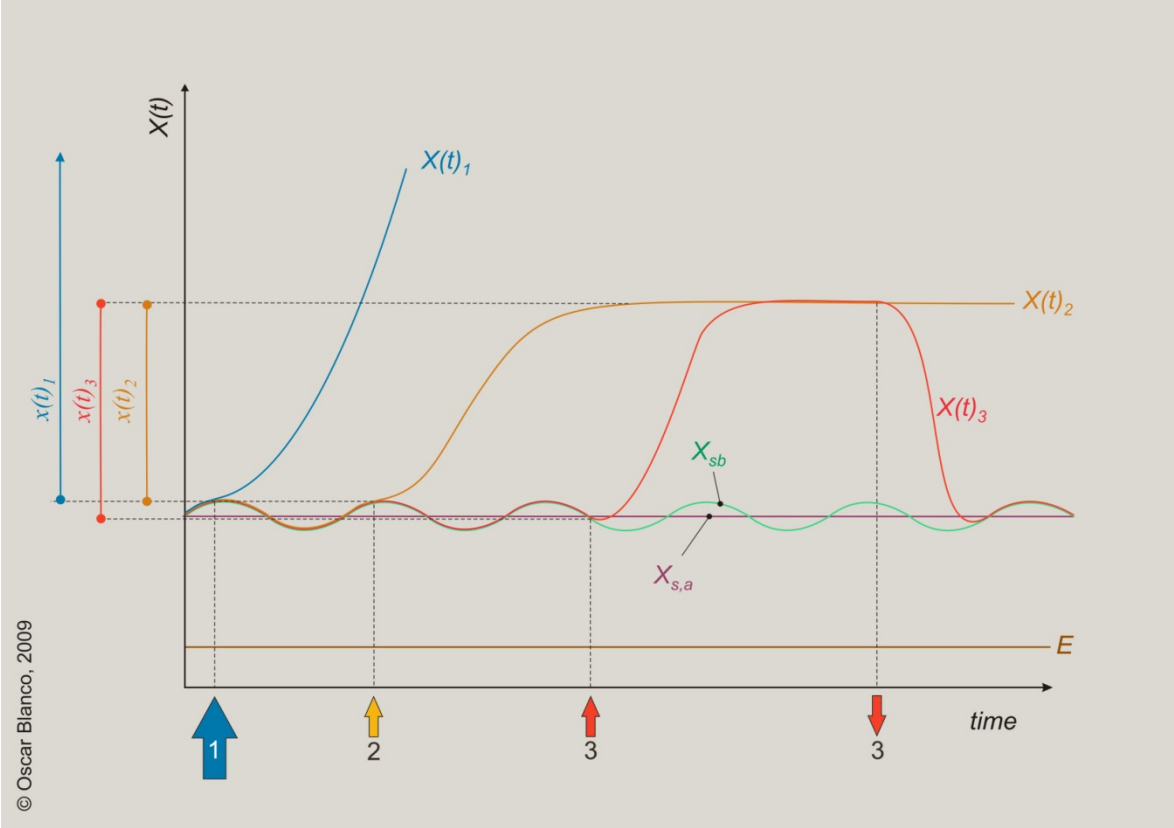


Figure 2.3. *Hypothetical patterns of behaviour ($X(t)$) of the generic state variable X when the system is exposed to stimuli of different durations and magnitudes. The upward arrows indicate onset of a given perturbation and the downward arrows indicate the cessation of a perturbation. The size of each arrow indicates the magnitude of the perturbation and its colour corresponds to the colour of its respective pattern of behaviour. $X_{s,a}$: usual interpretation of the concept of steady-state; $X_{s,b}$: more sensible representation of steady-state, including circadian fluctuations; $X(t)_1$: response of system to perturbation 1 (blue arrow) of magnitude that exceeds the homeostatic capacity of the system; $X(t)_2$: successful homeostaric response of the system to perturbation 2 (gold arrow) of lower magnitude than perturbation 1; $X(t)_3$: successful homeostatic response of the system to perturbation 3, of the same magnitude as the perturbation 2. Perturbation 3 is applied only for a limited period of time, delimited by and upwards and a downwards red arrow (onset and withdrawal, respectively); $x(t)_1$, $x(t)_2$, $x(t)_3$: variation of the generic state variable X as a response to perturbations 1, 2 and 3 (respectively); E: state of equilibrium with the environment; (Constructed based on the ideas and diagrams of Recordati and*

Bellini, 2004, and Yates, 2002).

To understand Equation 2.1 it is necessary to define X_s, or steady state of reference (Recordatti and Bellini, 2004), which is a given stationary, time independent, non-equilibrium state of rest. The magnitude of X_s may be assumed to be constant. The value $x(t)$ is the variation introduced by a fluctuation or a perturbation, which can take different values determining the pattern of behaviour of the system under those circumstances. Finally, $X(t)$ represents the value the state variable X at a given instant in time.

Graphically, there are many options to represent the achievement of a steady state far from equilibrium. Each one of those representations enables the analysis of different aspects of the physiological responses to fluctuations and perturbations.

Figure 2.3 shows the hypothetical patterns of behaviour of a generic state variable, X, when the system is exposed to perturbations of different magnitude and diverse duration. Perturbation 1 is high enough to override the homeostatic capacity of the system, which is evidenced by the rapid elevation of the of $X(t)$ in a short space of time. The variable does not achieve a plateau, indicating the incapability of the system to achieve a new steady state (at least in the considered time interval). Depending on the physiological relevance of the variable suffering this type of change, the homeostatic imbalance may acquire magnitudes incompatible with life.

The magnitude of perturbations 2 and 3 seem to fall in the "manageable" range of the system. In both cases, $X(t)$ achieve the same steady-state value, but the perturbations act at different times during the day. Due to circadian variations, the initial conditions for each pattern of behaviour are different, i.e. the initial value of $X(t)$ for the pattern of behaviour corresponding to perturbation 2 is higher than the one for the pattern initiated by 3. Considering all this, one may assume that, in order for both patterns of

behaviour to achieve the same steady-state value, perturbation 3 should be more intense than perturbation 2. The value of the slopes for the increasing phase of both responses is arguable. For the same system achieving the same steady-state value, with a lower initial value of $X(t)$ and a perturbation of a higher magnitude, would that slope be steeper than, equal to or shallower than the slope of the case with higher initial $X(t)$ and lower value of perturbation? For two identical systems starting from the same initial $X(t)$ value, more severe perturbations would result in a steeper rise in the value of $X(t)$ per unit of time and the achievement of higher values at the steady-state plateau. It may be acceptable then to assume that the difference between slopes would be given by the sensitivity of the state-variable to the perturbation and the underlying physiological mechanisms contributing to the changes in that variable, e.g. comparing the percentage of variation of respiratory rate per unit of variation of body temperature, to the variation (in percentage) of the acid-base equilibrium of the blood under the same conditions.

One may expect then, for cases with lower initial conditions, higher values of slope, due to the fact that for them any stimulus would be "closer" to the "limit of the unmanageable" than it is for a system with a higher initial value of $X(t)$. The differences between slopes would depend then on the difference in initial conditions, the type of variable being measured and the intensity of the perturbation.

Another interesting point to observe in Figure 2.3 is that the withdrawal of perturbation 3 determines the return of $X(t)$ to the original, resting steady-state. The slope of the return would depend on the same factors affecting the increase of $X(t)$, but in some cases the underlying physiological processes may have been affected in a way that, reaching the resting state once again, would be difficult or, sometimes, impossible.

This leads us to the next relevant point of the diagram, which is the relationship between time of exposure and intensity of the perturbation. The consequences of a

prolonged exposure to a certain variable can cause secondary physiological alterations that can jeopardise the *integrality* of the system. A clear example is the onset of alkalosis when chickens exposed to certain environmental conditions are driven to increase their respiratory rate. Mild elevations of body temperature would be related with more moderated increments in respiratory rate, allowing the buffer systems of the chicken to neutralise the variations of pH and avoid the excessive elevation of pH of the internal medium. Higher body temperatures elicit higher respiratory rates, which would deplete the buffer capacity of the chicken in the short term. Then there should be a certain relationship between value $X(t)$ and time of exposure, a parameter indicating a limit value after which the homeostatic capacity of the individual becomes compromised. That relationship can be represented in the form of a rectangle of surface area given by Equation 2.2.

$$X_{max} = \varphi Z(t)t \qquad (2.2)$$

where φ is a constant of proportionality and $Z(t)$ is the value of the perturbation introduced by the environment. Considering X_{max} as a constant surface area, higher levels of $Z(t)$ would determine lower times of exposure necessary to exhaust the buffering properties of the systems and *vice versa*. This idea is represented in graphic form in Fig. 2.4.

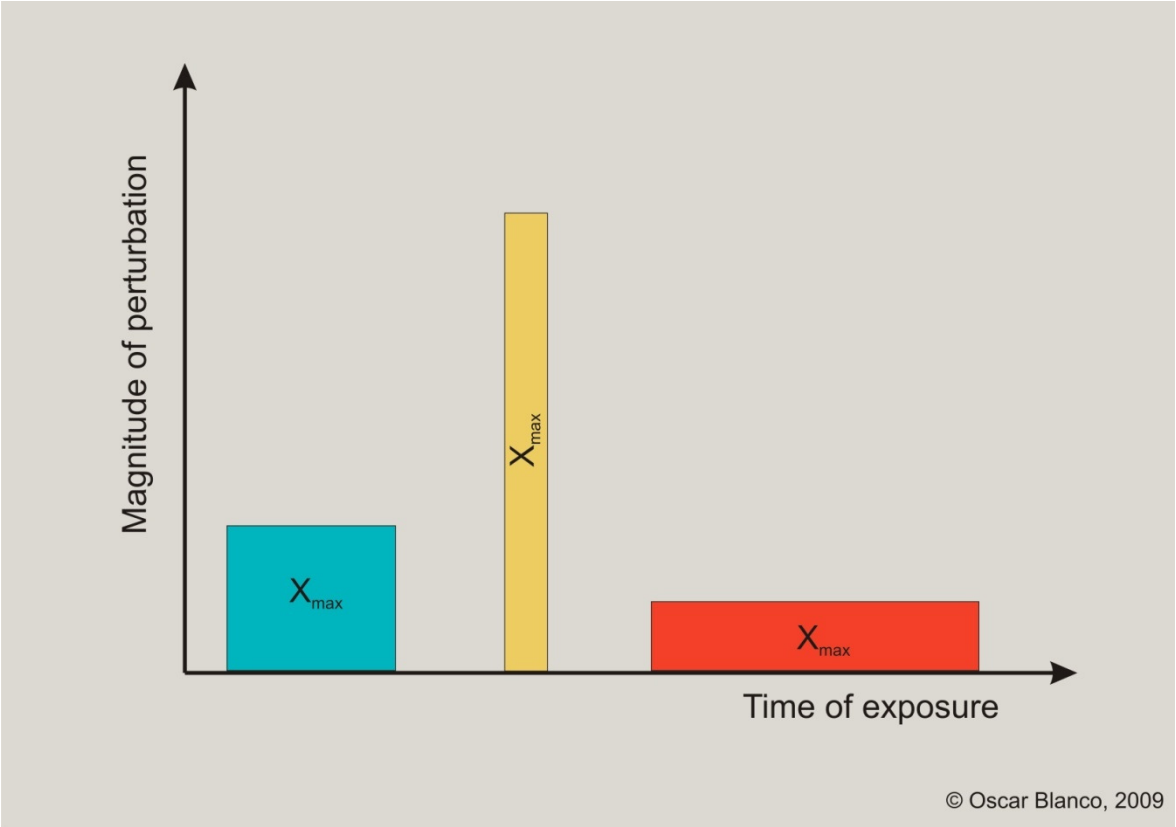


Figure 2.4. *Representation of the influence of the magnitude of an external perturbation on the time of exposure needed to reach the threshold value of X(t), called X_{max}, after which the homeostasis of the system is compromised.*

In a more formal way, Equation 2.2 could be expressed as the integral form of the function $Z(t)$ (Equation 2.3).

$$X_{max} = \varphi \int_{t_f}^{t_0} Z(t)dt \qquad (2.3)$$

where t_0 is the initial time of exposure and t_f the moment at which the perturbation is withdrawn.

This value of the parameter φ is very general and implies different underlying physiological properties and processes, depending on the aspect of the homeostasis that is being modelled. In a way, the objectives of this thesis are precisely to study the factors that determine φ in thermoregulatory processes and the modelling of the interactions between those factors. Equation 2.3 is no more than a formal representation of the ideas of Fig. 2.4 and a clue for future translation of the model reported in this thesis into a formal mathematical language.

2.7. Conclusions

Chickens, being open thermodynamic systems, are affected by the Laws of Thermodynamics. All the biological processes related to the maintenance, growth and development of broilers are accompanied by the production of entropy.

In order to maintain its *integrality*, the bird needs to control the levels of entropy so that the relation $dS/dt \leq 0$ is always true. The increase in entropy has been related to disorganisation and increase in body temperature.

If the bird achieves a state of equilibrium with the surrounding environment, the levels of entropy achieve their maximum and life is not further possible. In order to avoid the achievement of equilibrium the bird utilises two main strategies: metabolism of nutrients into waste of higher entropy and degradation of energy into heat. Both waste products and heat should be exported to the environment.

Through homeostasis, living systems remain in a steady state away from equilibrium, at which there are constant net flows of matter and energy to the environment. The value of that steady-state depends on the characteristics of the bird and may change depending on circadian and non-circadian fluctuations.

When exposed to a perturbation, birds may reach a new steady-state, depending on the

magnitude of such perturbation, on the time of exposure and on its homeostatic capacity. There should exist a limit value for a generic state variable X, above which the homeostatic capacity of the living system is compromised. Such value is proportional to the product between the time of exposure and the magnitude of the stimulus.

The concepts discussed in this chapter will be recalled in Chapter 10, where the interpretation of the results of this model are analysed. But before reporting the simulations, it is necessary to analyse the heuristics applied for representing the broiler chicken.

Bases of heat and mass transfer

3

"En los pueblos del interior (...) no existía el empapelado, pero sí la humedad sobre los muros pintados a la cal. Frente a mi vieja camita (...) las lluvias fueron filtrando una gran mancha de diversos tonos amarillentos (...), capaces de suplir las flores y los paisajes del papel más abigarrado."

Juana de Ibarbourou (1965)
La mancha de humedad[7]

3.1. Introduction

Heat is considered to be the terminal stage of energy. Its production determines the universal inefficiency to which every thermodynamic process, from the generation of atomic energy to the accretion of lean tissue by a growing chicken, is coupled.

According to Peacock (1984) the apocalypse of the universe will be one characterised by energy sameness, the consequence of the complete degradation of all viable types of energy into heat. Such degradation is an irreversible process accompanied by disorder and randomness.

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[7] *In the small towns (...) there was not wallpaper, but humidity on the white walls. (...) In front of my little bed, the rains gradually sipped through, forming an immense spot of different shades of yellow (...) that could compete with the flowers and landscapes of the most colorful wallpaper" Juana de Ibarbourou (1965), The humidity spot.*

Despite its ominous connotations, heat plays a key role in nature, allowing life to exist. The scope of this idea goes beyond the concepts of homoeothermicty and thermoregulation. As discussed in Chapter 2, heat is dissipated by the bird as a means of reducing its internal levels of entropy, maintaining in that way its order and organization.

This chapter analyses the essentials of heat exchange in inanimate bodies, necessary to understand the concepts discussed in this thesis. The contents are inspired by the teaching material developed by the author of this thesis for the course Applied Environmental Physiology taught at the University of KwaZulu-Natal. The concepts are explained from the experiential point of view, using everyday examples or easy practical procedures that can be quickly performed in the classroom.

The same general laws described here apply to homeothermic animals, except for the facts that homeothermic animals are able to generate their own heat and to modify their thermal properties (thermoregulation) in order to control their rate of heat and mass exchange with the environment.

3.2. Warming up water: Internal energy and temperature

This section starts with the analysis of a trivial fact: it is tea time and you switch the kettle on. Have you ever stopped to think what events occur inside the mass of water resulting in a measurable increase in temperature? In fact, what is temperature?

Every substance possesses what is called internal energy (U). The value of U is related to the movement and interaction of the molecules comprising that substance. Warming up water for tea is, in fact, increasing the internal energy of the fluid, which is translated in some way into an increase in temperature.

Depending on the type of molecular kinetics involved, internal energy can be classified into translational kinetic energy, vibrational/rotational kinetic energy, and potential energy of intermolecular forces.

Translational kinetic energy is associated with the free movement of molecules. Substances with higher translational kinetic energy have higher temperatures. A usual mistake is to associate translational kinetic energy only with hot substances. A remarkable point is that even frozen water has a certain amount of translational kinetic energy that can be translated into temperature. There is a theoretical point below which translational kinetic energy would completely disappear, and that is at absolute 0 (or 0 K).

The concept of potential energy is a relevant one. Substances with higher potential energy will need to receive higher amounts of heat in order to achieve the same levels of translational kinetic energy than substances with lower potential energy. In other words, substances with different potential energies will have different temperatures when the same amount of heat has been added to them.

Let's consider a 10 g sample of water and a sample of copper of the same mass. If both are exposed to identical sources of heat, the copper sample will reach 100 °C faster than the water sample. This is related to two important facts. Firstly, one gram of a given substance needs a characteristic amount of heat for its temperature to rise 1 °C. This is called specific heat of the substance (c). Secondly, water, due to its high specific heat, has an important role in avoiding excessive variation of temperature in living organisms (Willmer *et al*., 2000). If the body water of a chicken represented 30 % of its body weight instead of the actual 80 %, the story would have been completely different.

3.3. Heat balance and heat transfer

Returning once again to the initial example of boiling water in a kettle, let us

consider a volume of 1 l of water at an initial temperature of, for example 20ºC, at 101 kPa of atmospheric pressure. The time spent in taking this amount of water to boiling point depends on the amount of heat transferred from the heating element to the water and on the rate at which the heat is transferred from the water to the environment.

Once the kettle switches off, the internal energy of the water will gradually decrease until the temperature of the water equalises with the temperature of the surrounding environment (assuming that at the point of switching the kettle off the temperature of the water was higher than the temperature of the surrounding air).

Figure 3.1. *Heat Balance of a boiling kettle. The internal energy of the water at 100 ºC is kept constant because the amount of heat added to the system by the heating element is equal to that lost to the surrounding media through the glass wall, the plastic frame and as*

steam. (Original picture of glass kettle taken from http://ecx.images-amazon.com/images/I/51GG6K6K4ZL._SL500_AA280_.jpg*).*

This clearly shows that the amount of translational kinetic energy of a mass of a substance, and therefore its temperature, depends on the balance between heat input and heat output, i.e. on the *heat balance* of the system. Figure 3.1 shows the heat balance of water boiling in a kettle. The heating element will transfer heat to the mass of water (input), which increases the internal energy of the water and, hence, the temperature of the water rises. At the same time, the "warming up" of that mass of water depends on the rate at which the water transfers heat to the environment through the glass wall, through the plastic frame and by evaporation (output).

The energy balance of a volume of boiling water differs quite substantially from its heat balance before reaching boiling point. Once water has reached 100 ºC, the internal energy of the mass of water, hence its temperature, stop increasing. The heat added by the hot element is equalled by the heat leaving the system. The output is represented not only by the heat transferred to the environment through the kettle structure, but also by the heat used to change water from liquid state to gaseous state.

The movement of heat in and out of a thermodynamic system responds to a few principles, which are discussed in the following section.

3.4. Bases of heat and mass transfer

According to Campbell and Norman (1998), the magnitude of heat transfer and mass transfer between two objects is determined by a proportionality factor and a driving force. Equation 3.1 displays these concepts in a mathematical form.

$$Flow = proportionality\ factor \times driving\ force \qquad (3.1)$$

That driving force takes the form of a thermal gradient for sensible heat exchange, and a

pressure gradient or a mass gradient for the exchange of water vapour.

The diffusive mass transfer is explained by Fick's Law. Its mathematical expression is presented in Equation 3.2.

$$F'_j = -\kappa_j \frac{\partial \rho_j}{\partial z} \qquad (3.2)$$

Where F'_j is the flux density of the substance j [kg m^{-2} s^{-1}], κ_j is the diffusivity of the substance j in a given medium [m^2 s^{-1}], and $\frac{\partial \rho_j}{\partial z}$ is the gradient of density of the substance j ($\partial \rho_j$) [kg m^{-3}] throughout a given distance (∂z) [m].

In order to estimate the mass flux of substance j, it is necessary to put Equation 3.2 in its molar form, as shown in Equation 3.3.

$$F_j = \frac{F_j}{M_j} = -\hat{\rho} \kappa_j \frac{\partial C_j}{\partial z} \qquad (3.3)$$

Where F_j is the molar flux of substance j [mol m^{-2} s^{-1}], F'_j is the flux density of a substance [kg m^{-2} s^{-1}], M_j is the molar mass of j [g mol^{-1}], $\hat{\rho}$ is the molar density of air [mol m^{-3}], κ_j is the diffusivity of substance j [m^2 s^{-1}], and $\frac{\partial C_j}{\partial z}$ is the gradient molar concentration of j (C_j) [mol mol^{-1}] throughout a distance z [m]. The meaning of Equation 3.3 could be better understood by analysing Figure 3.2.

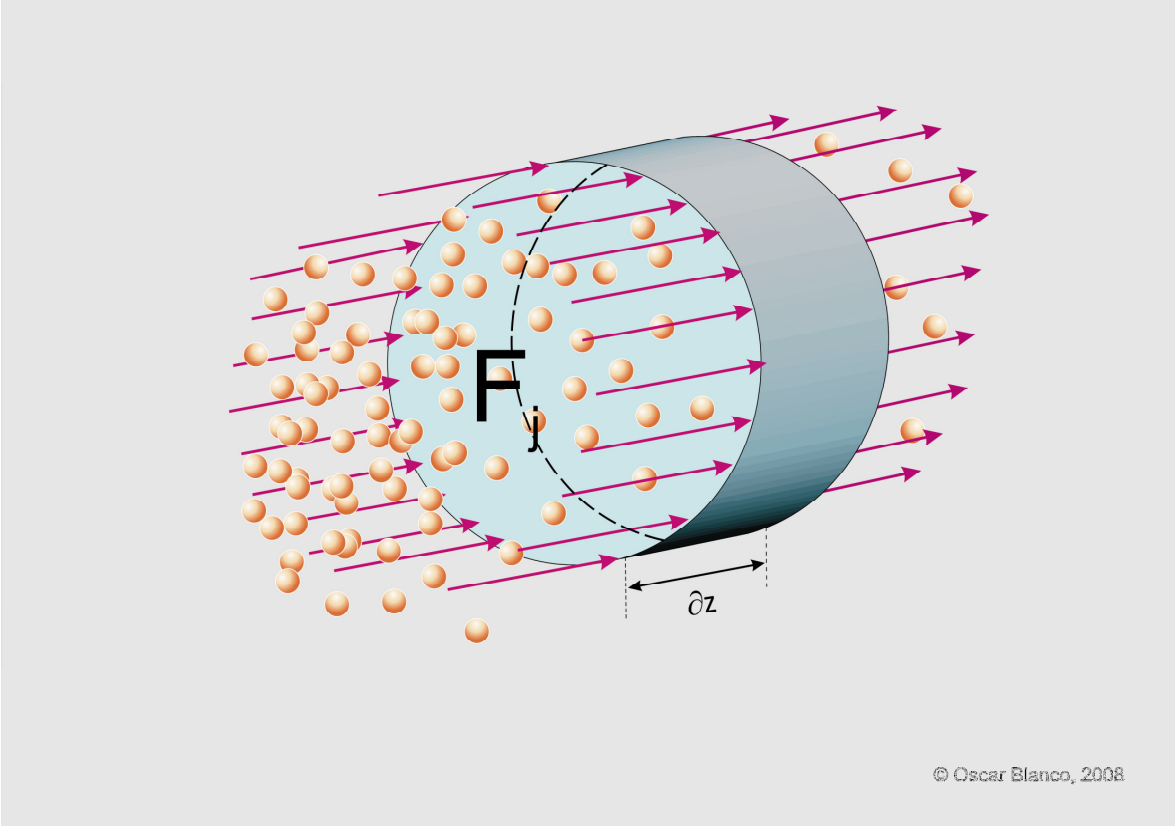


Figure 3.2. *Components of molar flow through a pipe. F_j: Molar flux; δz: distance throughout which the molar gradient is established. The gradient molar concentration is represented by the decreasing number of particles from left to right.*

For heat transfer, Fourier's law establishes that heat flow ($\mathcal{H}$) [W m^{-2}] is the result of the product between the thermal conductivity of the air (κ_a) [W m^{-2} s^{-1}] and a thermal gradient $(\frac{\partial T}{\partial z})$ [°C m^{-1}], being κ_a the constant of proportionality and $\frac{\partial T}{\partial z}$ the thermal gradient acting as the driving force (Equation 3.4).

$$\mathcal{H} = -\kappa_a \frac{\partial T}{\partial z} \qquad (3.4)$$

As stated in Chapter 2, open biological systems maintain their *integrality* by exporting heat and mass to the environment. As will be seen later in this chapter, part of the heat produced by the animal is dissipated as vapour. Considering this close bond between

dissipation of heat and matter, the expression of Fourier's equation in terms of molar flux of heat may be beneficial when analysing the heat balance of a moist body. Equation 3.5 is the molar expression of Equation 3.4.

$$\mathcal{H} = -\hat{\rho} c_p \frac{\partial T}{\partial z} \kappa = -\hat{\rho} c_p \frac{\partial T}{\partial z} \frac{\mathcal{k}_a}{c_p} \qquad (3.5)$$

where $\hat{\rho}$ is the molar density of air [mol m^{-3}], c_p is the molar specific heat of air (29.3 J mol^{-1}), κ is the thermal diffusivity of the air [m^2 s^{-1}], $\mathcal{k}_a$ is the thermal conductivity of the air [W m^{-1} K^{-1}].

Heat and mass transfer present certain analogies with the conduction of electricity through an electric circuit (Bakken, 1976; McArthur, 1981a,b; McArthur, 1987; Campbell and Norman, 1998; among others). Ohm's Law, which explains the way in which electricity is conducted, has been combined with Fick's and Fourier's laws to understand, simulate and calculate the heat and matter transfers among bodies and between bodies and their surrounding environment. This resource is extensively used by environmental physiologists. Figure 3.3 shows the heat circuit in the kettle of Figure 3.1.

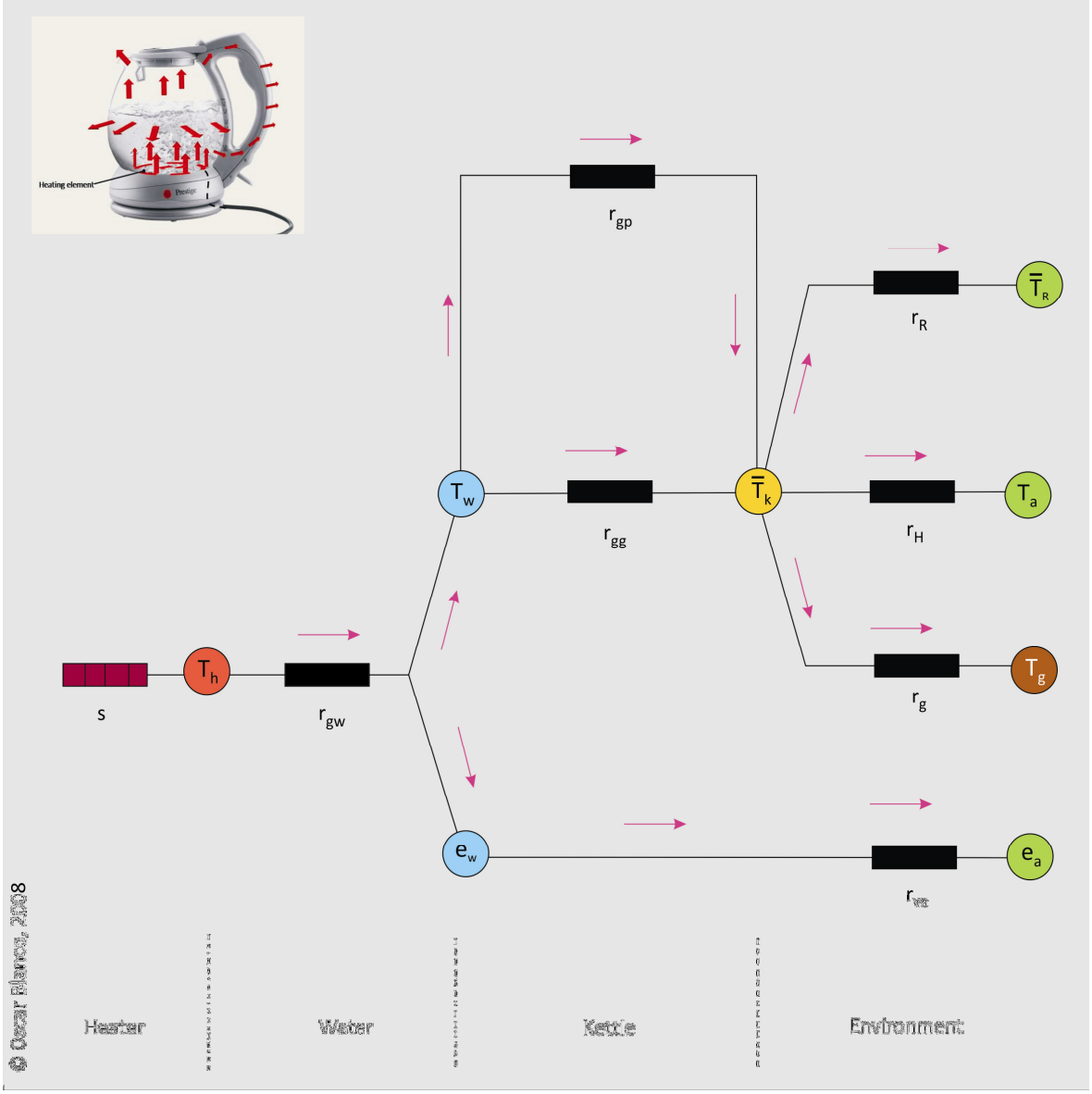


Figure 3.3. *Representation of the heat transfer in the system "boiling kettle" in the form of thermal circuit. The nodes (coloured circles) represent the temperature at the interface between a given component of the circuit and the next component (T_h is the temperature of the heater, T_w is the temperature of the water, $\bar{T}_k$ is the average surface temperature of the kettle) or the vapour pressure at the interface between water and air (e_w). The circles at the end of the circuit show the characteristics of the surrounding environment ($\bar{T}_{R_a}$ is the mean ambient radiant temperature, T_a is the ambient temperature, T_g is the temperature of the surface where the kettle is resting, and e_a is the vapour pressure of the air). The red rectangle at the starting point of the circuit (s) represents the heating element of the kettle*

(heat source). The black rectangles represent the thermal resistances of each of the components of the circuit (r_{g_w} is the thermal resistance of the water to heat transfer by conduction, r_{g_p} is the thermal resistance of the plastic component of the kettle to heat transfer by conduction, r_{g_g} is the thermal resistance of the glass component of the kettle to heat transfer by conduction, r_R is the thermal resistance of the boundary layer to heat transfer by radiation, r_H is the thermal resistance of the boundary layer to heat transfer by convection, r_g is the thermal resistance of the surface underneath the kettle to heat transfer by conduction, and r_{v_a} is the resistance of the boundary layer to water vapour transfer) (after Bakken, 1976).

The resistances to heat transfer (r) show the impedance imposed by each of the components of the system. Although the concept of thermal resistance has been widely applied in environmental physiology, works such as those of Bakken (1976, 1990), Bakken *et al*. (1981) and Campbell and Norman (1998) proposed instead the use of conductance (g) as a more meaningful value. The relationship between r and g is an inverse one, as shown in Equation 3.6

$$r = \frac{1}{g} \qquad (3.6)$$

In this thesis, the author has opted for the utilisation of resistances, due to the fact that it is the term most frequently used in environmental physiology.

There are different ways of expressing the values of resistances depending on the approach to the study of heat transfer. All are valid insofar as they are used in the correct context. Classically, when studying heat transfer using Fourier's law, the heat transfer capacity of a certain component of a system is expressed in terms of thermal conductivity (k) [W m^{-1} K^{-1}].

Monteith (1974) and Campbell (1977) proposed the concept of thermal resistance (r).

Since this parameter was derived considering Fick's equation for heat transfer (equation 3.5), it is expressed in units of m s^{-1}. This form of expressing heat transfer impedance has been utilised in more modern works, normally when modelling heat exchange in living systems (McArthur, 1981a,b; McArthur, 1987; Monteith and Unsworth, 1990, among others).[8]

A more comprehensive approach is that suggested by Campbell and Norman (1998) in which the resistances have been derived after the expression of heat transfer in molar terms (Equation 3.5). The value of the thermal resistance (r_H) of a certain component is given by Equation 3.7 (based on Equation 3.5).

$$r_H = \frac{\Delta z}{\hat{\rho}\kappa} \qquad (3.7)$$

When the heat transfer is stated in molar terms, the resistance is expressed in units of m^2 s mol^{-1}.

The author of this thesis has previously followed the approach of Monteith (1974) and Campbell (1977) in order to be coherent with his previous works (Blanco and Gous, 2006a, b, c; Blanco *et al*., 2003, 2004a, b) and with most of the literature in environmental physiology.

3.4.1. Serial and parallel arrangements

A closer observation of Figure 3.3 shows that resistances in the system "boiling kettle" are arranged following two different patterns. Firstly, if one considers the thermal resistance of water to heat transfer by conduction (r_{g_w}), the thermal resistance of the glass component of the kettle to heat transfer by conduction (r_{g_g}) and the thermal resistance of the surrounding air to convective heat transfer (r_H), they show an uninterrupted chain of resistances through which heat flows. Such an arrangement is a

[8] *A more complete explanation of the origin of the [m s^{-1}] units is given in Appendix 1.*

serial one and it is said that those resistances work *in series*.

Following Ohm's Law, Equation 3.8.1 calculates the total thermal resistance for the serial arrangement comprising r_{gw}, r_{gg} and r_H. Equation 3.8.2 is the general form to be used in this thesis, considering a serial arrangement of n resistances.

$$r_T = r_{g_w} + r_{g_g} + r_H \tag{3.8.1}$$

$$r_T = r_1 + r_2 + \cdots + r_{n^{th}} \tag{3.8.2}$$

where $r_{n^{th}}$ is the resistance of the n^{th}element of the series.

Secondly, the resistances r_{g_g} and $r_{g_p}$are impeding the heat from reaching the external surface of the kettle (Fig. 3.3). It is said that both are working *in parallel*, determining the amount of heat reaching the interface between kettle and air. Equation 3.9.1 shows the estimation of the total resistance of the kettle material (glass and plastic) following Ohm's Law for parallel arrangements. Equation 3.9.2 shows the general form used in this thesis to estimate the total resistance for parallel arrangements of n resistances.

$$r_T = (r_{g_g}^{-1} + r_{g_p}^{-1})^{-1} \tag{3.9.1}$$

$$r_T = (r_1^{-1} + r_2^{-1} + \cdots + r_{n^{th}}^{-1})^{-1} \tag{3.9.2}$$

where $r_{n^{th}}$ is the value of the resistance of the n^{th}parallel component.

After this brief analysis of the generalities of heat and mass transfer, the following sections apply these main concepts to the different situations under which a system exchanges heat and matter with its surroundings.

3.5. Mechanisms of heat transfer

From Figure 3.1, it is evident that heat is transferred from the element to the water and from the water to its surroundings in different ways. These mechanisms differ, to a certain extent, from those responsible for the mass transfer from the kettle to the environment. Each of those mechanisms contributes to the heat balance of the system *boiling kettle*. The magnitude of their individual contributions depends on a series of factors and characteristics proper of the system and the thermal properties of the environment with which the system is exchanging heat and matter.

Traditionally, heat transfer mechanisms are classified according to the change in temperature produced in the medium receiving heat. If a heat transfer mechanism induces a change of temperature in the medium to which the heat is dissipated (i.e. the change can be *sensed* by a thermometer), then the heat is transferred in a *sensible* way. Conversely, if the heat transferred does not produce any alterations in the translational kinetic energy of the receiving medium, then that mechanism is classified as *latent heat transfer*.

3.5.1. Sensible heat transfer

There are three different mechanisms of sensible heat transfer: conduction, convection and radiation. Although each has very distinctive characteristics, all respond to two general rules. Firstly, the heat transfer follows a thermal gradient (Equations 3.4 and 3.5), moving from a point of higher temperature to a cooler one.

The second rule states that, unless the warmer object has an internal heat source, the heat transfer between two objects (or between an object and its surroundings) will continue until the translational kinetic energy of both objects becomes the same. The heat loss from a *small* object to an infinitely big space constitutes another exception to this rule.

3.5.1.1. Heat transfer by conduction

The reader would agree that ice-cream is one of the best things of life. After what has been discussed in the previous sections, it should be agreed that the creamy consistency of a good Italian ice-cream is the result of its low translational kinetic energy. Furthermore, the ordered structure of the crystallised ingredients can only be maintained if the level of heat of the mix, and consequently its entropy, is kept constantly low. [9]

Few things compare to the disappointment of finding out that the ice-cream inside a plastic container has melted on the way home. Once the ice-cream has been removed from the cold environment of the fridge, the lifespan of its crystalline structure will depend on how fast the cream gains heat from the surrounding environment.

The heat will reach the cream after passing through the walls of the container. This type of heat transfer following a thermal gradient *across* a solid medium is called *conduction*. Once the heat had reached the internal surface of the container it is transferred to the ice-cream in direct contact with the walls of the container. This constitutes a second type of heat transfer by *conduction*, between two contacting surfaces. From the contact surface, the heat distributes to the rest of the ice-cream following the first mechanism of conduction.

The amount and direction of heat conducted across a solid medium or between to surfaces depends on a thermal gradient between the two contacting surfaces, or between two points in the conducting medium. After the initial

[9] *As a matter of fact, the entropy of the cream has been taken away by the freezer (or the ice-cream machine) and then dissipated to the environment by the fridge condenser. This is a good example of a system acquiring order and increasing its level of complexity by the production of negentropy, as indicated in chapter 2.*

instant, the heat transfer continues until the thermal gradient between the two points or surfaces become zero, i.e. until thermal equilibrium has been reached[10,11]. In our example, the lifespan of the structure of the ice-cream when kept in a container will be shorter on a hot summer day. The melting process will continue until the temperature of the entire system (container walls and ice-cream) equals the ambient temperature (T_a).[12]

Another factor determining heat transfer by conduction is the time of exposure. The longer the time of exposure, the higher the total amount of heat conducted. In our example, the longer we take to return home from the ice-cream parlour, the higher the amount of heat conducted to the ice-cream and the higher its translational kinetic energy.

The type of material through which the heat is conducted plays also an important role determining the amount of heat transferred by conduction. As commented in section 3.4, the parameter *coefficient of thermal conductivity* (k) describes the capacity of a given material to conduct heat, expressing it as the amount of heat conducted through a piece of such a material of a unit of length and a section area of a squared unit during a unit of time, when there is

---

[10] *It is interesting to remark that, since the freezer constantly takes the negentropy from the ice-cram mix, the ice-cream is kept away from reaching equilibrium with the environment, maintaining in that way its ordered structure. Once outside the fridge, the rapidity at which it gains entropy (and losses structure) will depend on the thermal gradient between ice-cream and environment, as well as on the heat conduction capacity of the container.*

[11] *In cases where heat conduction is registered between a heat source and a heat sink, sometimes equilibrium may not be reached. Once again, that would only happen if the system possesses a mechanism to dissipate entropy, or in cases where the heat sink is so big (→∞) that the heat transferred to it may not generate considerable changes on its translational kinetic internal energy.*

[12] *As it will be discussed later in this thesis, the term ambient temperature has been ambiguously used by different authors. According to the Glossary of Terms for Thermal Physiology (IUPS Thermal Commission, 2001), T_a is "the average temperature of a gaseous or liquid environment (usually air or water) surrounding a body, as measured outside the thermal and hydrodynamic boundary layers that overlay the body". It is synonym of dry bulb temperature in a gaseous medium.*

a thermal gradient of 1 K between the two opposite faces. As previously said, the value of k is expressed in units of W m K^{-1}.

In our example, ice-cream kept in a polystyrene container will maintain its frozen structure longer than if it were kept in a plastic box. This is due to the fact that polystyrene contains micro-bubbles of gas of low k, which reduces the total k of the material to values close to zero.

The last factor determining the amount of heat transferred by conduction is the area through which the heat is transferred, namely the area of contact between two bodies at different temperature, or the section area of an object for heat conduction across a solid medium.

Following a classical approach, the rate of heat transfer by conduction through the walls of the ice-cream container can be mathematically expressed as shown in Equation 3.10.

$$G = k \times A \times \frac{\Delta T}{\Delta l} \times \Delta t \qquad (3.10)$$

where G is the heat conducted from the surrounding environment to the ice-cream through the walls of the container [W m^{-2}], k is the coefficient of thermal conductivity of the ice-cream container [W m^{-1} K^{-1}], A is the surface of the area through which conduction takes place [m^{-2}], ΔT is the temperature difference between outer and inner face of the container [K], Δl is the thickness of the container (i.e. the distance through which the heat flows) [m], and Δt is the time frame considered.

The molar expression of heat conduction in terms of Ohm's law is presented in Equation 3.11.

$$G = c\frac{(T_{out} - T_{in})}{r_{gp}} \qquad (3.11)$$

Where c is the specific heat of the substance (in this case plastic) [J mol^{-1} °C^{-1}][13], T_{out} is the temperature of the outer surface of the ice-container [°C], T_{in} is the temperature of the inner surface of the ice-cream container [°C], and r_{gp} is the thermal resistance of the plastic to heat transfer by conduction [m^2 s mol^{-1}].

3.5.1.2. Heat transfer by convection

Heat may be exchanged between an object and a fluid that is moving over its surface. In cases in which the surface temperature of the object is higher than the ambient temperature, heat is transferred from the object to the air by convection. If the air is warmer than the surface of the object, the object gains heat.

According to the type of driving force responsible for the airflow over the surface of an object, convection can be classified into *natural convection* and *forced convection*. This section is dedicated to the study of the factors and laws governing the different types of convective heat transfer.

Heat transfer by natural convection

[13] *The value of the coefficient of thermal conductivity (k) used in the classical calculations is inversely proportional to the value of c for a given material.*

In the first part of the analysis of heat transfer by convection we will use a system such as that described in Figure 3.4. It consists on an aluminium foil windmill placed at a certain distance above a lit candle. If the windmill is placed in the right position, one should expect it to spin.

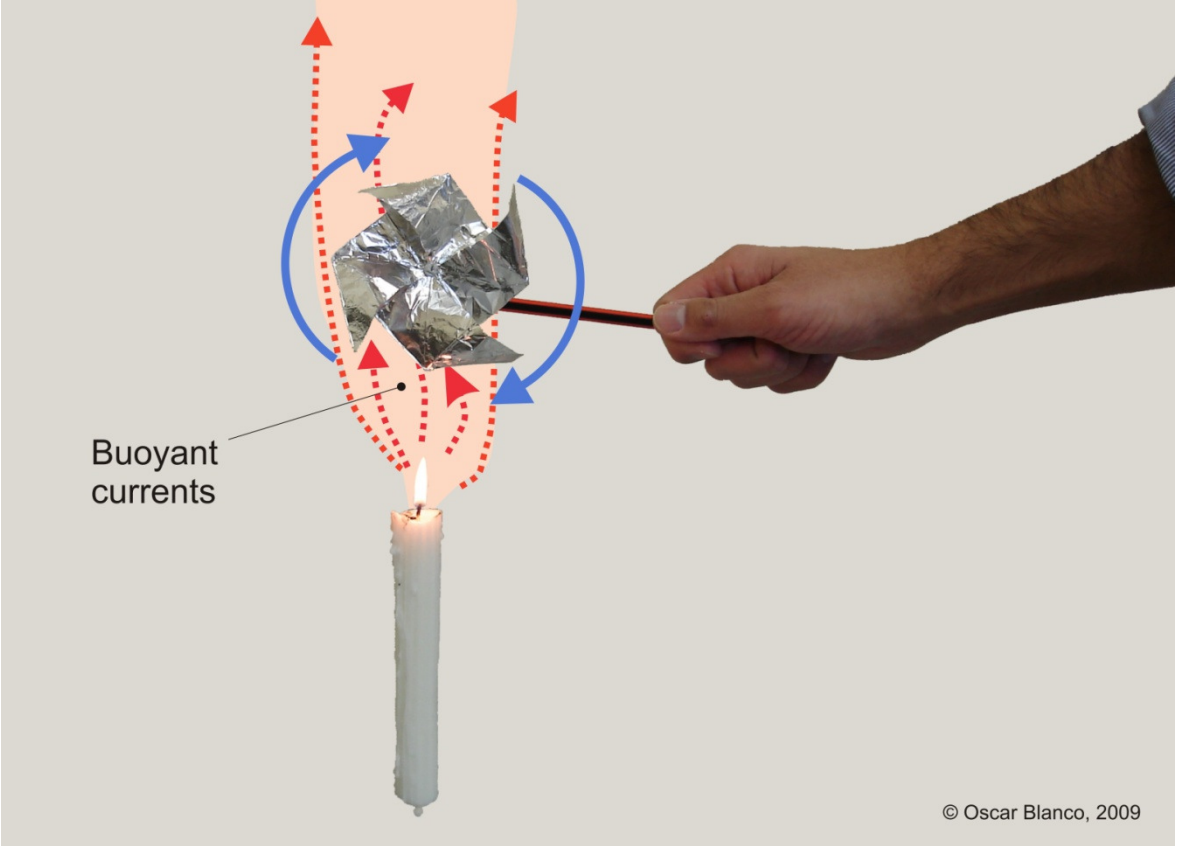


Figure 3.4. *Teaching tool to demonstrate the formation of buoyant currents (in red) above a lit candle. When the windmill is placed on the buoyant currents, it is expected to spin (blue arrows).*

This effective teaching example is founded on very elementary principles. The fire increases the translational kinetic energy of its surrounding air, increasing the temperature of the mass of air at constant pressure. According to the law of ideal gases (Equation 3.12):

$$PV = n\mathcal{R}\mathbb{T} \qquad (3.12)$$

where P is the pressure to which a certain mass of air is subjected [kPa], V is the volume of the mass of air under study [m^3], n is the amount of substance of the gas [moles], $\mathcal{R}$ is the constant of the gases [8.31 J K^{-1} mol^{-1}] and $\mathbb{T}$ is the absolute temperature of the mass of air [K].

Observing Equation 3.12, when a certain amount of air (n) is heated by the candle, its volume increases. Under those conditions, according to Equation 3.13, the density of that mass of air (ρ_a) will decrease.

$$\rho_a = \frac{n}{V} = \frac{P}{\mathcal{R}\mathbb{T}} \qquad (3.13)$$

Less dense air rises, being replaced by cooler, denser air. As the translational kinetic energy of the incoming air rises, its density decreases and the above described process is repeated. This phenomenon continues for as long as the fire is burning, perpetuating the air circulation and resulting in the formation of ascending buoyant currents. The windmill spins when it intercepts such currents.

In the same way as the candle warms up the surrounding air, any object submerged in still air, with a surface temperature higher than the air in contact with it, will transfer heat to the air, generating buoyant currents. This mechanism of heat transfer is called *natural convection*.

Heat transfer by forced convection

The PC you use every day produces considerable amounts of heat. The operation of your processor would fail if it were not for the ventilation system installed in the computer enclosure.

This simple ventilation system normally consists of an extractor fan placed in the upper half of the back surface of the PC and two inlets, one at the bottom front of the PC and a second below the fan. As distinct from the case of natural convection, the air in this case does not move due to buoyant forces, but is forced above the surface of the components by a fan. Due to the fact that a greater mass of air is in contact with the dissipating surface per unit of time, the total amount of heat transferred to the air for the same thermal gradient is generally higher than in the case of natural convection for the same period of time. This process is called *forced convection* and it can be verified on the surface of any object over which a draught of air, cooler than the object surface, is drawn.

The magnitude of the heat that an object dissipates by both natural and forced convection depends on the specific thermodynamic and fluid dynamic properties of the boundary layer (*BL*), a thin layer of air around the object.

Boundary layer and the factors determining its characteristics

Let us consider a fluid with a laminar flow, i.e. a flow composed of flat layers in which the particles of fluid move steadily, at the same velocity and following streamlines (Videler, 1993). According to Streeter *et al*. (1998), if an object is submerged into that fluid (e.g. air or water), the velocity of the fluid in direct contact with the body surface is reduced by the effect of viscous shear. If it were possible to assess the properties of the fluid of the layers progressively further away from the surface of the object, one would realise that the velocity increases asymptotically until it reaches the value of the velocity of free flow, due to a gradual reduction of the shear forces between molecules. The zone of transition surrounding the body immersed in the fluid is called boundary layer (*BL*) (Videler, 1993; Streeter *et al*., 1998). The

sole introduction of a body into a fluid renders a *BL*.

Two types of forces contribute to the formation of *BL*, namely *inertial forces*, related to the movement of the fluid over the surface of the body, and *viscous forces*, related to the shear between the fluid and the surface and between the different layers of fluid. When the inertial forces predominate, the flow tends to become *turbulent*, i.e. the laminar arrangement of the boundary layer is perturbed by the formation of vortices. Conversely, if viscous forces predominate, then the flow is laminar (Vogel, 1981; Videler, 1993; Streeter *et al*., 1998). The type of flow of *BL* becomes extremely important when estimating the amount of heat that a body dissipates by convection.

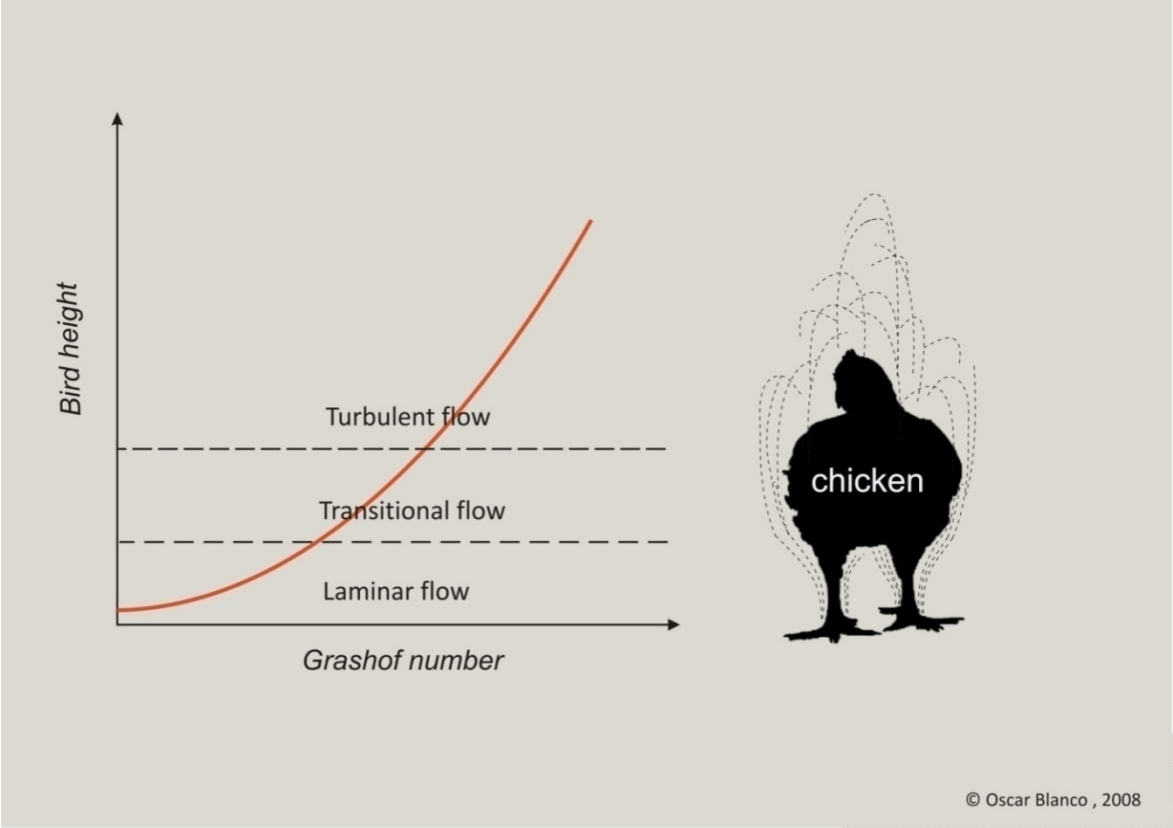


Figure 3.5. *Different flow patterns in the boundary layer of a broiler chicken in still air. The increase of Grashof number with height is translated into a change from laminar flow around the legs to a turbulent flow at the top of the chicken (after Mount, 1979).*

Other factors determining the *BL* flow are size and shape of the body, volume of fluid in the boundary layer, position of the body with respect to the air flow, volume of air moving over the body surface and texture of the body surface.

For a chicken placed in still air and transferring heat by convection, the *BL* regime may vary according to Figure 3.5. The flow that is laminar in the limbs gradually becomes turbulent towards the dorsal region of the bird. This change is due to the drop in pressure on the leeward side of the body as well as to the progressive increase in *BL* volume. In order to model heat dissipation by convection, only one *BL* regimen (normally a transitional regimen) has been considered in this thesis.

Dimensionless relationships determining flow regimen and heat dissipation

The analysis of the fluid flow around the body has proven to be a task of extreme complexity. The results of experiments performed in wind tunnels on objects of small dimensions and different shapes have allowed the establishment of different adimensional relationships between the variables affecting the flow (Mount, 1979). Those values can be used to simulate the behaviour of the boundary layer in bigger objects similar in shape to the experimental objects without incurring important errors.

In the following paragraphs, the adimensional numbers utilised when analysing heat dissipation by convection are discussed.

Reynold's number (Re)

Reynold's number represents the ratio of inertial to viscous forces. Its mathematical expression is given in Equation 3.14, taken from Videler (1993) and Campbell and Norman (1998)

$$Re = \frac{ud}{\nu} \qquad (3.14)$$

where u is the velocity of the fluid stream (air in this case) [m s^{-1}], d is the characteristic dimension of the body [m] and ν is the kinematic viscosity of the fluid at a given temperature [m^2 s^{-1}].

The values of kinematic viscosity for a mass of air at 101 kPa of atmospheric pressure have been tabulated at different temperatures. In order to make the value of ν easily available when modelling, ν has been regressed against time, obtaining the linear Equation 3.15.

$$\nu = 0.090T_a + 13.26 \qquad (3.15)$$
$$(R^2 = 0.999)$$

High values of Re are related to a predominance of inertial forces and the onset of turbulent flows in the boundary layer. The critical value of Re varies depending on many factors. Vogel (1981) proposed the relationship between different values of Re and the type of flow around a sphere, as shown in Table 3.1.

Table 3.1. *Relationship between the value of Re and type of flow for a sphere (after Vogel, 1981)*

Value of Re	Flow characteristics	Type of flow
< 10	Creeping flow	Laminar
$10 < Re < 40$	Attached vortices in the leeward side of the sphere	Transition

$40 < Re < 200{,}000$	Von Karman Trail: There are an increasing number of vortices on the leeward side of the sphere. The flow streamlines are almost lost.	Transition
$Re > 200{,}000$	Fully turbulent wake	Turbulent

Campbell and Norman (1998) reported that for a smooth, flat plate under conditions normally found in a poultry house the critical value of Reynolds is around 5 X 10^5.

Grashof Number (Gr)

This determines the ratio of the product of buoyant and inertial forces to the value of viscous forces (Mount, 1979; Campbell and Norman, 1998; Streeter *et al*., 1998). Its mathematical expression is presented in Equation 3.16.

$$Gr = \frac{a g d^3 \partial T}{\nu^2} = \frac{g d^3 \partial T}{\mathbb{T}_a \nu^2} \qquad (3.16)$$

where a is the coefficient of thermal expansion of the air ($a = T^{-1}$), being $\mathbb{T}_a$ the absolute temperature of air [K], g is the gravitational constant [9.8 m s^{-2}], d is the characteristic dimension for the body [m], ∂T is the thermal difference between the surface the surrounding air [°C], and ν is the kinematic viscosity of the air at a given temperature [m^2 s^{-1}].

Grashof number has been traditionally used in the analysis of natural

convection (Streeter *et al*., 1998). High values of Gr show a predominance of the convective and inertial forces over the viscous ones, which translates into a turbulent flow. Laminar flows are associated with low Gr numbers.

Reconsidering once again the movement of air around a chicken in the still and cool environment of Figure 3.5, the progressive change of flow regimen of the boundary layer at increasing distances from the floor is related to a constant increase of Gr.

Prandtl Number (Pr)

The Prandtl Number (Pr) shows the ratio of heat diffusion to momentum diffusion (Streeter *et al.*, 1998) or, in other words, the ratio of heat diffusion to kinematic viscosity (Equation 3.17).

$$Pr = \frac{\nu c_p}{k} = \frac{\nu}{D_H} \qquad (3.17)$$

The second part of Equation 3.17 has been proposed by Streeter *et al*. (1998), where ν is the kinematic viscosity of the air at a given temperature [$m^2\ s^{-1}$], c_p is the specific heat of air at constant pressure[14] [1.005 kJ $kg^{-1}\ K^{-1}$], and k_a is the coefficient of thermal conductivity of the air at a given conditions of pressure and temperature [W $m^{-1}\ K^{-1}$].

[14] *The constant c_p acquires different values and units depending on the way in which the analysis of heat transfer is approached. Streeter et al. (1998) tackles the subject from the engineering point of view, where molar form of heat exchange is not so important. Therefore, the analysis is performed following a more classic approach. The value and units of c_p [J $kg^{-1}\ K^{-1}$] are different from the ones proposed in equation 3.5 by Campbell and Norman (1998) (c_p = 29.3 J mol^{-1}), who had approached the topic from a biophysical point of view. From that point of view the expression of c_p in terms of the molar specific heat of air at constant temperature becomes relevant.*

The third part of Equation 3.17 has been taken from Campbell and Norman (1998). In fact it is exactly the same as the second part, since κ (or the thermal diffusivity of the air) [m^2 s^{-1}] is calculated as the quotient between k and c_p (Equation 3.5).[15]

In simpler terms, assuming a fluid flow, it gives an idea of how rapidly the heat is transferred in that fluid. Low values of Pr show a very rapid transfer of heat due to conduction of heat through the fluid; whilst high Pr values show that the heat transfer is produced in a slower way by movement of the molecules of the fluid. According to Vogel (1981), high values of Pr indicate good insulation.

Nusselt Number (Nu)

Nusselt number is also known as the dimensionless conductance of a fluid (e.g. air) (Campbell and Norman, 1998). According to Streeter *et al*. (1998), it is an indication of the magnitude of convection over conduction through the boundary layer during heat transfer. Equation 3.18 gives the mathematical expression of Nu.

$$Nu = \frac{hd}{k} = \frac{g_H d}{\hat{\rho} D_H} = \frac{d}{\hat{\rho} r_H D_H} \qquad (3.18)$$

The second part of the equation shows the classical approach of fluid mechanics (Streeter *et al*., 1998), where h is the convective heat transfer coefficient of air [W m^{-2} K^{-1}], d is the characteristic dimension of the object [m], and k_a is the thermal conductivity of the air [W m^{-1} K^{-1}].

[15] *Although the approach that Streeter et al. (1998) and Campbell and Norman (1998) have taken to express Pr is different (classical form the first ones and its molar form the second ones) the meaning of the equation as well as the final value are exactly the same.*

The third part of Equation 3.18 shows the biophysical interpretation of Nu (Campbell and Norman, 1998), where g_H is the conductance of the boundary layer [mol m^{-2} s^{-1}], $\hat{\rho}$ is the molar density of the air [mol m^{-3}] and κ is the or the thermal diffusivity of the air [m^2 s^{-1}].

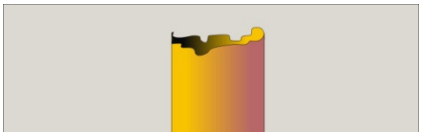
The fourth part of the equation shows the biophysical approach to Nu, but this time expressed as a function of the resistance of the boundary layer to heat transfer by convection (r_H) [m^2 s mol^{-1}].

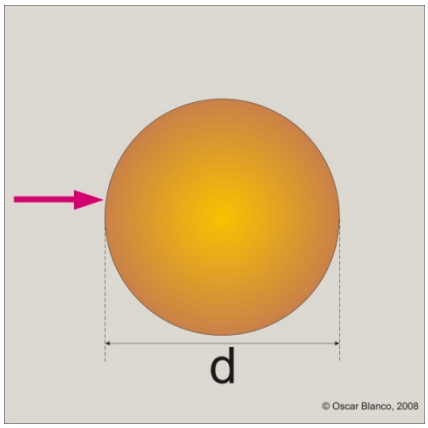
Nu can be as well represented as a function of other adimensional numbers. For heat transfer by forced convection, Nu is estimated according to Equation 3.19 (Mount, 1979).

$$Nu = A\, Re^{n} \qquad (3.19)$$

Where A and n are parameters with magnitude depending on whether the flow is laminar or turbulent, on the shape of the body and on its orientation.

Table 3.2. *Values of factors A and n and equations to estimate Nu for cylinders and spheres experiencing heat loss by forced convection under different of air flow regimes (after Monteith, 1973, and Monteith and Unsworth, 1990).*

Shape	Case	Range of Re	A	n	Nu
Cylinders					
	Narrow	1-4	0.89	0.33	$0.89Re^{0.33}$
	range	4-40	0.82	0.39	$0.82Re^{0.39}$

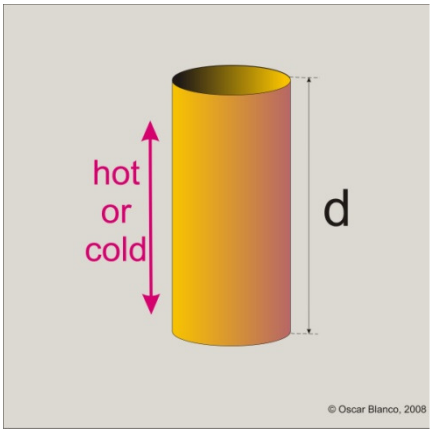
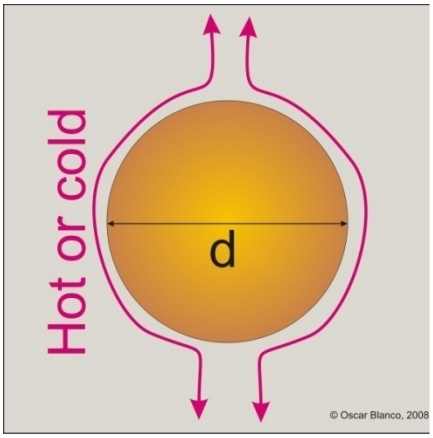
of Reynolds numbers	40-4 x 10^3	0.62	0.47	$0.62Re^{0.47}$
	4 x 10^3-4 x 10^4	0.17	0.62	$0.17Re^{0.62}$
	4 x 10^4-4 x 10^5	0.024	0.81	$0.024Re^{0.81}$
Wide range of Reynolds numbers	10^{-1}-10^3	0.51	0.52	$0.32+0.51Re^{0.52}$
	10^3-5x10^4	0.24	0.60	$0.24Re^{0.60}$
Spheres				
	0-300	0.54	0.5	$2+0.54Re^{0.5}$
	50-1.5x105	0.34	0.6	$0.34Re^{0.6}$

Notes: Arrows show the direction of airflow

The symbol **d** *represents the characteristic dimension of the shape*

Table 3.3. *Values of factors B and m and equations to estimate* **Nu** *for vertical cylinders and spheres experiencing heat loss by natural convection under laminar and turbulent flows (after Monteith, 1973).*

Shape	Range		B	m	Nu
	Laminar flow	Turbulent flow			

Vertical Cylinders				
	$10^4 < Gr < 10^9$	0.58	0.25	$0.58Gr^{0.25}$
	$10^9 < Gr < 10^{12}$	0.11	0.33	$0.11Gr^{0.33}$
Spheres				
	$Gr0.25 > 220$	0.54	0.25	$2+0.54Gr^{0.25}$

Notes:

Arrows show the direction of airflow

The symbol d represents the characteristic dimension of the shape

To estimate the heat dissipated by natural convection, Mount (1979) proposed Equation 3.20 for Nu.

$$Nu = B\,Re^m \qquad (3.20)$$

where B and m are parameters that, similarly to A and n, depend on

the flow regime of BL, as well as on the shape and position of the body respect of the air flow.

The values of A and n for cylinders and spheres experiencing heat loss by forced convection under different types of flow are reported in Table 3.2. The values of B and m for cylinders and spheres under different flow regimes loosing heat by natural convection are presented in Table 3.3. All this information has been taken from Monteith (1973).

Wathes and Clark (1981) have estimated the value of Nu for chickens based on measurements performed in metallic models of birds. These models consisted of a copper sphere, representing the body, to which three cylinders (one representing the head and two for the legs) were attached. The value of Nu for forced convection estimated from their experiments is presented in Equation 3.21.

$$Nu = 2 + 0.79Re^{0.48} \qquad (3.21)$$

Forced or natural convection?

As stated in the previous analysis, the factors determining the value of Nu are different for natural and forced convection. The challenge is then to find out whether a certain surface is dissipating heat by natural or forced convection.

A method with an acceptable reliability is to find the relationship between Re, which expresses the ratio of inertial forces to viscous forces for forced convection, and Gr, which expresses the relationship between buoyant, inertial and viscous forces for natural convection (Vogel, 1981; Campbell and

Norman, 1998 among others). The mathematical expression is shown in Equation 3.22.

$$Y = \frac{Gr}{Re^2} \tag{3.22}$$

Considering that

$$Re = \frac{Inertial\ forces}{Viscous\ forces} \tag{3.23}$$

and that

$$Gr = \frac{Boyancy\ forces\ \times\ Inertial\ forces}{Viscous\ forces^{\,2}} \tag{3.24}$$

then, replacing in Equation 3.21

$$Y = \frac{Boyancy\ forces\ \times\ Inertial\ forces}{Viscous\ forces^{\,2}} \times \frac{Viscous\ forces}{Inerial\ \ forces} \times \frac{Viscous\ forces}{Inerial\ \ forces} \tag{3.25}$$

we obtain

$$Y = \frac{Boyancy\ forces}{Inertial\ forces} \tag{3.26}$$

Consequently, if Y is a large number, the buoyant forces are predominant. Under those conditions, natural convection is verified. Conversely, small values of Y result in inertial forces overcoming the buoyancy forces, rendering heat loss by forced convection. The choice between Equations 3.19 and 3.20 is performed based on these results.

The relationships between different values of Gr/Re^2 and the type of convection as reported by Vogel (1981) are presented in Table 3.4.

Table 3.4. *Ranges of values of Gr/Re^2 determining the type of convection to which an object is subjected (after Vogel, 1981)*

Value of Gr/Re^2	Type of convection
≈1	Both buoyant and inertial forces are significant
<0.1	Pure forced convection
>16	Pure natural convection

Normally there is a combination of natural and forced convection, which is evidenced by a value of Y close to 1. In those situations, in order to estimate the heat dissipation from an object, the predominant process should be considered.

Thermal conductance and thermal resistance of the boundary layer to convective heat transfer

The properties of the boundary layer determine the rate at which an object is exchanging sensible heat by convection with the surrounding environment. The resistance of the boundary layer to convective heat transfer (r_H) can be expressed as a function of Nu according to the general expression presented by Monteith and Unsworth (1990) (Equation 3.27).

$$r_H = \frac{d}{\kappa \mathrm{Nu}} \propto d^{0.4} u^{-0.6} \qquad (3.27)$$

where κ is the thermal diffusivity of still air [$m^2 s^{-1}$], d is the main dimension of the object [m], and u is the air velocity [$s\ m^{-1}$].

As seen in Equation 3.27, small objects experience higher heat losses by convection for a given thermal gradient than bigger objects. This has important thermoregulatory consequences, especially regarding the preservation of heat and body temperature by newly hatched chickens.

As explained above, high values of Gr are related to the onset of turbulent flow regimes. Since Nu is directly proportional to Gr, when heat loss by convection occurs under turbulent conditions the value of r_H is importantly reduced (Equation 3.27).

In cases of objects immersed in a flowing fluid, higher values of u result in increased Re for a given dimension (Equation 3.14) and, consequently, greater values of Nu (Equation 3.19 and Table 3.2). This results in a lower r_H imposed by the boundary layer (Equation 3.27).

Estimating heat loss by convection from an object

The amount of heat exchanged by convection between a body and the surrounding environment is directly proportional to the thermal gradient between body surface and surrounding air and inversely proportional to the value of the thermal resistance of the boundary layer to convective heat transfer (r_H).

Following the general forms presented in Equations 3.5 and 3.7, the rate at which sensible heat loss is exchanged can be estimated according to Equation 3.28.

$$C = \frac{c_p(T_s - T_a)}{r_H} \qquad (3.28)$$

where C is the rate of heat exchange by convection between the body and

the surrounding air [W m^{-2}], c_p is the specific heat of air at constant pressure [J mol^{-1} $°C^{-1}$], T_s is the temperature of the surface of the body (°C), T_a is the ambient temperature, and r_H is the resistance of the boundary layer to heat transfer by convection [m s mol^{-1}].

The value of C is positive when the body is dissipating heat. Conversely, when the ambient temperature is higher than the surface temperature, then C becomes negative and the body gains heat as the air moves over its surface.[16]

3.5.1.3. Heat transfer by radiation

This section studies heat transfer by radiation, the third mechanism of sensible heat transfer. Without incurring much detail, the main concepts necessary to understand the effect of radiant heat on the heat balance of animals and buildings are discussed.

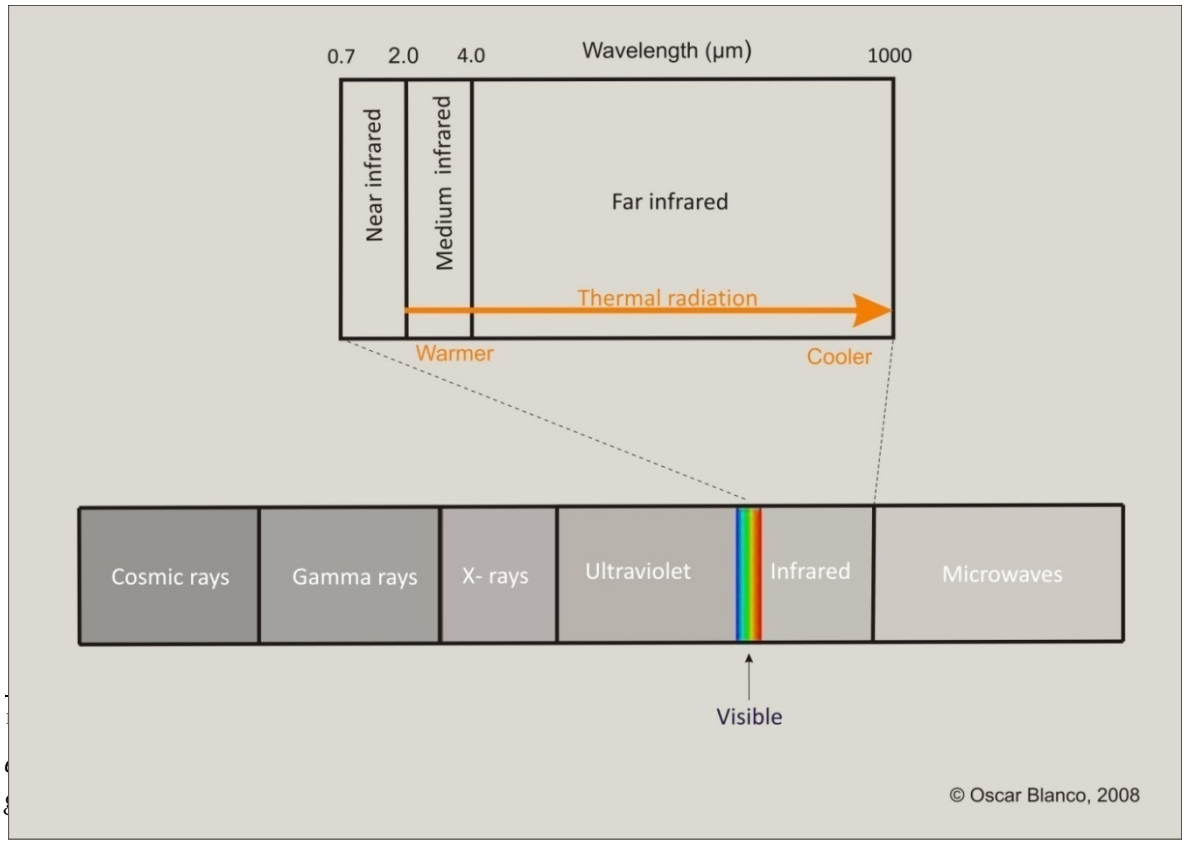


Figure 3.6. *Electromagnetic spectrum showing detail of infrared spectrum (based on pictures taken from* www.discoversomething.com *and* www.daviddarling.info *)*

Radiation is an electromagnetic wave

Radiant heat is part of the electromagnetic spectrum, representing more specifically the infrared fraction (Fig. 3.6).

Electromagnetic waves are the result of the vibration of the molecules on the surface of an object. Their amplitude is inversely related to the temperature of the body emitting the radiation, i.e. the higher the translational kinetic energy of the surface, the shorter the wavelength of the emitted radiation.

The wavelengths of the intermediate and far portions of the infrared spectrum are those related to radiant heat transfer (Fig. 3.6). According to its wavelength, radiation is classified into shortwave (S), produced only by the sun, and longwave (L) produced by any object with a surface temperature above 0 K. The shorter the wave length in the infrared spectrum, the higher the radiant heat transfer.

The relation between radiation and matter

The capacity of matter to emit radiation is called emissivity (ε), which is the proportion between the actual amount of radiation of a certain wavelength produced by the source and a hypothetical maximum value of radiant flux of a certain wavelength $B(\lambda)$.

At the same time, a body is able to absorb a certain amount of incident radiation. The proportion of the incident radiation of a certain wavelength (λ) absorbed by a given body is called absorptivity (α) (Monteith and

Unsworth, 1990; Campbell and Norman, 1998).

A special case is constituted by what are known as *black bodies* or *full radiators* (Monteith and Unsworth, 1990). For these objects, the values of α and ε are both 1, i.e. absorptivity and emissivity are maximum. In such cases, the amount of emitted radiant flux is called $B(\lambda)$. According to Stephan's law, the magnitude of B depends directly on the absolute temperature of the body, as shown in Equation 3.29.

$$B = \sigma \mathbb{T}^4 \qquad (3.29)$$

where σ is the Stephan-Boltzmann constant (5.67×10^{-8} W m^{-2} K^{-1}) and $\mathbb{T}$ is the absolute temperature of the object [K].

Radiation can also be reflected. Reflectivity for a given wavelength ($\varrho(\lambda)$) is the proportion of the incident radiant flux reflected by certain material (Campbell and Norman, 1998). There are two types of reflection: specular and diffuse. In the first case, the incident beam is reflected in an angle equal to the incidence angle, whilst diffuse reflectors scatter the radiation in different directions. In nature, the surfaces normally constitute intermediate forms of reflectors. According to Monteith and Unsworth (1990) smooth surfaces like water and waxy leaves are diffuse reflectors for incidence angles less than 70 °, but become specular when the angle increases.

Finally, radiation can be transmitted. Transmissivity of radiation of a certain wavelength for a given surface ($\tau(\lambda)$) is the fraction of the incident radiation that is transmitted from the surface of an object to the interior of its body (Campbell and Norman, 1998).

The Cosine Law

For a parallel radiant beam, the flux density at the radiated surface depends directly on the angle between the normal to the surface and the radiant beam (Equation 3.30).

$$\phi = \phi_0 cos\vartheta \qquad (3.30)$$

Where ϕ is the flux density at the surface [W m^{-2}], ϕ_0 is the original flux density (or the density at the surface if the beam were parallel to the normal of the surface) [W m^{-2}] and $cos\vartheta$ is the cosine of the angle between the incident beam and the normal to the irradiated surface.

The higher the angle, the bigger the area of the surface affected by the beam and the lower the flux density [W m^{-2}] (Fig. 3.7).

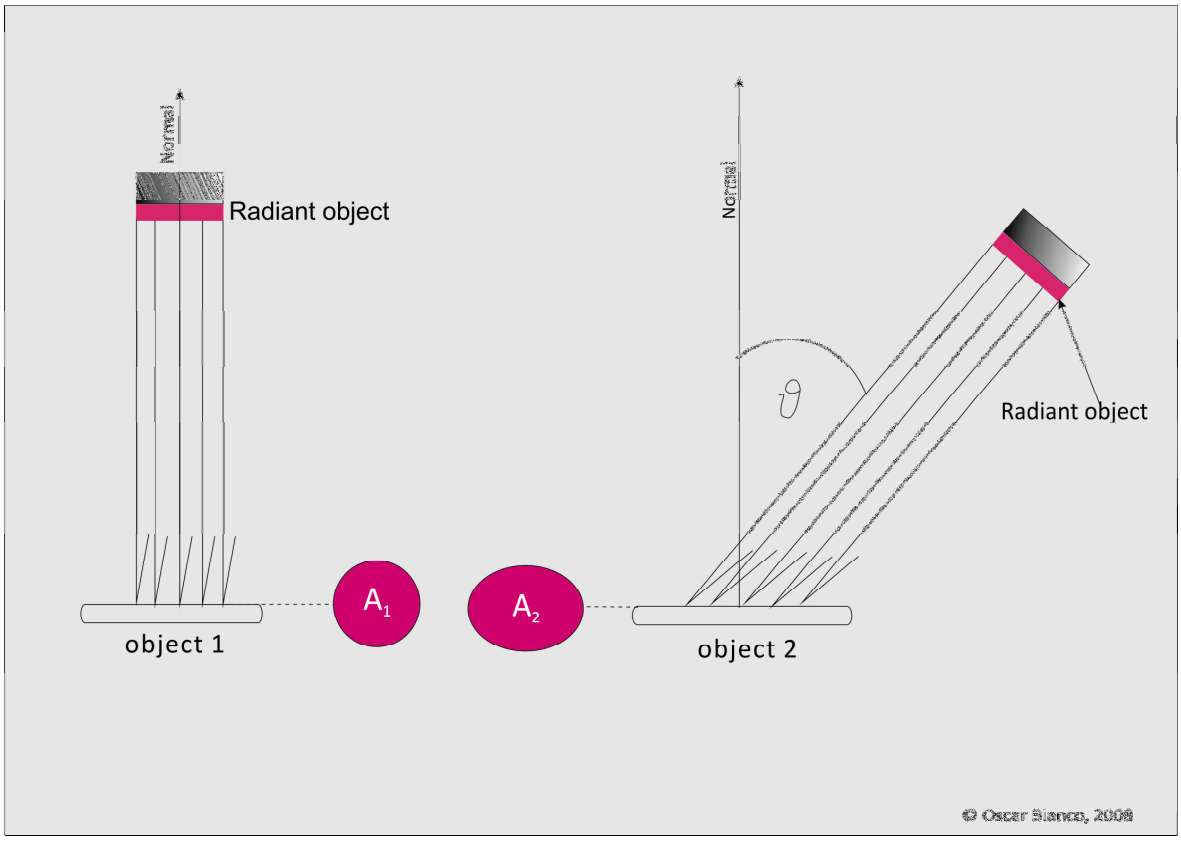


Figure 3.7. *The effect of the incidence angle on the flux density on the irradiated surface. A_1 and A_2 show the surface area that has been irradiated, ϑ: incidence angle with respect to the normal irradiated surface of the object (after Monteith and Unsworth, 1990).*

For beams produced from a point source, i.e. for which rays of the beam are not parallel, the flux density is inversely proportional to the amplitude of the beam angle. One interesting point is that as the source approaches the surface receiving the radiation, the area radiated becomes smaller and the flux density is higher (Fig. 3.8). This is fundamental when managing the intensity and height of conical radiant heaters for chickens during the brooding period.

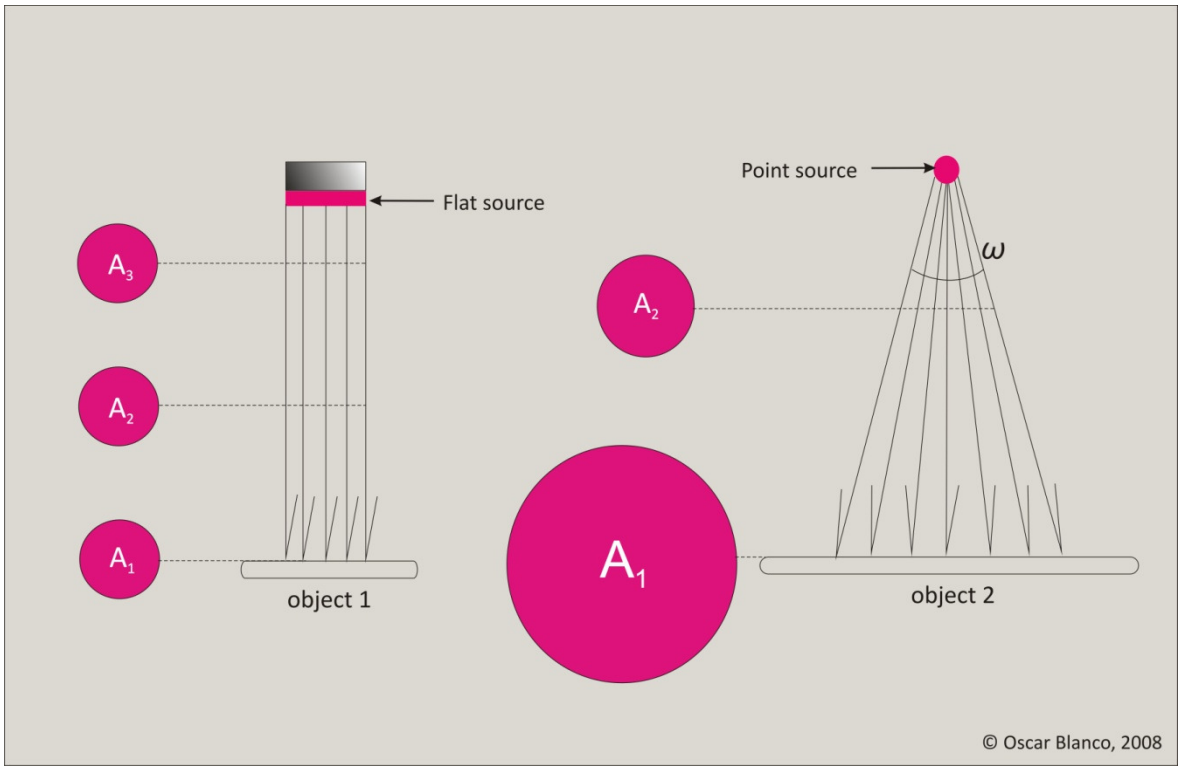


Figure 3.8. *Differences between flux density at different heights for point and flat radiant sources. A:*

The different As show the surface area of the beams at different heights; ω: amplitude of the beam angle (after Monteith and Unsworth, 1990).

Heat exchange by radiation and thermal resistance of the boundary layer to radiant heat transfer (r_R)

The heat exchange by radiation (R) between a body and its surroundings when its surface temperature is similar to the ambient temperature ($T_s \approx T_a$) becomes directly proportional to such thermal gradient.[17]

The temperature of the surface of the object can be written as Equation 3.31 shows.

$$T_s = T_a + \Delta T \qquad (3.31)$$

After performing a binomial expansion of Equation 3.31 and replacing the result for T in 3.29, Monteith and Unsworth (1990) and Campbell and Norman (1998) expressed R in terms of molar flow by including the resistance of the boundary layer to radiant heat transfer (Equation 3.32).

$$R = \sigma T_s^4 - \sigma T_a^4 = 4\sigma T_a^3 (T_s - T_a) = \frac{c_p (T_s - T_a)}{r_R} \qquad (3.32)$$

where c_p is the specific heat of the air at a constant pressure [J mol^{-1} ^{o}C^{-1}] and r_R is the thermal resistance of the boundary layer to radiant heat transfer [m^2 s mol^{-1}].

Based on Equation 3.32, the resistance of the boundary layer to heat transfer

[17] *The thermal differences normally found in nature can be assumed to be small enough to consider $T_s \approx T_a$ (Monteith and Unsworth, 1990)*

by radiation can be estimated by using Equation 3.33.

$$r_R \approx \frac{c_p}{4\sigma T_a^3} \qquad (3.33)$$

It is important to remark that the value of r_R is independent of the value of d. At 298 K (25 ºC), the value of r_R is approximately 300 s m^{-1} (Monteith and Unsworth, 1990) which in the units used by Campbell and Norman (1998) is 7.25 m^2 s mol^{-1}. [18]

For objects of the size of a chicken, the values of r_H and r_R are comparable in magnitude for low air velocities, but r_H becomes significantly smaller than r_R when the air speed increases. This clearly shows that under the latter conditions, convective heat loss is predominant.

3.5.2. Latent heat transfer

Considering now a cup of warm tea, the infusion is exchanging sensible heat with the surrounding environment by convection and radiation through the interface tea-air and by conduction to the walls of the cup.

[18] *In order to convert a value of resistance from s m^{-1} to m^2 s mol^{-1}, it should be divided by the molar volume of air, which measured 20 ºC at sea level is 41.4 mol m^{-3}.*

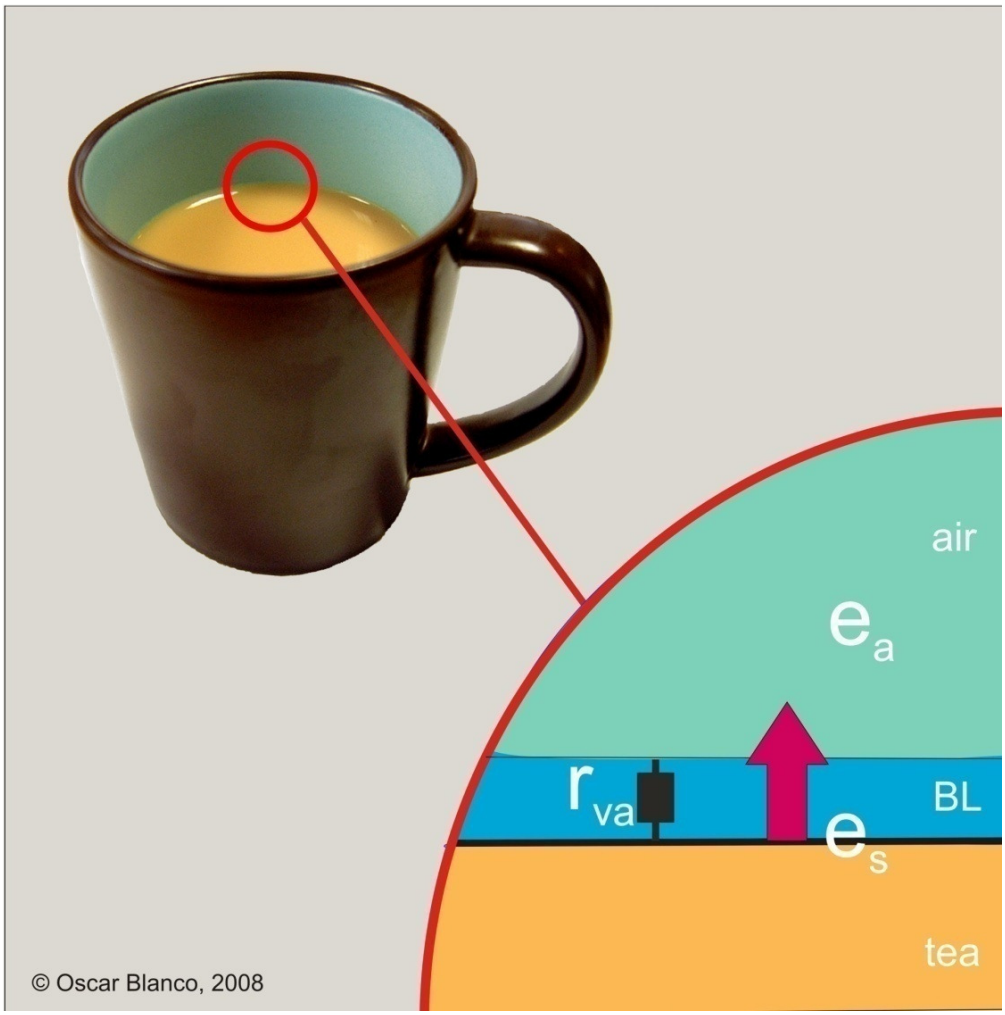


Figure 3.9. *Factors determining the magnitude of heat loss by evaporation (red arrow) from the surface of a volume of tea contained in a mug, where r_{v_a} is the resistance of the boundary layer (BL) to water vapour transfer , e_s is the vapour pressure at the surface of the infusion, e_a is the vapour pressure at in the air.*

There is also a transfer of water vapour through the interface tea-air by evaporation (Fig. 3.9). During this mass transfer process, the molecules of water leaving the infusion take energy from it, reducing its internal energy and, hence, its temperature. The amount of heat taken by a mol of water, or latent heat of vaporisation of water (λ), is 44 kJ mol^{-1}.

This form of heat transfer, linked to a mass transfer process, does not produce a variation of temperature in the environment, for which it is a form of latent heat transfer.

According to Equation 3.1, the flow of matter depends on a constant of proportionality and a driving force. For evaporation, the driving force is the vapour pressure difference (Δe) between the surface of the object dissipating heat (e_s)[19] and the surrounding air (e_a) (Fig. 3.9).

The constant of proportionality is given by the resistance of the boundary layer (BL) to water vapour transfer (r_{va}). The properties of BL affect the capacity of heat transfer similarly to the way in which it affects the sensible heat loss by convection. The following sections analyse the dimensionless relationships describing the vapour transfer through the boundary layer and propose an equation to estimate the value of r_{va}.

Dimensionless relationships determining flow regimen and mass dissipation

Schmidt number (Sc)

In the same way as Prandtl and Nusselt represent the proportion in which different factors affect the sensible heat transfer through the boundary layer by convection, Schmidt number (Sc) has been derived as a means of quantifying the mass transfer through the boundary layer. It represents the ratio of kinematic viscosity (ν) [$m^2\ s^{-1}$] to the diffusivity of, in our case, water vapour (κ_v) [$m^2\ s^{-1}$]. Equation 3.28 shows the mathematical expression of Sc.

[19] *When studying the evaporation from a specific surface, the subscript s in the symbol e_s will change according of the name of that surface. See Apendix 3 for more information on the nomenclature system used in this thesis.*

$$Sc = \frac{\nu}{\kappa_v} \qquad (3.28)$$

When values of Sc are high, then the viscous forces are predominant and the mass transfer is more difficult.

Resistance to water vapour transfer through the boundary layer

According to Campbell and Norman (1998) the resistance of the boundary layer to water vapour transfer r'_{v_a}[20], which depends directly on the value of Sc, depends as well on Gr or Re, according to whether the transfer has been produced in natural or forced conditions (respectively).

A simplified form of r'_{v_a} that can be applied in environmental physiology (Campbell and Norman, 1998) is presented in Equation 3.29.

$$r'_{v_a} = 6.8\sqrt{\frac{d}{u}} \qquad (3.29)$$

where d is the characteristic dimension of the body [m] and u is the air velocity [m s^{-1}]. The units of r'_{v_a} are [m^2 s mol^{-1}].

Mathematical expression of mass and heat transfer during evaporation

According to Campbell and Norman (1998), the water vapour transfer from a surface to the environment is directly proportional to the gradient between the concentration of water vapour on the surface of the object and the concentration of water vapour in the air, and inversely proportional to the resistance of the boundary layer to the vapour transfer (Equation 3.30).

[20] *The symbol r_{v_a} represents the molar form of the resistance of the boundary layer to water vapour transfer (r_{v_a}) in units of [m^2 s mol^{-1}]. In order to convert it into [s m^{-1}] units it should be multiplied by the factor 41.1 mol m^{-3}.*

$$E' = \frac{(C_{vs} - C_{va})}{r_{v_a}'} \qquad (3.30)$$

where E' is the molar form of water evaporation rate [mol m^{-2} s^{-1}], C_{vs} is the concentration of water vapour in the evaporating surface [mol mol^{-1}], C_{va} is the concentration of vapour in the air [mol mol^{-1}] and r_{v_a}' is the resistance of the boundary layer to water vapour transfer [m^2 s mol^{-1}].

The value of C_{vs} and $C_{v\,a}$ can be calculated as the fraction that the vapour pressure at the surface of the object (e_s) and the vapour pressure in the air (e_a) represent out of the total atmospheric pressure (p_a). Considering all this, the heat loss by evaporation through the boundary layer can be estimated by using Equation 3.31.

$$\lambda E = \frac{\lambda(e_s - e_a)}{r'_{v_a} p_a} \qquad (3.31)$$

where λE is the heat loss by evaporation [W m^{-2}], λ is the latent heat of vaporisation of water (44 kJ mol^{-1}), e_s is the vapour pressure at the surface of the body [kPa], e_a is the vapour pressure of the air in contact with the surface [kPa], r'_{v_a} is the resistance of the boundary layer to water vapour transfer [m^2 s mol^{-1}] and p_a is the atmospheric pressure [kPa].

3.6. The heat flow balance equation

After analysing the interaction of factors determining different mechanisms of heat exchange with the surrounding environment, this final section briefly deals with the heat balance of an object exchanging heat with its surroundings.

In section 3.3 it was said that the amount of heat in a system is directly related to the heat entering the system and the heat leaving the system. When the heat balance is

perfect, the heat input is equal to the heat output (Equation 3.32).

$$Heat\ input = Heat\ output \tag{3.32}$$

Heat can enter the system mainly by radiation and conduction, although sometimes the inflow of heat by advection is possible. The heat output involves convection, conduction, radiation and evaporation. Based on these premises, the relationship between the different components of the heat flow balance of a system can be expressed as shown in Equation 3.33.

$$R_{in} + G_{in} + S = G_{out} + R_{out} + C + \lambda E \tag{3.33}$$

Where G_{in} is the heat gained by conduction [W m^{-2}], R_{in} is the heat gained by radiation [W m^{-2}], S is the heat stored in the object [W m^{-2}], G_{out} is the heat dissipated by conduction [W m^{-2}], R_{out} is the heat dissipated by radiation [W m^{-2}], C is the heat dissipated by convection [W m^{-2}], and λE is the heat dissipated by evaporation [W m^{-2}].

Solving Equation 3.33 for S and considering the sign convention for heat transfer, if the heat input is higher than the total heat output, then S becomes lower than 0. This is related to an increase in the amount of internal energy of the object and the subsequent rise of its temperature. This has important biological connotations that will be opportunely analysed in further chapters of this thesis.

The main limitation of this equation is its inability to account dynamically for the variations in heat exchange during a period of time while the object has been exposed to certain environmental conditions. This matter will be discussed in chapter 7 of this thesis.

Part 2

Understanding the relationship between bird and its micro-environment

Homeothermic animals are able to keep their body temperature fairly constant over a wide range of environmental conditions (Mount, 1979; Mitchell, 2005). Their success in doing so depends, on the one hand, on the demand of heat and water vapour that the surrounding environment inflicts on them and, on the other, on the physical characteristics of the animals and their capacity to respond to such an exigency through thermoregulatory mechanisms (Mount, 1979; Mitchell, 2005).

The heat and water vapour dissipated during thermoregulation modify the climatological conditions in the animal's immediate environment. This becomes particularly important in animals reared in confinement, such as poultry (Charles, 1974; Charles *et al*., 2002). Blanco *et al*. (2004a, b) proposed that such changes in environmental conditions would induce new thermoregulatory responses in the animal, producing further environmental modifications. Charles (1974) proposed a partition of the environment centred on the chicken, based on differentiation of the environmental conditions and on the way in which each of these divisions affects the animal.

In that way, the portion of the environment in direct interaction with the animals is called micro-environment, the environment outside the house is considered as macro-environment, and the transition between them is termed meso-environment.

The second part of this thesis is dedicated to the analysis of the interaction between broiler chicken and its thermal micro-environment and the consequences of such interaction on the heat balance of the bird. It includes chapters 4, 5, 6 and 7.

Chapter 4 characterises the thermal micro-environment and finds a parameter suitable

to account for its action on chickens. Chapter 5 analyses the thermal properties of chickens and the way in which the birds regulate those properties in order to continue dissipating heat when their surroundings become adverse. Chapter 6 revises the concepts regarding the representation of the conditions leading to least thermoregulatory effort in chickens. Finally, Chapter 7 presents an innovative view on the inclusion of dynamism in the analysis of the thermoregulatory responses of broiler chickens to diverse environmental conditions.

Accounting for the action of the micro-environment on broiler chickens [21]

4

"El tren salió del trepidante corredor
(...) el aire se hizo húmedo
(...) Eran casi las dos. A esa hora, agobiado por el sopor, el pueblo hacía la siesta".

Gabriel García Márquez (1928)
La siesta de los martes. [22]

4.1. Introduction

Birds, being open living thermodynamic systems, establish a very close relationship with their surrounding environment, to which they dissipate entropy in order to preserve their *integrality*. In the current confinement conditions under which broiler production is conducted, this relationship acquires a new dimension. A broiler, in a way, becomes accountable for the characteristics of the environment in which it is immersed, by increasing the levels of heat and moisture of the surrounding air, i.e. by increasing the levels of air enthalpy. If one is unable to reduce the micro-environmental enthalpy of the building in which the birds are kept, the chickens may not be able to dissipate sensible and latent heat at the rate needed in order to ensure the maintenance of their internal constancy.

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[21] *This chapter contains excerpts of the papers by Blanco and Gous (2006c)*
[22] "*The train left the noisy corridor (...) The air became humid (...) It was almost two o'clock. At that time, exhausted by the heat, the town was having a siesta" Gabriel Garcia Marquez (1928), Tuesday's Siesta.*

In order to evaluate the impact of the micro-environment on the physiological and productive parameters of a bird, it is imperative to quantify in some way its impedance against heat dissipation. Traditionally, ambient temperature and relative humidity are the variables of choice when characterising the environment. Air velocity and a measure of environmental radiation are conveniently, although less frequently, considered in more specialised works.

Bearing in mind that each of the four mentioned climatic variables has an important impact on the heat balance of a broiler, neglecting any one of them would result in the wrong estimation of the micro-environmental impact. Monteith (1974) already cited this idea taken from a very early work by Heberden (1826). Thus, it is necessary to find a parameter combining those four micro-environmental variables in a single value expressing their conjoint action. This is not an easy task, since such a parameter should not only describe the environment but, also, its relationship with the animal (Monteith, 1974).

Starting with a brief dissertation on the idea of micro-environmental action (Blanco and Gous, 2006c), this chapter explores different approaches to the description of the thermal micro-environment in the context of the animal. Several parameters are analysed and compared before choosing Effective Temperature (T_{ef}) (Monteith and Unsworth, 1990) as the most suitable option for representing the micro-environmental action on broiler chickens.

4.2. The idea of micro-environmental action[23]

In Chapter 3 of this thesis it was said that the properties of the boundary layer (BL) at the interface between an object and its surroundings determine the magnitude of the heat exchange through such interface.

[23] *Section 4.2 is an adaptation of the fragment on micro-environmental action included in the paper by Blanco and Gous (2006c).*

As it will be discussed in Chapter 5, with the purpose of simplifying the modelling process, the author of this thesis has considered chickens to have two interfaces, namely the interface between body surface and air (I_b) and the interface between the mucous membrane of the upper respiratory tract and air (I_r).

It is only by considering the value of the micro-environmental variables in the context of *BL* that a proper description of the micro-environment can be obtained (Monteith, 1974). In doing so, the specification of the environment becomes the description of the *action* of the micro-environment on I_b and I_r.

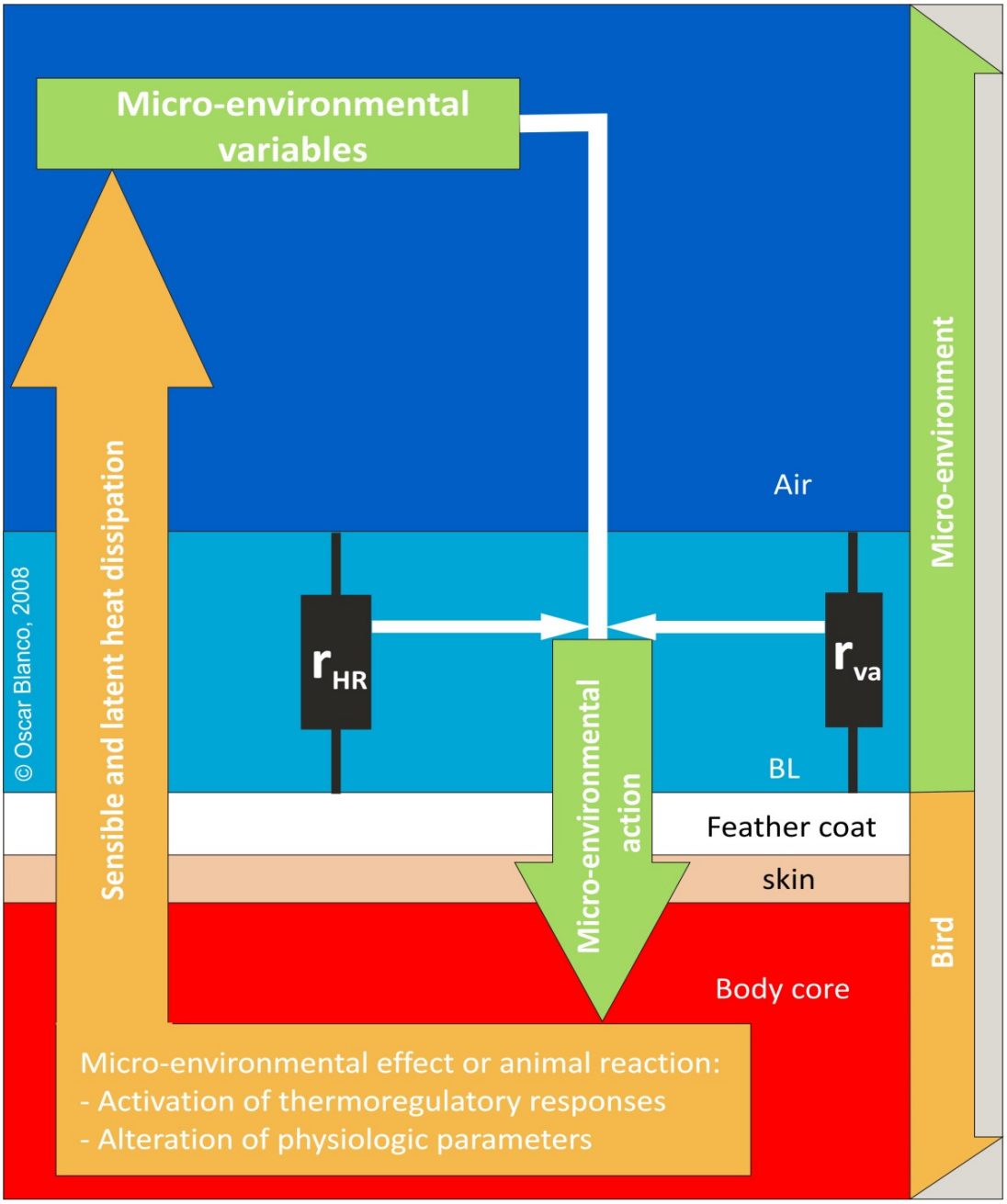

Figure 4.1. *The action of the micro-environment and the consequent micro-environmental effect or animal reaction.* r_{HR}*: Thermal resistance of the boundary layer to radiant and convective heat transfer;* r_{v_a}*: Resistance of the boundary layer to water vapour transfer. Note that BL (boundary layer) is clearly included as part of the micro-environment (after Blanco and Gous, 2006c).*

This author believes that there is a clear difference between the *action* and the *effect* of the micro-environment on the animal that needs to be clarified. Whilst the *action* refers to the value of the micro-environmental variables considered in the context of the BL, the *effect* of the environmental conditions on heat balance of the animal refers to the activation of thermoregulatory mechanisms and the changes in thermal and physiological parameters of the animal, secondary to the micro-environmental action. The effect of the micro-environment can be considered as a synonym of the *reaction* of the bird to that environmental action.

This is more than semantic vagary; they are two dissimilar concepts, and they have to be properly differentiated in order to clarify the aim of the modelling procedure. Once the magnitude of the *action* is known, further modelling steps can be formulated in order to estimate the *effect* on, for example, heat balance and the energy requirements of the bird. A diagram showing the factors considered when accounting for the action and effect of the micro-environmental conditions is presented in Figure 4.1.

Figure 4.1 is, in a sense, not completely appropriate. As it will be discussed in Chapter 7, the estimation of the effect of the environment is only complete when the time of exposure is considered. In those terms, perhaps a further distinction should be made between the *bird's reaction* to the environmental action, which would comprise the thermoregulatory response at a given moment during the interval of exposure, and *environmental effect*, which would comprise the overall impact of the micro-environment on the physiological and productive states after a given time of exposure.

4.3. Micro-environmental variables

Four climatological variables are used to characterise the micro-environmental action in the model reported in this thesis: ambient temperature (T_a), air velocity (u), long wave irradiance expressed as isothermal net radiation (R_{ni})[24], and relative humidity (RH).[25] The former three variables are directly related to the sensible heat exchange between the animal and its surroundings, i.e. radiant, convective and conductive heat exchange.

The quantity of latent heat dissipated through the interfaces I_b and I_r depends on the vapour pressure (e) gradient (Δe) between those interfaces and the surrounding air. The model reported in this thesis uses RH as input, for being a more concrete and easy-to-measure variable for the potential user, but the estimation of the latent heat dissipation is based on values of e_a calculated using the given values for RH and T_a (Savage, 2006).

As analysed in Chapter 3, each of these variables contributes, through different heat loss mechanisms, to the total heat balance of the bird. Therefore, if a proper estimation of the effect of the environment is to be obtained, then simplistic, naïve descriptions based only on ambient temperature and relative humidity (a regrettably frequent practice), should be avoided by all means.

The following sections are dedicated to analyse exhaustively different approaches to the quantification of the micro-environmental action based on a series of few simple premises.

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[24] *Isothermal net radiation (R_{ni}) is the net radiant exchange that would occur if the temperature of the animal interface were equal to T_a (McArthur, 1987).*

[25] *Due to the spatial variability of the environmental conditions inside a broiler house (Czaric and Tyson, 1990; Xin et al., 1994), the values of these variables should be measured at micro-environmental level, i.e. at chicken height.*

4.4. Analysis and selection of the most suitable parameter for the specification of micro-environmental conditions affecting a broiler chicken

There is a great variety of approaches for quantifying the way in which the micro-environmental variables combine to affect a living system. Therefore, the selection of an environmental parameter should be performed by means of a careful analysis. Even then, the individualisation of the ideal parameter that fulfils all the requirements of the modeller is not guaranteed, and pertinent modifications of the most suitable one should be carried out.

Bearing in mind that the characteristics of the bird are as important as environmental variables in determining the bird's heat balance (Monteith, 1974), a reasonable description of the environment should neglect neither of these two aspects.

4.4.1. Criteria for selecting the most suitable parameter

Monteith (1974) and Mount (1979) proposed the following three main characteristics to be satisfied by parameter representing the micro-environmental action on an animal:

1. *Applicability to all species in any physiological state.*

2. *Validity in both indoor and outdoor conditions.*

3. *Independence from the characteristics of the exchanging interface* (i.e. surface of feather cover in feathered regions, skin surface in the bare regions, and the surface of mucous membrane in the upper respiratory tract).

Blanco and Gous (2006c) added three further requisites:

4. *That it should account for all the micro-environmental variables*

5. *That it should consider that the interaction between animal and surrounding environment is produced through the boundary-layer.* Thus a variable accounting for the properties of such boundary-layer should be included in the parameter.

6. If possible, *the parameter should account for the interaction of both interfaces into which the animal has been divided (I_r and I_b) and their respective micro-environments*.

The parameters found in the literature have been analysed according to those criteria. In order to proceed in an organised way, they have been categorized in three different groups according to the way in which they approach the description of the environment.

4.4.2 Classification of parameters according to their approach for describing the micro-environment

4.4.2.1. Group 1: The Practical Parameters

A first group comprises eminently practical parameters, most of them rules of thumb which, despite having proven to be useful for controlling the environmental conditions in livestock buildings, lack any biophysical background (Laughlin, personal communication). Therefore, they are discarded in the first instance as possible parameters for the specification of the micro-environmental conditions in a model predicting the way in which the heat balance of a broiler is affected by the surrounding environment.

4.4.2.2. Group 2: The family of the Discomfort Indices or "Environmental Demand Parameters" (Starr, 1981)

A second group includes the family of the discomfort indices

developed by the American school. These parameters do not befit our purposes due to five main reasons:

1. These parameters normally combine terms accounting for T_a and for the water vapour content of the air, resulting in a rather incomplete expression of the micro-environment (criterion 4).

2. They have been obtained through inductive reasoning. They include multipliers experimentally derived, which limit the utilisation of these parameters to those species and physiological stages for which those multipliers have been calculated. This approach contradicts the spirit of this thesis, i.e. to obtain general equations for understanding and predicting the heat balance of broiler chickens under almost any micro-environmental condition, going from the generality to the particular case. Consequently, the third characteristic of an ideal parameter is not fulfilled.

3. They were originally designed for classifying animals as *heat-stressed* or *non-heat-stressed* according to experimentally determined comfort ranges. By definition, these parameters do not differentiate between environmental action, physiologic reaction of the bird and total environmental effect.

4. Neither of these parameters account for the properties of the boundary layer or the characteristics of the bird determining such properties (criterion 5).

5. These parameters do not account for the micro-environmental differences at the two physical interfaces defined in a bird (criterion 6).

As a matter of fact, these discomfort indices are thought by many to be better indicators of thermal strain than the parameters of Group 1. Their utilisation in the field may result in a moderately more reliable way of predicting productive results and in a safer way of controlling the environment. However, the author of this thesis recommends avoiding this type of parameter when developing deterministic models simply because they were not conceived for this purpose.

Two of these parameters have been analysed in the following paragraphs to exemplify the ideas discussed in this section.

Effective Temperature (τ_{ef}) (Beckett, 1965)

The Effective Temperature (τ_{ef}) for hogs, as reported by Beckett (1965, cited by Esmay, 1978), was based in experimental observations of the heat stress of male pigs under differing conditions of T_a and RH.

This parameter has been derived in two steps. Firstly, the partition of the heat loss (sensible and latent heat) from a hog at 50 % RH was plotted as a graph of heat flux density vs. T_a (ranging from 27 to 38 °C). Each of the points was related to the respiratory rate (RR) as an indicator of discomfort.

In the second step, based on experimental data of heat loss at different RH (0%, 25%, 50%, 75%, 100%) and different values of T_a, a value of τ_{ef} was assigned to each pair of values T_a-RH, the value of τ_{ef} being that from the first graph that produced the same heat loss as the given combination T_a-RH of the second step. The results are then expressed in a second graph of τ_{ef} against T_a, in which different lines of RH show the values of τ_{ef} achieved at different T_a.

There are some inconveniences when utilising this parameter in deterministic models like the one presented in this thesis. In the first place, this author has been unable to find a mathematical expression for τ_{ef}. The calculation of the parameter is reported only in graphic form.

Secondly, even if a proper equation were to be found, the theory sustaining the parameter would make it unsuitable for our purposes. The parameter considers only two variables (T_a and RH). Although during the experiments the effects of air velocity and radiation may have been minimised and neglected, the parameter should allow for the effect of these variables in order to be applicable to other situations.

Additionally, different micro-environmental situations proved to produce the same physiological responses in the animal, consequently receiving the same value of τ_{ef}. The reliability of this form of equivalent temperature is questionable due to the procedures followed to derive it. For a given value of τ_{ef}, it cannot be confirmed whether all the pairs T_a-RH have been related to it because the combination of sensible and latent heat from the animal under such conditions produces the same total heat loss and the same heat stress, or because, by neglecting air velocity and air speed, the effects of T_a and RH have been inaccurately estimated.

Finally, the analysis performed in this thesis needs a parameter able to characterise the action of the micro-environment before estimating the effect of the micro-environmental variables on the heat balance of a broiler chicken. In other words, we need to go from the causes to the consequences and not in the opposite direction. Only in this way would it be possible to

overcome the restrictions imposed by empirical approaches such as that of Beckett (1965).

Discomfort Index (DI) (Thom, 1959)

Originally proposed by Thom (1959, cited by Tselepidaki, 1995) for the determination of the conjoint effect of T_a and RH in humans, Discomfort Index (DI) became very popular and broadly accepted by animal scientists due to its simplicity. The literature presents some inconsistencies in the nomenclature of this parameter, especially when it is related to animal production. Considering the concepts expressed in the review by Tselepidaki *et al*. (1995), what some authors mistakenly considered as Thermal Hygrometric Index (THI) (Esmay, 1978; Tao and Xin, 2003) are actually expressions of DI. Considering that the mathematical expressions for DI and THI are quite different, a proper differentiation between these two concepts must be done in order to suitably define the parameter.

DI is a linear combination of dry bulb temperature (TDB) and wet bulb temperature (TWB), modified by weighting factors appropriate to each species (Esmay, 1978). Such factors determine the relative importance of TDB and TWB for a particular type of animal, depending on the predominant method of heat exchange (Curtis, 1983; Tao and Xin, 2003), i.e. for sweating animals the weighting factor applied to TWB is higher than that for TDB, whilst for non-sweating species such as broilers the opposite applies. Equation 4.1 shows the generic form of this parameter.

$$DI = aTDB + bTWB \qquad (4.1)$$

where a and b are constants or weighting factors for TDB and TWB respectively, experimentally obtained for different species.

For a given species, the same value of DI can be obtained from different combinations of TDB and TWB using the same weighing factors. Represented in a psychrometric graph, the different combinations for the same value of DI describe the level of enthalpy in the air surrounding the animal (Esmay, 1978). Such a level determines the capacity of heat exchange between the animal and the micro-environment, i.e. the higher the DI, the lower the heat exchanged. A calculated value of DI is always accompanied by an expression of the stress imposed by that situation. For each animal species, a series of DI ranges has been determined based on the experimental evidence of physiological and productive responses.

Similarly to τ_{ef} (Beckett, 1965), DI breaks the first and third rules for an ideal parameter due to the empirical nature of the weighting factors. Such factors are correlation coefficients between the DI values calculated from experimental data and the variations in a physiological parameter, for example body temperature (ΔT_b). Tao and Xin (2003) calculated different values of DI for broilers at market age, using experimental values of TDB and TWB, giving to the weighing factors different values between 0 and 1 (those two factors in the equation are complementary, i.e. as one decrease the other should increase in order to sum to 1). Then, coefficients of correlation (γ) were determined between DI and ΔTb. In the following step, the values obtained for γ were regressed against the DBT weighing factors. Using the first derivative of the quadratic regression equation obtained, the maximum correlation coefficient was calculated. That coefficient is the value of DBT weighing factor (a in Equation 4.1) for broilers. As both a and b weighing factors are complementary, b was calculated as $b = 1 - a$. Equation 4.2 shows the mathematical form of DI derived by Tao and Xin (2003) for a broiler chicken.

$$DI = 0.85TDB + 0.15TWB \quad (4.2)$$

Equation 4.2 shows the great dependence of the broiler heat balance on TDB for not-sweating animals (coinciding with the view of Curtis, 1983).

In the same work, Tao and Xin (2003) introduced a correction accounting for the effect of u, adding an exponential factor to Equation 4.2, as shown in Equation 4.3.

$$DI_u = (0.85TDB + 0.15TWB)u^{-0.0058} \quad (4.3)$$
$$(0.2 < U < 1.3)$$

where DI_u is the discomfort index corrected for u effect, for u higher than 0.2 m s^{-1} and lower than 1.3 m s^{-1}.

The inclusion of u in the equation for DI would increase even more the specificity of this parameter for the type of animals in which the experimental measurements have been performed and to a narrow range of environmental conditions (for being u limited). Considering that the heat exchange by convection depends not only on u but also on the characteristic dimensions of the animal, i.e. the body diameter in the chicken (Monteith, 1974; Mount, 1979; McArthur, 1981a,b; McArthur, 1987; Monteith and Unsworth, 1990; Campbell and Norman, 1998), the exponent modifying u (this is smaller than u above) in Equation 4.3 may change according to the body size of the bird.

In both Equations 4.2 and 4.3 the weighting factors are very likely to vary according to the characteristics of the animals. Differences in feather coat

thickness, metabolic size, development of body appendages, energy content of the diet, feed intake, etc., would produce a different response in body temperature to the same micro-environmental conditions. As a consequence, the calculated DI would be different, as would the correlation coefficient between DI and ΔT_b. Finally the regression of correlation coefficient against TDB-weighting factor would result in a different equation and in different final values for factors a and b.

The failings exposed in the two previous paragraphs show that DI and DI_u do not fulfil requirements 1 and 3 for an ideal parameter and, therefore, they are not good indicators of environmental conditions to be used in an analytical model.

Many other examples can be added to this group:

Wind Chill Factor

Starr (1981) presented a Wind Chill Factor (K) (derived by Siple and Passel, 1945) which includes the effect of u and T_a, being invalid for animals with coat insulation since it gives no attention to resistance of feathers to heat flux.

Wet Bulb Globe Temperature

Another parameter is the Wet Bulb Globe Temperature, which accounts for the effect of T_a, radiation and u on a thermometer inside a black copper ball. It results from the addition of TWB, TDB and globe temperature (TG), three of them modified by weighting factors, the values of which depend on whether the globe is in the shade or in the sun. The parameter was initially designed for humans. Starr (1981) expressed his reservations with respect to the extrapolation to animals with different radiation absorptivity than the globes, and he was also doubtful about the effect of the globe diameter on the final value of

TG. The work by Bond and Kelly (1955) adapting the utilization of globe thermometer in agriculture can be an answer to that problem. Nonetheless, it is not possible to separate the effect of the radiation and u or to determine the impedance of the environment to heat exchange, which makes this parameter unsuitable for our purposes.

Equivalent Temperature

Equivalent Temperature, presented by Starr (1981), only considers the effect of T_a and u, being limited to humans and for temperatures below 20°C, sufficient reason to discard this parameter.

Thermal Hygrometric Index (THI)

Curtis (1983) published other equations for Thermal Hygrometric Indices (THI). Some of them have the same structure as the forms of DI presented above (incurring again inappropriate nomenclature) and others presented a mathematical expression similar to the THI defined by Tselepidaki et *al*. (1995). None of these has been expressed for broiler chickens.

Curtis (1983) also presented a calculation of Effective Environmental Temperature based on experimental observations. Since this parameter was derived following a procedure of questionable scientific nature, it is not discussed in this review.

4.4.2.3. Group 3: the theoretical parameters

Monteith (1974) and Mount (1979) considered that some of the experimental parameters previously developed had physiological significance but they would become meaningful only if the characteristics of the animal were known. These authors understood the need of a more general type of

parameter that could be used for different species under almost any micro-environmental conditions. They also knew that the environment and the interface I_b are in a very close relationship during heat exchange and, consequently, the chosen parameter should not neglect such association.

Following these principles, several parameters, such as Environmental Apparent Equivalent Temperature (θ_e^*) (Monteith, 1974), Environmental Temperature (T_e) (McArthur, 1987), Effective Temperature (T_{ef}) (Monteith and Unsworth, 1990), Equivalent Temperature (Monteith and Unsworth, 1990) and Operative Temperature (Campbell and Norman, 1998), were formulated in the last three decades. The parameters of this third group were derived following a deductive and deterministic approach. The equations expressing those parameters integrate the values of two or more micro-environmental variables, resulting in thermal equivalent of the thermal burden imposed by the environment on the bird. According to Campbell and Norman (1998) these thermal equivalents present two main advantages. Firstly, they are easily to be interpreted, since they are expressed in units of temperature, with which everybody is acquainted. Secondly, they facilitate the application of experimental results obtained under controlled conditions to the field.

Given that the parameters have not been developed following inductive thought and that they lack of empirical character the three properties of an ideal parameter can, at least, be partially fulfilled.

Environmental Apparent Equivalent Temperature (θ_e^*) (Monteith, 1974)

The first theoretical parameter to be analysed in this search for the most suitable specification of the micro-environmental action is the Environmental Apparent Equivalent temperature (θ_e^*), derived by Monteith (1974). This

author aimed to find a new expression for the heat balance equation of a homoeothermic animal, considering the conditions of the interface, the characteristics of the micro-environment and the way in which they relate to one another.

By algebraic manipulation, the classical heat balance equation for a homoeothermic animal has been redefined as the form presented in Equation 2.4 (Monteith, 1974)

$$C + R + E = h_{CR}(T_s - T_a) + h_E(e_s - e_a)\,\gamma^{-1} - R_{ni} \qquad (2.4)$$

where C is the convective heat transfer [W m^{-2}], R is the radiant heat transfer [W m^{-2}], E is the latent heat loss [W m^{-2}], h_{CR} is the heat transfer coefficient for convective and radiant heat transfer [W m^{-2} °C^{-1}], T_s is the temperature of the animal surface [°C], T_a is the ambient temperature [°C], h_E is the heat transfer coefficient for latent heat loss [W m^{-2} °C^{-1}], e_s is the vapour pressure of the animal surface [kPa], e_a is the vapour pressure of the air [kPa], γ is the psychrometric constant [0.067 kPa K^{-1}] and R_{ni} is the isothermal net radiation [W m^{-2} °C^{-1}].

Evaporative heat loss follows the vapour pressure gradient between the interface and the surrounding air. It differs from the convective and radiant exchanges, which are thermal dependent. Thus, to integrate E with C and R in a simpler expression, a parameter specifying both thermal and vapour gradients was needed. Then, the concept of equivalent temperature (θ) was introduced.

The equivalent temperature is the maximal thermal value achieved by a mass of air if all the vapour contained in that mass is condensed in an adiabatic

process (Monteith, 1974; Mount, 1979). The thermal increment resulting from the condensation of the water vapour of the sample was called humidity increment (ξ), which, when added to the value of T_a, results in θ. Equation 4.5 is the mathematical expression for θ, a linear function given by different combinations of T_a-$e_{(T_a)}$ resulting in the same value of θ.

$$\theta = T_a + \xi = T_a + e_a\gamma^{-1} \qquad (4.5)$$

where γ is the psychrometric constant [0.067 kPa K^{-1}] necessary for the expression of the vapour pressure as a potential thermal change.

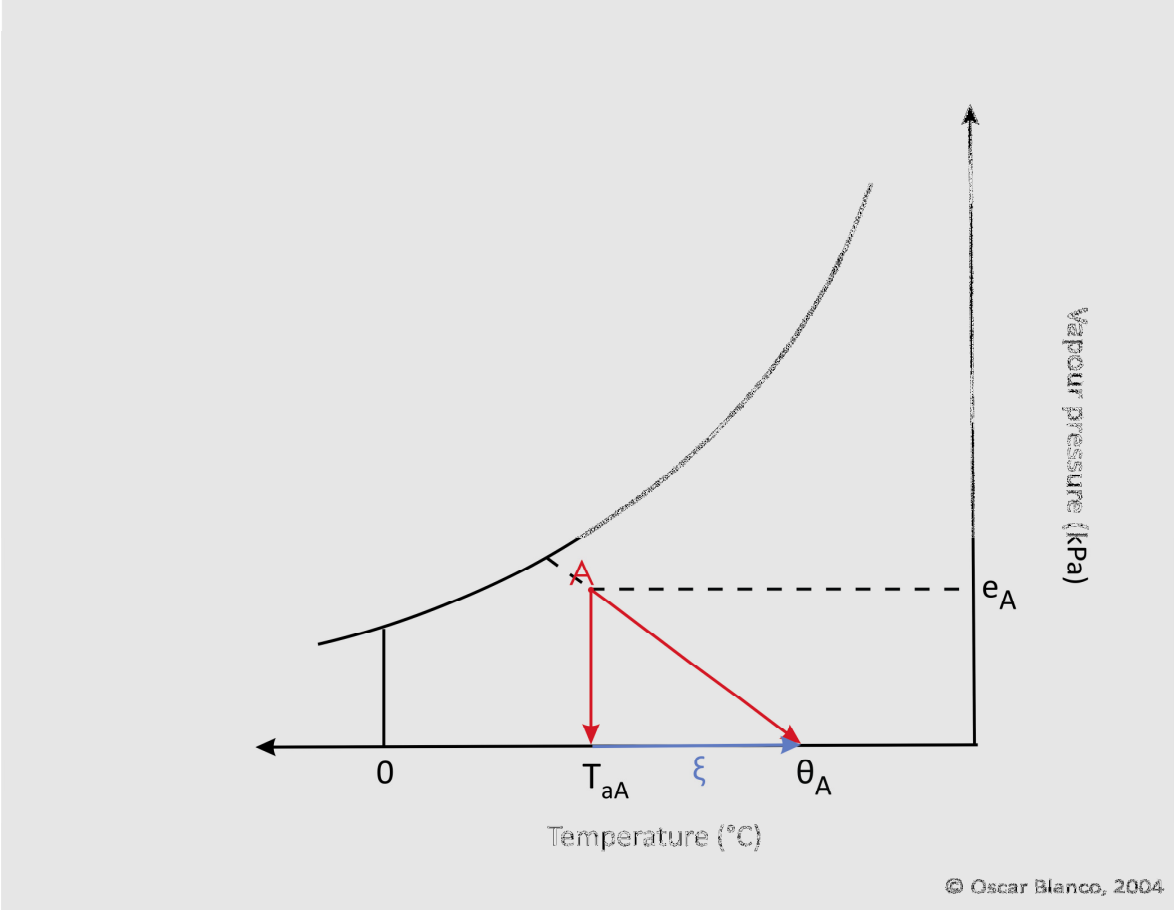

Figure 4.2. *Psychrometric representation of equivalent temperature (θ) as the resultant of the complete condensation of water vapour contained in a sample of air at the initial state A (T_{a_A}; e_A) (after Mount, 1979).*

Figure 4.2 is the graphic representation of Equation 4.5. It shows the process of condensation experienced by a mass of air, initially at the psychrometric state A, characterised by T_{a_A} and e_A. Through complete condensation of the initial water content the mass of air attains the psychrometric state θ. The humidity increment (ξ) is shown in Figure 4.2 as a blue arrow running along the temperature axis between T_a and θ.

From Equation 4.5 it is deduced that any elevation of T_a and/or e_a is translated into an increase of θ, and also that different combinations of T_a-e_a

may result in the same values of θ. Therefore, the differences in temperature and vapour pressure between the animal surface and the surrounding air can be quantified as a

gradient of θ. Assuming θ_s for the animal surface and θ_a for the micro-environmental air, being θ_s different from θ_a, $\Delta\theta$ is the thermal gradient between animal and micro-environment in (hypothetical) completely dry conditions that will affect the heat balance of the animal to the same extent as the real micro-environmental situation does.

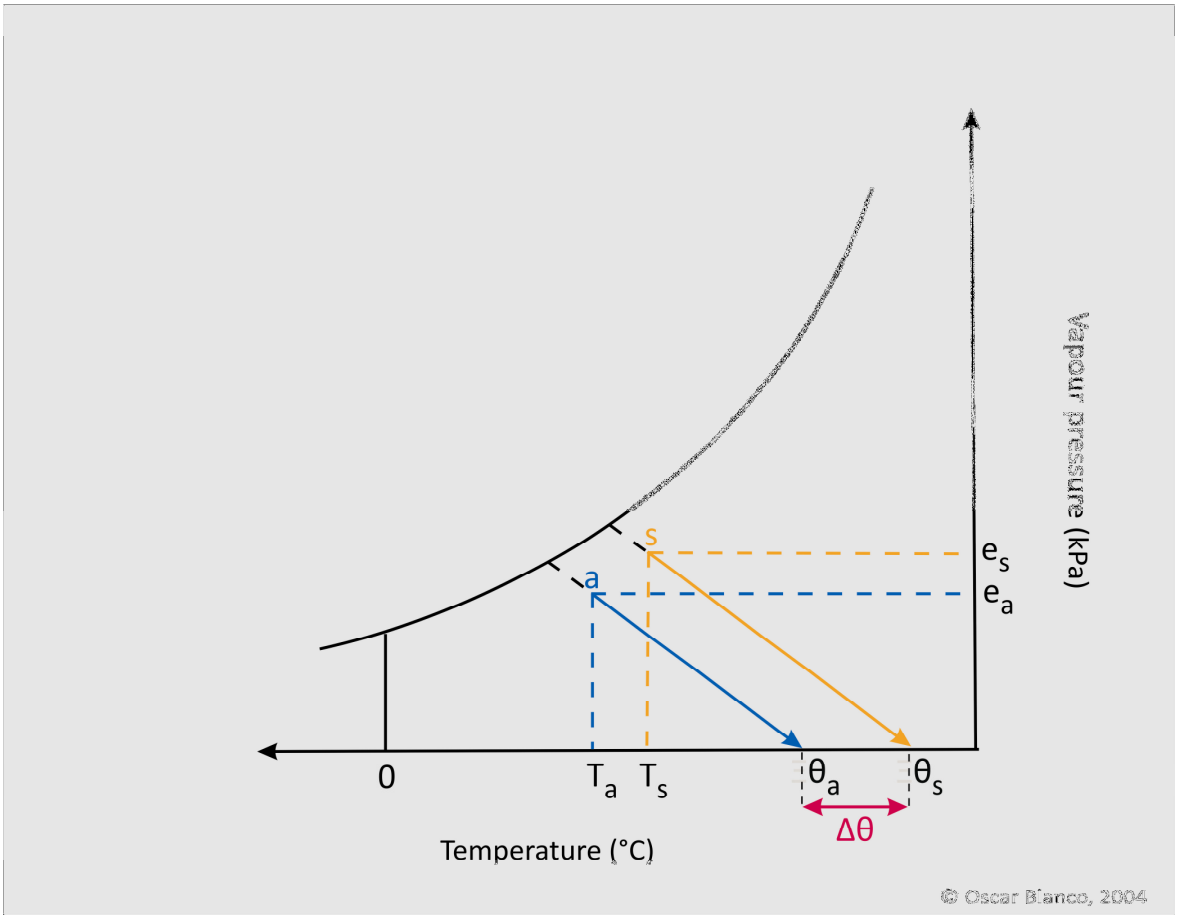

Figure 4.3. *Psychrometric representation of the gradient in equivalent temperature (θ) between the animal surface and the surrounding air.*

The mathematical expression for $\Delta\theta$ is shown in Equation 4.6, which has the advantage of expressing that gradient as a function of T and e_s.

$$\Delta\theta = \theta_s - \theta_a = T_s + e_s\gamma^{-1} - T_a + e_a\gamma^{-1} \quad (4.6)$$

where e_s and e_a are the vapour pressure for the animal surface and micro-environmental air respectively. Figure 4.3 shows the graphic representation of Equation 4.6, where the arrows show the condensation process necessary to obtain the equivalent temperatures θ_s and θ_a.

The modification of the psychrometric constant into its apparent form, $\gamma^* = \gamma(h_{CR}/h_E)$ accounts for the effect of the transfer coefficient for convective and radiant heat exchange. The Equivalent Temperature expressed as a function of γ^* is called Apparent Equivalent Temperature, symbolised as θ^*. Equation 4.7 shows the mathematical expression for the Apparent Equivalent Temperature for the micro-environmental air surrounding the bird (θ_a^*).

$$\theta_a^* = T_a + e_a\gamma^{*-1} \quad (4.7)$$

In a final step of this analysis, Monteith (1974) combined a radiation increment with θ_a^* in order to account also for the effect of incident radiation. This radiation increment was obtained by dividing the isothermal net radiation affecting the animal (R_{ni}) by the transfer coefficient for radiant and convective heat exchange (h_{CR}). The final result is the Environmental Apparent Equivalent Temperature (θ_e^*), which accounts for T_a, e_a, u and R_{ni}. This expression is eminently general and could be applied in almost any case since it has not been obtained in an inductive way. In other words this is almost an ideal indicator of the surrounding environmental conditions.

Equation 4.8 shows the final form of θ_e^*.

$$\theta_e^* = \theta_a^* + R_{ni}\,(h_{CR})^{-1} \qquad (4.8)$$

where θ_a^* is the Apparent Equivalent Temperature of the air, and $R_{ni}\,(h_{CR})^{-1}$is the radiation increment.

Although it is not of central importance at this point of the discussion, the final form of the heat balance of a homoeothermic animal obtained by Monteith (1974) is presented as Equation 4.9.

$$M = C + R + E = h_{CR}(\theta_s^* - \theta_e^*) \qquad (4.9)$$

The parameter θ^* has been used by McArthur (1987) as an indicator of the micro-environmental conditions in his comprehensive model of the thermal interaction between a sweating homoeothermic animal and its surroundings. Although Apparent Equivalent Temperature fulfils most of the requirements for a suitable parameter, the environmental apparent equivalent temperature is not completely suitable for non-sweating animals such as broilers. Under conditions impeding the sensible heat dissipation from the body surface, chickens rely on increasing evaporative heat loss from the respiratory tract (See Chapters 5 and 6).

The conditions determining the heat flux at the body surface-air interface (I_b) differ from those found in the respiratory tract. This complicates the expression of the total action of the environment on the heat balance of broilers in one single parameter. This was already known by Monteith (1974), who specified that for such cases a modified form of Equation 4.9 was needed, in which the heat losses from the body surface and from the

respiratory tract are expressed in separate additive terms. Thus, if the sensible exchange is considered separately from the latent heat loss, the micro-environmental conditions affecting them should be expressed as different parameters, the one including the factors affecting the sensible heat exchange and the second considering the vapour pressure affecting the heat loss from the respiratory tract. Consequently, θ_e^*would not be the first choice for specifying the micro-environment for broilers chickens in this model.

Environmental Temperature (T_e) (McArthur, 1987)

A first alternative to θ_e^* for a non-sweating homoeothermic animal is the Environmental Temperature (T_e) presented by McArthur (1987). Such a parameter accounts for the effect of the radiant environment and u in an increment called ΔT. The result obtained from adding ΔT to T_a is a thermal equivalent, T_e, with a value always between those for mean radiant temperature ($\bar{T}_R$) and T_a. This parameter maintains the structure as well as the deductive and deterministic characters of the equations of this group. Its mathematical expression is presented as Equation 4.10.

$$T_e = T_a + \Delta T \qquad (4.10)$$

ΔT is directly proportional to the mean radiant temperature of the surrounding air and inversely proportional to u. The mathematical expression for ΔT is shown in Equation 4.11. It includes the thermal resistances to radiant heat transfer and convective heat transfer, a great advance in the specification of heat transfer.

$$\Delta T = (\bar{T}_R - T_a)\,(1 + (r_R)\,(r_a)^{-1})^{-1} \qquad (4.11)$$

where $\bar{T}_R$ is the mean radiant temperature of the surrounding environment,

r_R is the resistance to radiant heat exchange and r_a thermal resistance to convective heat flux of the boundary layer[26].

In his paper, McArthur presented a very interesting diagram of ΔT against u for different gradients between $\bar{T}_R$ and T_a. For low values of u, the higher the difference between $\bar{T}_R$ and T_a, the higher the value of ΔT. As u increases, ΔT asymptotically tends to 0 for any difference between mean radiant and ambient temperatures. It implies that for lower values of u the animals in confined environments are more sensitive to the thermal radiation environment. This coincides with what Monteith and Unsworth (1990) demonstrated when they graphically illustrated that the resistance to heat loss by convection at u of 10 m s^{-1} is lower than at 1 s m^{-1} for an animal of a given diameter, meanwhile the resistance to radiant heat flux was held constant for any animal diameter and at any u. Therefore, the higher the value of u, the lower the T_e for the same T_a and $\bar{T}_R$. Also it is observed that the wider the difference between T_a and $\bar{T}_R$, the higher the value reached by T_e. These facts should be kept in mind for future steps in this search for an appropriate parameter.

The parameter T_e is an interesting alternative to specify the micro-environmental conditions affecting the sensible heat exchange in a broiler chicken. Due to its nature, it fulfils the first three requirements for a suitable specification of the micro-environmental conditions. Although the expression of the effect of the radiant environment is not entirely clear, it would most likely have been chosen if a more concrete expression of the heat demand of the micro-environment on the chicken, namely the Effective Temperature (T_{ef}), had not been derived by Monteith and Unsworth three

[26] *The parameter r_a has been used by McArthur (1987) instead of r_H, which is the recommended symbol for the thermal resistance of the boundary layer to convective heat transfer. Although this nomenclature has been maintained to be faithful to the source, it is important to remind the reader that r_H is the symbol chosen in this thesis.*

years later.

Effective Temperature (T_{ef}) (Monteith and Unsworth, 1990)

The effective temperature (T_{ef}), presented by Monteith and Unsworth (1990), is a second option to seriously consider when specifying the micro-environmental conditions affecting a broiler chicken. It was derived by following a similar procedure to that used by Monteith (1974) to obtain θ_e^*, but without considering the water vapour pressure as a variable. In this 1990 version the heat transfer coefficients used in the calculation of apparent equivalent temperature have been replaced with the resistance to radiant and convective heat flux.

Effective Temperature is the combination of T_a and an incremental term accounting for the joint effect of u and R_{ni}, or Radiant increment (ζ). The result is the temperature value that should be reached in a non-radiant environment in order for the animal to exchange the same amount of sensible heat (H) that it would dissipate if it were in a radiant environment (considering both environments with identical u).

The mathematical expression of T_{ef} (Monteith and Unsworth, 1990) preserves the structure used by Monteith (1974), i.e. the addition of an increment expressed in units of temperature to a value of T_a (Equation 4.12).

$$T_{ef} = T_a + \zeta = T_a + r_{HR}(\rho c_p)^{-1} R_{ni} \qquad (4.12)$$

where T_a is ambient temperature [°C], ζ is the radiation increment [°C], r_R is the thermal resistance to radiant and convective heat transfer in the boundary layer [s m^{-1}], ρc_p is the volumetric heat capacity of the air [J m^{-3} s^{-1}] and R_{ni} is the isothermal net radiation affecting the bird [°C].

The second term of the linear Equation 4.12, called radiation increment (ζ) (Monteith and Unsworth, 1990), expresses in units of temperature the action of the micro-environmental radiation and air velocity on the animal in the context of the boundary layer. The parameter r_{HR} is the combined resistance to radiant and convective heat fluxes imposed by the boundary layer. The resistance to radiant heat flux (r_R) has a constant value of 2.1 s m^{-1} for animals with the characteristics of a broiler (McArthur, 1981; Monteith and Unsworth, 1990). The value of the resistance to convective heat loss (r_H), as distinct from r_R, depends on both the dimension and shape of the animal's body and on the value of u (Monteith and Unsworth, 1990). According to Monteith and Unsworth (1990), when u is such that the Reynolds number is higher than 10^3, r_H is represented by Equation 4.13.

$$r_H = d(\kappa\, Nu)^{-1} \propto d^{0.4}u^{-0.6} \qquad (4.13)$$

where d is the characteristic dimension of the animal (diameter in the broiler, for being considered as a sphere) [m], κ is the thermal diffusivity of still air [$m^2\ s^{-1}$], and Nu is the Nusselt number.

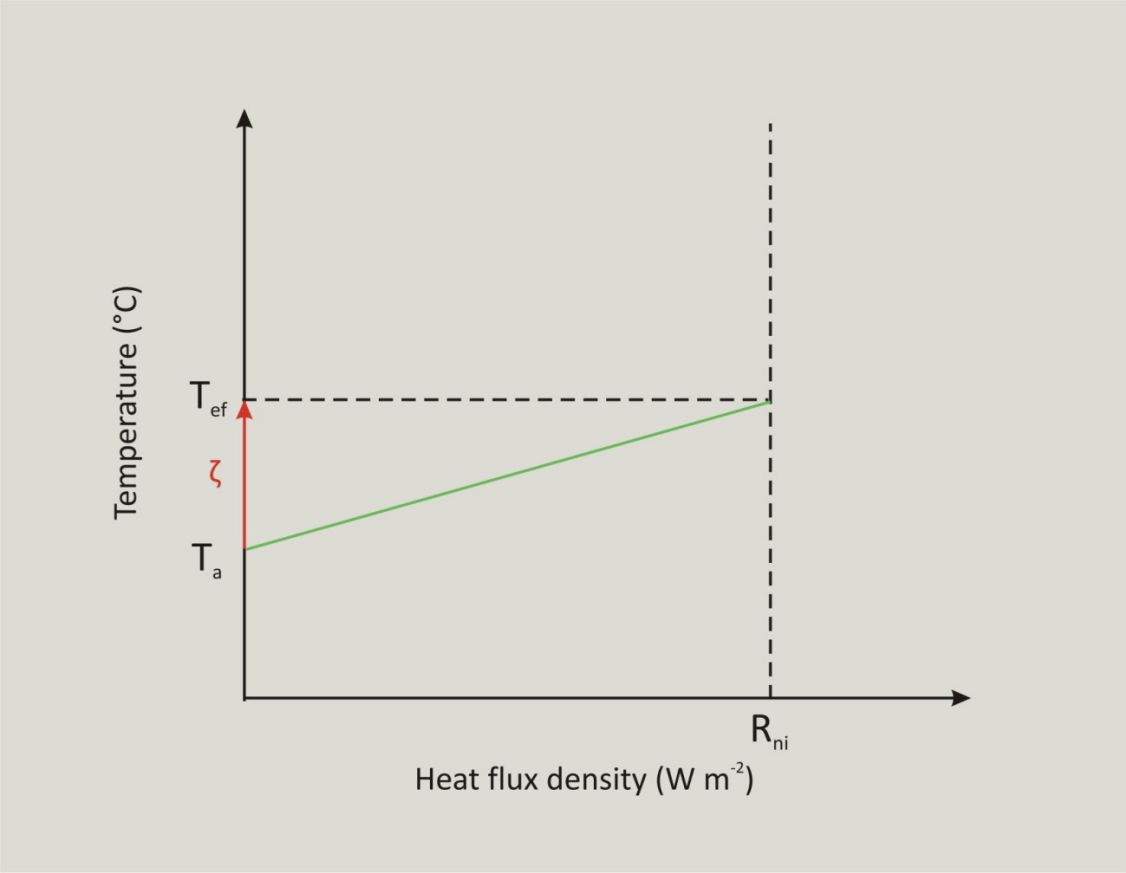

Figure 4.4. *Temperature vs. Heat Flux Density diagram for the graphical determination of T_{ef}. T_a: Ambient temperature, T_{ef}: Effective temperature, R_{ni}: Isothermal net radiation, ζ: Radiation increment (after Monteith and Unsworth, 1990).*

For a mature broiler chicken, with a body diameter of approximately 0.25 m[27], r_H and r_R are of comparable magnitude at the low values of u usually found in proper tunnel ventilated broiler houses (from 0.25 to 3 m s^{-1} at chicken level) (Monteith and Unsworth, 1990). Considering that in the boundary layer these two resistances are working in parallel (see Chapter 3),

[27] *Calculated using the allometric relationship $A_f = W^{0.67}/1000$(After Calder and King, 1974) and the equation $d_f = 2\sqrt{A_f/4\pi}$, where A_f is the surface of the feathered areas (assumed to be spherical) and d_f is the diameter of the feathered body.*

the total thermal resistance of the boundary layer to radiant and convective heat exchange, r_{HR}, is calculated, in analogy with Ohm's law (McArthur, 1987; Monteith and Unsworth, 1990; Campbell and Norman, 1998), according to Equation 4.14.

$$r_{HR} = (r_H^{-1} + r_R^{-1})^{-1} \qquad (4.14)$$

Figure 4.4 represents Equation 4.12 in a diagram of temperature *vs.* heat flux density (Monteith and Unsworth, 1990) for given values of u and R_{ni}. The slope is directly proportional to r_{HR}. The value of T_{ef} is then graphically determined by the intersection between the line with intercept T_a and slope $r_{HR}(\rho c_p)^{-1}$, with the R_{ni} flux density (Fig. 4.3).

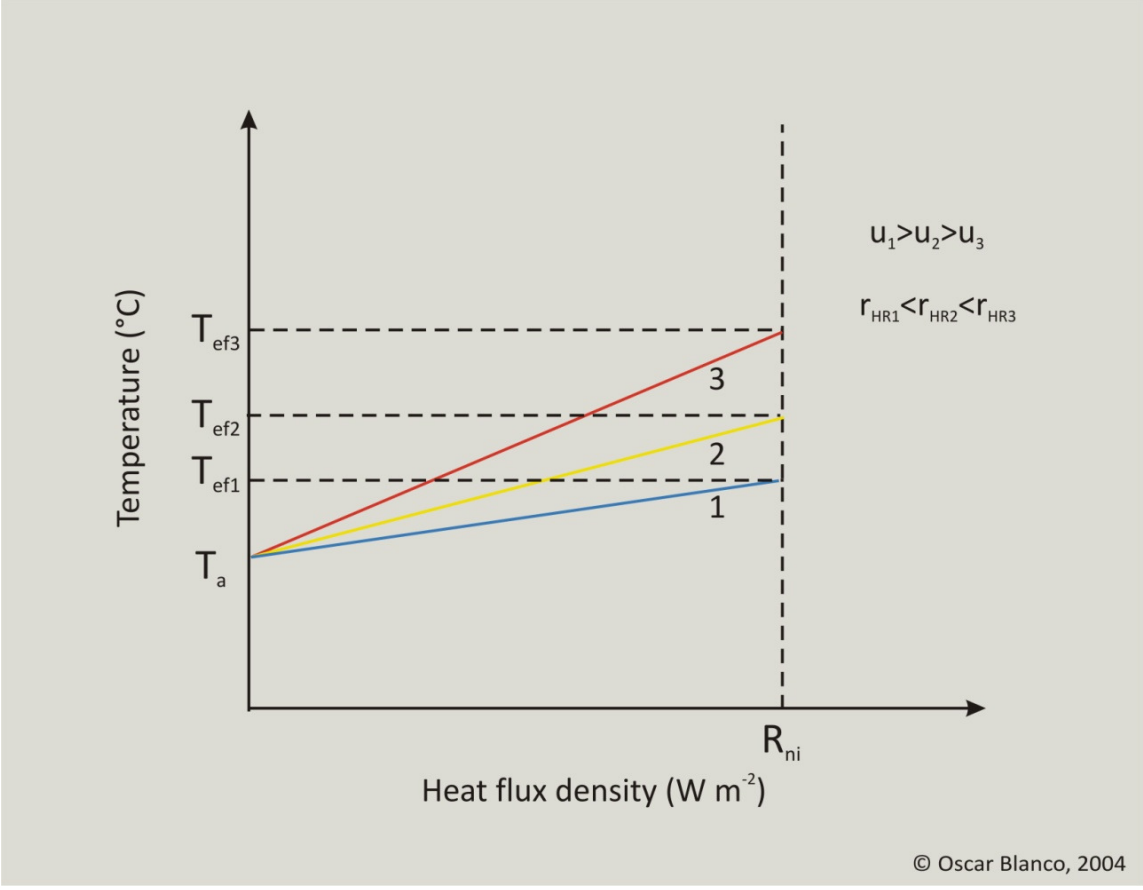

Figure 4.5. *Temperature vs. Heat flux density diagram for the graphical determination of* T_{ef}

considering three values of u, but the same T_a and R_{ni}. T_a: Ambient temperature, T_{ef}: Effective temperature, R_{ni}: Isothermal net radiation, u: Air velocity, r_{HR}: Thermal resistance to radiant and convective heat transfer through the boundary layer (after Monteith and Unsworth, 1990).

Variation of T_{ef}

Equation 4.13 shows that the resistance to convective heat transference is inversely proportional to u. Considering that the radiation increment is directly proportional to r_{HR}, higher values of u will result in lower T_{ef} for the same broiler in two micro-environments differing only in the value of u. The diagram of Figure 4.5 shows the effective temperature for the same broiler in three different micro-environmental conditions, after the elevation of u (from $u_1$to u_3), with the same values of T_a and R_{ni}.

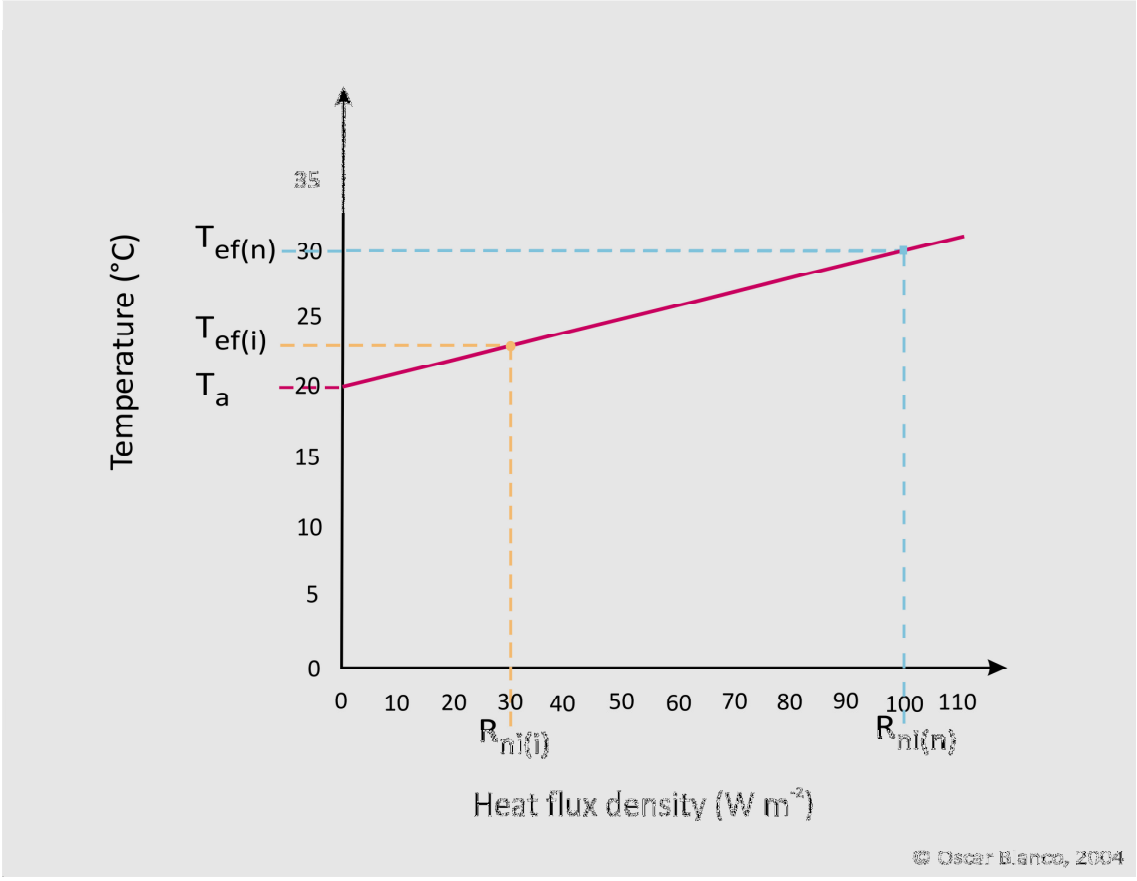

Figure 4.6. *Comparison between T_{ef} values reached in two hypothetical houses with and without insulated roof, at the same T_a, same u and same solar irradiance. $R_{ni(i)}$: Isothermal net radiation under insulated roof; $R_{ni(n)}$: Isothermal net radiation under non-insulated roof; $T_{ef(i)}$: Effective temperature for chickens under insulated roofs; $T_{ef(n)}$: Effective temperature for chickens under non- insulated roofs. (Taken from Blanco et al., 2003)*

Different levels of R_{ni} affect the broiler in different ways. For the same T_a and u, higher values of R_{ni} result in higher values of T_{ef}, which has important consequences in the control of the environmental conditions in a broiler house. Figure 4.6 (taken from Blanco *et al*., 2003) shows that two different levels of isothermal net radiation (R_{ni}), registered under an insulated and a non- insulated tin roofs, modify the value of T_{ef}. According to this figure, for the same value of T_a and u, a broiler exposed to higher R_{ni} would experience higher T_{ef}.

Other parameters of the third group

Many other theoretical parameters have been developed. For example, Monteith and Unsworth (1990) returned to the concept of apparent equivalent temperature (T_{eq}) already introduced at the beginning of this discussion, where it is symbolised as θ. In their revised version, they considered the total heat flux resistances of boundary layer (r_{HR}) instead of its heat transfer coefficient (h_{CR}). As in the form developed in 1974, this is based on the addition of a humidity increment (ξ) to T_a. They also obtained an apparent equivalent temperature corrected by radiation (T_{eqR}) from the combination of T_{eq} and a radiant increment. The parameter T_{eqR} is comparable to the environmental apparent equivalent temperature (θ_e^*) of Monteith (1974), included in this review as Equation 4.8. Also in this case the authors explicitly stated that equation T_{eqR} should be used only for sweating animals, in which evaporative and sensible heat loss are produced from the

same surface (skin surface). This parameter has the same advantages as θ_e^*, but T_{ef} is still more suitable.

Following a different line of thought, Campbell and Norman (1998) deduced a parameter accounting for the total effect of the micro-environmental conditions on the heat balance of a broiler, very similar to the T_{ef} proposed by Monteith and Unsworth (1990). They called it operative temperature (T_{op}). This parameter considers the same variables as those included in Equation 4.12, but they express the effect of radiation as the difference between the absorbed and emitted radiations. A second difference is the utilization of heat conductance for radiant and heat transfer instead of resistance, product of the mechanisms used to deduce the equation. As with T_{ef}, this parameter does not include an expression accounting for the amount of water vapour dissolved in air. The value of T_{op} obtained for certain environmental conditions is expected to be the same as the T_{ef} value if Equation 2.12 were applied.

4.4.3. Deciding between T_{e} (McArthur, 1987) and T_{ef} (Monteith and Unsworth, 1990)

Considering the former analysis, the two parameters that best suit the necessities of this model are T_{e} (McArthur, 1987) and T_{ef} (Monteith and Unsworth, 1990). At the moment of performing a further analysis in order to choose one to be included in the model, the author of this review found both particularly similar. They are linear equations in which an increment accounting for the effect of the radiant environment and u is added to T_a in order to estimate the total effect of the micro-environment. Furthermore, these increments were in both cases inversely proportional to u and, in some way, directly related to the micro-environmental radiation. To determine whether it was the same parameter expressed in the one case as a function of $\bar{T}_R$ and in the other as a function of R_{ni},

a new form for the thermal increment of T_e (Equation 4.11) was obtained by algebraic manipulation (Equation 4.15).

Considering

$$\Delta T = \frac{(\bar{T}_R - T_a)}{1 + \frac{r_R}{r_a}}$$

if

$$1 + \frac{r_R}{r_a} = \frac{(r_a + r_R)}{r_a}$$

then

$$\Delta T = (\bar{T}_R - T_a)\frac{r_a}{(r_a + r_R)} \qquad (4.15)$$

According to McArthur (1987) the isothermal net radiation (R_{ni}) can be defined according to Equation 4.16.

$$R_{ni} = \left(1 - \rho_{(\lambda)s}\right)\bar{S} + \rho c_p(\bar{T}_R - T_a)(r_R)^{-1} \qquad (4.16)$$

where $\rho_{(\lambda)s}$ is the mean reflection coefficient of the animal surface, $\bar{S}$ is the mean solar irradiance intercepted by the surface, $\bar{T}_R$ is the mean radiant temperature of the surrounding environment, T_a is the ambient temperature, r_R is the resistance to radiant heat transfer.

Assuming that a broiler in confinement is not exposed to short wave radiation, the first term of Equation 4.16 can be cancelled, giving an alternative form

presented in Equation 4.17.

$$R_{ni} = \rho c_p (\bar{T}_R - T_a)(r_R)^{-1} \tag{4.17}$$

Replacing the expression for R_{ni} of Equation 4.17 into the expression of Radiation Increment (ζ) from Equation 4.12 (for T_{ef}) we obtain:

$$\zeta = r_{HR}(r_R)^{-1}(\rho c_p)^{-1}\rho c_p(\bar{T}_R - T_a)$$

therefore

$$\zeta = r_{HR}(r_R)^{-1}(\bar{T}_R - T_a) \tag{4.18}$$

Considering now Equation 4.14 for r_{HR}, after algebraic manipulation, it can be expressed as Equation 4.19.

$$r_{HR} = (r_H^{-1} + r_R^{-1})^{-1}$$

then

$$r_{HR} = [(r_H + r_R)\,(r_H\, r_R)^{-1}]^{-1}$$

finally

$$r_{HR} = (r_H r_R)(r_H + r_R)^{-1} \tag{4.19}$$

Replacing now r_{HR} in Equation 4.18 by the expression in Equation 4.19

$$\zeta = r_{HR}(r_R)^{-1}(\bar{T}_R - T_a) = (r_H r_R)(r_H + r_R)^{-1}(\bar{T}_R - T_a)$$

a new mathematical form for the radiant increment is found and shown in Equation 4.20.

$$\zeta = r_H(r_H + r_R)^{-1}(\bar{T}_R - T_a) \qquad (4.20)$$

Comparing Equation 4.20 with Equation 4.15 it can be concluded that, since $\Delta T = \zeta$, the values calculated for T_e and T_{ef} will be the same for an animal of given characteristics exposed to the same values of T_a, $\bar{T}_R$ and u. Therefore, T_e and T_{ef} can be considered to be two different expressions of the same parameters.

Since R_{ni} is a more concrete expression of the burden the environment imposes on the bird, and bearing in mind that the diagram for estimating the heat excess (HE) in animals exposed to environmental conditions above least thermoregulatory effort (Chapter 9) used in the model reported in this thesis, T_{ef} is still regarded as the more suitable parameter for specifying the micro-environmental conditions.

4.5. Conclusions

The complexity of the micro-environment is such that finding a parameter that accounts for all the variables affecting the animal seems to be impossible. The simplification of the micro-environmental conditions to their minimal expression by considering only the most important variables can give an approximation of the real situation. Nonetheless, the oversimplification of this process would result in a coarse representation, which will add a great deal of inaccuracy to the final results of the simulation.

Certainly, a fairly complete specification of the environmental conditions surrounding the broilers should not exclude the three variables affecting sensible heat exchange

presented in this review, i.e. T_a, R_{ni} and u. Due to the fact that each of these variables affects at least one of the means of heat dissipation, ignoring any one of them would lead to an underestimation of the real environmental action (Curtis, 1983). This is one of the advantages of theoretical parameters over those of the first and second groups.

The mathematical form of the parametric equations is also important. The expression of the total effect of the micro-environment in one parameter not only facilitates the comprehension of the thermal interactions between the bird and the environment, but also helps to further analyse the environmental effect on the heat balance of the bird. The parameter DI, deduced through experimental procedures, is successful in expressing the importance of dry and wet bulb temperatures and introduces a vague idea of the effect of the air movement on the heat exchange between bird and environment. However, there is no differentiation between the concepts of environmental action and environmental effect, an important premise in the construction of our model. That constraint can be overcome by using parameters of the third group.

The approach used in the development of the environmental parameters is also of relevance. Emulating Monteith (1974), it can be said that the equations from the third group have the great virtue of generality. They have been developed in such a way that they are absolutely independent of animal species and properties of the interface animal-environment and, therefore, they can be used under almost any environmental conditions. This is the weakest point of the empirical parameters developed by the American School when compared to parameters of the third group. A clear example is the poor flexibility of DI_u (Tao and Xin, 2003) concerning the specification of the effect of u on the convective heat loss, as discussed above.

Curtis (1983) was concerned about the need for a careful assessment of the environmental conditions due to thermal environmental fluctuations occurring during the day. Paradoxically, most of the models presented in his book, due to their strictly

empirical nature, complicate the introduction of a dynamic component accounting for those daily fluctuations. Conversely, theoretical parameters such as T_{ef}, although they don´t include time as a variable, can account for those temporal variations if introduced in a dynamic context, as is the case with the model reported in this document.

Considering all the above, it is clear that a parameter of the third group is most suitable to account for the total effect of the micro-environment. When deciding on the most suitable theoretical parameter to be chosen from the third group, one should remember that chickens are non-sweating organisms, i.e. sensible heat loss is mainly dissipated from the body surface, whilst the regulation of the latent heat dissipation is only possible in the mucous membranes of the upper respiratory tract (see Chapter 5). Effective Temperature (T_{ef}), proposed by Monteith and Unsworth (1990), seems to be the most adequate parameter to represent the micro-environmental action on the bird. Its main limitation, of not including the variables affecting the regulation of the latent heat loss from the respiratory tract, can be overcome if the model where this parameter is included is able to account separately for the action of the water vapour pressure on the bird. That is the case with the model reported in later this thesis.

As a final thought, Curtis (1983) said that most of the attempts to develop a parameter accounting for the effect of the micro-environment on the heat balance of a broiler fail to consider the way in which behavioural factors (to some extent, uncontrollable and very difficult to model) affect the characteristic of the interface between bird and its surroundings. Thurnpenny *et al*. (2000 b), twenty years later, still found the same limitation in the development of a parsimonious model for thermal balance of livestock. Therefore, the parameters of the third group are far from being the ideal specifications of the environmental conditions, although they are currently the most suitable tools at our disposal for expressing the micro-environmental action. The challenge to develop a more accurate indicator of the micro-environmental variables still remains unsolved.

Thermal properties and thermoregulatory mechanisms in broiler chickens

5

« (...) De là résulte que le corps inerte subordonné à toutes les conditions cosmiques se trouve enchaîné à toutes leurs variations, tandis que le corps vivant reste au contraire indépendant et libre dans ses manifestations; ce dernier semble animé par une force intérieure qui régit tous ses actes et qui l'affranchit de l'influence des variations et des perturbations physico-chimiques ambiantes »

Claude Bernard (1865)
Introduction a l'étude de la médicine expérimentale[28]

5. 1. Introduction

Being a homoeothermic animal, a broiler keeps its body temperature within a relatively narrow range (King and Farner, 1961) by dissipating all the heat that it produces per unit of time. The heat flux density from the animal to the surrounding environment depends on the micro-environmental conditions (whose mathematical specification was considered in Chapters 4), on the characteristics of the animal (including its thermal properties and its anatomical characteristics), and on the thermoregulatory mechanisms that modify the thermal properties of the bird.

[28] *"(...) From this, it results that the inert bodies are subordinated to all external conditions and chained to all their variations, whilst living bodies are independent and free in their manifestations. The latter seem to be animated by an internal force that governs all their acts and frees them from the variations and physicochemical perturbations of the environment." Claude Bernard (1865) Introduction to experimental medicine.*

Broiler chickens have very peculiar thermal properties and thermoregulatory tools that differentiate them from other livestock species. These unique attributes should be considered when modelling the relationship between the bird and its surrounding environment. Overlooking such characteristics can render inadequate estimations of the responses of the bird to different environmental conditions.

The group of autonomic and behavioural factors establishing a thermal state are interrelated in quite a complex, dynamic pattern, in which each of those factors could be considered at the same time to be cause and effect of the others.

In the present chapter the author analyses the more relevant thermal properties, as well as thermoregulatory abilities and limitations of a broiler chicken. These concepts will be utilised in Chapter 6 to understand the new ideas of least thermoregulatory effort and in Chapter 8 as foundation to the model of a thermoregulating broiler chicken.

5. 2. Physiological parameters of broiler chickens

In order to model the physiological responses of a broiler to different thermal micro-environments, it is necessary to describe the physiological state of the bird by means of the values of its physiological parameters. The author decided to utilise in this model only body temperature (T_b) and respiratory rate (RR), due to their direct effects on the themoregulatory processes and, also, because these are the first parameters to show changes in a heat-stressed animal.

5.2.1. The relationship between RR and T_b

The normal range for T_b has been established as being between 41 °C and 42 °C for a broiler after its third week of age (Calder and King, 1974). In a broiler at least thermoregulatory effort, T_b is considered to be at the lower limit (Nichelmann, Baranyiovà, Goll and Tzschentke, 1986; Nichelmann, Baranyiovà and Tzschentke, 1986).

The value of RR has been demonstrated to be directly dependent on T_b (King and Farner, 1961). Experimental measurements of RR published by Zhou and Yamamoto (1997) have been regressed against the data for variation in body temperature (T_b). The resulting linear expression is used in the model for estimating RR at different T_b (Equation 5.1).

$$RR = 131.56T_b - 5370.6 \qquad (5.1)$$

The value of RR cannot vary indefinitely. The lower physiological limit was estimated to be 23 min^{-1} for T_b at the lowest normal value (41°C). This value is similar to that obtained with the equation presented by Calder and King (1974) for non-passerine birds. The highest possible value has been set in the model at 250 min^{-1} for a finishing broiler (Barnas and Rautenburg, 1987).

5.3. Thermal properties of broiler chickens

In this section, the morphological and anatomical characteristics playing a relevant role in the thermoregulation of the bird are discussed.

5.3.1. Bird's insulation

Domestic fowls differ from domestic mammals and some wild birds (such as penguins) in not having important subcutaneous fat. The accumulation of adipose tissue occurs mainly in the abdominal cavity, being therefore irrelevant in terms of providing thermal insulation to the bird (Hutchinson, 1954a). Thus, the total thermal resistance of a chicken to heat dissipation is given by the resistance of the boundary layer (discussed in Chapter 3), the thermal resistance of the skin of the bare appendages and of the feathered areas, as well as the characteristics of the feather coat.

5.3.1.1. Feathered areas, feather coat and feather coat resistance

The feather coat covers approximately 75-80 % of the body surface of an adult broiler chicken (McArthur, 1981a,b). It consists of an arrangement of feathers and air trapped between them. The physical and thermal properties of its components determine the value of its thermal resistance (r_c) (Wolf and Walsberg, 2000).

The arrangement and composition of the feather fraction is more complex and specialised than the structure of animal fur. It consists of at least two layers: down feathers and contour feathers. The former are characterised as being extremely light and with high insulating properties. The feathers of the contour layer are arranged in such a way that they form a windproof, flexible shell (Hutchinson, 1954a).

The air trapped between the feathers is the second important factor determining the thermal properties of the feather coat. The bird takes advantage of the low thermal conductivity of air in order to reduce the total conductivity of the feather coat.

The composition of the feather coat is not constant. The chicken can manage the value of r_c by reorienting its feathers in order to change the amount of air trapped between them. In this way, the feather coat becomes a dynamic structure, which (according to Wolf and Walsberg, 2000) is able to work as a thermal buffer between the bird and its surrounding environment.

The integrity of the feather coat also has an impact on that buffering capacity. Richards (1977), Nichelmann, Baranyiovà and Tzschentke (1986) and Nichelmann, Baranyiovà, Goll and Tzschentke (1986) reported very important differences in metabolic rate (M) and physiological parameters

between hens with different feathering scores (Emmans and Dunn, 1973) exposed to different micro-environments. Those differences were particularly evident in environmental conditions below those leading to least thermoregulatory effort.

Heat transfer through the feather coat

The amount of sensible heat transferred through the feather coat is inversely proportional to the value of r_c. The heat is transmitted across the feather coat by conduction through the feather material as well as by convection and conduction through the air trapped between the feathers (Wolf and Walsberg, 2000). These two forms of heat transfer follow the rules expressed in Chapter 4 of this thesis.

The radiant heat transfer from the surface of the feather coat to the body of the animal involves a slightly more complex process. Due to structure, thickness, reflectivity, absorptivity and even colour of the feather coat, the penetration of the photons of radiating heat is very limited and variable in magnitude (Walsberg, 1988; Wolf and Walsberg, 2000). When the micro-environmental radiation enters the feather coat, the photons would move to a depth z. This distance depends on the intensity of the radiation (I), on the resistance of the boundary layer to radiant heat transfer, and on the absorptivity of the feather material (Wolf and Walsberg, 2000).

The value z is also directly related to the colour of the plumage and to the magnitude of u affecting the bird. Darker chickens can absorb more radiation than white birds, simply because the former have higher absorptivity and lower reflectivity for radiant energy. An interesting fact is that higher values of u have a greater effect on heat loss in dark than in light chickens (Wolf and Walsberg, 2000).

Considering the variety of factors affecting the properties of the feather coat, it is clear that the value of r_c it is not unique. The next section dedicates more time to the analysis of the variability of r_c.

Approaching the variability of r_c

As stated in the previous section, a multitude of factors affect the characteristics of the feather coat (age, sex, strain, anatomical region, and micro-environmental conditions). As a result, the inconsistency and variability of values of r_c reported in the literature should not be surprising.

According to Campbell (1977), a resistance to heat transfer (r) can be estimated using Equation 5.2.

$$r = l(\rho c_p)k^{-1} \qquad (5.2)$$

where l is the depth of the medium [m], ρc_p is the volumetric heat capacity of the air [1 200 J m^{-3} K^{-1}], and k is the thermal conductivity of the material [W m^{-1} K^{-1}].

In accordance with Equation 5.2, qualitative and quantitative changes in the composition of the feather coat will introduce modifications to the value of r_c, through variations in the value of k. The typical example is the modification of the ratio of feathers to air trapped between the feathers observed during *ptilo*-erection. Wolf and Walsberg (2000) reported that in finches, quail and thrushes, when feathers are in the normal position (i.e. without *ptilo*-erection, as in least thermoregulatory effort), the insulating capacity of the feather coat is approximately 33-39 % of that corresponding to a layer of unstirred air of the same thickness. In any case, the magnitude

of k is expected to be less than that of a compact layer of feathers of the same thickness. Walsberg *et al.* (1978) showed that *ptilo*-erection in pigeons increases r_c in more than 50%, for different plumage colours and in a wide range of u. Additionally, *ptilo*-erection would modify the magnitude of r_c by changing l. Regarding the modification of depth of the feather coat, Sallvik (1999) reported values of thermal resistance of feather coat of chickens for three different of l (Table 5.1).

Table 5.1. *Thermal resistance of feather coat to sensible heat transfer (Sallvik, 1999)*

Depth of coat (l) (mm)	Thermal insulation (s m^{-1})†
5	128.2
10	256.4
20	512.8

† The original data, expressed in K m^2 W^{-1} have been converted into s m^{-1} by using the equivalence 1 s cm^{-1} = 0.078 K m^2 W^{-1}(McArthur, 1987)

Age of birds, their productive purpose, as well as the conditions under which they are kept, affect the composition of the feather coat and its k. For example, the inability of day-old chickens to maintain their body temperature in a physiological range is due, in part, to their low feather coat resistance[29]. That resistance increases as the animal matures, and to such an extent that for chickens grown in tropical climates, it may become a burden. In the case of laying hens, the reduction of r_c due to the loss of feathers at advanced age has been extensively studied (Richards, 1977; Nichelmann, Baranyiovà and Tzscentke, 1986; and Nichelmann, Baranyiovà, Goll and Tzscentke, 1986; amongst others). These authors showed the tremendous impact of feather coat integrity on r_c, on the conditions at which the bird is at least thermoregulatory effort, as well as on the thermoregulatory capacity

[29] *There are other additional reasons for the incomplete thermoregulatory competence of day-old chickens, for example thair high surface:mass ratio and small body diameter resulting in a low resistance of boundary layer (see chapter 3)*

of the birds. Poorly feathered birds shifted their point of least thermoregulatory effort to warmer conditions, becoming very sensitive to environments that a normal bird would sense as temperate or slightly cold.

A more important problem when estimating r_c is the variability of the properties of the feather coat between anatomical regions. The variations of r_c due to factors such as sex, strain, and thermal state of the bird can be ruled out relatively easier in the modelling process compared to the problem of anatomical differences.

The composition of the feather coat varies between different anatomical regions and so does the value of r_c. This would affect the value of the total feather coat resistance in a degree proportional to the fraction of the total feathered surface area represented by each anatomical region (Bakken, 1981). In that way, the utilization of a single, average value of r_c, such as those given by Mount (1979) and McArthur (1981a, b), must only be regarded as rough approximations.

A model such as that presented by Bakken (1981) could be a means to produce a more accurate estimation of r_c. In such an approach, the total resistance of an animal coat is estimated by considering resistances of several regions of the body that, after being multiplied by weighting factors accounting for the proportion that each area represents over the entire surface of the animal, are summed following Ohm's Law for parallel resistances (see Chapter 3). However, there are few published data on the regional variation of r_c. Özkan (2002) published the values of r_c for crop and back regions of a broiler, but this is insufficient for the estimation of the total resistance of the feather coat. According to this author's knowledge, no other determinations of such nature have been performed, making Bakken's

model difficult to apply at present.

It is, therefore, difficult to decide whether to use average values of r_c such as those given by Mount (1979) and McArthur (1981a, b), or to calculate a possible value with the available data, and applying Ohm's Law for parallel resistances. The author has chosen the second option, acknowledging the unavoidable inaccuracies in the final result, which in any case would happen, whichever method were used. As a consequence, the quantification of r_c has been one of the weakest points of the model, and further exploration of this topic is essential in order to increase the accuracy of the estimations.

5.3.1.2 The bare appendages

Anatomical features and thermal resistances of bare appendages

Under the term "bare appendages" the author has grouped the anatomical regions shanks, wattles and comb. According to McArthur (1981a, b) they represent 0.15 to 0.20 of the total body surface area of an adult chicken. Several properties of the bare appendages make them pivotal components of the thermoregulatory machinery of broiler chickens.

The thermal resistance of the bare appendages (r_n)[30] consists of the serial arrangement of the thermal resistance of the bare skin (r_{s_n}) and the thermal resistance to convective and radiant heat transfer through the boundary layer of the appendages (r_{HR_n}).

Two factors are responsible for the value of r_n being lower than the thermal resistance of the feathered areas (r_f). In the first place, the lack of a feather coat implies the absence of the insulating layer of air that *wraps* the

[30] *The subscript n stands for "naked" or "nude" appendages*

remaining 80 % of the body. Secondly, the reduced size of these anatomical regions increases the heat dissipation when compared to the feathered areas. As explained in Chapter 3, the relatively small dimension results in a lower value of r_{HRa} (Monteith and Unsworth, 1990; Campbell and Norman, 1998). Additionally, these appendages possess a much higher surface to mass ratio compared to feathered areas, which further facilitates heat dissipation (Batschelet, 1979) (See Chapter 3).

Bare appendages of these characteristics are a useful, necessary tool during summer but a liability in cold environments. In order to control the amount of heat lost to the environment from the bare appendages, the bird utilises physiological and behavioural strategies. From the behavioural point of view, if the bird is exposed to cold environments it may cover the appendages under its feathers (e.g. sitting). Conversely, in hot environments the bird will expose the bare appendages to facilitate heat dissipation. From the physiological point of view, birds are able to regulate the amount of blood flowing to the bare appendages, controlling in this way the skin resistance to heat transfer (r_{s_n}). The vascular arrangements and their thermoregulatory function in different environmental conditions are analysed in section 5.4.1.

5.4. Thermoregulatory mechanisms used by broiler chickens

Chickens, as any other homeothermic, endothermic living being, are constantly challenged by changes in the thermal environment in which they are immersed. This acquires a particular relevance in birds, if one considers that the conditions leading to least thermoregulatory effort are reduced to a single point (Tzschentke *et al.*, 1996), beyond which the environment becomes gradually more hostile (see Chapter 6).

In response to any thermal perturbation, a battery of thermoregulatory mechanisms is

activated. This series of physiological, biochemical and behavioural strategies has the objective of modifying temporarily the thermal properties of the bird. This results in a different rate of heat exchange with the surrounding environment and/or a modification of heat production, increasing the chances of maintaining homeothermy and of keeping the levels of entropy between acceptable boundaries.

Applying the ideas of Recordati and Bellini (2004) discussed in Chapter 2, thermoregulation can be seen as a progressive change in physiological parameters towards the achievement of a new steady state. In order to guarantee the continuation of the life of the bird, the values of those physiological parameters should fall between physiological boundaries throughout the period of thermoregulatory response. Additionally, the bird should be able to return to the initial state once the perturbation has disappeared (Recordati and Bellini, 2004; Yates, 2002). Furthermore, the bird should be capable of developing an equally appropriate response to a new stimulus that moves it from the previous perturbed situation to a new one, which could be normal or abnormal.

Birds utilise basically the same thermoregulatory mechanisms as domestic mammals, but they have achieved particular levels of specialisation. Although there are mechanisms specific to birds, the differences are determined mainly by the degree to which some of the mechanisms are used by birds and mammals as well as by the sequence in which they are activated. The author of this thesis believes that feather cover has a decisive role in that differentiation. Feathers constitute a very efficient barrier against heat and moisture dissipation, reducing the effective surface area for *free* heat exchange to only 20% of the total body surface area (McArthur, 1981a, b). In such conditions birds had to develop other strategies to keep T_b between physiological boundaries.

In the following sections, the thermoregulatory peculiarities of chickens are analysed taking a physiological approach. The importance of the sequence of activation of

thermoregulatory mechanisms is considered in Chapters 6 and 7.

5.4.1. Vascular responses to environmental stimuli

Chickens, as with most bird species, have developed peculiar vascular arrangements in the bare regions of their bodies. Their function is to redistribute the blood between the core and the bare appendages of the chickens according to the environmental conditions and/or the values of T_b (McArthur, 1981a). For example, when the environment imposes high thermal impedance, the chicken increases the blood flow to the peripheral bare tissues in order to increase heat dissipation. Conversely, cold environments result in a diminution of the blood flow to these areas, hence reducing the surface temperature of the appendages and the heat loss (McArthur, 1981a). One is tempted to hypothesise that these arrangements are, in part, responsible for the versatility of birds to inhabit a wide range of environments.

Chickens possess two types of vascular arrangements. The first is known as the *Rete Tibiotarsalis*, which preserves heat by a countercurrent exchange mechanism between arteries and veins of the tarsal-metatarsal region. The second is known as *arterio-venous anastomoses* (AVAs), which increases the blood flow to the appendages when heat dissipation is mandatory. The changes in the vascular resistance in these two systems is what, in a more general approach, are recognised as vasoconstriction and vasodilation.

In the following sections both *Rete Tibiotarsalis* and AVAs are studied from the anatomical and physiological points of view.

The Rete Tibiotarsalis (RT): countercurrent mechanism for heat preservation

Countercurrent exchangers are anatomical arrangements that occur in

different species and/or organs with dissimilar objectives. In the kidneys, for example, a countercurrent mechanism, established between the Henle Loop and the efferent arteriole, is used to keep a highly osmolar renal medium when concentration of urine is required (Guyton, 1991). In the reproductive tract of cows, a countercurrent exchanger between the ovarian-uterine vein and the ovarian artery ensures that the prostaglandin produced in the uterus reaches the target cells in the ovary in high concentrations (Einer-Jensen and Hunter, 2005).

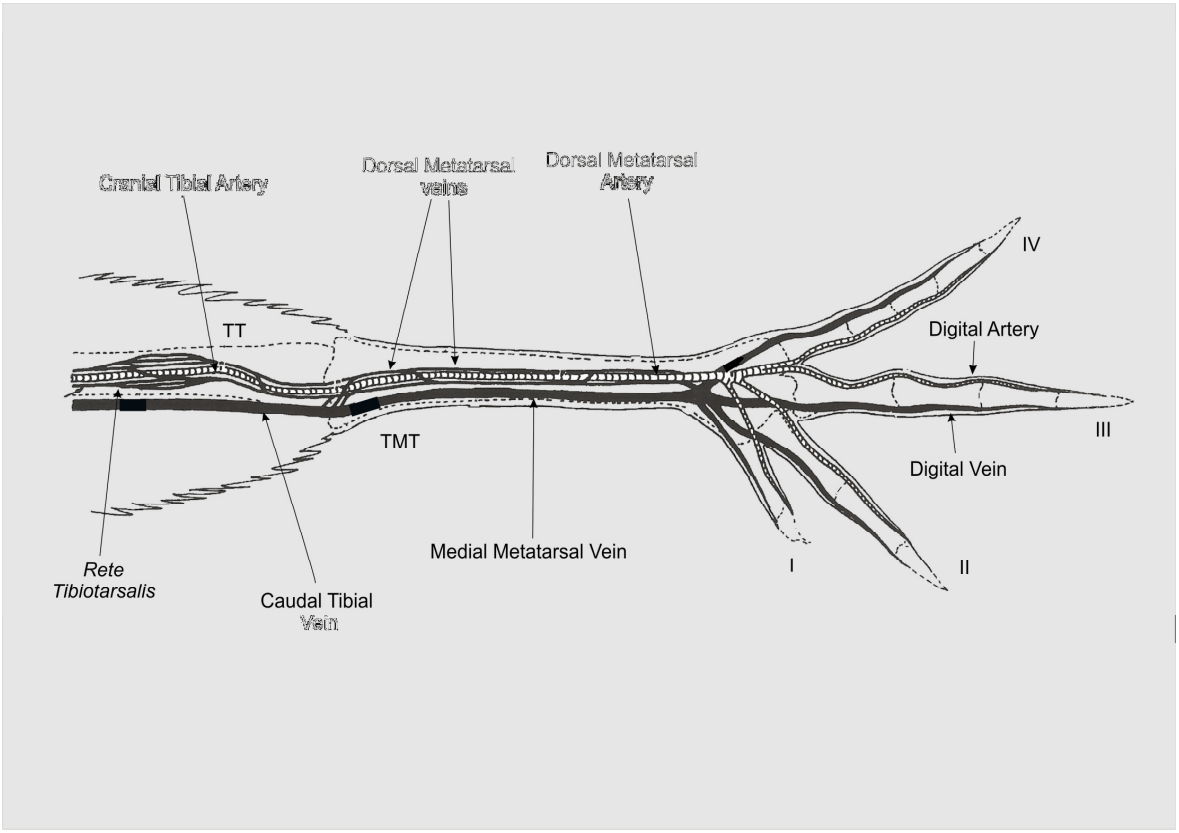

Figure 5.1. *Diagrammatical sketch of the major blood vessels of the chicken foot. TT: Tibiotarsus; TMT: Tarsometatarsus; I, II, III and IV: 1st, 2nd, 3rd and 4th digits (modified from Hillman and Scott, 1989)*

Countercurrent exchangers are used also as means to conserve heat in the body when an animal is exposed to environmental conditions below least thermoregulatory effort. These exchangers are normally situated in the proximal end of the bare appendages, with the objective of transferring heat from the outward flowing arterial blood to the cooler incoming venous blood. In this way, as the blood moves towards the distal part of the limbs, its heat content decreases and its temperature drops. Simultaneously, the temperature of the venous blood progressively increases while moving through the leg towards the heart, as it gains heat from the neighbouring artery. Finally, it results in a longitudinal thermal gradient between the origin of the limb and its free extreme. Once this gradient is established, the temperatures at each point of the bare appendage remain constant unless a change in environmental conditions occurs[31]. In that way, the blood is redistributed to the areas of the body covered with feathers, economising energy and avoiding severe drops in core temperature.

[31] *Under extremely cold conditions emergency vasodilation is required in order to protect the toes against frostbite. In those cases, the gradient can as well be affected.*

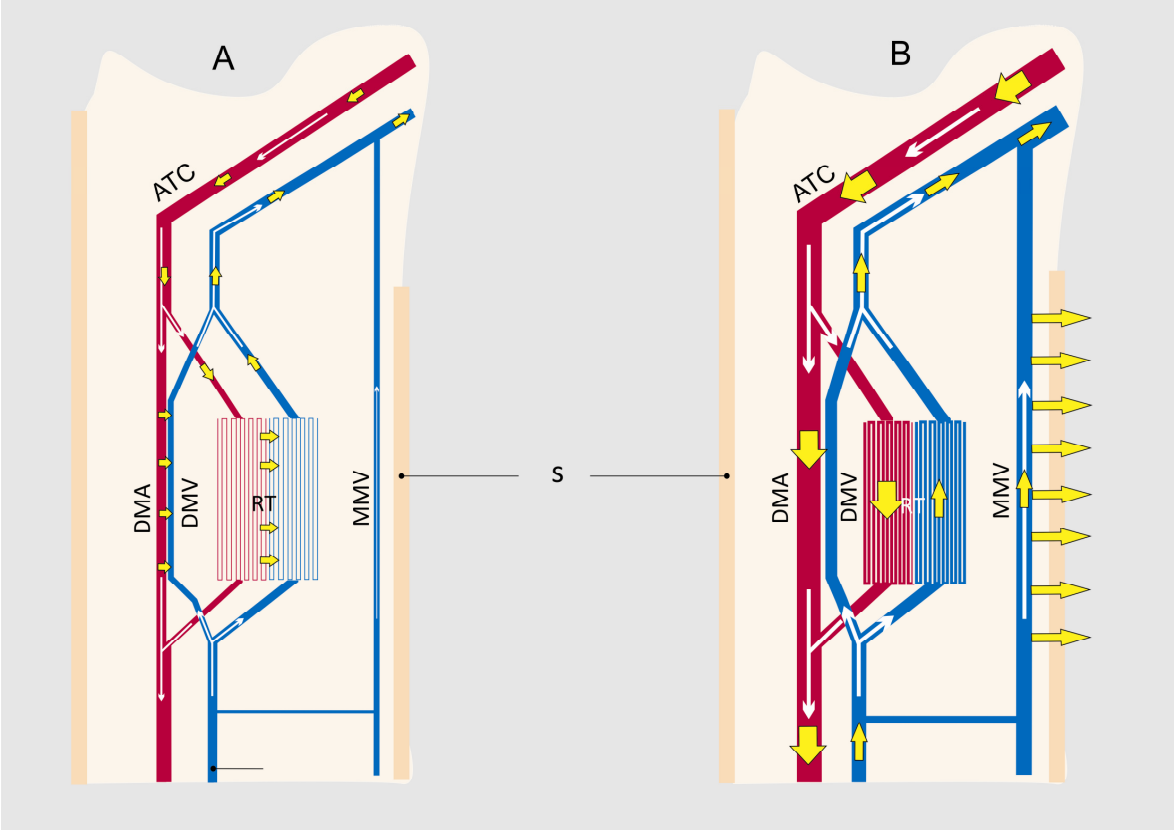

Figure 5.2. *Diagrammatic representation heat dynamics in the shanks of a broiler chicken exposed to environmental conditions below (A) and above (B) least thermoregulatory effort. The low blood flow in A allows for heat to be preserved through countercurrent heat exchange. ATC: Arteria Tibialis Cranialis; DMA: Dorsal Metatarsal Artery; RT: Rete Tibiotarsalis; DMV: Dorsal Metatarsal Veins; MMV: Medial Metatarsal Vein; s: bare skin of the shank. The white arrows show the direction of the blood flow. The yellow arrows show the course followed by the heat (after Mitgård, 1981).*

In all the above-mentioned examples of countercurrent mechanisms, one main condition should be necessarily fulfilled to create that transversal gradient between two flows in opposite directions: both the total flow in the system and the flow rate should be low. High circulating volumes, as well as high circulation velocity, are associated with destabilisation and loss of the gradient (Nolan *et al.*, 1978).

The *Rete Tibiotarsalis* (*RT*) is a vascular arrangement of the *rete mirabilis* type (Mitgård, 1981) occurring in birds. Through a countercurrent mechanism, *RT* helps to reduce heat loss from the shanks when the birds are in conditions below least thermoregulatory effort. The *RT* is situated in the distal part of the Tibiotarsal region, i.e. in the limit between the feathered leg and the non-feathered shank. It consists of two vascular nets, one of arteries and another of veins, disposed in close apposition.

The arterial blood supply to the *RT* is given by a branch of the *Arteria Tibialis Cranialis* (Figures 5.1 and 5.2), which divides to form the heat exchanger. Those branches distally converge and rejoin the main arterial branch, continuing distally as the Dorsal Metatarsal Artery. This artery branches at the end of the Metatarsus into four Digital Arteries.

The blood returns from the toes through the Digital Veins. These converge to give the Medial Metatarsal Vein, which is a major, superficial vein, and the Dorsal Metatarsal Veins, which continue proximal in close apposition to the Dorsal Metatarsal Artery. Some of these veins converge at the Tarsometatarsus and join the Medial Metatarsal Vein. The rest continues proximally to form the venous component of the RT. (Hillmann and Scott, 1989) (Fig. 5.1).

When the bird is exposed to conditions below least thermoregulatory effort there is a reduction of total blood flow to the limbs (Scholander and Krog, 1957) through anastomoses between arteries and veins that allow for the return of the blood towards the body before it reaches the shank (Mitgård, 1981; Hillman *et al.*, 1982; Wolfenson, 1982; Mitgård, 1984; Hillman and Scott, 1989, amongst others). At the same time a vasoconstriction of the vascular pathways to the capillary bed occurs, reducing the blood supply to

the toes to its minimum expression (necessary to keep a minimum, safe oxygen and blood supply to those tissues). As a result, the blood flow through the collateral venous system becomes negligible, and the venous return is centralised in the Dorsal Metatarsal Veins (Figs. 5.1 and 5.2) and the RT (Figure 5.1 and 5.2) Thanks to the minimal flow and flow rate in veins and arteries of the shank, the transversal and longitudinal gradients are formed and countercurrent heat exchange is possible (Fig. 5.2 (A)).

In conditions above least thermoregulatory effort, there is an increase in the blood flow through all the blood vessels of the limbs, including veins and arteries of the *RT*. Consequently, the transversal thermal gradient in the heat exchanger is conveniently lost and heat is not longer transferred from artery to vein. Additionally, the increase of blood flow through the superficial Medial Metatarsal Vein assists in heat dissipation (Fig. 5.2 (B)).

Arteriovenous anastomoses (AVAs): increasing blood flow as a means to thermolysis

Arteriovenous anastomoses (*AVAs*) have been identified by different anatomists in the subcutaneous tissue of comb, wattle, eyelid and toes. They differ in structure and number from region to region (Mitgård, 1984).

These anatomical structures connect arteries directly to veins. In conditions above least thermoregulatory effort, the blood is redirected towards the bare appendages of the body in order to increase sensible heat dissipation. The burden on the capillary vessels that this vasodilation potentially implies is reduced by the dilation of the *AVAs*. Since the total capacity of these anastomoses is higher than that of the capillary bed, their vasodilation allows the blood to bypass the capillary circulation, moving directly from artery to veins and maintaining an acceptable flow though the capillaries (Mitgård,

1984).

Wolfenson (1982), with the help of small radioactive spheres of different diameters injected in the blood stream, showed that vasodilation in the bare regions results, mainly, in an elevation of the *AVAs* flow. There is only a mild to moderate increase of the blood flow in the capillary vessels. In a second experiment, Wolfenson (1982) injected radioactive spheres in the Tibial Artery that would only pass through vessels of, at least, the diameter of a dilated *AVA*. As the ambient temperature increased, he found increasing number of those spheres in organs of the general circulation (liver and lungs) confirming that the vasodilation is produced in *AVAs*. Conversely, when chickens were exposed to cold environments, he found that the total blood flow decreased, but mainly due to a reduction in the *AVAs* flow.

Control of vasomotor activity: stimuli and effectors

Nolan *et al.* (1978), performing pharmacological experiments aiming at the blockage of vasodilation and vasoconstriction, reported that the arteriolar sphincters and *AVAs* are innervated by -adrenergic sympathetic fibres.

A basal -adrenergic vasomotor tone maintains the blood flow to the bare appendages when the bird is under least thermoregulatory effort. Vasodilation is not an active process, but the result of the relaxation of the muscular fibres of the arteriolar wall secondary to the loss of the sympathetic tone (Nolan *et al.*, 1978).

Regarding the stimuli triggering the thermoregulatory increase or reduction of the intensity of the -vasomotor tone, Richards (1976) established a direct relationship between the vasomotor action, postulating complete

independence from the values of core temperature. This would mean that vasodilation/vasoconstriction would be managed at local level in the form of a spinal reflex. Wolfenson (1983) considered this type of reflex to be only an additional mechanism for controlling the blood flow to the area, showing instead a close dependence of the vasomotor tone on the body temperature. This is a more logical option, which would explain, for example, the vasodilation experienced in chickens forced to exercise in a treadmill.

Differential redistribution of blood flow

As stated in section 4.3.1.2, the variation of r_{sa} plays an important role in regulating the heat exchange with the surrounding environment. The adjustments experienced by r_{sa} secondary to variations in T_{ef} (Richards 1974) are the consequence of the changes in vascular activity previously discussed.

The consequences of the vasomotor activity have also been discussed by McArthur (1981a). When the bird is under cold conditions the blood flow to muscle, bone and skin (Wolfenson, 1982) is reduced, being the blood redirected to the bare appendages. In cold exposure, there is an influx of blood from skin and bone to muscle; this may have its explanation in the need for an increasing blood supply for shivering thermogenesis. According to these observations, blood flow to bones seems to work as a contingency mechanism, varying all the time according to the thermoregulatory needs.[32]

[32] *Note: Considering the inadequacy of the concept of a themoneutral zone in chickens (Chapter 4) used by Wolfenson (1982) when interpreting the results, the hypothesis of a single point of least thermoregulatory effort (Nichelmann, 1983) directs us to imagine a perpetually inappropriate (or at least continuously varying) blood flow to the bones. In the light of the strong experimental evidence given by Wolfenson (1982), further thought is necessary to reconcile the changes in blood flow with Nichelmann's observations).*

5.4.2. Evaporative heat loss (λE) as a means to thermoregulation

When the value of T_{ef} is close to, equal to, or above the surface temperature of the bird, the magnitude of sensible heat loss (H) is restricted and the amount of heat stored in the body tends to increase. In order to keep the values of entropy and T_b in acceptable ranges under those conditions, the bird should rely mostly on evaporative heat dissipation (Hutchinson, 1954a, b).

An interesting observation made by Dawson (1982) and Sallvik (1999) is that birds will try to prioritise H and use it instead of λE, in order to economise on water use. Later in this thesis, when the dynamics of thermoregulation are analysed, it will be seen that birds allow for an increase in body temperature to increase not only λE but also H.

Broilers lack sudoriparous glands, so evaporative thermoregulation may take three different forms. Firstly, they can increase latent heat loss from the respiratory tract (λE_r) (Barnas and Rautenburg, 1987) by panting. This is the more common and best known form of evaporative cooling in chickens. Different factors affect the value of λE_r and they are analysed in the next section.

A second mechanism consists of inducing latent heat loss from the skin by increasing the amount of water diffusing through the skin to its surface. This mechanism has been properly studied in pigeons (Arieli *et al.*, 2002; Marder, 1983; Ophir, Arieli, Raber and Marder, 2000; Ophir, Arieli, Marder and Horowitz, 2002; Ophir, Arieli and Marder, 2004), for which it constitutes a survival tool in hot climates. Unfortunately not much research has been conducted on thermoregulation by skin evaporation in broiler chickens.

A third method implies increasing evaporative heat loss from the cloacae. This thermoregulatory strategy has been recently described by different scientists (e.g.

Hoffman *et al*., 2007). In some species it may represent a large proportion of the thermal budget under conditions above least thermoregulatory effort. This thermoregulatory mechanism has not been included in the model and it won't be further analysed in this thesis, since (according to the current knowledge of this author) it has not yet been characterised for chickens.

5.4.2.1. Ventilatory evaporative heat loss (λE_r)

Ventilatory evaporative heat loss (λE_r) was believed to be the only alternative thermoregulatory mechanism for birds exposed to environments above least thermoregulatory effort. Perhaps this is due to the wrong perception that, without sudoriparous glands and with a thick feather coat covering more than the 80 % of the body surface area, birds were unable to dissipate latent heat from their skin surface (Dawson, 1982).

This perception has taken researchers to prioritise the investigation of λE_r, overlooking the other two possible routes of latent heat loss. This has rendered an important volume of comprehensive information on the topic.

The ventilatory evaporative heat loss, as explained in the next section, is attained by increasing the respiratory rate (RR). This is verified in the mucous membrane of the anterior respiratory tract of birds, comprising the nasal, oral and upper pharyngeal regions as well as the trachea (Lasiewski, 1972; Wilmer *et al.*, 2000).

Gular fluttering has been identified in some species as a thermoregulatory mechanism complementary to panting. The rhythmical movement of the hyoid apparatus produces the descent of the floor of the pharynx, exposing the mucous membrane of the pharyngeal region and the first portion of the oesophagus to the circulating air. This increases the total area available for

ventilator evaporation (Dawson, 1982; Wilmer *et al*., 2000)

The rules determining the rate of evaporation from the surface of the mucous membrane are similar to those for latent heat loss explained in Chapter 4 of this thesis. The peculiar factors affecting evaporation in λE_r are analysed below.

Factors affecting the value of λE_r in broiler chickens

Three are the main factors determining the amount of latent heat dissipated from the upper respiratory tract. The first one is the vapour pressure gradient (Δe) (McLean, 1974; Mount, 1979, Willmer *et al.*, 2000; among others) between the surface of the upper respiratory tract and the circulating air. Although this is a factor of extreme relevance, it is not possible to manage it for thermoregulatory purposes. Assuming that the surface temperature of the upper respiratory tract is close to T_b (Hutchinson, 1954a, b), and that under those condition such surface is almost saturated with water vapour, it is impossible to change Δe in order to increase λE_r.

Considering this limitation, the evaporation rate from the respiratory tract can be increased only by raising the volume of air exhaled per minute (V_E) (the second factor determining λE_r). The exhaled volume per minute (V_E) depends on the volume of a respiratory movement (or tidal volume) (V_T) and on the respiratory rate (RR) (Guyton, 1991) (Equation 5.3).

$$V_E = RR\, V_T \qquad (5.3)$$

According to Equation 5.3, the elevation of V_E results from the augmentation of the respiratory rate (RR), from the increase in tidal volume (V_T), or from both. In most species there is a decrease in V_T when RR

increases, being in some cases reduced to a value equal to or lower than the dead space of the anterior respiratory tract (Bech and Johansen, 1980).

The variation of RR also determines the value of the resistance to vapour transfer from the surface of the upper respiratory tract to the circulating air ($\boldsymbol{r}_{v_r}$), the third factor to be discussed in this section. Based on the experimental data of evaporation rates from the respiratory tract of Brown Leghorns published by Hutchinson (1954b), McArthur (1981a) reported an asymptotic reduction of $\boldsymbol{r}_{v_r}$ secondary to an elevation of RR, expressed in Equation 5.4.

$$r_{v_r} = [(9.1 \times 10^{-5}) + 9.0 \times 10^{-3}]^{-1} \qquad (5.4)$$

The effects of these three factors on the latent heat dissipation from the respiratory tract are combined in the parameter λE_r, whose mathematical expression (McArthur, 1981a) is presented in this document as Equation 5.5.

$$\lambda E_r = \rho c_p (e_r - e_a)(\gamma r_{v_r})^{-1} \qquad (5.5)$$

where e_r is the vapour pressure of the surface of the upper respiratory tract and e_a is the vapour pressure of the micro-environmental air, ρc_p is the volumetric heat capacity of the air, and γ is the psychrometric constant.

Equations 5.4 and 5.5 have been used in this project to account for the evaporative heat loss from the respiratory tract. However, and since the heat produced by a laying hen is expected to be less than the amount produced by a modern broiler, the utilization of Equation 5.4 for the estimation of r_{v_r} might result in the improper estimation of the micro-environmental effect on the heat balance of the bird. The disparities verified between the output

of the model and the experimental results could be attributed, in part, to the inadequacy of such an equation to represent the variation of r_{v_r}. Therefore, the experimental redefinition of r_{v_r} for broilers would be necessary if a higher accuracy were needed.

Characteristics of panting in chickens

Panting is the elevation of RR, according to Richards (1974), above the arbitrary value of 100 min^{-1}. From the physiological point of view, this arbitrary value has no utility if indicators of the physiological state of the animal do not accompany it. Since the model reported in this thesis focuses on simulating the regulation of T_b, the author considers the quantification of the relationship between RR and T_b, presented as Equation 4.1, sufficient for such a purpose.

According to Barnas and Rautenberg (1987), chickens increase their RR proportionally to the elevation of T_b, behaviour known as *non-resonant* panting. This differentiates chickens from other species (e.g. pigeons), which switch instantaneously to the maximum value of RR.

Two phases has been identified in the panting behaviour of chickens (Barnas and Rautenberg, 1987). In Phase I, RR increases gradually to its maximum possible value as T_b is raised 1 °C above its normal value, and then stabilises in a plateau of RR as T_b continues to increase for a further 2 or 3 °C. If λE_r at maximum RR is insufficient to dissipate the heat excess (HE), $T_b$continues to rise, and the broiler enters Phase II, characterised by a progressive reduction in RR, an accompanying elevation of V_T, and a resulting elevation of V_E.

Consequences of panting

The utilisation of thermoregulatory mechanisms often produces physiological imbalances in the chicken. The overall result is what makes a thermoregulatory process successful or a failure.

Many factors determine the success of the ventilatory latent heat loss. In the first place, it should be considered that panting is an active form of thermoregulation, in which muscular activity is involved. Coupled to the ventilatory effort of panting and gular fluttering, there is an increase in metabolic heat production. This phenomenon increases the heat load on the bird, resulting in a progressively higher value of T_b and a further acceleration of the respiratory rate. Depending on the values of the environmental conditions (specifically on the amount of water vapour contained in the air and on T_{ef}) and the degree of *fitness*[33] of the bird, T_b and RR may reach a new physiological steady state. In that case, the bird is able to dissipate all the heat it is producing per unit of time (i.e. resting metabolic rate and the heat load due to muscular effort), and the panting strategy can be considered to be successful.

In cases when panting is insufficient, the bird reaches values of T_b that are incompatible with life before being able to reach a new steady state. In this case the bird may die if the environmental perturbation is not removed fast enough.

Additionally to the immediate thermal consequences of the utilisation of ventilatory evaporation, one should consider other types of physiological imbalances that may affect other aspects of the bird physiology. A well known consequence of intense and/or sustained panting is the development

[33] *Fitness* in this case is used to indicate the ability of the animal to survive in a certain medium due to its anatomical, physiological and/or behavioral attributes.

of respiratory alkalosis by the bird (Willmer *et al.*, 2000). When the volume of air per minute is extremely high, there is a depletion of the levels of CO_2 at alveolar level, resulting in a higher rate of CO_2 diffusion from the blood through the alveolar membrane. The blood buffer bicarbonate/carbonic acid replaces the levels of circulating CO_2 by utilising HCO_3^- and H^+ to form carbonic acid (H_2CO_3), which is broken into H_2O and CO_2 (Fig. 4.3). This results in a reduction of H+ and an elevation of the systemic pH.

Respiratory alkalosis in chickens has been related to an impairment of weight gain by Teeter *et al*. (1985). Yahav *et al*. (1995) found that male and female broilers exposed to the combination $T_a =$ 35 °C and $RH =$ 60-65 % did not develop respiratory alkalosis, as opposed to those kept at 40-45 % and 70-75 % RH. The birds that did not develop alkalosis (probably due to a better compensatory renal function) grew better than those exposed to the other two thermal treatments.

5.4.2.2. Latent heat loss from interface I_b (λE_b) in broiler chickens

Latent heat loss from the interface I_b constitutes an important part of the energy budget of broiler chickens (Yahav *et al*., 1995) and should not be overlooked if appropriate estimations of the effect of micro-environment on the birds are needed. Richards (1976) reported that for domestic fowls from 12 to 22 months of age exposed to values of T_a below 21 °C[34], cutaneous evaporative water loss represented 78 % of the total evaporative water loss. When they were exposed to 40 °C it reduced to 25 %.

The magnitude of λE_b is governed by the general physical rules discussed in

[34] *It is interesting to note that until the middle 80's the experimental works on evaporative cooling seemed to ignore completely the importance of vapour pressure gradients on the latent heat exchange. In fact Richards (1976) states that the three-fold differences between the values of evaporative water loss reported by Hutchinson (1954b) and by Romijn and Lokhorst (1961) may be related to differences in the level of water vapour pressure in the surrounding air.*

Chapter 3 of this thesis and can be represented by the general mathematical forms reported in equations 3.29, 3.30 and 3.31.

According to Dawson (1982) it is necessary to differentiate between λE_b occurring in absence of heat loading (i.e. in conditions below least thermoregulatory effort), from that occurring in conditions above least thermoregulatory effort. The first case has been described as a passive diffusion of water affected only by the rules explained in Chapter 3 of this thesis (Crawford and Lasiewski, 1968; Marder and Ben-Asher, 1983; Marder, 1983; Webster *et al*., 1985; and McArthur, 1987, among others). The second has been reported in different avian species as an active mechanism through which the bird changes the resistance to water vapour diffusion through the skin (Arieli *et al.*, 2002; Hoffman and Walsberg, 1999; Marder, 1983; Ophir, Arieli, Raber and Marder, 2000; Ophir, Arieli, Marder and Horowitz, 2002; Ophir, Arieli and Marder, 2004; Wolf and Walsberg, 1996, among others).

Under both conditions, the heat latent heat loss from the feathered areas (λE_f) should be distinguished from the latent heat dissipation from the bare appendages (λE_n). This is necessary due to thermal and thermoregulatory differences between both components of interface I_b.

Latent heat loss from $I_b(\lambda E_b)$ in absence of heat load

As said above, in the absence of heat load, λE_b is an incidental phenomenon, affected mainly by differences in vapour pressure (Δe) and resistances to water vapour transfer (r_v). The peculiarities of this process in feathered areas and bare appendages are analysed in the following sections.

The effect of vapour pressure gradient between the skin body surface and the surrounding air (Δe) on λE_f and λE_n

Similarly to the case of ventilatory latent heat dissipation, Δe between skin and surrounding air is the driving force for λE_f and λE_n.

The values of the vapour pressure of the skin surface of the feathered areas (e_{s_f}) and of the bare appendages (e_{s_n}) depend on the skin temperature (T_{s_f} and T_{s_n}, respectively) and on the degree of saturation of the skin surface. Knowing the values of the three latter variables, e_{s_f} and e_{s_n} can be estimated using psychometrics (Ophir *et al*., 2000).

According to Richards (1974) the value of T_s in the feathered areas is very close to the core temperature and does not vary much over a wide range of T_a, which may result in a fairly constant value of e_{s_f}. Conversely, e_{s_n} is expected be more variable, since T_{s_n} is more likely to change.

The degree of skin saturation is variable, but in a normally hydrated bird can be considered to be close to saturation (Ophir *et al*., 2000).

The total resistance of I_b to water vapour transfer (r_{v_b}) and λE_b

The magnitude of the λE_f and λE_n also depends on the resistance to water vapour transfer of the feathered areas (r_{v_f}) and of the bare appendages (r_{v_n}) respectively. The resistance r_{v_f} consists of the serial arrangement of the resistances to water vapour transfer through skin ($r_{v_{sf}}$), feather coat (r_{v_c}) and boundary layer ($r_{v_{af}}$). For the bare appendages, r_{v_n} consists of the resistance to water vapour transfer through bare skin ($r_{v_{sn}}$) and through the boundary layer of the bare

appendages ($r_{v_{an}}$) arranged in series (McArthur, 1987).

The parameters $r_{v_{af}}$and $r_{v_{an}}$ are similar in magnitude to the respective thermal resistances to convective heat transfer through the boundary layer of feathered areas (r_{H_f}) and bare appendages (r_{H_n}) (McArthur, 1987; Monteith and Unsworth, 1990). It means that $r_{v_{af}}$ and $r_{v_{an}}$ are directly proportional to the main dimension of the bird and inversely proportional to air speed.[35] According to Monteith (1975), under forced or free convection, their value can be approximated with the general form presented in Equation 5.7.

$$r_{va} = y\, r_H \qquad (5.7)$$

where y is a value between 0 and 1 (e.g. $y = 0.8$ for $T_a = 40$ °).

In a similar way, Monteith and Unsworth (1990) proposed that $r_{va}/r_H = 0.93$.

Regarding r_{v_c}, its magnitude depends directly on the composition of the feather coat. According to McArthur (1987) "(...) *the transfer of water vapour through fleece occurs by diffusion enhanced by convection caused by gradients of temperature and vapour pressure*". Due to the important role played by the air within the feather coat on vapour transfer, a certain degree of variability of r_{v_c} is expected, directly related to *ptilo*-erection, feather integrity and depth. The procedure followed in this thesis for estimating the value of r_{v_c} is detailed in

[35] *In chapter 3 a more detailed analysis of the adimensional numbers describing mass transfer have been performed and the reader is referred to that chapter for more information.*

Chapter 8.

Finally, the values of $r_{v_{sf}}$ and $r_{v_{sn}}$ depend mainly on the temperature of the skin, on the degree of permeability of the skin to water, and on the degree of cutaneous vasodilation. Since the variations in the resistance to cutaneous water vapour transfer are of particular relevance for cutaneous water loss in birds exposed to conditions above least thermoregulatory effort, the behaviour of this variable are discussed later.

The discussion of this topic continues in Chapter 8, where the reader may find mathematical expressions for λE_f, λE_n and their corresponding resistances.

Latent heat loss from interface I_b (λE_b) under heat load conditions

It has been reported that many bird species are able to control the amount of non-glandular cutaneous water loss as a thermoregulatory mechanism when exposed to environments above least thermoregulatory effort (Dawson, 1982; Wolf and Walsberg, 1996; Hoffman and Walsberg, 1999; Arieli *et al*., 2002; Marder, 1983; Marder and Ben-Asher, 1983; Ophir, Arieli, Raber and Marder, 2000; Ophir, Arieli, Marder and Horowitz, 2002; Ophir, Arieli and Marder, 2004, among others).

The reasons for such control are not yet completely elucidated. In reputable scientific works, the *modifications of cutaneous blood flow,* associated with immediate thermoregulatory changes, have been reported as possible causes.

Such modifications are the result of the sympathetic control on the skin vasculature through -adrenergic receptors (αAR) and -adrenergic receptors

($\beta_1 AR$ and $\beta_2 AR$). Both αAR and βAR control vasoconstriction/vasodilation of the skin vasculature, although $\beta_2 AR$ seem to be located on the vasculature (Ophir *et al.*, 2000) whilst αAR and $\beta_1 AR$ seem to exert their control from superior levels via $\beta_2 AR$ (Ophir *et al.*, 2000, 2004).

Vasodilation occurs when the sympathetic vascular tone is reduced, resulting in an increase in T_s and an augmentation of the extravasation of fluids at the dermis. Both phenomena are responsible for a reduction in the value of r_{v_s} (Hoffman and Walsberg, 1999; Ophir, Arieli, Raber and Marder, 2000; Ophir, Arieli and Marder, 2004).

Ophir *et al*. (2000) have described a close dependence between T_s and r_{v_s}. Whilst the increase in T_s reduces the value of r_{v_s} to increase λE_b, evaporation from the skin will tend to reduce the value of T_s. Due to this feedback interaction, a bird kept in a constant thermal environment may be able to achieve a steady state after a given time of exposure. This can be interpreted as a safety mechanism through which the bird is able to closely control the water expenditure.

A second possible cause the variation of r_{v_s} is the combination of c*hanges in permeability of the stratum corneum of the epidermis and in the the vasculature of the skin.* Since this cause implies histological and physiological modifications related to prolonged acclimation processes, it falls beyond the scope of this analysis and it won't be further discussed.

5.5. Summary and integration

Broiler chickens possess peculiar thermal properties and are able to execute specific thermoregulatory strategies in order to modify those properties. The final objective is to

preserve homeothermicity, avoiding the accumulation of entropy to levels incompatible with life.

The feather coat covering between 80-85 % of the body surface area, a distinctive characteristic of most bird species, has an important role in the determination of those thermal peculiarities. The proportionally higher thermal resistance of the feather coat to H (or r_c) reduces to a minimum the heat dissipation from the feathered areas, centralising the control of H to the bare appendages (i.e. shanks, wattles and comb).

The bare appendages have been provided with two types of vascular arrangements: *the rete tibiotarsalis*, which helps to preserve heat by a countercurrent exchange mechanism between arteries and veins, and the $AVAs$, anastomotic paths that, when opened, increase the blood flow through the shank, allowing for a higher heat loss.

In cases where the value of the environmental variables impede the dissipation of all the heat produced in sensible way, the heat stored in the body core results in an elevation of T_b. Increasing the value of T_b in hot environments has some positive consequences. Firstly, it allows the bird to maintain an acceptable thermal gradient with the surrounding environment, aiming at maintaining the sensible heat loss as the main route for heat dissipation. This certainly is a strategy to economise on water loss, which otherwise will be lost through evaporative thermoregulation. Secondly, increasing values of T_b have been identified with the triggering and intensification of the evaporative thermoregulation in its two forms: ventilatory and cutaneous.

Considering the lack of sudoriparous glands in chicken integuments, ventilatory evaporative heat loss has historically been identified as the main and only mechanism of evaporative thermoregulation in these birds. It depends directly on the value of T_b and is performed through panting and gular fluttering. If utilised in a prolonged and/or intensive way, it can cause serious depletion of the levels of blood CO_2, leading to

respiratory alkalosis.

Some bird species are also able to increase the evaporative heat loss from their skin surface, although they lack sudoriparous glands. This is achieved mainly through the vasodilation of the $AVAs$ of the bare appendages, explained above. The increase in blood flow in the extremities is directly related to an increase in skin temperature (T_s) and an augmented permeability of the capillary vessels. Both phenomena are related to a reduction of the resistance of the skin to water vapour transfer (r_{v_s}), increasing in that way the total evaporative heat loss. Blood flow is controlled through sympathetic innervation, being the main trigger for variation in T_a and T_s. Its regulation consists of a feedback loop in which the increasing T_s leads to a decrease in r_{vs}. The resulting higher cutaneous water evaporation (λE_s) decreases the value of T_s, ameliorating the falling r_{vs}. In this way, the system can achieve a new steady state in which the preservation of water is maximised, by controlling the net water loss and generating a thermal gradient between the body core (with increased T_b) and the cooler skin.

This chapter has synthesised the key thermoregulatory mechanisms and integrated them in the context of a thermoregulatory response. It will be pretentious to assume that the complete story has been told in these few pages. The objective was simply to set the ground for the more complex analysis of the idea of least thermoregulatory effort (Chapter 6) and of dynamic thermoregulatory responses (Chapter 7). The description of the thermoregulatory responses will once again be discussed in Chapter 8 but in that case, from the mechanistic point of view, where the model of a thermoregulating broiler chicken is presented.

Thermoneutrality: burning old books[36]

6

"There is nothing more difficult to take in hand, more perilous to conduct, or more uncertain in its success, than to take the lead in the introduction of a new order of things."
Niccolo Machiavello

The Prince (1532)

6.1. Introduction

In Chapter 3 a model of the system broiler chicken was built that is capable of using basic thermoregulatory mechanisms to control the value of its state variables. In Chapter 4, it was concluded that effective temperature (T_{ef}) was the most suitable parameter (although not ideal) to express the environmental conditions affecting broiler chickens.

The present chapter addresses the need to define the micro-environmental conditions under which a broiler chicken is at least thermoregulatory effort (LTE), i.e. the conditions under which an active broiler, eating a given feed, can effortlessly dissipate as much heat as it produces in order to keep the body temperature (T_b) in a normal,

[36] *This chapter contains excerpts of the papers by Blanco and Gous (2006a, b; 2010b, c)*

physiological range. Based on the LTE conditions, one can model the *active* responses of a broiler to perturbations generated through exposure to conditions different from those leading to LTE.

In the literature, two schools of thought can be identified, based on their approach to the concept of least thermoregulatory effort. In the first instance, the *classicist* school recognises the traditional model presented by Mount (1979) as a valid explanation of the thermal response of a chicken to different thermal environments. In this conceptual model the conditions leading to LTE are represented by a range of *environmental* temperatures in which T_b is kept constant in an effortless manner. Most of the current research has followed this line of thought.

The second school of thought is based on the ideas of Martin Nichelmann and his research group at the Humbolt University of Berlin, (the *Humbolt School*, as it is called in this thesis) who during the 1980s and 1990s ventured to proclaim the "heretical" argument that Mount's diagram for thermoregulation in a homoeothermic animal (Mount 1979) might not adequately describe the physiological responses of a broiler to different environments. The Humboldt School proposes that the responses are parabolic instead of linear, suggesting that LTE is reached only at a single point.

In this chapter the different views of these schools are reviewed, and their limitations analysed, leading to a hypothesis that defines and characterises the representation of LTE that has been adopted as basis of the model reported in this thesis.

6.2. The dilemma: "TNT or TCZ?"

Under certain micro-environmental conditions, any homoeothermic animal can regulate its T_b without any effort, i.e. all the heat that the animal produces per unit of time per unit of surface area (M) is dissipated as sensible heat (H) and as latent heat (λE) (Campbell and Norman, 1998) without increasing the respiratory rate (RR) or M.

The classical theory of Mount (1979) considers five thermal ranges of T_a at which a homoeothermic animal displays different thermoregulatory responses and in which the physiological variables acquire different values. His classical diagram, cited in innumerable works, is reproduced once more in Figure 6.1.

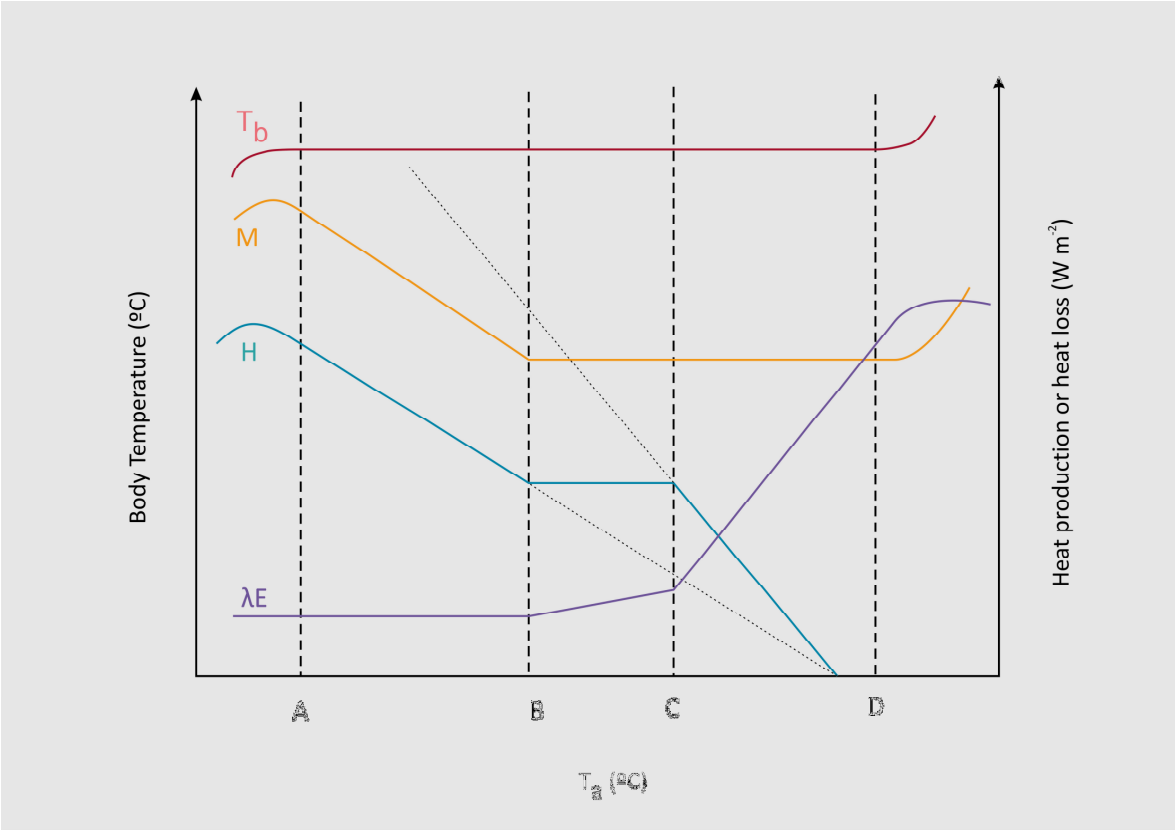

Figure 6.1. *Diagrammatic represention of the variations in sensible heat loss, latent heat loss, metabolic heat rate and body temperature for homeotherms with respect to ambient temperature. T_a: Ambient temperature; T_b: Body temperature; M: Metabolic heat production; H: Sensible heat loss; λE: Latent heat loss; A: Hypothermic point; B: Lower critical temperature; C: Upper critical temperature; D: Hyperthermic point (after Mount, 1979 and Robertshaw, 1981).*

In the mid-thermal range the animal does not present any active thermoregulatory reaction to the environment. Instead, it controls H by differential redistribution of the blood flow ($DRBF$) when exposed to different values of T_a. This range has been called thermal comfort zone (TCZ) (segment BC, Fig. 5.1). In TCZ, M was considered to be at its minimal expression, and T_b at a normal, constant, physiological value. The range TCZ has been enclosed by two values of T_a, corresponding to the maximum and minimum vasodilation, called upper critical temperature (UCT) and lower critical temperature (LCT) respectively (B and C in Fig. 6.1). It is important to note that this diagram agrees with the experimental results reported by Richards (1970) and confirms one of the assumptions of this model, in the sense that the thermoregulatory peripheral vasodilatation depends more on the values achieved by the micro-environmental T_{ef} than on the variations of T_b.

In the cases in which T_a falls below LCT (segment AB, Fig. 6.1), the animal is already at its maximum peripheral thermal resistance, and higher values of H are measured as the thermal gradient between the animal surface and the micro-environmental air increases. In order to maintain its T_b, the animal needs to achieve higher values of M at lower values of T_a, a situation that translates into an increased energy intake. As a result productive parameters may be negatively affected.

In situations in which the value of T_a is above UCT (segment CD, Fig. 6.1) the peripheral vasodilation is at its maximum. Under such conditions, the animal cannot maintain the thermal gradient between skin and surrounding air necessary to dissipate all the M generated. In order to avoid a rise in T_b secondary to heat storage, the homoeothermic animal should be capable of reaching higher levels of latent heat dissipation (λE). In the case of sweating animals, higher λE is the result of a higher rate of sweating and a higher RR. Higher rate of sweating tends to increase the vapour pressure gradient between the skin and the surrounding air. Faster RR, results in lesser values for the resistance to vapour transfer from the respiratory tract (r_{v_r}). In non-sweating animals such as broilers

chickens, λE is dissipated exclusively from the respiratory tract.

Under extreme micro-environmental conditions, the thermoregulatory mechanisms collapse. In situations imposing extreme thermal demand, the animal may undergo hypothermia. Conversely, conditions imposing an extreme impedance to heat dissipation, in the latent and/or sensible form, may result in hyperthermia. Such situations are considered as emergencies, since if the heat balance is not normalised, the animal may die.

Some researchers do not seem to support the application of Mount's theory (Mount, 1979) in the domestic fowl. As early as the 1950s, Hill (1951) proposed that heat production at different points over a range of T_a does not seem to present a uniform value, but is more likely to follow a parabolic trajectory. For some obscure reason this idea was forgotten and replaced by Mount's model.

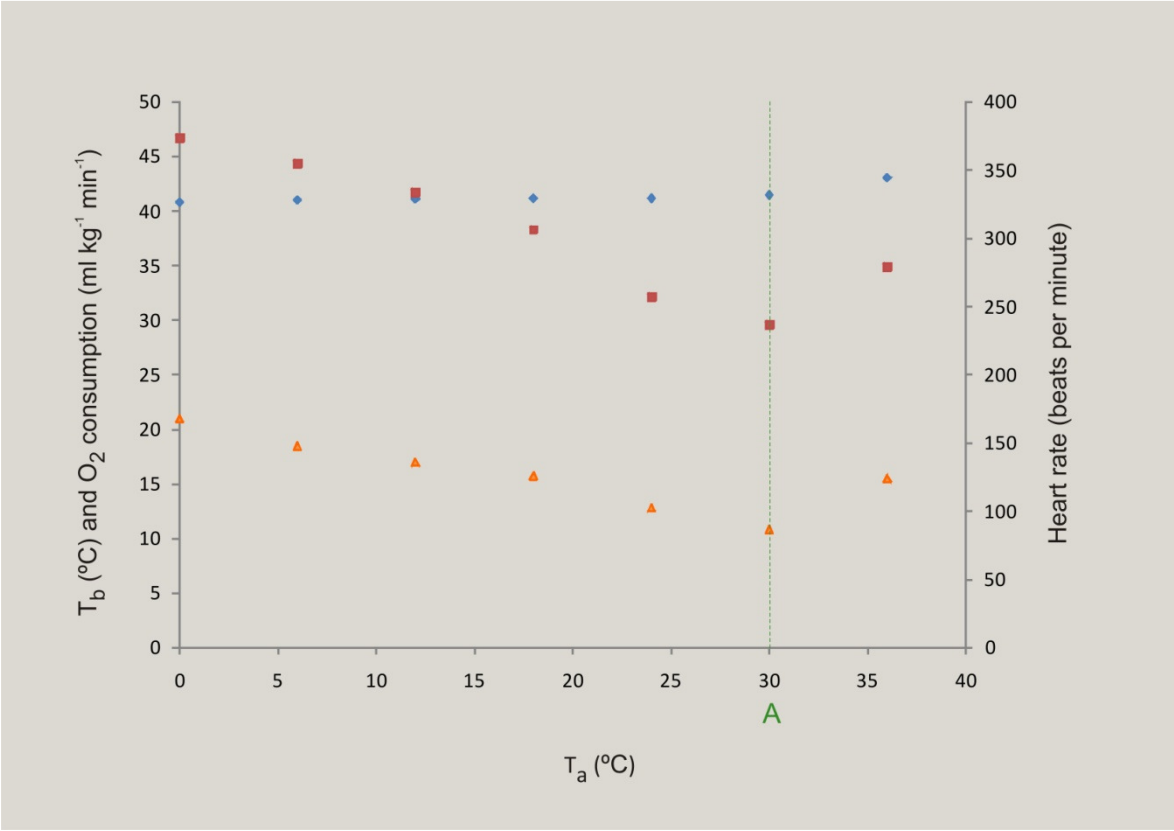

Figure 6.2. *Variation of the state variables body temperature (T_b), respiratory rate (HR) and oxygen consumption for broiler chickens exposed to different values of ambient temperature (T_a). The letter A indicates the value of T_a at which T_b and O_2 consumption show a minimum value and from which RR starts increasing (Plotted using data reported by Hooper and Richards, 1991)*

Forty years later, Hooper and Richards (1991), reporting their results on the study of the interaction of operant behaviour and autonomic thermoregulation in the domestic fowl, showed evidence that thermal comfort cannot be expressed in the terms and conventions of the classical school. Figure 6.2 shows a plot of the data reported in that paper for T_b, heart rate (HR) and oxygen consumption recorded in 30 observations on 6 fowls exposed to different *ambient* temperatures.

The data distinctively show minimum values of RR and O_2 consumption when T_a is equal to 30 °C, indicated in the graph with the letter A. Values of T_a above and below A are related to higher levels of HR and O_2 consumption, which may be the sign of an increase in metabolic rate. It is important to note that T_b is fairly constant below point A, although progressively higher values of RR were reported for lower values of T_a.

Hooper and Richards (1991) concluded that "... *it appears that the concept of TCZ for a fowl may not be the usual one for homoeotherms; at the evidence of this experiment, it can hardly been applied. ...*"[37]. According to van Kampen (1981), the least thermoregulatory effort in chickens is represented by a point or *critical temperature*. Such value is part of a range of *environmental temperatures* [*SIC*] in which the relationship metabolic rate (M) *vs.* T_a could be represented by a quadratic equation or by two intersecting linear equations. The minimum of that parabola, or the intersection of the two lines, would

[37] *It is remarkable the fact that the point A was localised at T_a of 30 °C. Many factors may have been responsible for such a high value, e.g. the fact that the measurements have been performed in hens and not in broilers, the different in growth rate and metabolic rate between chickens in 1991 and today and the fact that the environment has been represented by using only T_a.*

represent that *critical temperature* at which the animal would be at least thermoregulatory effort. This report shows clear correspondence with the results that Hooper and Richards reported ten years later.

Nichelman and his group at the Humboldt University (Germany) took a step further in the analysis of this topic. Nichelmann (1983) and Tzschentke *et al.* (1996) experimentally confirmed the unsuitability of Mount's concepts to explain the thermoregulatory responses of chickens. Performing steady-state measurement of the responses of birds to different thermal treatments, this group could define three critical values of T_a at which crucial thermodynamic events occured. These are T_e, which is the value of T_a after which progressively increasing values of λE are reported; Biological Optimum Temperature (BOT), which is the value of T_a at which the lowest value of T_b is registered; and TNT, or Thermoneutral Temperature[38], T_a at which the metabolic heat production is at its minimum (Fig. 6.3). The physiological parameters demonstrate a quadratic behaviour, instead of showing constant values throughout a given range of T_a, related in some way to what van Kampen (1981) and Hooper and Richards (1991) have also reported. These findings constitute strong evidence against the utilisation of Mount's model to describe thermoregulation in poultry.

[38] *TNT was a more appropriate name than the ambiguous term "Critical Temperature" proposed by van Kampen (1981).*

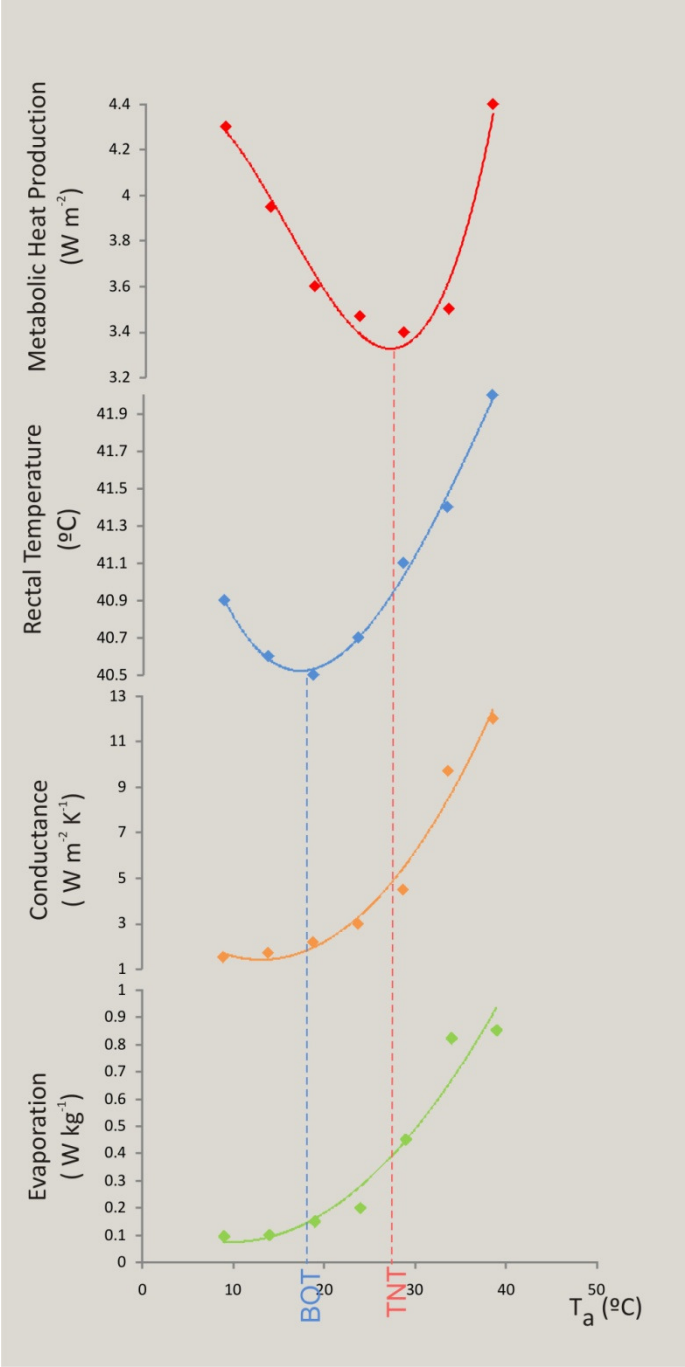

Figure 6.3: *Metabolic heat production, rectal temperature, conductance and evaporation for a bird at different ambient temperatures (T_a). BOT: Biological optimum temperature; TNT: Thermoneutral temperature (after Nichelmann, 1983).*

The pattern of variation of T_b and its relationship with λE is another reason not to opt for Mount's theory. The experimental results presented by van Kampen (1981) and Tzschentke *et al.* (1997) showed that increasingly higher values of both λE and T_b were reported under the same thermal conditions, a phenomenon that is explained by the dependence of respiratory evaporative thermoregulation on T_b. Such results radically contradict the classical theory of Mount (1979), which shows λE as a means of avoiding the elevation of T_b, a concept that may be possible in the case of sweating animals but which is clearly unlikely to be the case with broiler chickens.

Also, it should be considered that, whilst Mount (1979) proposed that λE becomes important once sensible heat loss has been significantly reduced, i.e. when the peripheral vasodilatation becomes insufficient, van Kampen (1974) found that the differential

redistribution of blood flow ($DRBF$) appeared together with λE. As a matter of fact, peripheral vasodilatation may or may not be used at the same thermal treatment at which thermoregulatory λE is active, since they are triggered by different stimuli, i.e. the first on the value of the T_{ef} affecting the animal, and the second on the body and hypothalamic temperatures (Richards, 1974).

Regarding the effect of variation in air velocity (u), van Kampen (1981) reported that if T_a was above the critical temperature (TNT for Tzchentke *et al.*, 1996) but below the value of T_b, the elevation of u would reduce heat stress. However, below that critical temperature, a consequent elevation of H would increase heat production and feed consumption. Therefore, it can be deduced that for thermal treatments below the critical point (or TNT), additional vasoconstriction is impossible, for which it is natural to think that vasodilatation is normally produced when T_a is higher than the value of TNT. This is another fact supporting the findings of van Kampen (1974).

Some aspects of the concept of least thermoregulatory effort proposed by the Humboldt school are in disagreement with previous experimental evidence. In the first place, there is the dissociation between T_e and BOT, which proves to be contradictory in the light of the conclusions expressed by Richards (1970, 1974), who elegantly demonstrated that higher values of RR were necessarily related to high values of body core temperature and hypothalamic temperatures. Since the regulation of latent heat dissipation in chickens depends exclusively on the variation in the respiratory rate, the existence of a T_e different from and lower than BOT is incongruous. This is supported by later experiments reported by Zhou and Yamamoto (1997), in which chickens show a direct relationship between T_b and RR. A closer look at the data plots reported by the German group (Nichelmannn 1983; Nichelmann, Baranyiovà and Tzshentke, 1986; Nichelmann, Baranyiovà, Goll and Tzshentke, 1986; Nichelmann and Tzshentke, 1995; Tzschentke *et al.*, 1997 amongst others) reveals that the controversial dissociation may be the result of the utilisation of an inappropriate regression curve for the values of evaporative heat loss

for temperature below BOT. They seem to follow a linear tendency with a slope close to 0 instead of being part of a parabolic curve. If this were the case, then T_e and BOT would be very close to becoming a more meaningful, unique, value.

A second point to be clarified is the variation in T_b for values of T_a below BOT. The achievement of progressively higher values of body core temperature with successively lower values of T_a seems to be a contradiction. Tzschentke *et al*. (1997) clarify this phenomenon by saying that in response to the lower temperature reached by the peripheral tissues of a chicken exposed to lower thermal treatments, the bird needs to increase the metabolic rate at its core, hence the elevation of colonic temperature.

Thirdly, the theory of least thermoregulatory effort sustained by the Humboldt school is, at first glance, in contrast to the discoveries made by Hooper and Richards (1991). Despite the fact that the values of least thermoregulatory effort reported by Hooper and Richards (1991) are too high for modern broiler chickens, it is notable that the changes in slope for three variables are registered at point A, whilst for Nichelmann's group the minimal values are reached at three different points. These differences may be reconciled if we consider the way in which the data have been reported: the thermal interval between observations in the work by Hooper and Richards (1991) is quite wide, i.e. approximately 6 °C, and if one considers that Tzschentke *et al*. (1997) showed that the differences between T_e, BOT and TNT are separated by approximately 2 °C, the unique value A (Fig. 6.2) could be a mere artefact resulting from the way in which Hooper and Richards performed their measurements.

Further experimental results indicate that the theory of Mount (1979) might not be suitable for chickens. Richards (1977) found that M increased at temperatures below and above 25 °C for laying hens. These values of T_a coincide with those later reported by Tzscentke *et al*. (1996) for TNT, and are close to the thermoneutral value, somewhere between 22 and 24 °C, reported by Hooper and Richards (1991). Although there was

not an obvious zone of thermoneutrality but a unique point of least thermoregulatory effort, Richards (1977), perhaps in an attempt to adjust his findings to his contemporary theories, proposed that the *zone of least thermoregulatory effort* lies between 20 and 25°C. It is interesting to note that the same author reported an elevation of the λE from the respiratory tract at the lower limit of that thermal range (20°C) and not at the upper limit, as would be expected if it were possible to explain the physiological behaviour of a broiler using Mount's theory (1979) (similar to the responses later reported by Tzschentke *et al*., 1996). The utilisation of respiratory latent heat dissipation essentially transforms the thermal range proposed by Richards (1977) into a *non-least* thermoregulatory effort range.

6.3. The unique value of least thermoregulatory effort in simulation models

The concept of a single point of least thermoregulatory effort has also been considered in simulation models. Kettlewell and Moran (1992) included in their model of heat balance, for a single crated bird, the concept of a single point at which the metabolic rate is at its minimal expression (TNT in this thesis)[39]. For values of T_a above TNT those authors expected progressively higher values of T_b and M, as well as an increasingly higher utilisation of respiratory evaporative thermoregulation. The values of T_b reached by the bird when exposed to values of T_a progressively higher than TNT have been related to sequentially greater RR. This is linked to the need for more evaporation from the respiratory tract, which helps the bird to keep T_b between normal physiological limits.

The definition of TNT proposed by Kettlewell and Moran (1992) can be verified by performing a second reading of the experimental results produced by Meltzer (1983) with the objective of determining resting metabolic rate (RMR) and thermoneutral zone of broilers.

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[39] *Kettlewell and Moran (1992) specified the environmental conditions in units of T_a, but the author of this document considers it possible to plot the same values vs. T_{ef}.*

In a first step, the minimum value of the RMR for broilers of both sexes was determined at different ages. Next, the upper and lower critical temperatures (UCT and LCT respectively) were estimated by identifying the values of T_a at which the RMR increased by 0.05 with respect to the minimum possible value. For the determination of the UCT, an elevation of T_b of 0.3 °C and a rise of the RR above 70 min^{-1} (arbitrary value for onset of panting) were also considered. In contrast to the results presented for laying hens (Meltzer *et al.*, 1982), Meltzer (1983) showed that the onset of panting, an elevation of T_b in 0.3 °C and the elevation of RMR by 0.05 coincide at the same value of T_a. The limits of the thermal comfort zone obtained for broilers after the third week of age are shown in Table 6.1. The actual values of LCT and UCT are much higher than those expected for modern broiler chickens, but this may be due to the fact that these experimental measurements were performed more than 15 years ago and without considering other environmental variables.

Table 6.1. *Body weights (W) of males and females, lower critical temperature (LCT), and upper critical temperature (UCT) of broilers at different ages (Meltzer, 1983).*

Age	W		LCT	UCT
	male	female	(°C)	(°C)
21	290	250	27.5	31.5
28	490	430	26.0	30.0
35	730	650	24.5	29.0
42	1000	890	23.5	28.5

One interesting point is that, since the UCT was determined by considering the T_a at which the T_b increased 0.3 °C, with an elevation of the RR above the arbitrary panting limit of 70 min^{-1} and an elevation of the RMR of 0.05, the TNT as defined by Kettlewell and Moran (1992) can easily be determined following the inverse procedure.

The above statements (empirical and theoretical) provide sufficient evidence to consider that least thermoregulatory effort in broilers should be represented by a single point in a thermal scale (TNT), instead of expressing it as TCZ. Nonetheless, there are some discrepancies among the authors adhering to the TNT theory, especially with regard to the moment at which the differential blood redistribution ($DRBF$) is produced.

Kettlewell and Moran (1992) stated that vasodilation is maximal at TNT and the animal is unable to control H by $DRBF$ for any T_a higher than TNT, assuming that the animal reduces H by increasing vasoconstriction for values of T_a successively lower than TNT. This concept is contradictory and indirectly assumes that the broiler may be inefficient in controlling its heat balance. For a more complete understanding of the following analysis, an adaptation of the diagram reported by Kettlewell and Moran (1992) is presented in Figure 6.4. This diagram shows the main concepts concerning the effect of the micro-environmental conditions on heat balance of a crated broiler as understood by those authors.

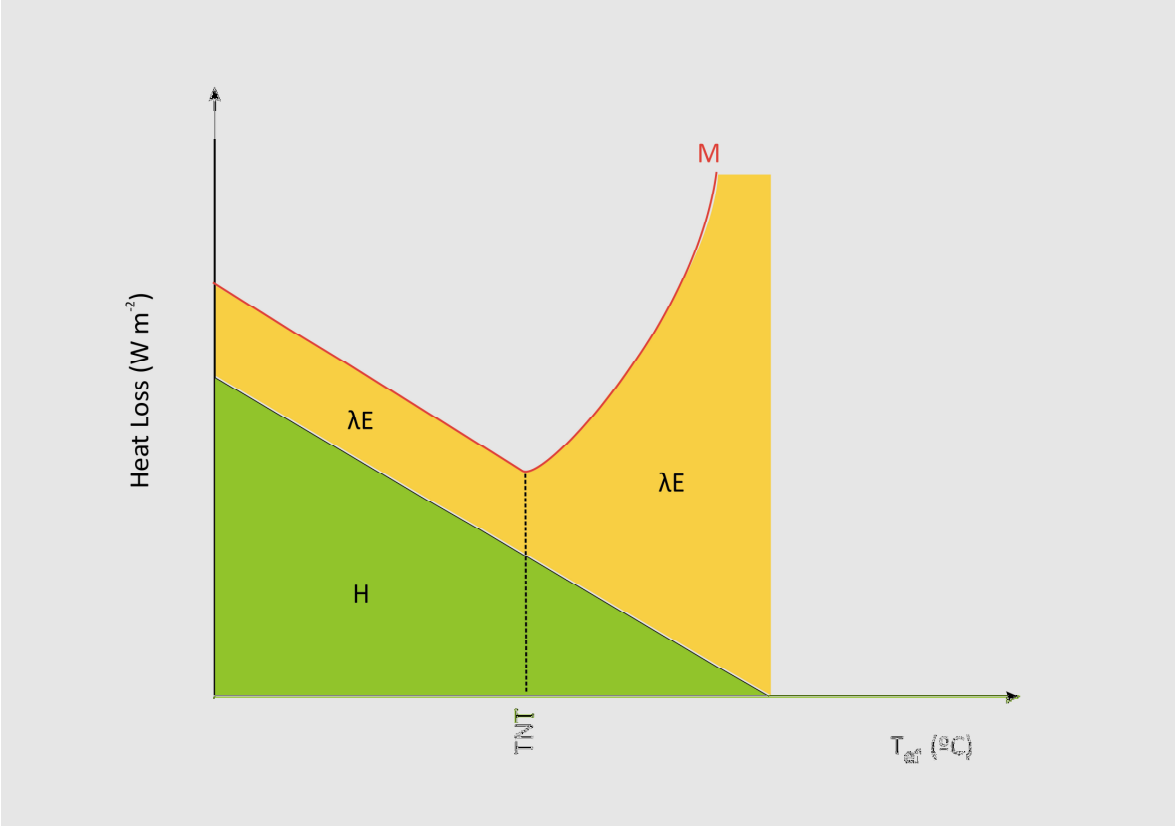


Figure 6.4. *Heat loss and heat production curves for a broiler chicken, adapted from Kettlewell and Moran (1992). The values on the axes are not shown, since the concern here is with the type of response rather than with its magnitude. In the original, the horizontal axis was labelled Temperature (°C). TNT(Thermoneutral Temperature) is an addition by the author of this thesis.*

Considering that for T_{ef} lower than TNT the micro-environmental thermal demand is higher than above that value, the proposed progressive vasoconstriction when T_{ef} falls below TNT would imply higher heat loss and an unnecessary waste of energy compared with a situation of maximal skin resistance. Therefore, the higher skin resistance would be the best option for preserving the heat in the body under highly heat-demanding micro-environmental conditions. Additionally, a more detailed observation of the diagram presented in Figure 6.2 shows that the relationship between T_{ef} and H with a progressive vasoconstriction would be represented either by a horizontal linear response

or by a non-linear one with negative slope, instead of being linear with negative slope. The linearity of the relationship M- T_{ef} as it is presented in Figure 6.4 implies a direct proportionality between environmental temperature, H and M, which can be only verified if the skin resistance, which is the variable regulating H from the animal surface, were kept constant, more logically at maximal vasoconstriction.

Confirming this, Turnpenny *et al.* (2000 b) considered, when applying their model for thermal balance of livestock to chickens, that the tissue resistance of the appendages should be at its maximum unless the total rate of heat loss was less than the metabolic rate. This assumes that vasodilatation will occur at any micro-environmental condition determining a T_e above TNT, which is a more sensible approach. This is a matter of common sense and can be deduced simply by observing the animals. Under high thermal demand broilers would present cold legs and appendages, whilst for conditions above TNT, vasodilatation may be observed especially in combs and wattles.

6.4. Conclusions

This section has presented an exhaustive analysis of the dilemma encountered when deciding the best way to represent the conditions under which a bird is under least thermoregulatory effort.

According to experimental and theoretical evidence, the classical theory by Mount (1979) fails in many respects as a means of representing the thermoregulatory processes applied by a chicken exposed to different environments.

The theory endorsed by the Humboldt School has proven to be more robust during this analysis. Although there are some discrepancies when this theory is applied to the experimental results, these differences may be attributable to alternative ways in which different authors have collected and interpreted the data.

In consequence, the model reported in this thesis has been built under the premise that the microenvironmental conditions at which a broiler chicken is at least thermoregulatory effort is a unique point that coincides with the *TNT* value proposed by the Humboldt School.

Although the Humboldt's theory seems to be more realistic, there is still an aspect to be addressed. The thermoregulatory responses of a broiler are of a dynamic nature. The values of its physiological variables (e.g. body temperature, respiratory rate) may depend not only on the thermal characteristics of the environment and the thermal properties of the bird, but also on the length of time the bird has been exposed to such conditions. If this is the case, it is worth evaluating to what extent the Humboldt theory is an appropriate representation of these suggestions.

Time, the forgotten dimension

A dynamic approach to the environmental effect on broilers[40]

7

(...)Oh best of sages, fifteen blinks of the eye make a Káshṭhá; thirty Káshṭhás, one Kalá; and thirty Kalás, one Muhúrtta. Thirty Muhúrtta constitute a day and night of mortals: thirty such days make a month, divided into two half-months: six months form an Ayana (the period of the sun's progress north or south of the ecliptic): and two Ayanas compose a year. (...)

Vishnu Purana, chapter III, vs. 23-24

7.1. Introduction

As discussed in Chapter 5, broiler chickens are equipped with a battery of thermoregulatory mechanisms that they use to modify their thermal properties. Their ultimate objective is to control the amount of heat dissipated to the environment, so that the value of T_b and the levels of entropy are maintained within physiological limits.

According to the theory presented by Recordati and Bellini (2004) open living systems have the ability of responding to a given perturbation through homeostatic mechanisms, which take the system to a new thermodynamic state. As discussed in Chapter 5, for the

[40] *This chapter includes excerpts of the papers by Blanco and Gous (2006a, b; 2010a, b).*

homeostatic mechanism to be successful, the new state should be compatible with life and reversible, i.e. the system should be able to return to the initial state once the perturbation has disappeared. Furthermore, the system should be able to respond to an additional perturbation, even if it has not returned yet to the initial unperturbed state (Elgenberg, 1966)

There is enough evidence in the literature allowing us to hypothesise that thermoregulatory mechanisms follow this pattern of behaviour. Regrettably, time is systematically overlooked when studying the full effect of the environment. As a matter of fact, a great proportion of the published works try to show (naively, I dare to say) the effect of the environment by reporting single values of physiological variables, measured after a set length of time or when the variable reaches "a plateau".

The chapter firstly analyses the application of this dynamic theory to the study of thermoregulatory responses and thermoregulatory success. Then, the mechanisms involved in the attainment of a new thermodynamic/physiological state are explored.

7.2. The dynamics of the thermoregulatory mechanisms

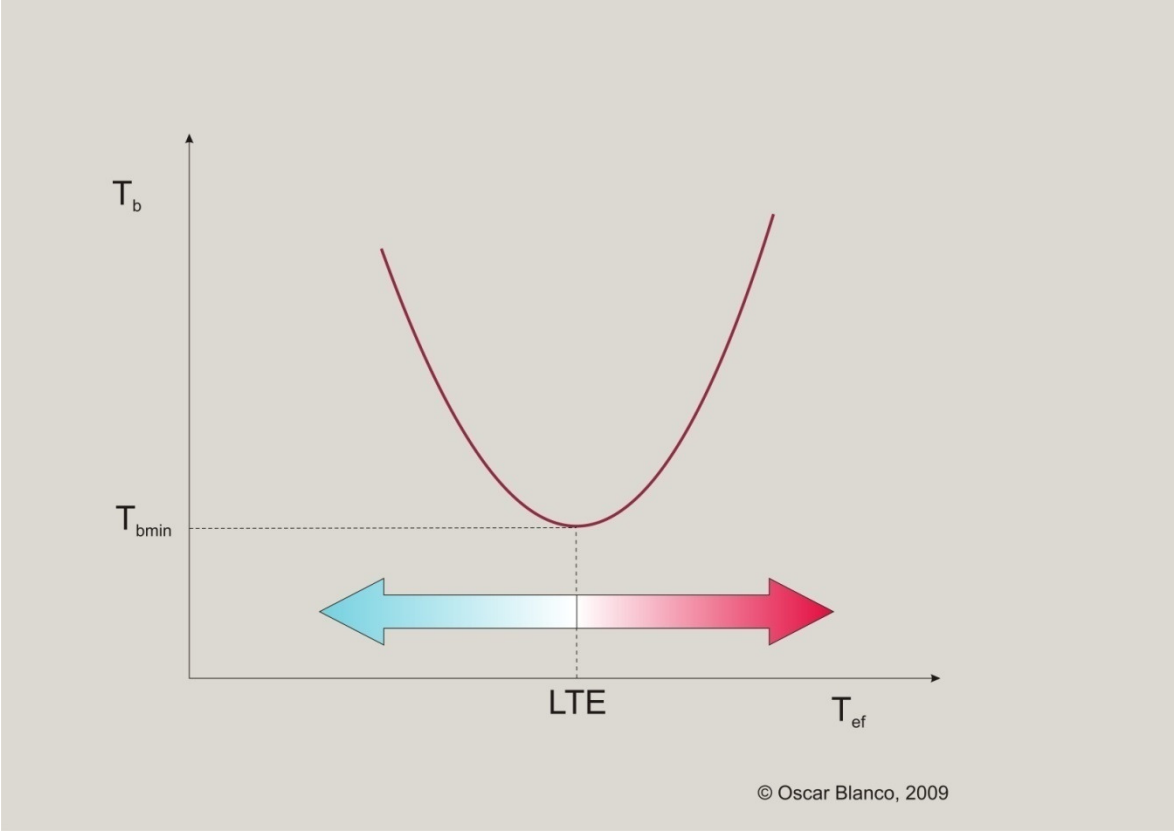
Based on real scenarios, common sense informs us of the dynamic nature of the thermoregulatory mechanisms and their direct dependence on time. For example, the impact of an effective temperature as low as 12 ºC on the daily food intake of broilers would be different if the bird has been exposed to those conditions for only 30 minutes than if exposed for 4 hours. Following the same line of thought, the exposure to a combination of (e.g.) 32 ºC T_{ef} and a RH of 75 % would produce increasingly high levels of mortality (due to alkalosis and hyperthermia) as time passes.

This dynamism does not correlate to the classical, static way of expressing the variations of physiological parameters as a response to a thermal perturbation. Addressing this problem, a dynamic theory of thermoregulation in chickens is discussed in this section. It is based on the concepts of Recordati and Bellini (2004) as well as experimental

evidence collected from the literature.

7.2.1. Body temperature and time of exposure: facts and speculations

As discussed in Chapter 6, the environmental conditions leading birds to least thermoregulatory (LTE) effort are those rendering a unique value of T_{ef}[41] to which the chicken responds with a minimum possible value of T_b. For values above and below that point, the bird should use thermoregulatory mechanisms in order to maintain its values of T_b and entropy in a physiologically safe range. Figure 7.1 shows once again the concept of T_b at LTE, introduced by the Humboldt School and already illustrated in Figure 6.3.



[41] *The value of T_{ef} at LTE can be achieved with different values of T_a, u and R_{ni}(see chapter 3 of this thesis).*

Figure 7.1. *Body temperature (T_b) at different values of effective temperature (T_{ef}). The divergent arrows show the increasing need for use of thermoregulatory mechanisms under conditions below (blue) and above (red) least thermoregulatory effort (LTE).*

In a bird at LTE the partition of the heat loss into sensible (H) and latent heat loss (λE) depends directly on factors such as the vapour pressure of the air (e_a), the respiratory rate and the resistance of the feather coat and skin to heat dissipation by evaporation (Chapter 5). Bearing in mind that birds tend to prioritise sensible heat loss over evaporative heat loss in order to conserve water, the magnitude of λE at LTE is expected to be as low as possible. Campbell and Norman (1998) estimate it to be close to 20 % of the total heat balance.

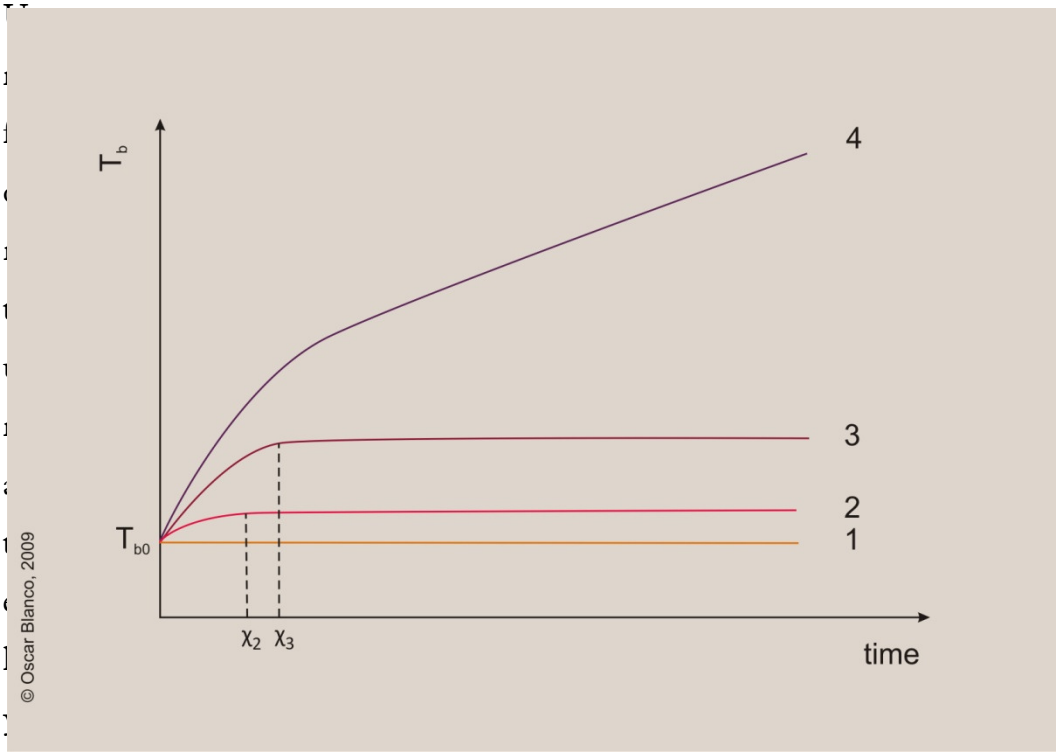
In environments with a T_{ef} higher than LTE, the thermal gradient between the surface of the animal and the micro-environment, as well as the value of H are reduced. The subsequent heat excess (HE) should be dissipated in order to maintain the values of T_b in the physiological range. Depending on the environmental conditions as well as on its thermal and thermoregulatory properties, a bird may be able to dissipate certain proportion of that HE. The remainder is stored (S) in the body, producing an increase in T_b and in the levels of internal entropy. The rise in T_b as a consequence of exposure of animals to "hot" environments has been described in works as early as Hutchinson (1954a).

The elevation of T_b has been related to an increase in respiratory rate (Equation 5.1. of this thesis) and a subsequent increase of λE from the respiratory tract (λE_r) in order to dissipate the extra heat load.

Although these interactions between physiological variables and body systems during a thermoregulatory response have been described in depth in many works, few have done it in a dynamic way. Experimental results reported by Richards (1970, 1974) and Zhou and Yamamoto (1997) for laying hens show that

the bird may reach a constant value of T_b after a certain period of time. For a given bird, the magnitude of that plateau would depend on the value of T_{ef}. The shape of the response is similar to that described by Recordati and Bellini (2004) for a given thermodynamic variable of an open thermodynamic system exposed to a single, long-lasting environmental perturbation. Perturbations of higher magnitude would result in higher plateau values of T_b, a pattern also observed in the responses reported by Zhou and Yamamoto (1997).

Misson (1982) reported similar patterns in one-week-old broilers exposed to temperatures above and below thermoneutrality. These birds reached a constant body temperature in approximately 30 min, except for the groups of chickens exposed to 10 °C and 39 °C. Chicks held at the low temperature could not maintain their metabolic rate and it dropped constantly. Those at the high temperature took longer to normalise heat production, reaching a plateau of approx. 380 J $kg^{-0.75}$ min^{-1}, similar to that in chickens exposed to 33 and 37 °C.



no data about the dynamics of the responses prior to the birds reaching the plateau have been published, but it can be inferred that due to the low surface/mass ratio of the chickens at this age, chickens may have achieved the new thermal steady state with the environment faster than adult chickens.

Figure 7.2. *Dynamic hypothesis of the behaviour of T_b vs. time in the same chicken suddenly exposed to one of four different T_{ef} treatments: 1, 2, 3 and 4, where $T_{ef_1} < T_{ef_2} < T_{ef_3} < T_{ef_4}$. T_b: body temperature; T_{b_0}: body temperature before exposure (at time = 0); χ_2: time at which T_b reaches a plateau when the chicken is exposed to treatment 2; χ_3: time at which T_b reaches a plateau when the chicken is exposed to treatment 3.*

This inference can be supported by Rodríguez-Gironés (2002), who modelled the variations of body temperatures in small desert rodents. The foraging time of such animals is restricted to a few seconds, since longer times of exposure to the desert sun will quickly increase the T_b of these animals, endangering their lives

Based on these experimental observations, Figure 7.2 represents the responses in T_b to four hypothetical treatments: 1, 2, 3 and 4, in increasing order of magnitude. The birds are suddenly exposed after being kept in environmental conditions compatible with LTE.

Line 1 represents the pattern of behaviour expected when the environmental conditions at which the bird is exposed do not differ from those leading to LTE.

The pattern of behaviour described for treatment 4 shows the thermoregulatory mechanisms overwhelmed by the environmental burden imposed on the chicken. The bird exposed to this treatment has found it impossible to control T_b, which continues to increase indefinitely[42]. The physiological parameters of the bird under these conditions (including enthalpy level) are expected to reach values incompatible with life.

The responses in T_b for treatments 2 and 3 achieve a plateau. The plateau for treatment 2 is reached earlier (χ_2) and has a lower value than the plateau for treatment 3. According to the ideas of Recordati and Bellini (2004) these two responses, in first instance, may be considered successful. This success can only be confirmed by determining whether the value of T_b at the plateau is situated between physiological limits, and whether the length of time the animal has been maintained under those conditions contributes negatively to the total homeostasis of the bird.

7.2.1.1. Successful thermoregulatory response: Is T_b in the physiological range?

[42] *It is clear that the indefinite increase of T_b is physiologically impossible, but it is not possible to truly represent in this type of diagram the moment at which the bird will die due to the imbalances secondary to hyperthermia.*

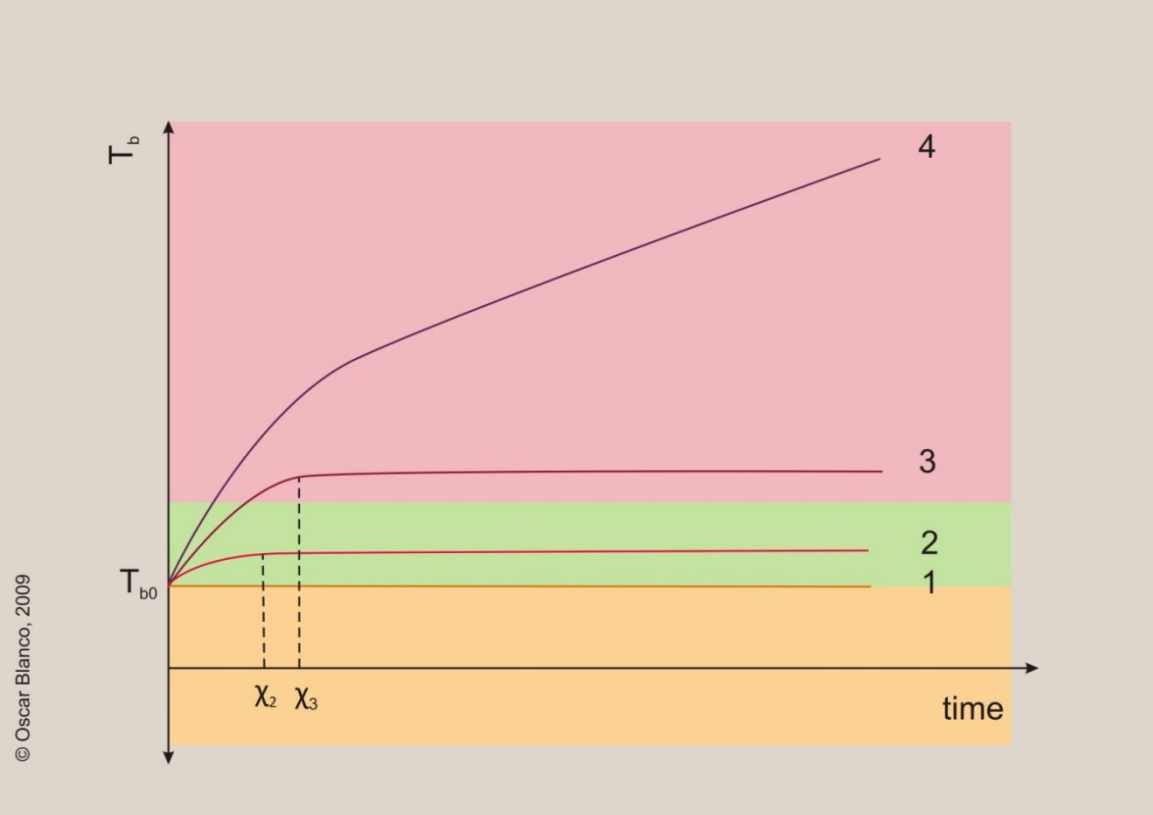


Figure 7.3. *Dynamic hypothesis on the behaviour of T_b vs. time in the same chicken suddenly exposed to one of four different T_{ef} treatments: 1, 2, 3 and 4, where $T_{ef_1} < T_{ef_2} < T_{ef_3} < T_{ef_4}$ showing different areas of physiological adequacy. Green area: physiological range of T_b; Orange area: T_b incompatible with life for being below physiological range; Pink area: T_b incompatible with life for being above physiological range; T_b: body temperature; T_{b_0}: body temperature before exposure (at time = 0); χ_2: time at which T_b reaches a plateau when the chicken is exposed to treatment 2; χ_3: time at which T_b reaches a plateau when the chicken is exposed to treatment 3.*

The main sign of successful thermoregulation is the stabilisation of T_b at a value contained in the physiological range on T_b. A modified version of Figure 7.2 showing the unsafe, non-physiological levels of T_b is presented in Figure 7.3.

The green area in Figure 7.3 shows the range of T_b considered physiologically normal. It is delimited by the lowest and highest possible physiological values of T_b ($T_{b_{min}}$ and $T_{b_{max}}$, respectively). Values of T_b above $T_{b_{max}}$constitute hyperthermia, whilst hypothermic animals present values of T_b lower than $T_{b_{min}}$.

The abovementioned linear, constant pattern of behaviour of T_b for a bird exposed to treatment 1 (LTE) coincides with $T_{b_{min}}$ throughout the time of exposure (Δt_E).

According to Figure 7.3, the thermoregulatory mechanisms seem to be successful throughout the whole period of exposure only for treatment 2 (as said above, treatment 1 does not use any thermoregulatory mechanism). Although T_b of chickens exposed to treatment 3 achieved a plateau, this response cannot be seeing as successful since the value of the plateau is above $T_{b_{max}}$.

7.2.1.2. Physiological time as a possible measure of thermoregulatory success

If Figure 7.3 is further analysed, one may realise that chickens exposed to treatments 3 and 4 have T_b values in the physiological range for a certain period of time. The author of this thesis has defined this period as *Physiological Time* or Δt_{ph} (Fig. 7.4). As long as the time of exposure to a given environment is shorter than Δt_{ph}, then the variation in T_b is safe.

The magnitude of Δt_{ph} depends directly on the rate of change of T_b per unit of time, which is the slope of the increasing phase of the T_b curve (σ). The value of Δt_{ph} may be graphically estimated by determining the intersection

of a tangent to the Tb curve, of slope, and $T_{b_{max}}$ (Fig. 7.4). Considering that some T_b curves are expected to begin tapering before reaching $T_{b_{max}}$, the maximum value of σ is guaranteed by passing the tangent to the T_b curve though the value of T_b at the onset of the perturbation (t_0).

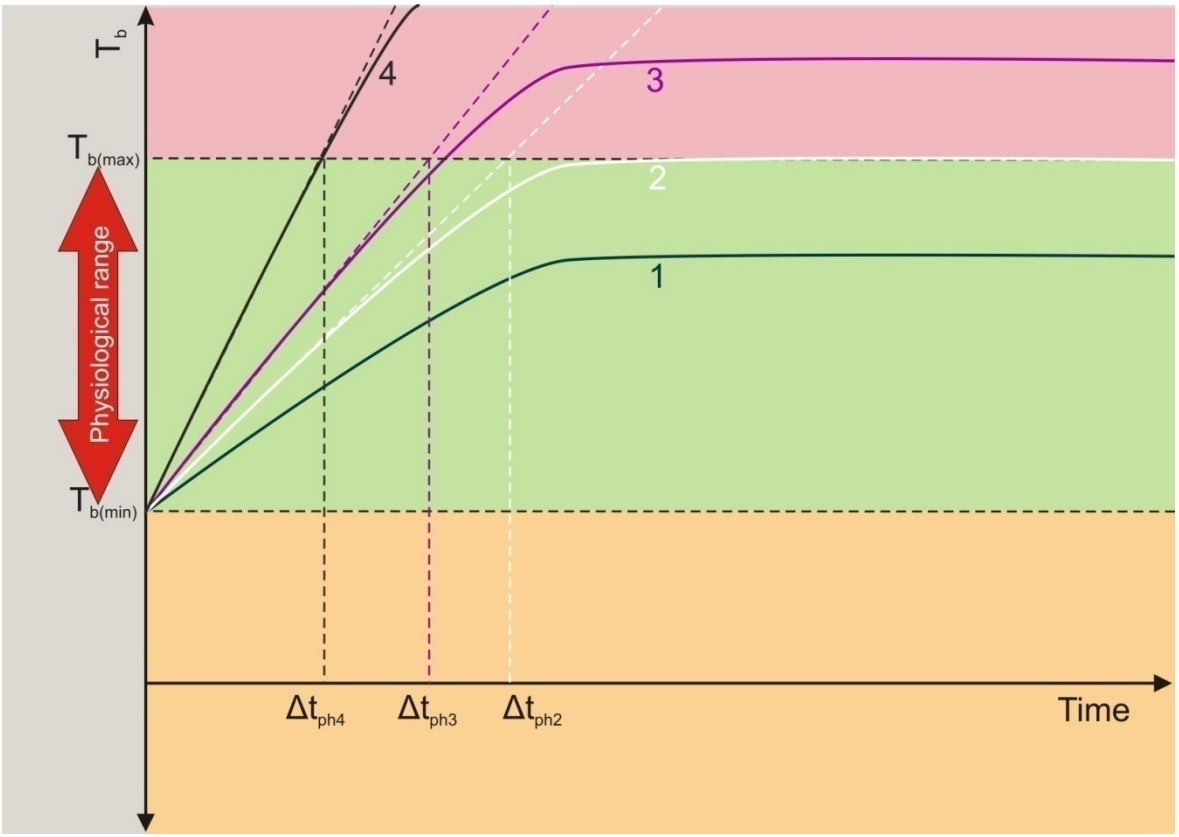


Figure 7.4. *Graphic determination of the physiological time (Δt_{ph}) for the dynamic response of body temperature (T_b) to four thermal treatments: 1, 2, 3, and 4, being $T_{ef_1} < T_{ef_2} < T_{ef_3} < T_{ef_4}$. Green area: physiological range of T_b; Orange area: T_b incompatible with life for being below physiological range; Pink area: T_b incompatible with life for being above physiological range; $T_{b_{min}}$: lower limit of the physiological range of T_b; $T_{b_{max}}$: upper limit of the physiological range of T_b; Δt_{ph_2}: Physiological time for response to thermal treatment 2; Δt_{ph_3}: Physiological time for response to thermal treatment 3; Δt_{ph_4}: Physiological response for thermal treatment 4.*

Mathematically, the value of Δt_{ph} can be estimated by the simple Equation

7.1.

$$\frac{T_{b_{max}} - T_{b_0}}{\sigma} = \Delta t_{ph} \qquad (7.1)$$

where T_{b_0} is the body temperature at the onset of the thermal treatment. In cases when the bird is under LTE conditions before exposure, T_{b_0} becomes $T_{b_{min}}$.

By definition, $\Delta t_{ph} = t_E$ for all the patterns of behaviour with plateaux contained within the physiological range. There is then a key value of σ, which is that for the increasing phase of the T_b response reaching a plateau infinitesimally above $T_{b_{max}}$, and below which $\Delta t_{ph} = t_E$ becomes true. That value is called σ^*.

To determine whether a bird may or not be able to cope with given environmental conditions, the parameter ς or σ ratio can be utilised (Equation 7.2).

$$\varsigma = \frac{\sigma}{\sigma^*} \qquad 7.1$$

where σ is the slope of the linear phase of the T_b response to a given environment. This value can be easily found using two T_b measurements separated by a short period of time, making sure that the first is T_{b_0}.

If the value of ς for a given thermal treatment is higher than 1, T_b will reach non-physiological values. The higher the value of ς, the faster the response becomes non-physiological. Conversely, if the slope is between 0 and 1, then the response is physiological and $\Delta t_{ph} = t_E$.

The parameter ς can be very useful for both experimental determinations and simulation modelling. In the first case, two measurements separated by a few seconds can reduce the need of financial and time resources, whilst shorter times of simulation and smaller simulation outputs will be some of the advantages of the utilisation of ς in simulation modelling. In this cases, if $T_{b_0} = T_{b_{min}}$ is assumed, then only one point needs to be modelled.

As mentioned above, time of exposure would also determine whether the new thermodynamic state reached by the bird exposed to a given thermal treatment has been successful or not. In other words, the utilisation of thermoregulatory mechanisms for a certain period of time may produce physiological imbalances that may compromise the well being of the bird, even if it is normothermic.

Before analysing this situation, it is necessary to further discuss the mechanisms involved in the dynamics of thermoregulation in a bird.

7.3. Mechanisms involved in the attainment of a new physiological steady state

It has already been shown that a chicken exposed to an environmental perturbation above LTE responds with an increase in T_b. In cases where the thermoregulatory capacity of the bird in not "overwhelmed" by the environmental conditions, T_b may reach a plateau at a value contained within physiologically safe boundaries. This section presents a dynamic hypothesis of the mechanisms determining the attainment of the T_b plateau and formulates an explanation for those cases in which the thermoregulatory strategies of the bird are "overwhelmed".

7.3.1. The interrelation between T_b, RR, H and λE_r

The elevation of T_b secondary to the exposure to environments above LTE is the result of the storage of heat in the core tissues of the bird (S) above normal values. In order to control that increase in body temperature the RR, which is directly linked to T_b, increases. Consequently the bird is able to dissipate higher values of total heat by increasing the value of evaporative heat loss from the respiratory tract (λE_r).

The thermoregulatory response of the bird can then be thought of as the interplay between two opposite "forces": on the one hand, the reduction of sensible heat loss that results in heat excess (HE) and heat storage (S) in the body core of the bird, while on the other, the progressive elevation of the latent heat loss, which tends to reduce HE and S.

In cases in which λE_r is able to equalise HE, T_b is stabilised and reaches a plateau. A new thermodynamic/physiologic state is reached, characterised by higher T_b, higher entropy and higher RR (Fig. 7.5).

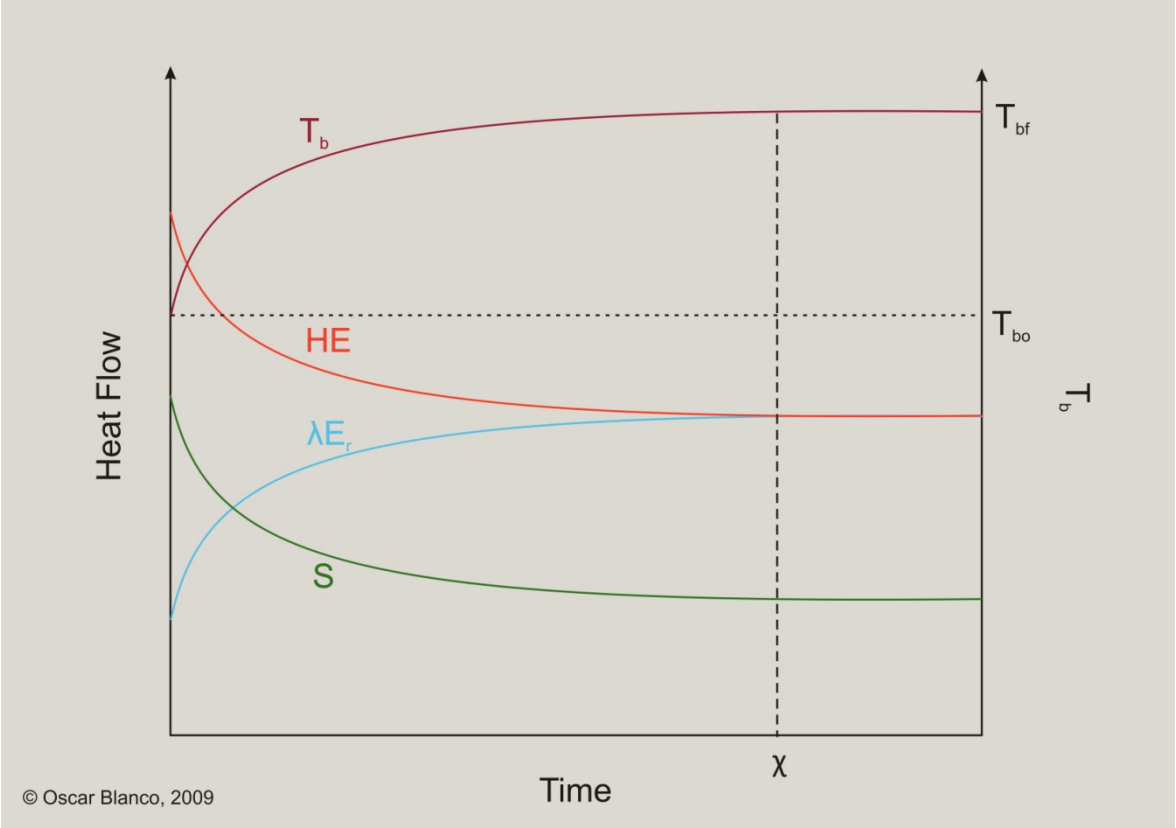


Figure 7.5. *Dynamic hypothesis describing the pattern of behaviour followed by the body temperature (T_b), heat excess (HE), ventilatory latent heat dissipation (λE_r) and heat storage (S) in a bird suddenly exposed to environmental conditions above least thermoregulatory effort. T_{b_0}: body temperature before exposure to thermal perturbation; T_{b_f}: final body temperature achieved at the end of the observation; χ: time at which the new steady state is achieved.*

The achievement of this new steady state has advantages and disadvantages. In the first instance, a higher physiological value of T_b allows the bird to maintain a thermal gradient with its surroundings high enough to ensure the continuation of H. This is extremely important for the preservation of body water, which would be impossible if the body temperature were not stabilised.

At the same time, the rise in T_b is related to an increase skin temperature (T_s) (see

Chapter 5). The subsequent increase in water vapour pressure in the skin surface (e_s) favours cutaneous evaporative heat loss (λE_s). Then λE_s helps to reduce the levels of S in the body, and to decrease the value of T_s directly (through evaporative cooling of the skin) and indirectly (by reducing T_b). In the end, seems that λE_s "controls" its own value, helping at the same time to economise water.

It is clear then that the functioning of the thermoregulatory mechanisms is based on feedback interactions. The achievement of the new steady state is, in a way, a "controlled damage" strategy, in which the chicken "puts at risk" its homeostatic condition in order to remain in homeostasis.

Although it may sound as if thermoregulation is a gambling game, there is not much left to chance. Each step is closely controlled. According to Richards (1970, 1974, 1976) and Wolfenson (1983) (among others), the temperature of both the spinal cord and the hypothalamus has a role in the control of the blood redistribution and the respiratory rate in birds. The preoptic nuclei are responsible for the control of the thermoregulatory mechanisms and the ANS (mainly its sympathetic component) is in charge of the execution (vasodilation, increase or RR, etc.)[43].

Thermoregulation, in fact, can be compared to tuning the radio of our car while driving. As one drives into uninhabited areas, the reception becomes fainter and the radio should be retuned by moving the tuning dial again and again. But that is possible only within a certain radius of the city; beyond that boundary the tuning system cannot do anything for us, and we are inexorably condemned to eternal boredom. In thermoregulation, as in tuning a radio station, the value of physiological variables can be pushed to certain limits, beyond which the chicken

[43] For more information on the neurologic regulation of the thermal responses, the reader is referred to Hillman *et al*. (1977) and McGregor (1979).

should deal with undesired consequences.

7.3.2. Undesired side effects of thermoregulation and homeostatic collapse

The utilisation of thermoregulatory mechanisms may have two negative outcomes. Firstly, the thermoregulatory mechanisms may simply fail. This happens when the environmental perturbation is of such a magnitude that an increase in S is impossible to control and T_b cannot be stabilised between physiological boundaries.

A limited flexibility of the physiological parameters may contribute to thermoregulatory failure. For example, the value of RR cannot be increased indefinitely. As discussed in Chapter 5, the maximum value of RR (RR_{max}) depends directly on the body mass of the bird (Calder and King, 1974; Barnas and Rautengerg, 1987).

Extreme environmental conditions can also lead to unsuccessful thermoregulation. If the value of T_{ef} is above T_s, then the body core will gain heat from the environment. Under such conditions the bird would rely only on λE to control T_b. If high T_{ef} is combined with high values of vapour pressure in the air (e_a), then the thermoregulatory mechanisms are bound to collapse.

The final cause for a thermoregulation to fail may be a prolonged time of exposure. If the bird undergoes a thermal perturbation for a period longer than the physiological time, then the system may achieve levels of entropy threatening its *integrality*.

The second negative outcome of the onset of a thermoregulatory strategy is the occurrence of undesired side effects of initially successful thermoregulation. As

explained above, many variables are engaged in reaching a new physiological/thermodynamic steady state. If the environmental perturbation is of considerable magnitude and/or the exposure to an adverse environment is sustained for a prolonged period of time, the different systems involved in the thermoregulatory response may begin to fail.

One of the most common and well known side effects of thermoregulation is the development of respiratory alkalosis. The kidneys are the main executors in the replenishment of the depleted pool of blood Hydrogen protons of a panting bird. Depending on the intensity of panting, this buffering capacity can be sustained for a certain amount of time. Once this system has collapsed the pH of the blood would rise inexorably.

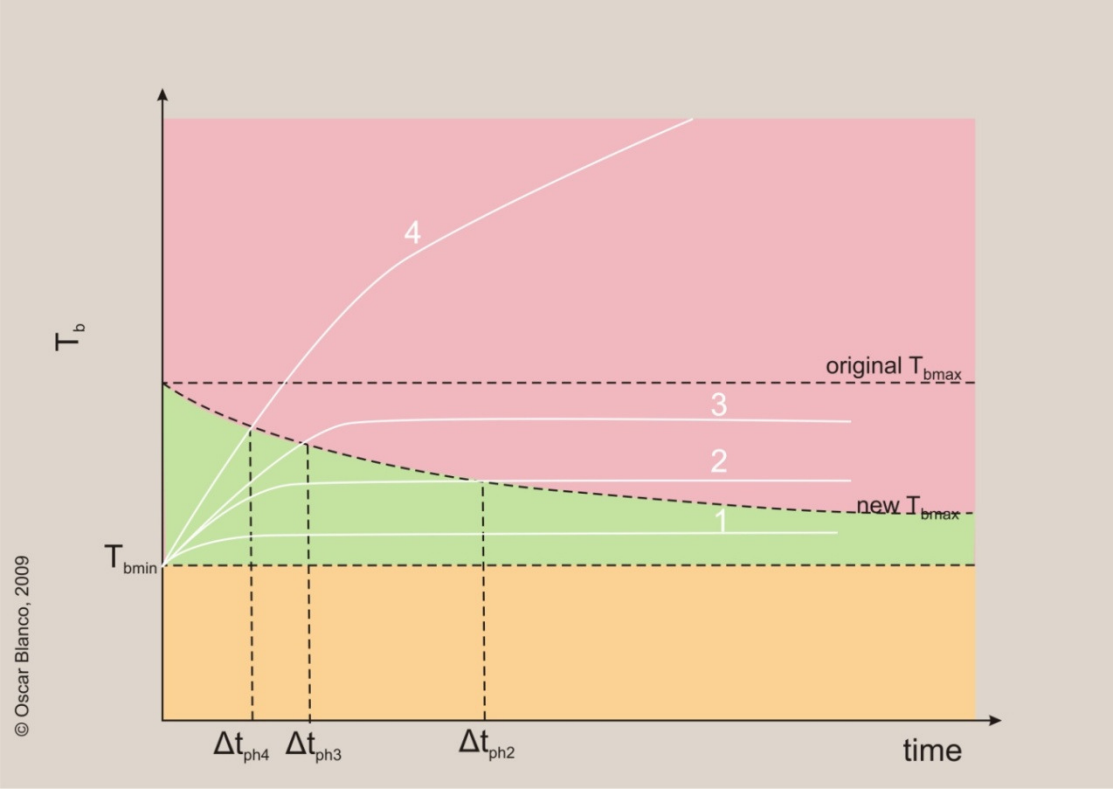


Figure 7.6. *Dynamic hypothesis on the behaviour of body temperature (T_b) vs. time in the same chicken suddenly exposed to one of four different T_{ef} treatments: 1, 2, 3 and 4, where $T_{ef_1} < T_{ef_2} < T_{ef_3} < T_{ef_4}$. The original maximum value of T_b ($T_{b_{max}}$) has been replaced*

by a dynamic new $T_{b_{max}}$, based on the hypothesis that the thermal tolerance of the bird will be reduced as the time of exposure increases. Green area: physiological range of T_b; Orange area: T_b incompatible with life for being below physiological range; Pink area: T_b incompatible with life for being above physiological range; $T_{b_{min}}$: minimum physiological value of T_b; Δt_{ph_2}: Physiological time for response to thermal treatment 2; Δt_{ph_3}: Physiological time for response to thermal treatment 3; Δt_{ph_4}: Physiological response for thermal treatment 4.

It is clear then that intensity of the thermal perturbation and time of exposure are both determining the final success of a thermoregulatory strategy, even if initially the chicken has been able to stabilise T_b in the physiological range. In other words, the success of a thermoregulatory response depends not only on the achievement of a constant physiological value of T_b, but also on the absence of undesirable side effects.

Then, perhaps the concept of physiological range of T_b should be rethought. For a healthy, well nurtured bird of given thermal properties, the value of $T_{b_{max}}$ may not only depend on the size of the bird as proposed in Chapter 5, but also on the time of exposure. This would initiate a dynamic concept of physiological range of T_b: due to a continuous reduction of $T_{b_{max}}$, the physiological range of T_b will become narrower as the time of exposure increases[44] (Fig. 7.6).

The concept of a dynamic physiological range of T_b is only a theorisation for which the author of this thesis has failed to find any literary reference. Nonetheless, Yahav *et al*. (1995) have reported that chickens exposed to different combinations of high T_a/high RH rendered lower body weights for some of those combinations. The affected chickens showed significantly lower levels of

[44] *It would be interesting to determine whether $T_{b_{min}}$stays the same, or moves up or down as time of exposure increases. If the dynamism of $T_{b_{min}}$ is true, then the whole theory proposed by the Humboldt group may need to be rethought.*

sanguineous CO_2, confirming the deleterious effect of alkalosis on tissue depositions communicated in previous works. Considering that those birds have been able to sustain life, it can be assumed that although their body temperature was in the normal physiological range, their buffer systems could only partially manage to reduce the drop in blood protons. Although the life of those birds may have not been imminently threatened, the absence of negative effects in only one of all treatments may well be in relation to the concept of the dynamic physiological range of T_b.

In the light of the analysis of the synergistic impact of the magnitude of thermal perturbation and the time of exposure on the success of a thermoregulatory response, the validity of the static representations of physiological responses (such as that presented in Figure 7.1) is, at least, questionable. The following section discusses the reasons for considering the static approach to be inadequate.

7.4. The incongruity of static representations of thermoregulatory responses to environmental perturbations

Traditionally, the experiments to characterise the thermoregulatory responses of a bird were designed to answer questions such as "*What is the body temperature of a bird at a given ambient temperature?*" The general experimental procedure consisted of exposing the bird to a given thermal treatment for a given period of time during which the animal was assumed to have reached a steady state. After reading the previous sections of this chapter, the reader may have some doubts about the legitimacy of this approach.

To demonstrate the inadequacy of the static representation of thermoregulatory responses, this section analyses the static diagrams resulting from two hypothetical experimental determinations of T_b. The study is based on the patterns of behaviour of T_b expected in a broiler exposed over a four hour period to one of six values of T_{ef}. The magnitude of T_{ef} increases progressively from treatment 1 to treatment 6. It is assumed

that the bird was at LTE before being suddenly exposed to a given thermal treatment.

The hypothetical responses shown in Figure 7.7 are based on the patterns presented by the experimental results reported by Zhou and Yamamoto (1997) as well as the model of Rodrígez-Gironés (2002) for basking desert rats. Treatment 1 was assumed to be identical to the conditions leading to LTE, therefore no variations in T_b have been represented. The magnitude of T_{ef_6} was such that the thermoregulatory mechanisms of the chicken could not counteract the thermal perturbation, thus T_b was assumed to increase indefinitely[45]. For the lowest thermal treatments (treatment 2, 3), T_b achieves a new steady-state within 1 and 2 hours, whilst at higher constant thermal treatments the new thermal state may not be able to be reached and their T_b may achieve values incompatible with life (Fig. 7.7).

Following previous experimental protocols designed to obtain static diagrams of thermal responses of a broiler chicken to different environmental conditions, the values of T_b 1 h after exposure (t_1) (according to the procedures followed by Nichelmann, Baranyiovà and Tzschentke, 1986) (Fig. 7.7) or two hours after exposure (t_2) (Burmeister *et al.*, 1986) (Fig. 7.7) were identified for all the treatments.

[45] *See footnote 2*

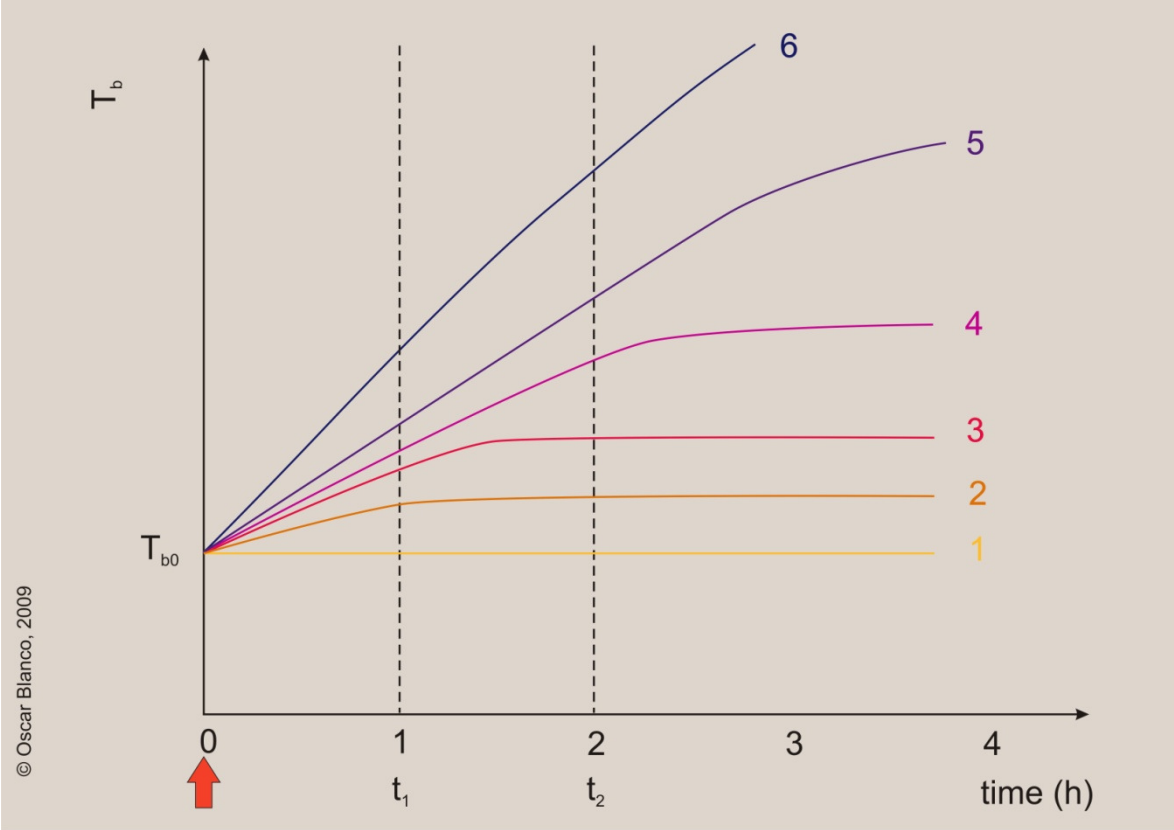


Figure 7.7. *Dynamic hypothesis of the pattern of behaviour of body temperature (T_b) of a broiler chicken exposed to six different thermal treatments, being $T_{ef_1} < T_{ef_2} < T_{ef_3} < T_{ef_4} < T_{ef_5} < T_{ef_6}$. The two vertical dashed lines indicate the observations of T_b performed 1 and 2 hours after exposure (t_1 and t_2, respectively) to the different thermal treatments. T_{b_0}: Body temperature at the beginning of the exposure. The red arrow indicates the onset of the treatments.*

The expected shape of the static diagrams T_b *vs.* T_{ef} built from measurements taken at t_1 and t_2 are presented in Figure 7.8.

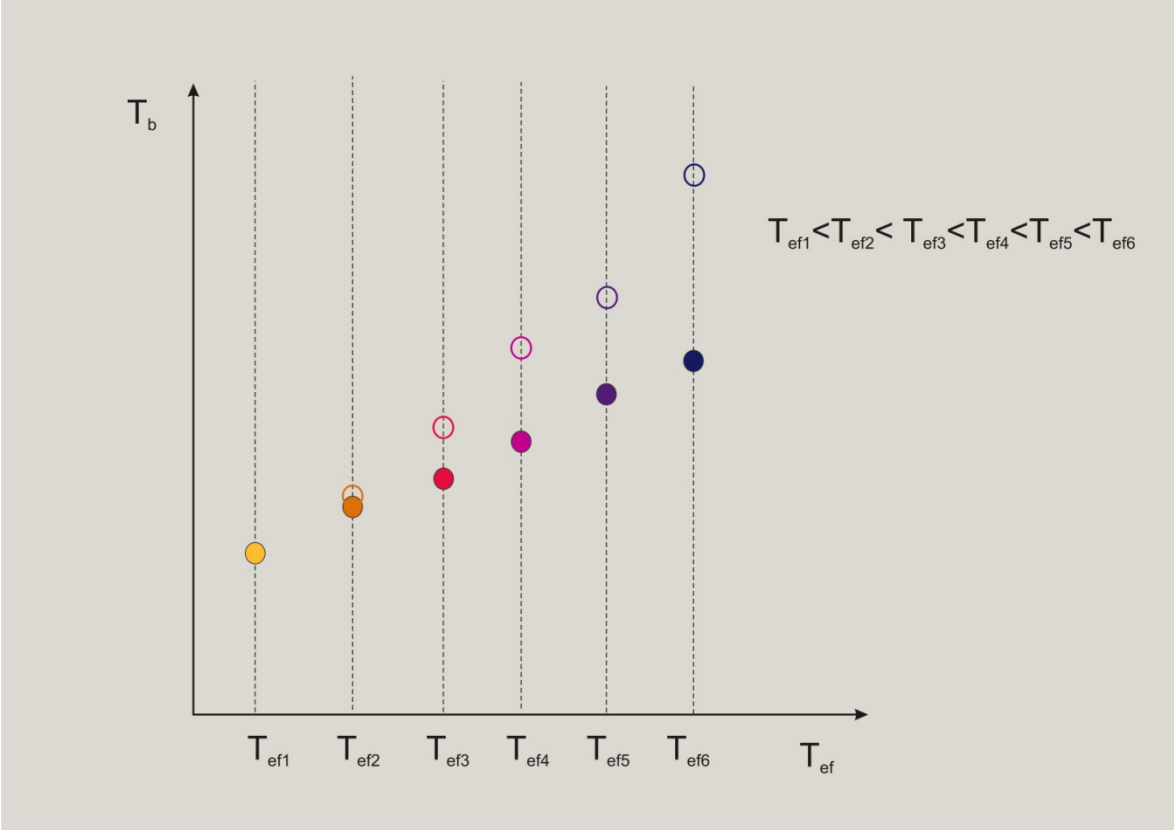


Figure 7.8. *Diagrams of T_b vs. T_{ef} obtained from the dynamic hypotheses of Figure 7.7. The data correspond to hypothetical "observations" performed 1 hour after exposure (t_1) (circles) and at two hours after exposure (t_2) (circumferences). The different T_{ef} treatments have been numbered from 1 to 6.*

The values of T_b obtained t_2 progressively diverge from those observed at t_1 as the value of T_{ef} moves away from LTE (or T_{ef_1}). This may suggest that the amplitude of the parabolic function T_b vs. T_{ef} presented in Figure 7.8 may vary depending on the time at which the measurements have been performed. In this way, the graphics and equations proposed by the Humboldt School to represent the behaviour of physiological parameters of chickens exposed at different values of T_{ef} (Chapter 6) are not reliable, unless the conditions are close to LTE.

In the light of the dynamic theory of thermoregulation presented in this chapter, it is

advisable to avoid the traditional static methods for determining and describing the physiological responses to given environmental conditions. Nevertheless, the method implemented by the Humboldt School can be really useful to determine experimentally the unique value at which

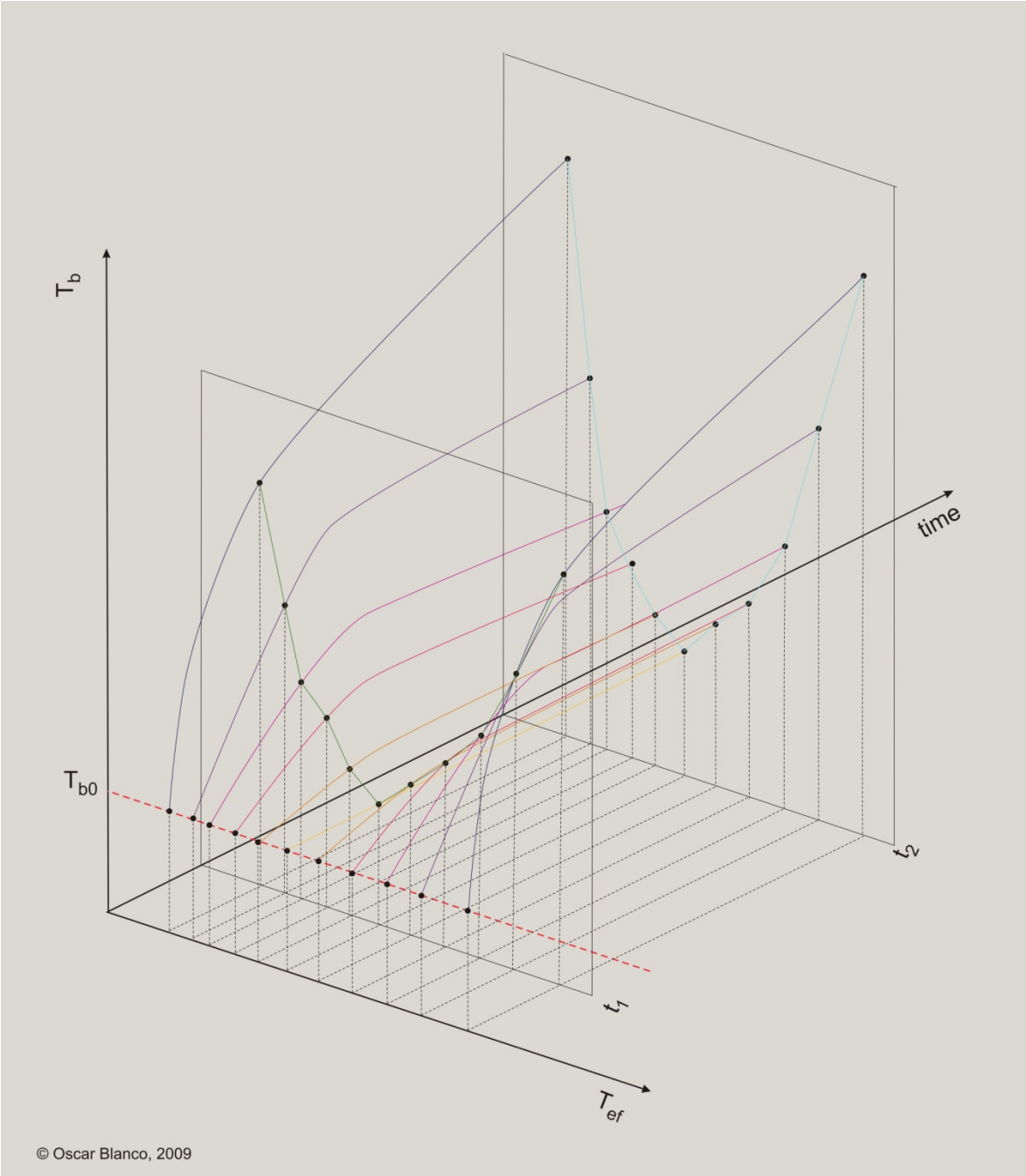


Figure 7.9. *Three dimensional diagram showing the instantaneous T_b response of a chicken 1 and 2 hours after exposure ($t_1$and t_2) to a range of T_{ef} including values below and above LTE.*

the bird is at LTE. Estimating the minimum value[46] of the equation obtained by Tzschentke *et* al. (1996) when plotting the values of T_b measured at a given time of exposure to different thermal treatments, one may be able estimate the value of T_b at LTE and the thermal conditions leading to that value.

The analysis presented in Figures 7.7 and 7.8 has been combined and extended to values of T_{ef} below LTE in Figure 7.9. It can be observed that the curves representing the instantaneous values of T_b at t_1 and t_2 have similar values towards LTE, but the functions diverge as temperature increases and decreases. It is observed also that the branches of the curve at t_2 are closer to each other, which is expected considering the behaviour of T_b in Figure 7.8. These curves are similar to those reported by Tzschentke *et al*. (1996).

7.5. Conclusions

This chapter has provided evidence of the extreme importance of time of exposure in the determination of the success of thermoregulatory responses.

Firstly, the feedback interactions between the different systems and the antagonistic forces involved in the achievement of a new thermodynamic/physiological state were shown to result in a progressive modification of the physiological parameters. This undeniable dynamic nature of thermoregulation cannot and should not be overlooked if the final effect of the environment on the chicken is to be estimated or measured. Otherwise, the study of the thermal responses of the bird could be compared to the

[46] *According to the experimental evidences reported by Tzschentke et al. (1996), among others, the obtained equations are quadratic, for which the value of T_a at least thermoregulatory effort may be estimated by equating to 0 the first derivative of the regression equation or, alternatively, by solving the regression equation to the minimum physiological value of T_b expected for a bird of the characteristics of the one used in the experiment. This method is to be applied when the experimental results do not include the minimal value of T_b.*

futile attempt of trying to understand "Citizen Kane" by looking at only one photo in the film strip[47].

Additionally, thermal treatments identified as initiators of hyperthermia, in the traditional static way of studying thermoregulation, may not be so if the time frame of the response is considered. According to the concepts of Physiological Time (Δt_{ph}) and slope of T_b response (σ) introduced in this chapter, if the time of exposure to that treatment is shorter than Δt_{ph}, then no hyperthermia will occur. This may be relevant in practical conditions, when predicting or analysing the environmental impact on the productivity of a chicken flock.

In the same way, treatments that in instantaneous determinations of T_b have been considered to be safe, may not be that safe under prolonged periods of exposure. The achievement of a new steady state implies costly physiological efforts, especially when the thermal perturbations are quite important in magnitude. If that state is maintained for a long period of time, then the different mechanisms sustaining it may start collapsing. This situation may result in important homeostatic imbalances. As described in this chapter, a clear example is the development of respiratory alkalosis and its negative consequences.

One may hypothesise on the reasons for the continuous neglect of time when considering physiological responses to thermal treatments. This author could not find any real explanations besides tradition. The methods used in the study of physiology of exercise constitute an interesting example. In some works (e.g. Torre-Bueno, 1976), the responses of the animal to physical activity (PA) and environmental variables (for example T_a) are reported. Both PA and T_a are external factors affecting the animal's thermoregulatory responses. The experimental procedure only differs in the need for restraining the animal to obtain $PA = 0$ when measuring the effect of T_a. But for some

[47] *Although in some movies, looking at only one photogram would be enough to say "I pass!"*

reason the analysis of the effect of T_a is approached differently. Whilst the effect of exercise is reported in dynamic plots (i.e. against time), the response of the animal to the thermal environment is almost without failure represented by single points in static diagrams. This is an incongruous procedure, since although the animal is restrained, the response to the environment continues to be dynamic.

Evidently, there is a great need to review the way in which the physiological responses of a bird are expressed. This author strongly believes that if the bird responses were reported as a function of time, the understanding of thermoregulation of homoeotherm animals would be quite different.

A dynamic study of such a nature may entail a great degree of difficulty, due to the several variables and processes contributing to the achievement of a new thermal steady state. The construction and utilisation of simulation models may greatly contribute to that analysis.

Part 3

Modelling the environmental effect on broiler chickens

In the previous two parts of the thesis, the physiological bases of the responses of the chicken to environmental aggression have been analysed.

It was said that in order to maintain their complex organisation, chickens need to avoid the rise of entropy by exporting heat to the environment. In situations in which heat dissipation is impeded, the chicken allows for an increase in body temperature in order to continue dissipating heat at the same rate as it is produced.

This kind of thermoregulatory responses results in physiological alterations. This risky "game" can become lethal if the environmental challenge overcomes the thermoregulatory capacity of the chicken.

The concepts and theories discussed in Sections 1 and 2 are integrated in the following three chapters under the form of a simulation model.

Chapter 8 shows a mechanistic, parsimonious representation of the thermoregulatory mechanism of a broiler chicken. In chapter 9, all those pieces are organised into a model able to estimate TNT and predict T_b, RR, heat storage and λE_r in a single broiler chicken suddenly exposed to environmental conditions above TNT. Finally, Chapter 10 shows some exercises performed with this model, where the main theories on thermoregulation are tested.

A parsimonious, mechanistic description of a thermoregulating broiler chicken [48]

8

« Une poupée aux yeux d'émail
Jouait air mieux de l'éventail
Auprès d'un petit coq en cuivre
(....) Dansaient, caquetaient, semblaient vivre :
Ah ! Le petit coq, luisant e vif,
Avec un air rébarbatif,
Tournait par trois fois sur lui-même
Par un rouage ingénieux (...)»[49]

Jacques Offenbach (1881)
Les Contes d'Hoffmann (Acte II)

8.1. Introduction

The original objective of this study on the thermoregulatory abilities of broiler chickens was to build a model to simulate the response of a single bird to micro-environmental conditions above least thermoregulatory effort.

To synthesise a living system as a chicken into a group of interdependent equations has been a challenging task. It has implied visualising the chicken in order to identify the main parts playing a role in the thermoregulatory process, stripping it from all elements that were superfluous and irrelevant to the main aim of the model.

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[48] *This chapter contains excerpts from the papers by Blanco and Gous (2006a; 2010c) and Blanco et al. (2004a, b)*
[49] *A doll with enamel eyes/ played with a fan/ next to copper rooster/ (...) they danced, they gossiped, seemed to be alive:/ Ah! the little rooster, shiny and alive/ in a dull manner/through an ingenious mechanism/ turn three times upon itself*

Once that minimalistic (or reductionist) expression of the thermal properties of the chicken was obtained, the mathematical expressions of heat transfer from the chicken to the environment were formulated.

In the first section of this chapter, the criteria followed in the design of this virtual chicken are discussed. The second section gives an insight into the heuristics utilised. Finally, the equations representing heat flow, as well as those describing thermoregulatory processes, are given.

8.2. "*Non sunt multiplicanda entia praeter necessitatem*"

A revolutionary way of seeing science was introduced with von Bertalanffy's General System Theory. According to this, in order to perform a fair analysis of the object of research and to interpret the results, that object had to be expressed as a construct *simpler than the object in itself*. Contrary to the mechanicists of the beginnings of the XX century, this approach transcends the importance of each of the parts or systems that constitute the bird, understanding reality as a whole (von Bertalanffy, 1968).

The principles supporting this theory are essential when developing simulation models. In the case of the model reported in Chapters 9 and 10 of this thesis, the characteristics irrelevant to the thermal and thermoregulatory properties of a chicken had to be identified and removed. This is far from being a trivial, easy procedure since the balance and reliability of the model depends on it.

Most modellers are familiar with the concept of *Occkam's Razor* or *Law of Parsimony* (from Latin *parsimonia*, from *parsus*, past participle of *parcere: to spare)*, which has become necessary for purging the superfluous characteristics of a system and sparing the crucial ones. The Razor has its origins in the 14th century and has been applied since then in several disciplines and by different people, being the theologian Occkam who

used it more extensively. He proposed that *"non sunt multiplicanda entia praeter necessitatem"*, i.e. "entities are not to be multiplied beyond necessity". This central idea of his work was based on the ascetic medieval concept that "*plurality should not be assumed without necessity*", which became very useful during his arguments in favour of austerity amongst Franciscan monks.

Classically this law is interpreted as a deletion rule (Sober, 1981), i.e. to remove what is unnecessary, what is not needed to explain anything, raising the probabilities of what remains. In other words, the unnecessary attributes of the system become non-existent. The problem arises when differentiating the "existing" entities from those to be discarded.

Some entities (concepts, ideas, etc.) are clearly unrelated to the main objective of the model, and they are easily removed. In our model, for example, the circadian variations of metabolic rate are not part of the main core of the model, so they have not been considered in first instance.

Other entities related to the main characteristics of the system may be irrelevant to the scope of the model. Consequently, they should be excluded from the description of the system. In the case of the model of a broiler chicken reported in this thesis, there is a direct relationship between respiratory frequency and the pH balance of the animal. Although the production of alkalosis secondary to panting is an important factor determining the productivity and liveability of the bird exposed to hot environmental conditions (Yahav *et al.*, 1995), it goes beyond the current aims of our research team, and it has been easily omitted without greatly disturbing the estimation of other physiological parameters such as body temperature and respiratory rate.

The situation is more complex when there is identity between two different entities. This may occur when those two entities are exactly the same, but expressed in different

forms, or when they are very closely related. This scenario can sometimes be misleading, inasmuch as removal can be confused with theoretical reduction (Sober, 1981). In other words, if only one part of a given identity is identified as superfluous and omitted, then the effect perpetuates in the model through the remaining part of the identity. This will definitely have an impact on the balance of the model.

Although formal procedures have not been followed in applying Occkam's razor in this model, this concept has been kept in mind when producing the models of the broiler and the broiler house, in order to achieve the closest possible parsimonious representations.

In the next section, the thermodynamic aspects considered in the development of models for the chicken and the building are analysed.

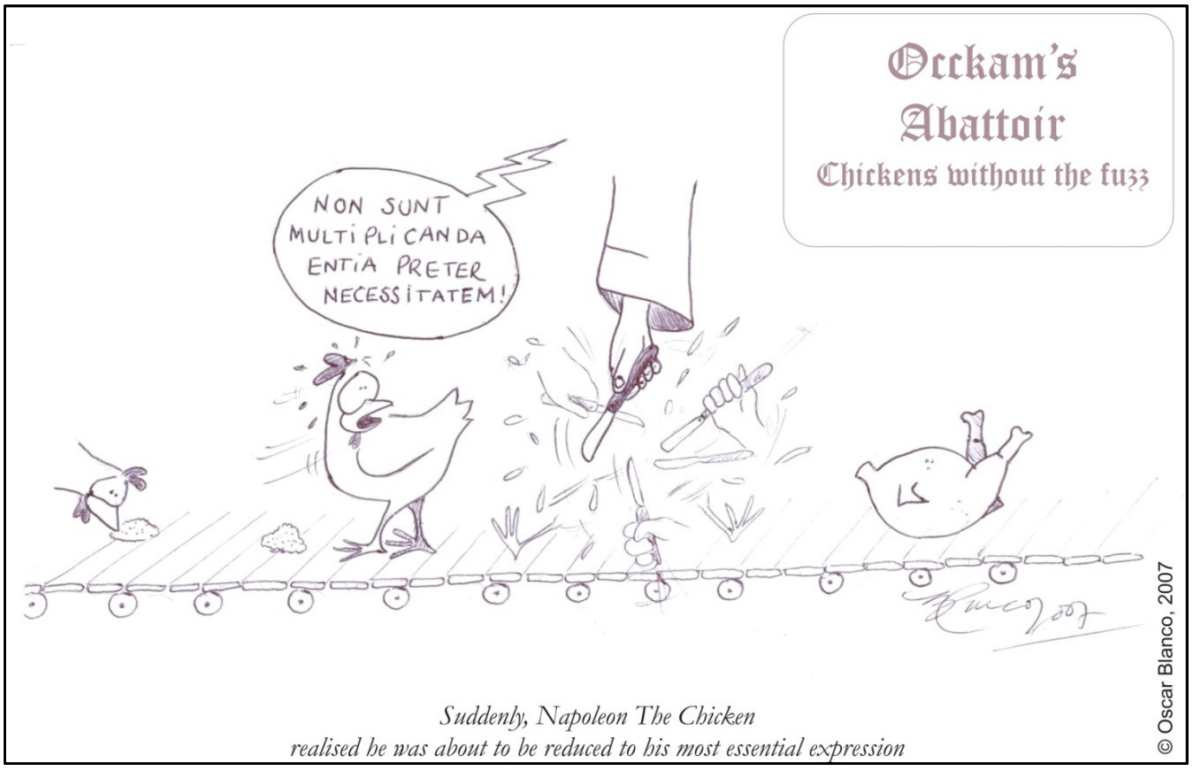


Figure 8.1.

8.3. A parsimonious representation of a thermoregulating broiler

As stated in the introduction to this chapter, the objective was to obtain a "minimalistic" representation of the thermal properties of a chicken such that those variables considered could be modified through thermoregulatory mechanisms.

A close analysis of the dynamics of heat exchange between the bird and its surroundings showed characteristics of heat dissipation from the surface of the respiratory tract clearly distinguishable from those of the rest of the body surface. The micro-environmental variables may impose dissimilar demands on each of the interfaces due to the different properties of boundary-layers and their resistances (Bakken, 1981; Blanco *et al*., 2004a, b), the various processes controlling the heat exchange at each interface, and the anatomical and physiological differences between respiratory tract and body surface. As a result it was agreed that the chicken should be represented as a system with two parallel interfaces, i.e. the "body surface" (I_b) and the "surface of the anterior respiratory tract" (I_r) (Blanco *et al*. 2004a,b; Blanco and Gous, 2006c) (Figure 8.2).

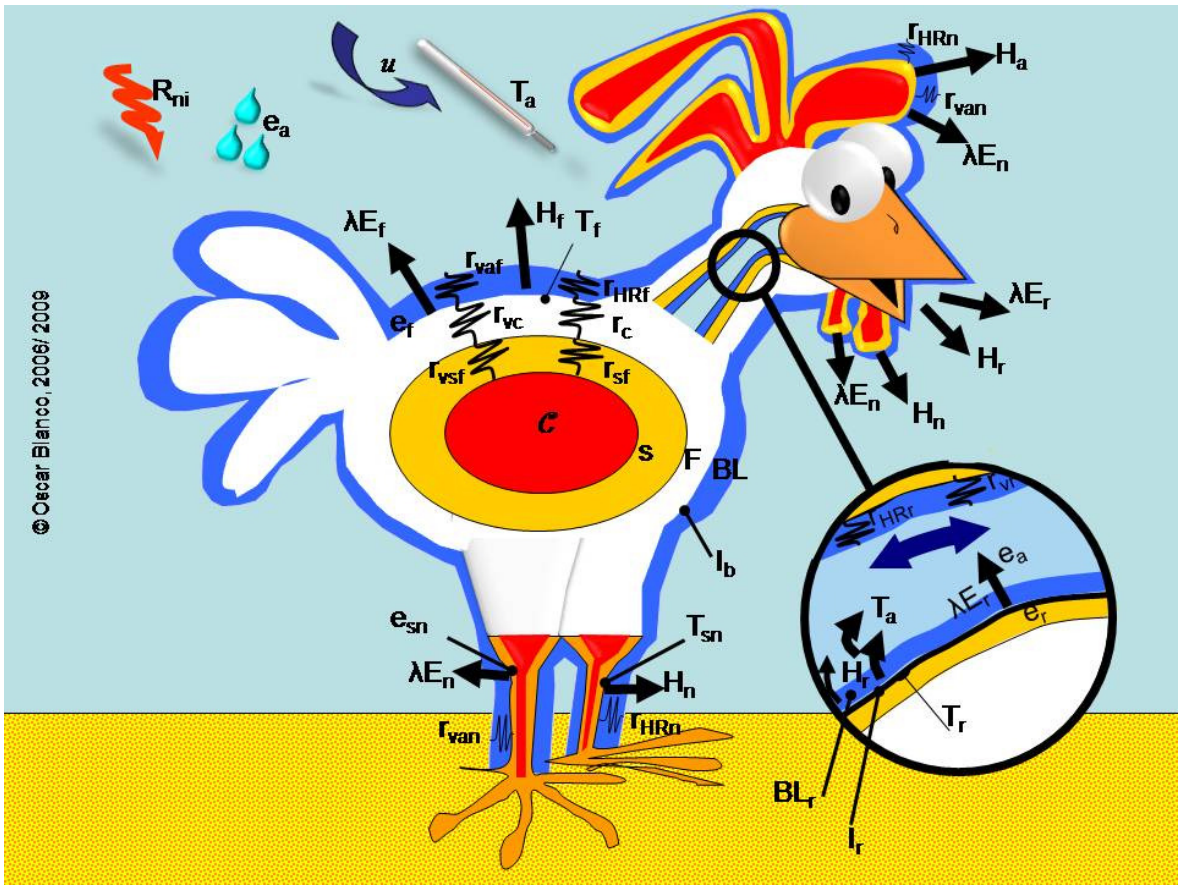


Figure 8.2. *Partition of heat dissipated by a chicken. The circular detail shows the components of the heat exchange between breathed air and mucous surface of the upper respiratory tract, where the double-headed arrow indicates the movement of the circulating air.* I_b*: Interface between the body surface and the surrounding air;* I_r*: Interface between the surface of the mucous membrane of the upper respiratory tract and the circulating air;* λE_f*: latent heat loss from feathered areas;* H_f*: sensible heat loss from feathered areas;*r_{HR_f}*: thermal resistance of the boundary layer of feathered areas to convective and radiant heat transfer;* $r_{v_{af}}$*: resistance of the boundary layer of feathered areas to water vapour transfer;* e_f*: vapour pressure at the surface of the feather coat;* T_f*: Surface temperature of the feather coat;* λE_n*: latent heat loss from bare appendages;* H_n*: sensible heat loss from bare appendages;* r_{HR_n}*: thermal resistance of the boundary layer of bare appendages to convective and radiant heat transfer;* $r_{v_{an}}$*: resistance of the boundary layer of bare appendages to water vapour transfer;* e_{s_n}*: vapour pressure at the surface of the bare appendages;* T_{s_n}*: Surface temperature of the skin of the bare appendages;* λE_r*: dissipation of latent heat from the surface of the anterior respiratory tract (interface* I_r*);* H_r*: sensible*

heat loss from interface I_r; r_{HR_r}: thermal resistance of the boundary layer of interface I_r to latent and radiant heat transfer; r_{v_r}: resistance of the boundary layer of the interface I_r to water vapour transfer; e_r: vapour pressure at the surface of the mucosa of the upper respiratory tract; T_r: Surface temperature mucous membrane of the upper respiratory tract; r_{s_f}: Thermal resistance to heat transfer through the skin of the feathered areas; r_c: Thermal resistance through heat transfer through the feather coat; $r_{v_{sf}}$: resistance to water transfer through the skin of the feathered areas; r_{v_c}: Resistance to water vapour transfer through the feather coat; R_{ni}: micro-environmental isothermal net radiation; u: micro-environmental air velocity; C: thermogenic core; s: skin; F: feather coat; BL: Boundary-layer. (Note: due to space restrictions, it was impossible to represent $r_{v_{an}}$, r_{HR_n},e_{s_n} and T_{sn} on the wattles) (Based on Campbell and Norman, 1998 and Blanco et al., 2004a, b; modified from Blanco and Gous, 2006c).

Simultaneously, the magnitude of the heat exchange at I_b and the factors determining it are not uniform throughout the body. A main source of variation is the presence/absence of a feather coat. As explained in Chapter 5, the resistance imposed by the feather coat is extremely high (Richards, 1974), for which the skin temperature of the feathered areas is close to the value of T_b most of the time. Then (almost by default) the bare appendages are the place of choice for controlling the amount of heat dissipated to the surrounding environment

Based on the presence/absence of feathers, it was decided to divide the interface I_b into feathered areas and bare appendages. The feathered areas (I_{b_f}) constitute approximately 80 to 85 % of the surface area of I_b in a normal, adult commercial broiler chicken (McArthur, 1987). The bare appendages (I_{b_n}) account for the surface area of feet, shanks, comb and wattles, which represent approximately 15 to 20 % of the surface area of I_b.

Once the chicken has been divided into the three interfaces I_r, I_{b_f} and I_{b_n}, the further step was to apply Occkam's Razor to obtain a parsimonious representation of the thermal properties of the different interfaces as well as a mathematical expression of heat

flux.

Section 8.3.1 is dedicated to the study of the parsimonious representation of the thermal properties of the different components of I_b and the sensible heat flow ($\mathcal{H}$) through them. Due to its peculiarities, latent heat loss from I_{b_n} and I_{b_f} are reported, in that order, in section 8.3.2. The relevant properties and heat exchange processes of the respiratory tract are not discussed here, as they have already been presented in Chapter 5 of this thesis.

8.3.1. Representation of thermal properties and thermoregulatory capacity of the interphase I_b

8.3.1.1. The feathered areas (I_{b_f})

Parsimonious representation of the thermal properties of the feathered areas

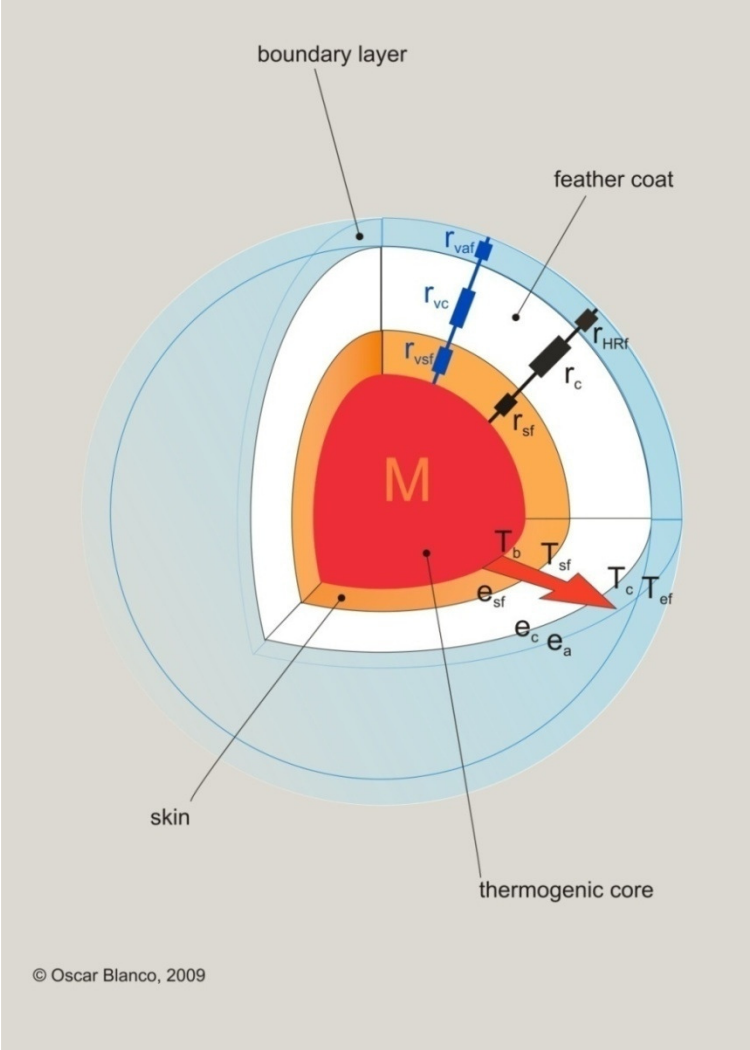


Figure 8.3. *Parsimonious representation of the feathered areas (I_{b_f}) of a broiler chicken, consisting of three concentric layers (boundary layer, feather coat and skin) involving the thermogenic core. The arrow represents the heat flow from the core to the surrounding environment. M: metabolic heat production; r_{s_f}: thermal resistance of skin of I_{b_f} to heat transfer; r_c: thermal resistance of the feather coat to heat transfer; r_{HR_f}: thermal resistance of the boundary layer of I_{b_f} to convective and radiant heat transfer; $r_{v_{sf}}$: resistance to water vapour transfer through the skin of I_{b_f}; r_{v_c}: resistance to water vapour transfer of the feather coat; $r_{v_{af}}$: resistance to water vapour transfer through the boundary layer of I_{b_f}; T_b: Body temperature; T_{s_f}: skin temperature of I_{b_f}; T_c: Temperature of the surface of the feather coat; T_{ef}: Effective temperature; e_{s_f}: vapour pressure at the surface of the skin of I_{b_f}; e_c: vapour pressure at the surface of the feather coat; e_a: vapour pressure of the air.*

The feathered areas of the body were assumed to be a thermogenic core wrapped in the three concentric layers of skin, feather coat and boundary layer (Curtis, 1983; Campbell and Norman, 1998; Turnpenny et al., 2000a; Blanco *et al*., 2004 a, b; Blanco and Gous, 2006c; 2010c) (Figs. 8.2 and 8.3). Each layer has a characteristic thermal resistance given by its physical properties, i.e. thermal resistance of the skin to heat transfer (r_{s_f}), thermal resistance of the feather coat to sensible heat transfer (r_c), thermal resistance to radiant and convective heat transfer through the boundary layer (r_{HR_f}) (Figs. 8.2 and 8.3).

Additionally, each layer has a characteristic resistance to water vapour

transfer, i.e. resistance of the skin to water vapour transfer ($r_{v_{sf}}$), resistance of the feather coat to vapour transfer (r_{v_c}), and resistance of the boundary layer to vapour pressure transfer ($r_{v_{af}}$) (Figs. 8.2 and 8.3). The resistances to heat transfer and the resistances to water vapour transfer are arranged in two different series, both serial arrangements being parallel to each other (Fig. 8.4).

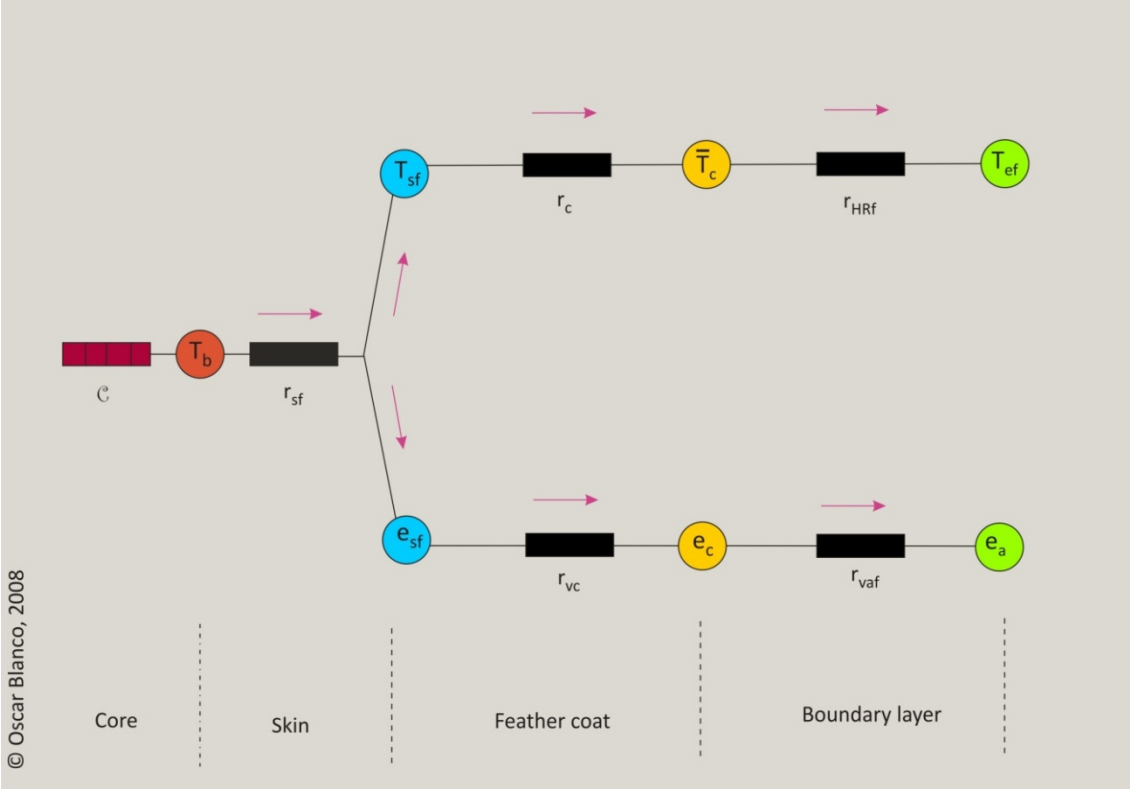


Figure 8.4. *Representation of the arrangement of the resistances to heat and water vapour transfer in feathered areas of a broiler chicken. The nodes (coloured circles) represent the temperature at the interface between a given component of the circuit and the next component (T_b is the body temperature, T_{s_f} is the skin temperature of I_{b_f}, $\overline{T}_c$ is the average surface temperature of the feather coat) or the vapour pressure at skin surface of*

I_{b_f} (e_{s_f}) and feather coat surface (e_c). The circles at the end of the circuit show the characteristics of the surrounding environment (T_{ef} is effective temperature and e_a is the vapour pressure of the air). The red rectangle at the starting point of the circuit (C) represents the thermogenic core of the chicken (heat source). The black rectangles represent the thermal resistances of each of the components of the circuit (r_{s_f} is the thermal resistance of the skin of I_{b_f} to heat transfer, r_c is the thermal resistance of the feather coat to sensible heat transfer, r_{HR_f} is the thermal resistance of the boundary layer of I_{b_f} to heat transfer by convection and radiation, r_{v_c} is the resistance of the feather coat to water vapour transfer, $r_{v_{af}}$ is the resistance of the boundary layer of I_{b_f} to water vapour transfer) (after Bakken, 1976).

The magnitude of heat dissipated from the interface I_{b_f} is affected by regional and temporal variations of r_c. The regional variations are given by the different types and quantities of feathers constituting the feather coat in different parts of the body. This affects the air content of the feather coat and, consequently, its thermal properties. The temporal variations are related to long-term modifications of the structure of the feather coat (e.g. moulting, damage of the feather coat) as well as the short-tem variation in the proportion air: feathers (due mainly to the degree of *ptilo*-erection).

The qualitative and quantitative variations of the characteristics of the feather coat reported in the literature were quite inconsistent and ill-defined to be considered as a rational criterion for subdividing the feathered surface into further compartments. Those differences have thus been ignored, accepting in exchange a certain degree of inaccuracy in the estimations until a more representative account of r_c is possible (see section on r_c in Chapter 5).

According to Richards (1974) the value of r_{sf} is almost insignificant compared to r_c mainly due to the fact that vasodilation/vasoconstriction is unlikely in the skin of the feathered areas and its temperature is most of the time close to that of the body core. Therefore, r_{s_f} has been neglected during the construction of the model reported in chapters 9 and 10.

Mathematical representation of sensible heat flux through the feathered surface of I_b (or H_f)

The heat flux through the feathered areas of a chicken under conditions leading to least thermoregulatory effort (i.e. without storing heat) is schematically represented in Figure 8.3 with red arrows. If the value of the latent heat loss from I_{b_f} (or λE_f) is known, the fraction of the metabolic rate (M) represented by the sensible heat loss (H_f) can be traced to the core (Monteith and Unsworth, 1990) (Fig. 8.3).

The sensible heat flux in the feathered areas (H_f) is directly proportional to the thermal gradient between the core and the surrounding environment and inversely proportional to the serial arrangement of resistances ($r_c + r_{HR_f}$). Based on Fourier's law given in Equation 3.4 (Chapter 3), sensible heat loss from the core to the surrounding environment can be expressed according to Equation 8.1.

$$H_f = \left(T_b - T_{ef}\right)(r_c + r_{HR_f})^{-1}\rho c_p \qquad (8.1)$$

where T_b is the body temperature of the broiler (measured at the core), T_{ef} is the effective temperature experienced by the broiler and ρc_p is the volumetric heat capacity of the air.

8.3.1.2. The bare appendages (I_{b_n})

Representing the thermal properties of the bare appendages

The bare appendages differ from the feathered areas of I_b, in that they are almost completely lacking in thermogenic tissues. The heat dissipated from here originates from the blood circulating through the limbs (Fig. 8.5). In analogy to the representation of I_{b_f}, the bare appendages have been assumed to be a cylindrical warm core representing a single blood vessel wrapped in two concentric layers: skin and boundary layer (Figs. 8.2 and 8.5).

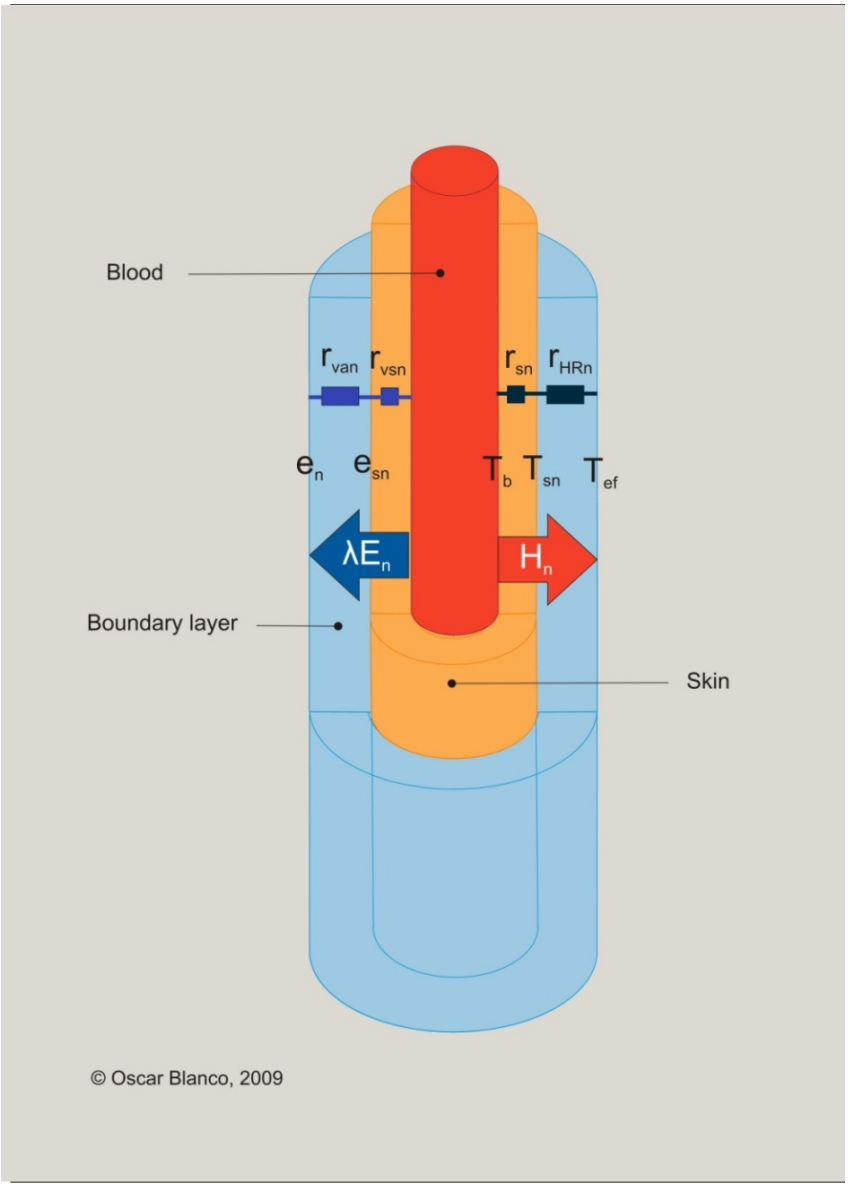


Figure 8.5. *Parsimonious representation of the bare appendages of a broiler chicken, consisting in two concentric layers (boundary layer and skin) involving a central blood vessel. The red arrow represents the sensible heat flow from the blood to the surrounding environment (H_n) and the blue one represents the latent heat loss from the bare appendages (λE_n). r_{s_n}: thermal resistance of skin of I_{b_n}; r_{HR_n}: thermal resistance of the boundary layer of I_{b_n} to convective and radiating heat transfer; $r_{v_{sn}}$: resistance to water vapour transfer through the skin of I_{b_n}; $r_{v_{an}}$: resistance to water vapour transfer through the boundary layer of I_{b_n}; T_b: body temperature; T_{s_n}: skin temperature of bare appendages; T_{ef}: effective temperature; e_{s_n}: vapour pressure at skin surface of I_{b_n}; e_a: vapour pressure of the air.*

As discussed in Chapter 5, chickens have a fascinating vascular arrangement that allows them to modify the blood through their limbs. The amount of blood available to exchange heat with the environment varies, modifying the value of the thermal resistance of the skin of the bare appendages to heat sensible transfer (r_{s_n}). That change in r_{s_n} is in fact one of the main factors determining the thermoregulatory capacity of the bird.

The parsimonious representation of the thermal properties of the bird, as well as the estimation of r_{s_n} and of H from the bare appendages (H_n), depends on the way in which vascular thermoregulation is approached. The author of this thesis thought, in first instance, of tackling this issue by modelling the modifications on blood circulation and r_{s_n} as a function of vascular changes. A model regarding vasomotor activity has been found in the literature. It estimates the effect of changes in blood flow on their effects on r_{s_n} by considering the heat transfer between two blood vessels in apposition and between superficial blood vessels and the surrounding environment (Hillman and Scott, 1989).

The amount of heat to be dissipated, which depends on the degree of vasodilation and the blood flow per minute, acts in the same way as M in the thermogenic core of the feathered regions. That value of heat flow is constituted by the heat to be dissipated as H_n and as λE_n.

Although the estimations obtained with this model seem to be quite precise, it exhibits a high degree of complexity, far beyond the scope of the model presented in this thesis. Estimating r_{s_a} at that level of intricacy may be a futile effort in our case, since the structure of our model may not be capable of responding with the same level of precision to such accurate estimations.

The second option was to model the changes of r_{s_a} based on the consequences of such changes. In other words, the estimation of r_{s_a} would not consider the vasomotor causes of its variation, but considering the heat exchanged and the changes in skin temperature (T_{s_a}) produced through the changes in vasomotor tone and r_{s_a}. In this situation, the value of r_{s_a} is only approachable via iteration. This has been the method selected for our model, and it is explained in the following sections and in Chapter 9.

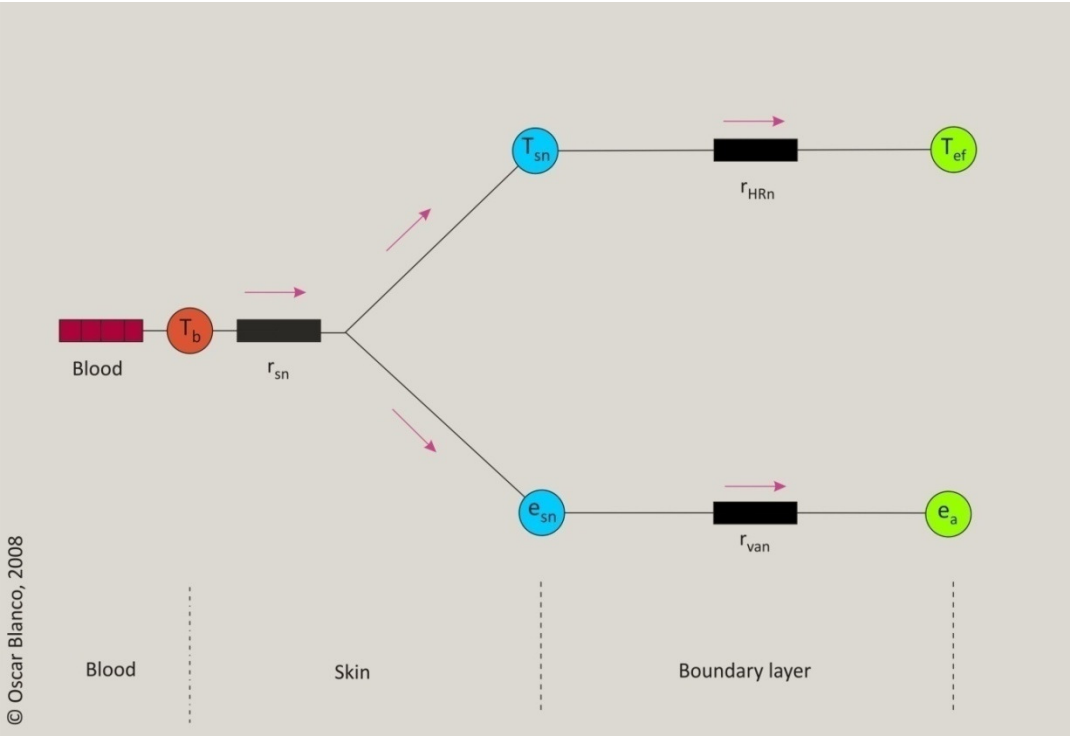


Figure 8.6. *Circuit arrangement of the resistances to heat and water vapour transfer in the bare appendages of a broiler chicken. The nodes (coloured circles) represent the temperature at the interface between a given component of the circuit (T_b: blood temperature, in this case equal to T_b; T_{s_n}: temperature at the skin surface of the bare appendages) or the vapour pressure at skin surface of the bare appendages (e_{s_n}). The circles at the end of the circuit show the characteristics of the surrounding environment (T_{ef} is effective temperature and e_a is the vapour pressure of the air). The red rectangle at the starting point of the circuit represents the blood (heat source). The black rectangles represent the thermal resistances of each one of the components of the circuit, r_{s_n} is the thermal resistance of the skin of the bare appendages to heat transfer; r_{HR_n} is the thermal resistance of the boundary layer of the bare appendages to heat transfer by convection and radiation; $r_{v_{sn}}$ is the resistance of the skin of the bare appendages to water vapour transfer; $r_{v_{an}}$ is the resistance of the boundary layer of the bare appendages to water vapour transfer) (after Bakken, 1976).*

Representation of the bare heat flow through the bare appendages

The total thermal resistance of the bare appendages (r_n) is the result of the serial arrangement of the thermal resistance of the skin (r_{s_n}) and the thermal resistance to radiant and convective heat transfer of the boundary layer of the bare appendages (r_{HR_n}) (Equation 8.2) (Figs. 8.5 and 8.6).

$$r_n = r_{s_n} + r_{HR_n} \qquad (8.2)$$

The principles of heat transfer discussed above for the feathered areas apply also to the bare appendages. The mathematical expression representing the

sensible heat flux density for the bare appendages (H_n), derived in analogy with Equation 8.1, is presented in this document as Equation 8.3.

$$H_{b_a} = (T_b - T_{ef})(r_{s_n} + r_{HR_n})^{-1}\rho c_p \qquad (8.3)$$

where T_b represents the body temperature (measured at the chicken's blood), T_{ef} is the effective temperature experienced by the bird and ρc_p is the volumetric heat capacity of the air. [50]

Representation of the effect of differential redistribution of the blood flow (DRBF) on the value of r_{s_n}

The final effect of the vasomotor activity at the levels of the Arterio-Venous Anastomoses (AVA) and the counter-current exchangers has been called Differential Redistribution of the Blood Flow ($DRBF$) by McArthur (1981a). Under conditions above least thermoregulatory effort (LTE) the vasomotor action redistributes the blood to the bare regions of the I_b. The consequent reduction in r_{s_n} results in an elevation in T_{s_n}.

The variation of T_{s_n} secondary to sudden exposure of the animal to a thermal-stressing environment has been studied by Richards (1974) and Zhou and Yamamoto (1997) among others. By regressing data of T_{s_n} (specifically, shank skin temperature) (Zhou and Yamamoto, 1997) for fully-feathered broilers against T^*_{ef} [51] the linear Equation 8.4 has been obtained.

$$T_{s_n} = 0.25T^*_{ef} + 32 \qquad (8.4)$$

[50] *Monteith and Unsworth (1990) reported a group of equations based on the same approach, but specific for each of the concentric layers.*

[51] *Although Zhou and Yamamoto (1997) reported the results of their experimental determinations as a function of T_a, the author of this thesis has assumed $T_a = T_{ef}$ due to the characteristics of the experimental environment.*

where T_{ef}^{*} is the actual effective temperature that the broiler is experiencing.

Although the variations in T_{s_n} as a function of T_{ef}^{*} have been studied, no reports of experimental determinations of r_{s_n} have been found in the literature. Based on the values of T_{s_n} and the heat flux, the value of r_{s_n} can be estimated.

Estimation of the value of r_{s_n}

The sensible heat flow from the bare appendages (H_n) is directly proportional to the thermal difference between the blood vessels and the surrounding air and inversely proportional to the serial arrangement of r_{s_a} and r_{HR_a} (Equation 8.3). If the magnitudes of latent heat loss from bare appendages (λE_n) and total heat loss from the bare appendages are known, then the value of H_n can be traced from the core, and divided into the flow from blood vessel to skin ($H_{n_{(b-s)}}$) (Equation 8.5) and the heat flow from the skin to the surrounding air ($H_{n_{(s-a)}}$) (Equation 8.6) (Fig. 8.7).

$$H_{n_{(b-s)}} = \left(T_b - T_{s_n}\right)(r_{s_n})^{-1}\rho c_p \qquad (8.5)$$

$$H_{n_{(s-a)}} = \left(T_{s_n} - T_{ef}\right)(r_{HR_n})^{-1}\rho c_p \qquad (8.6)$$

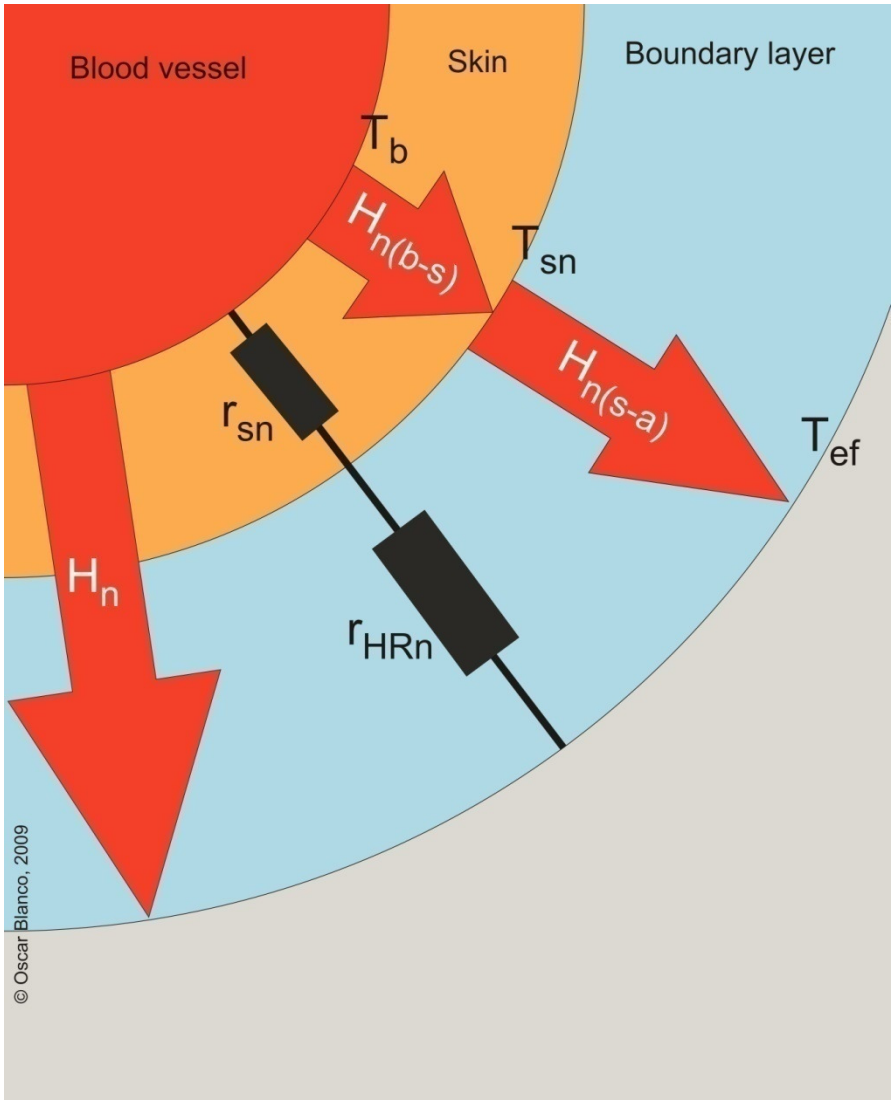


Figure 8.7. *Partition of H_n into H_n form the blood to the skin surface ($H_{n_{(b-s)}}$) and form the skin surface across the boundary layer ($H_{n_{(s-a)}}$). The bird is assumed to be in a steady state, so $H_n = H_{n_{(b-s)}} = H_{n_{(s-a)}}$.*

When the physiological parameters of the bird have achieved a steady state, then:

$$H_{n_{(b-s)}} = H_{n_{(s-a)}}$$

$$\left(T_b - T_{s_n}\right)(r_{s_n})^{-1}\rho c_p = \left(T_{s_n} - T_{ef}\right)(\, r_{HR_n})^{-1}\rho c_p$$

$$r_{s_n} = r_{HR_n}\frac{\left(T_b - T_{s_n}\right)}{\left(T_{s_n} - T_{ef}\right)} \qquad (8.7)$$

The mathematical expression of r_{s_n} presented in Equation 8.7 is coincident with that published by Özkan *et al.* (2002). It shows that an elevation of T_{s_n} secondary to peripheral vasodilation is translated into a drop in r_{s_n}.

The time taken by the animal to achieve maximum vasodilation is modified by several factors, specially the variation in T_{ef} and the time of exposure to the thermal treatment. Richards (1970) showed that the maximum vasodilation (indirectly measured by the variations in T_{s_n}) is reached after 7.5 min of exposure to a constant thermal treatment. Nevertheless, this value should be revised, since lower resistances should be reached in longer periods of time, due to the vasodilatation rate.

8.3.2. Representation of the cutaneous latent heat loss from I_b (λE_b)

In Chapter 5, latent heat from the interface I_b (λE_b) was classified into thermoregulatory and insensible or incidental. The thermoregulatory form is the result of the positive effect of vasodilation on the value of surface vapour pressure, through a reduction of skin resistance as well as an increase in skin temperature. To the best knowledge of this author, this mechanism has not been described in chickens and its effect has not been properly quantified. Therefore, it has not been included in the model reported at the end of this thesis.

The analysis of thermoregulation reported in this thesis considers only the insensible or incidental component of λE_b, which is governed by the general rules of latent heat loss (Equations 3.29, 3.30 and 3.31). A general expression for the total latent heat loss through the interface I_b, i.e. λE_b is presented in equation 8.8.

$$\lambda E_b = \rho c_p \frac{(\overline{e_s} - e_a)}{\gamma r_{v_{bT}}} \tag{8.8}$$

where ρc_p is the volumetric heat capacity of the air, $\overline{e_s}$ is the average vapour pressure at the surface of I_b, and γ is the psychrometric constant.

As reported in Chapter 5, λE_b should be divided into latent heat loss from feathered areas (λE_f) and latent heat loss from bare appendages (λE_n) due to the different thermal and thermoregulatory properties I_{b_n} and I_{b_f}.

The subsequent sections show the procedure followed to obtain mathematical expressions for λE_n and λE_f, based on the concepts discussed in Chapters 3 and 5.

8.3.2.1. Representation of latent heat loss from the bare appendages (λE_n)

As discussed in Chapter 5, the latent heat from the bare appendages (λE_n) is inversely proportional to resistance of the boundary layer to water vapour transfer ($r_{v_{an}}$) and directly proportional to the vapour pressure gradient between the skin surface of I_n (e_{s_n}) and the vapour pressure of the surrounding air (e_a).

Considering that the surface of the skin is always close to saturation (Ophir

et al., 2000), it was decided not to include in the calculations the value of the resistance of the skin to vapour pressure transfer. The value of e_{s_a} depends then on the magnitude of the skin temperature of the appendages (T_{s_a}) and the degree of saturation expressed in terms of RH. Based on these two parameters, e_{s_a}can be calculated by psychrometrics (Equation 8.9, after Savage, 2006).

$$e_{s_n} = 6.11 \times 10^{-3} RH\, e^{\left(\frac{17.2694 T_{s_n}}{273.3 + T_{s_n}}\right)} \qquad (8.9)$$

where e is the Euler's number[52].

Finally, Equation 8.10 for λE_n was formulated, based on the general form presented in equation 3.31. The value of $r_{v_{an}}$can be estimated by using equation 3.29.

$$\lambda E_n = \rho c_p \frac{(e_{s_n} - e_a)}{\gamma r_{v_{an}}} \qquad (8.10)$$

The resistance of the boundary layer of the bare appendages to water vapour transfer ($r_{v_{an}}$) follows a general form for I_b, shown in Equation 8.11 (Campbell and Norman, 1998)[53].

$$r_{va} = 6.8 \sqrt{\frac{d}{u}} \qquad (8.11)$$

where d is the main dimension of the subject of study and u is the air velocity

[52] *Do not confuse e (vapour pressure) with e (Euler's number).*

[53] *The units of* r_{va} *estimated by using equation A1.2 (Campbell and Norman, 1998) are* $[m^2 s mol^{-1}]$. *It can be converted to units of* $[s m^{-1}]$ *by using the conversion factor given in chapter 3 of this thesis.*

affecting the bird.

8.3.2.2. Representation of latent heat loss from the feathered areas (λE_{b_c})

As discussed in Chapter 5, the value of latent heat loss from interface I_{b_f} (λE_f) depends directly on the vapour pressure gradient between the skin of feathered areas and the surrounding air ($e_{s_f} - e_a$) and inversely on the total resistance to water vapour transfer for the feathered areas (r_{v_f}).

The value of r_{v_f} is given by the serial arrangement presented in Equation 8.11.

$$r_{v_f} = r_{v_c} + r_{v_{af}} \tag{8.11}$$

where r_{v_f} is the total resistance of the interface I_{b_f} to water vapour transfer, r_{v_c} is the resistance of the feather coat of the interface I_{b_f} to water vapour transfer, and $r_{v_{af}}$ is the resistance of the boundary layer of the interface I_{b_f} to water vapour transfer. As in the case of the bare appendages, the skin is considered to be near saturation and the resistance of the skin of the feathered areas to water vapour transfer ($r_{v_{sf}}$) has been neglected.

Similarly to what it was expressed for the latent heat transfer from the bare appendages, λE_{b_c} can be estimated according to equation 8.12.

$$\lambda E_f = \rho c_p \frac{(e_{s_f} - e_a)}{\gamma r_{v_f}} \tag{8.12}$$

8.4. Conclusions

This chapter has shown a parsimonious analysis of the thermal properties of a

broiler chicken and the thermoregulatory mechanism it uses to modify them. The process consists of three very clear steps: the compartmentalisation of the animal surface into interfaces, the representation of the thermal properties of each interface following the multilayer and the electric circuit models, and the representation of the thermoregulatory mechanisms in the form of mathematical equations.

Although care was taken in obtaining a model as balanced and accurate as possible, there is a series of unavoidable circumstances that may affect, to a certain extent, the reliability of the simulations.

In the first instance, empirical equations accounting for the behaviour of T_{s_a} in respect of T_{ef} as well as those describing the relationship between the resistance to water vapour transfer of the boundary layer of the anterior respiratory tract (r_{v_r}) and the value of respiratory rate (RR) (discussed in Chapter 5) have been utilised. Such procedures introduce an undesirable but unavoidable dependence of the model on circumstantial interactions between broiler and environment. This fact, which in many ways is objectionable from the deductive point view of a deterministic mind, is somehow testimony to the undeniable earthly limitations of the human mind as a "life" generator and of the dull mathematical skills of this author.

The incorporation of empirical equations reduces that "universality" of the model, as proclaimed by von Bertalanffy (von Bertalanffy, 1977; Dawson, 2007). In a more practical sense, this implies the need for periodic updates of the statistical relationships to account for phenotypic changes. Additionally, this approach needs various experimental determinations to account for different degrees of maturity and dissimilar experimental situations.

In any case, the experimental determinations to revise those equations still demands less effort and resources than the empirical characterisation of the thermal interaction

between broiler and surrounding environment.

Another factor that may affect the consistency of the simulations is the ill-definition of some parameters and variables. One of the main factors affecting the heat loss from a broiler chicken is the thermal resistance of the feather coat to heat transfer (r_c). Unfortunately, no representative values have been found in the literature. The degree of imprecision introduced by this uncertainty may seriously affect the final predictions of the model reported in Chapter 9. This takes us to the last factors that may act against the final simulations: assumptions.

Applying Occkam's Razor implies not only removing what is superfluous, but also entails making assumptions about certain properties of the system. For example, we assumed that the feathered body is a multilayer sphere and that skin is normally close to saturation. Assumptions of this nature may negatively affect the representativeness of the model and the reliability of its estimations. It seems that, in a way, one should always find a middle point between universality and reliability of the results. It is like tossing a coin in which these two properties are placed on the opposite faces; the best I can get of both is a 50:50 ratio.

In spite of the negative impact of those factors described in the previous paragraphs, they are unavoidable consequences of reality being simplified, and one should learn to live with these. In fact, the analysis of the thermoregulatory abilities of a chicken performed in this chpater is a concise and elegant description of reality.

In Chapter 9, the different aspects of the chicken modelled in this chapter are integrated together with the equations representing the environmental conditions (Chapter 4) and those for least thermoregulatory effort (Chapter 6). The objective: to simulate how a bird responds to environmental perturbations above least thermoregulatory effort.

A simulation model of the responses of a chicken to thermal perturbations above LTE [54]

9

« Co l'a astuzzia... co l'arguzia...
Col guidizio... col criterio...
Si potrebbe... il fatto è serio...
Ma credete, si farà »[55]

Wolfgang Amadeus Mozart (1786)
"Le nozze di Figaro" (K. 492) (Atto 1)

9.1. Introduction

Previous chapters of this thesis have presented parsimonious, deterministic models of the environmental conditions as well as of thermal properties and the thermoregulatory capacity of broiler chickens. In this chapter, they are integrated in order to simulate the thermoregulatory responses to environmental perturbations.

A logical initial step is to model the conditions under which the bird is at least thermoregulatory effort (*LTE*) This is a necessary reference point to determine whether the conditions to which the bird is exposed are above *LTE*.

As a second step, the interaction between chicken and environment should be modelled

[54] *This chapter contains excerpts of tha papers by Blanco and Gous (2010c) and Blanco et al. (2004a, b)*
[55] *"With cunningness... with wit.../ with judgment... with criterion.../it will be possible... this is serious business.../but believe me, it will be done". Wolfgang Amadeus Mozart (1786) "The Marriage of Figaro" (K. 492) (Act 1).*

to be able to estimate the physiological outcome after the exposure to conditions above LTE. In other words, the model should be able to determine whether the bird successfully copes with the heat load imposed by the environment.

As discussed in Chapter 7, the time of exposure to a given thermal treatment has an important impact on the outcome of thermoregulation. Even thermoregulatory responses that initially are considered successful (i.e. when the bird is able to achieve a new steady state) may have undesirable consequences when sustained for long periods of time. Therefore, the inclusion of time as a variable is mandatory.

Based on these basic premises, the following sections describe a dynamic, deterministic, parsimonious model for estimating the responses of an isolated adult broiler chicken to environmental perturbations above conditions leading to least thermoregulatory effort.

9.2. Simulation model to estimate the value of TNT

As expressed in Chapter 6, TNT is the value of T_{ef} at which the bird is under at LTE. Its estimation is essential if the effect of the environment on the thermal balance of the bird is to be modelled.

9.2.1. The variability of TNT

Since the thermal properties of the bird determine the rate of heat dissipation to the surrounding environment, it is not sensible to assume the existence of a single value of TNT. A model to estimate TNT should have a structure that, although general, allows for accounting of at least some of the following factors.

Thermal properties of the bird affecting the value of TNT

The thermal properties of birds are mainly the result of given anatomical peculiarities affecting the heat and moisture exchange between the bird and its surroundings.

Those properties, far from being constant, present variations between species, among individuals of the same species and even throughout the life of the same bird.

An extreme example would be the featherless chicken developed by Avigdor Cahaner and his team (Cahaner *et al.*, 2003). The complete exposure of the skin increases the value of TNT for these chickens, allowing them to withstand extreme environments.

A more familiar case is the reduction of the value of the resistance of the feather coat to heat and water vapour transfer experienced by laying hens due to moulting or damage of plumage. These birds have been reported to increase their metabolic rate and increase food consumption under environmental conditions at which chickens with intact feather coats show signs of being at LTE (Richards, 1977).

A third and final example would be the apparent capacity of pigeons chronically exposed to extreme environments to increase the number of blood vessels and the tissue permeability to water in the skin of their bare appendages (Marder, 1983). The modification of the thermal properties during acclimation to hot environments shifts the value of TNT upwards.

Management procedures affecting the value of TNT

Some management procedures may change the value of TNT, for example the type of feed the bird consumes. Feeds producing significant caloric increments may result in a reduction of TNT.

Stocking density in a broiler house is also another source of variation of

TNT. When the surface of the bird is in direct contact with other birds, there is a reduction in the surface area that the animal can use to dissipate heat. This would result in a reduction of TNT value.

9.2.2. Mathematical expression of TNT

In Chapter 8, the effect of the thermal properties of the bird on the total heat dissipated per unit of time was studied. According to Equation 8.1 the sensible heat loss from the feathered areas of the body (H_{b_c}) is directly proportional to the thermal gradient between the core and the micro-environment and inversely proportional to the serial thermal resistances to sensible heat transfer through feather coat and boundary layer (r_c and r_{HR}, respectively), ignoring the effect of the skin resistance (r_s), which in this case is considered to be zero (Fig. 8.4).

As explained in Chapter 7, a bird at TNT is able to dissipate all the heat produced per unit of time (M). Calculating the value of H_{b_c} at least thermoregulatory effort (H_{TNT})[56], Equation 8.1 could be algebraically manipulated in order to obtain the mathematical expression for TNT presented in Equation 9.1.[57]

$$TNT = T_b - \left(\rho c_p\right)^{-1} (r_c + r_{HR}) H_{TNT} \qquad (9.1)$$

where ρc_p is the volumetric heat capacity of the air.

Equation 9.1 gives an incomplete estimation of TNT. It excludes the thermal and thermoregulatory properties of the bare appendages, especially the value of r_{s_a}. As expressed in Equation 8.3, the sensible heat loss from the bare appendages (H_{b_a}) is directly proportional to the thermal gradient between the skin surface and the surrounding environment and inversely proportional to the serial arrangement of

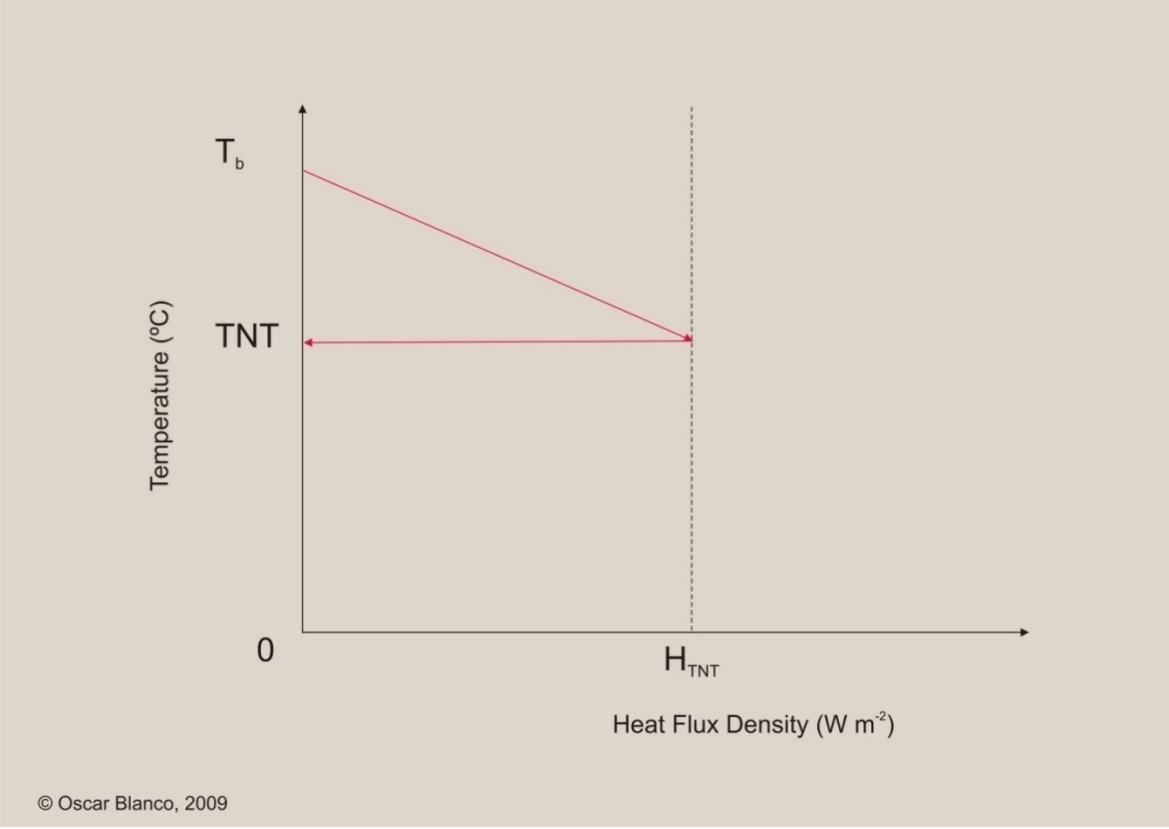
[56] *The estimation of H_{TNT} is done by subtraction λE from the value of M. The representation of λE is discussed later in this chapter*

[57] *Equation 9.1 clearly shows a particular value of T_{ef} at which the animal is at least thermoregulatory effort*

the thermal resistances to sensible heat transfer though the skin and the boundary layer (r_{s_a} and r_{HR_a}, respectively). Considering that this series is laid in parallel with the one of the feathered areas, Equation 9.1 can be modified to account for the effect of H_{b_a} on the value of TNT (Equation 9.2)

$$TNT = T_b - \left(\rho c_p\right)^{-1}\left[\left(r_c + r_{HR}\right)^{-1} + \left(r_{s_a} + r_{HR_a}\right)^{-1}\right]^{-1} H_{TNT} \qquad (9.2)$$

Equation 9.2 seems to be a more realistic expression of TNT, however it does not withstand a thorough analysis. The estimations of TNT obtained with this equation were much higher than the values expected and slightly lower than T_b. Taking into account that the values of ρc_p and H_{TNT} were carefully chosen, it was obvious that Equation 9.2 overestimates the effect of the total thermal resistance of the bird. A closer examination revealed that this equation mistakenly assumes that the two serial groups of resistances act uniformly all over the body or, at least, they act in parallel surfaces of identical area. Considering that even at LTE the value of r_{sa} is far



lower than the value of r_c, Equation 9.2 implies that the bird would be prone to dissipate immense amounts of heat. In that way, the animal will be at LTE only at T_{ef}close to T_b.

Figure 9.1. *Representation of TNT in a Temperature vs. Heat Flux Density diagram (after Monteith*

and Unsworth, 1990)

A possible solution was to introduce multipliers accounting for the proportional effect of those groups of serial resistances on H_{TNT}. For a given series of resistances, the value of the parameter symbolizes the proportion of the total surface area represented by the area in which those resistances control the heat exchange. In that way, the group of resistances of the bare appendages was multiplied by the factor 0.15 and the series of thermal resistances of the feathered body was multiplied by the factor 0.85. This procedure was later found to be similar to that proposed by Bakken (1981). Equation 9.2 has been modified, according to these premises, to obtain Equation 9.3.

$$TNT = T_b - \left(\rho c_p\right)^{-1}\left[0.85(r_c + r_{HR})^{-1} + 0.15\left(r_{s_a} + r_{HR_a}\right)^{-1}\right]^{-1} H_{TNT} \qquad (9.3)$$

Figure 9.1 shows the diagrammatic representation of Equation 9.3 in a temperature-heat flux density diagram.

9.2.3. Iterating equations for estimating the value of TNT

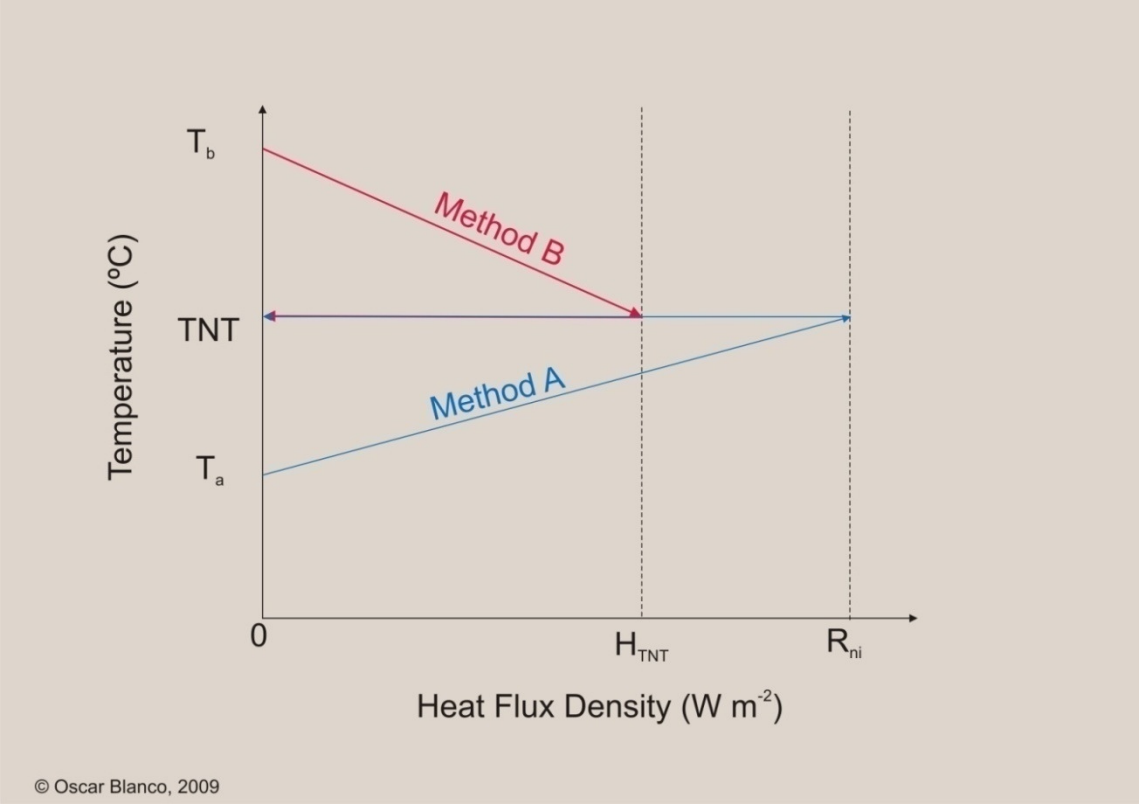


Figure 9.2. *Temperature vs. Heat Flux Density diagram showing the two possible methods to estimate TNT (A and B).* R_{ni}*: Isothermal net radiation.*

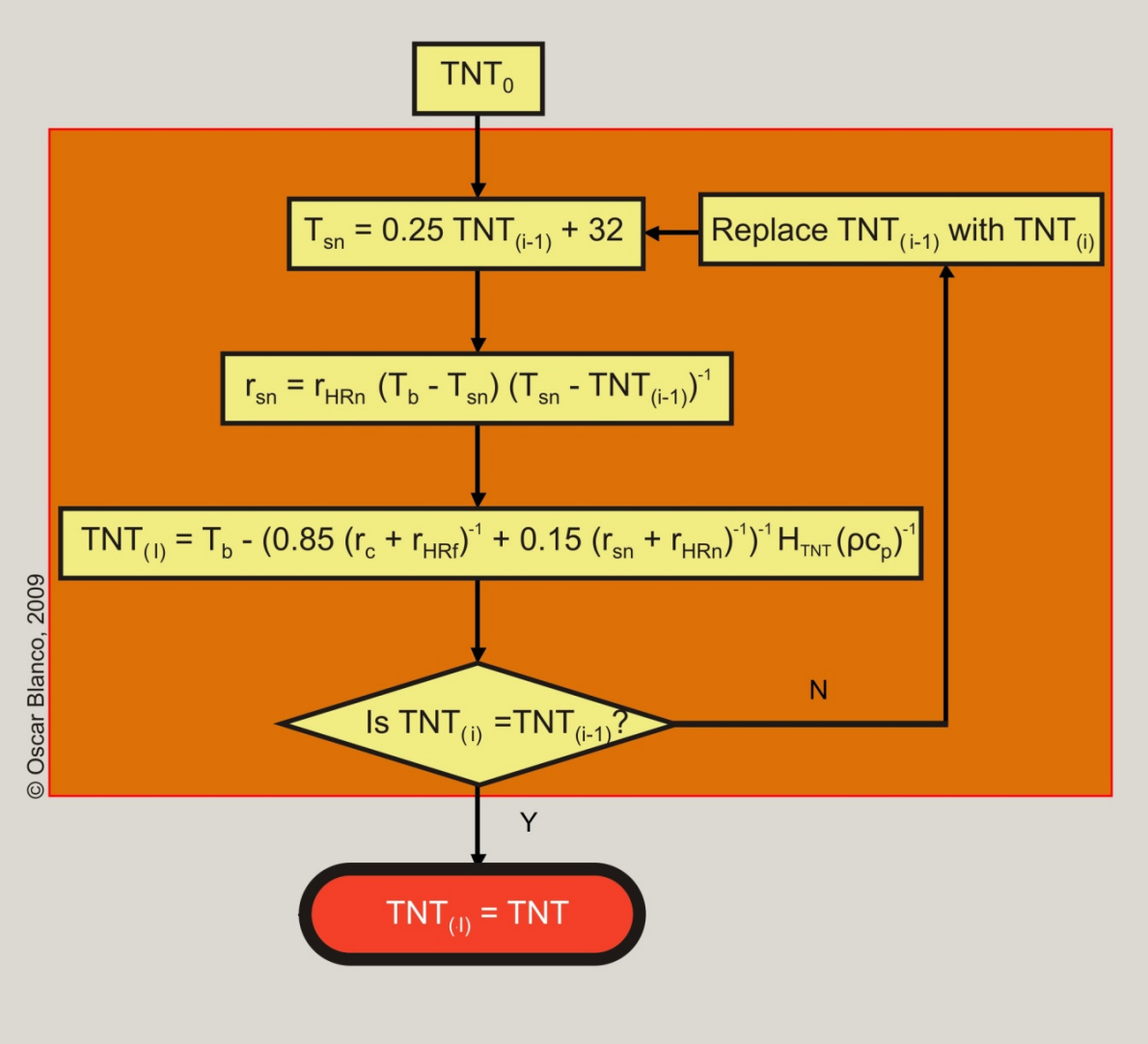
The problems found when including r_{s_a} in Equation 9.3 have helped this author to realise of the tremendous impact that r_{s_a} has on the value of TNT. Despite its relevance, it has been impossible to find published values of r_{s_a} for broiler chickens, probably due to its inherent variability. Even if those values were found, they would have been almost meaningless due to the instability of this variable. It thus became necessary to create a method to estimate TNT and r_{s_a} for any type of chicken and under almost any circumstance.

There are two possible ways to estimate a value of T_{ef}. The first method (A) is based on the properties of the boundary layer and on the environmental conditions, whilst the second method (B) considers the thermal properties of the chicken and the sensible heat exchange between bird and environment (Fig. 9.2).

Method A, although uninfluenced by the variability of r_{s_a}, does not include H_{TNT} or any other indication that the bird is at LTE state. Therefore, the estimation should follow method B.

As stated in Chapter 8, the exposure of a bird to different values of T_{ef} induces (through vasomotor action) changes in the skin temperature of the bare appendages (T_{s_a}). That relationship, expressed in Equation 8.4, applies to the specific case of TNT. Simultaneously, Equation 8.7 (Chapter 8) shows that T_{s_a} is necessary to estimate r_{s_a}. Finally, Equation 9.3 for the estimation of TNT through method B shows that r_{s_a} determines the value of TNT.

This "vicious cycle" is a system of three equations (8.4, 8.7 and 9.3) with two unknowns (T_{s_n} and r_{s_n}), in which the estimation obtained in a given equation



feeds the next one. This means that if an approximate value of one of the unknowns is inputted in the equation system, then a solution can be found by following the cycle of calculations as many times as necessary to stabilise the value of the estimates. This process, called iteration, is possible thanks to the interdependence between the equations of the system, which in a way functions as a buffer, taking the system to a new state in which the differences are reduced.[58]

[58] *It is extremely interesting to see that the views of Recordati and Bellini (2004) are applicable even to explain*

Figure 9.3. *Diagrammatic representation of the iteration process for the estimation of TNT. TNT_0: Approximate value of TNT needed to start iteration cycle; TNT_i: TNT estimated at the end of the i^{th} iterating cycle; TNT_{i-1}: TNT estimated in the iterating cycle previous to i^{th} cycle. The orange area shows the equations involved in the iteration process.*

As shown in Figure 9.3, the iteration cycle starts by choosing a value TNT_0 close to the value expected to be the real TNT, which is used to calculate the skin temperature of the bare appendages (T_{s_a}) (Equation 8.4). Estimations of T_{s_a} and TNT_0 are used to calculate r_{s_a} using Equation 3.6. Finally, the estimation of r_{s_a} is used in Equation 5.3 to obtain a value for $TNT_{(i)}$ which is the value at the end of the i^{th} cycle of iteration. The value of $TNT_{(i)}$ is compared to the value of TNT of the previous iteration cycle ($TNT_{(i-1)}$). If $TNT_{(i)} = TNT_{(i-1)}$ then TNT_i is the sought value of TNT for that chicken. Otherwise, $TNT_{(i)}$ replaces $TNT_{(i-1)}$ in the estimation of T_{s_a} and r_{s_a} in the next cycle.

9.3. Simulation of thermoregulatory responses to environmental conditions above TNT

9.3.1. Estimation of the sensible heat flux at T^*_{ef} (or H^*)

Considering the idea of a unique value of T_{ef} at which the bird is at least thermoregulatory effort (or TNT), then for any particular value of T_{ef} (or T^*_{ef}) higher than TNT, the value of H (or H^*) would be lower than H_{TNT}. The reduction in H may have very important physiological consequences for the bird, for which the magnitude of H^* should be quantified if the effect of the environment is to be estimated.

In this project, the estimation of the environmental effect starts with a comparison between H_{TNT} and H^* (Fig. 9.4). Figure 9.4 shows a combination of

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the iteration process necessary to find a solution to a system of equations.

the graphical determinations of T_{ef}^{*} based on Figure 4.3 (Chapter 4) and of TNT based on Figure 9.1.

Analogous to the graphical determination of TNT (Fig. 9.1), which is basically the temperature obtained by intersecting the line representing Equation 9.3 with the vertical line representing H_{TNT}, the value of H^{*} can be determined by the intersection of the line for Equation 9.3 and the horizontal line passing through T_{ef}^{*} (Fig. 9.4).

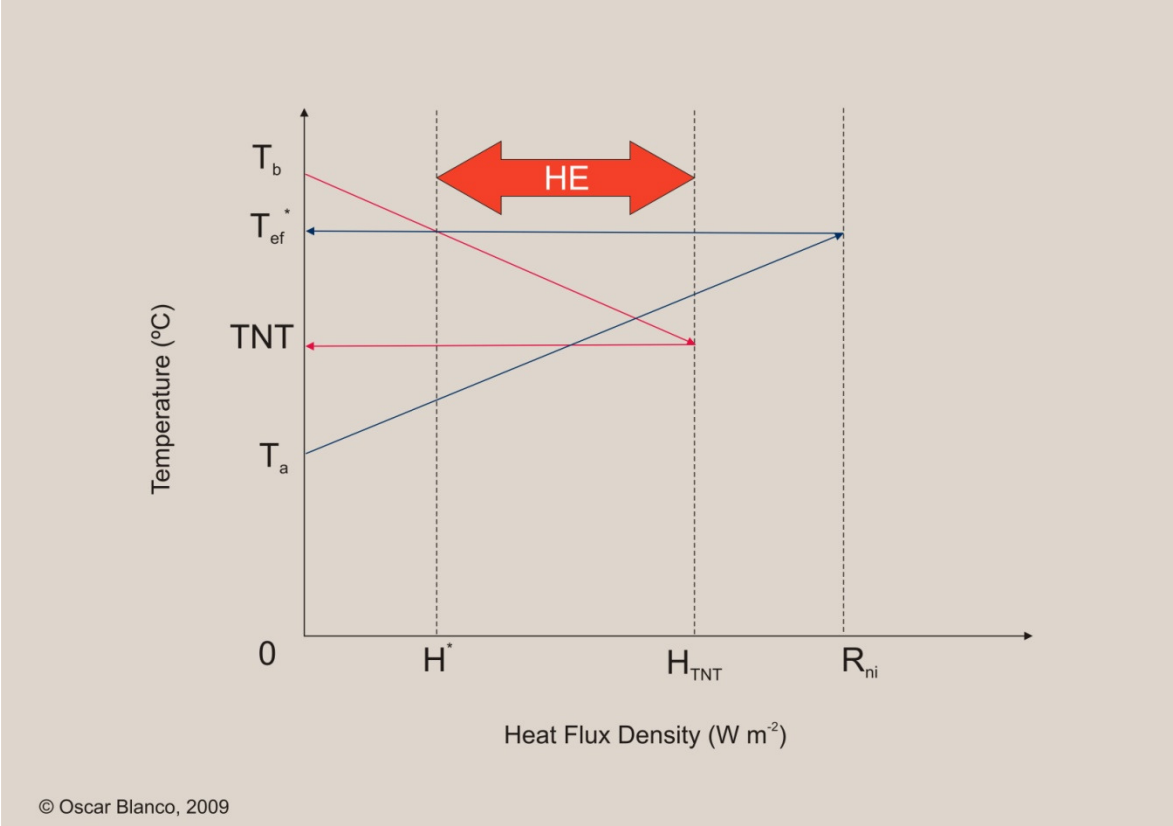

Figure 9.4. *Temperature vs. Heat flux density diagram showing H^{*} and HE for a value of T_{ef}^{*} higher than TNT.*

The mathematical expression of H^*, presented as Equation 9.4, was derived after replacing TNT by T_{ef}^* in Equation 9.3.

$$H^* = \rho c_p \left(T_b - T_{ef}^*\right) \left[0.85(r_c + r_{HR})^{-1} + 0.15\left(r_{s_a} + r_{HR_a}\right)^{-1}\right] \qquad (9.4)$$

Subtracting the value of H^* from H_{TNT}, the heat excess (HE) that the broiler should dissipate by evaporation is obtained (Fig. 9.4). If the bird is able to completely dissipate HE by passive evaporation, no heat is stored in the body and no modifications of physiological variables are verified. If HE is not completely dissipated, then heat is stored in the body (S), modifying T_b and related variables as well as the activation of thermoregulatory mechanisms, mainly active evaporative heat loss. This situation has then two possible outcomes. If the thermoregulatory mechanisms are successful, T_b and associated physiological variables are stabilised in a new homeostatic steady state. Contrarily, if the thermoregulatory capacity is overwhelmed, then the physiological parameters may achieve values incompatible with life.

In the next section, the representation of the sequence of activation of thermoregulatory mechanisms is discussed in more depth.

9.3.2. Cyclical patterns accounting for time dependence

As stated above, a broiler at TNT is able to completely dissipate M. Consequently, neither heat excess (HE) nor heat storage (S) are verified[59]. For any $T_{ef}^* > TNT$, the sensible heat flux at that T_{ef}^* is lower than the sensible heat flux at least thermoregulatory effort ($H^* < H_{TNT}$) resulting in $HE > 0$. In order to

[59] *In the body of a bird at LTE, there is constant amount of heat responsible for the value of T_b. The constancy of that value is possible thanks to a constant heat output that is equal to the production rate (M). This is different to the concept of heat storage (S), which is the accumulation of heat in the body due to a reduction of the heat output with a sustained M. In both cases the amount of heat in the tissues can be translated into a value in a thermal scale, but in the case of $S > 0$ there is an elevation of T_b.*

avoid an uncontrolled increase in body temperature, the bird should dissipate that HE in latent form from the respiratory tract (λE_r).

According to Equation 5.5 (Chapter 5), the capacity of respiratory evaporative thermoregulation depends directly on the vapour pressure gradient between inhaled air and the mucous membrane of the upper respiratory tract and is inversely proportional to the resistance to water vapour transfer through the boundary layer recovering that surface (r_{v_r}). As stated in Equation 5.4 (Chapter 5), r_{v_r} is inversely proportional to RR, so that λE_r increases as RR rises. Considering that RR is directly proportional to the value of T_b (Chapter 5), then part of that HE should be stored in order to induce the necessary polypnoea. Once again this refers to that fine balance that the bird should achieve by partially compromising the value of T_b in order to avoid a major homeostatic imbalance.

As explained in Chapter 7, that new homeostatic state can be achieved only if the increase in λE_r can counteract the value of HE. Otherwise, T_b would continue increasing until RR reached its upper physiological limit. After that, thermoregulation collapses, compromising the life of the bird.

The elevation in T_b helps to achieve the new homeothermic state not only by increasing λE_r, but also by taking the thermal gradient between T_b and T_{ef}^* ($\Delta T_{(b-ef)}$) to values closer to $\Delta T_{(b-ef)}$ at TNT. In this way the bird keeps H^* close to the sensible heat output at least thermoregulatory effort (H_{TNT}). Evidently, this will only be possible if T_{ef}^* is lower than T_b.

With the objective of modelling the dynamics of the process of attempting to achieve the new homeostatic state, the thermoregulatory processes can be ordered in two different cycles. The first one pertains to the elevation of the RR

the concomitant increase of λE_r, both aiming at reducing HE in environments in which H is impeded. The second cycle involves the response of the increase of $\Delta T_{(b-ef)}$ in response to values of $T_{ef}^{*} > TNT$, trying to take H to values close to H_{TNT} in order to reduce HE

Both cycles were included in the model in the form of feedback loops, in which the physiological variables calculated at the end of each cycle were used as input in the following loops of simulation. In the correct time frame, those loops give the model the required dynamic nature. The next section deals with the process followed to define the unit of time and the duration of each cycle.

9.3.3. Unit of time and length of the simulation cycle

In order to give the model dynamic properties, cyclical estimations are used, as previously explained. It was then necessary then to define the duration of each simulation loop and the unit of time to be used for expressing that duration.

The first condition to consider when determining the length of the cycle was that *the duration of the cycle should allow for a realistic representation of the physiological responses*. An excessively long period of time between two simulated values could hide variations occurring in a time shorter than such interval. This may possibly lead to misconstruction of the behaviour of the variables involved in the thermoregulatory process. Additionally, the introduction of short simulation periods would additionally result in more realistic estimates of the variables (translated into more realistic output curves). Therefore, it was agreed that a simulation cycle had to be of short duration; if possible, not longer than a few seconds.

Secondly, since the heat flux density is expressed in W m^{-2} (i.e. J s^{-1} m^{-2}), the utilization of cycles of simulation with duration longer than 1 s would

complicate the calculations and the comprehension of the model output. A length of 1-sec was thought to be most appropriate.

Finally, a project proposal to be pursued in the future aims at developing a model to estimate the variation of the parameters of a mass of air travelling throughout a broiler house. With that purpose, the house has been divided in sections of length equal to the distance (in m) that such a mass of air would advance per second. Considering that the model analysed here will be used to estimate the heat load in the model of the house, the utilization of 1 s cycles was considered to be a sensible choice.

9.3.4. Structure and operation of the model

The simulation model reported here is able to estimate the variations in HE and S and their effects on the physiological parameters T_b and RR for a broiler exposed to values of T_{ef}^* above TNT.

The simulations assume a chicken initially at TNT that is suddenly exposed to a given thermal treatment. Those environmental conditions are kept constant throughout the entire simulation period.

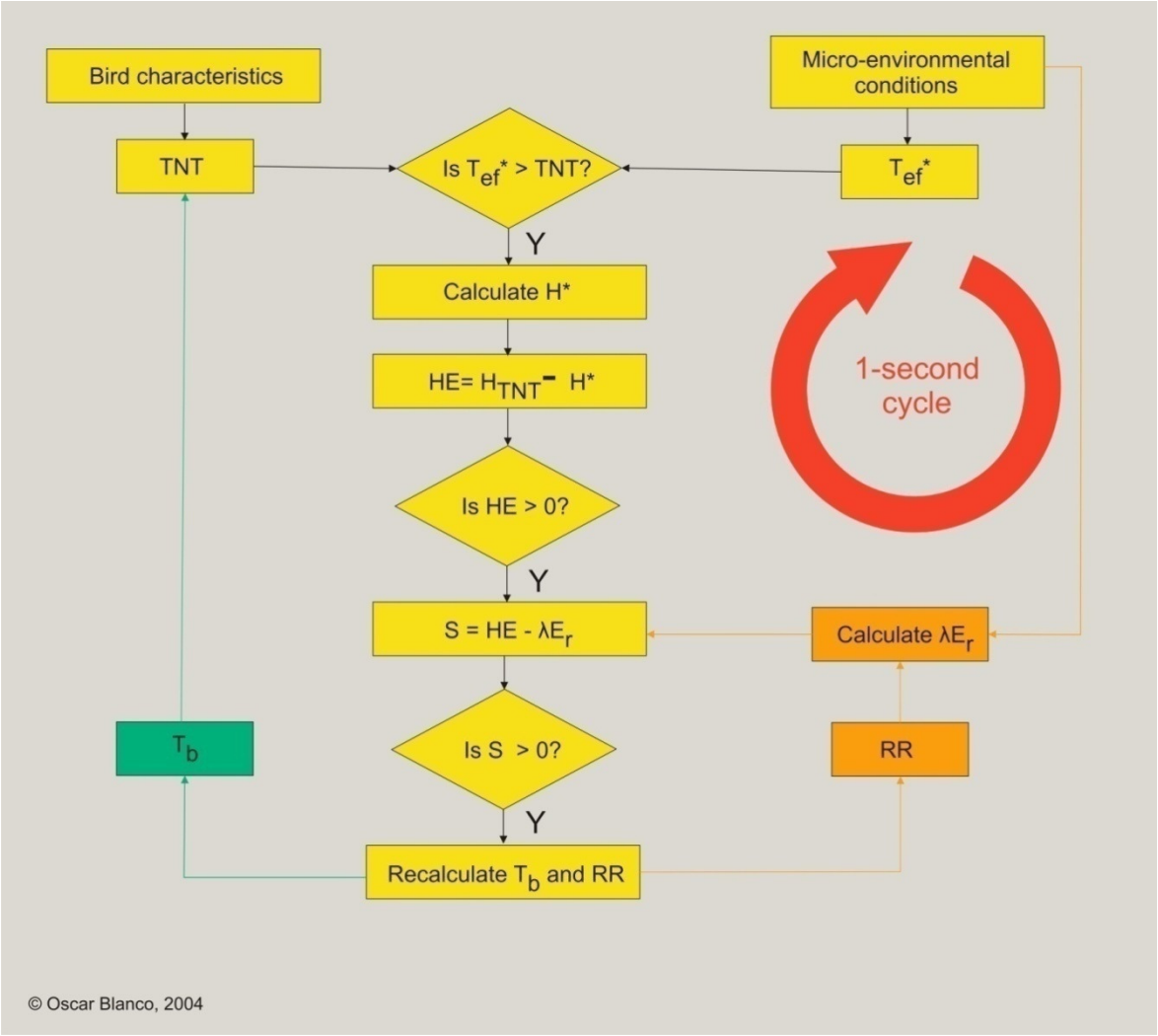

Figure 9.5. *Flow chart showing the cyclical arrangement of the calculations in the model. The yellow boxes show the common trunk of the model. The loop for maintenance of the thermal gradient between body temperature (T_b) and effective temperature (T_{ef}^*) (in green), as well as the loop accounting for an increase of heat loss from the respiratory tract (λE_r) (in orange) branch from the main trunk. TNT: Thermoneutral Temperature; H^*: Sensible heat loss at T_{ef}^*; H_{TNT}: Sensible Heat loss at TNT; H: Heat excess; λE_r: Evaporative heat loss from the respiratory tract; S: Heat storage; RR: Respiratory rate (taken and modified from Blanco et al., 2004 b).*

The sequence of calculations performed during the simulation of the effect of the micro-environment on the heat balance and physiological parameters of a broiler is represented in Figure 9.5.

In each simulation loop the model firstly compares the value of T_{ef}^{*} with the estimated value of TNT (Section 9.2.3). For values of T_{ef}^{*} above TNT, the value of H^{*} is calculated. In a following step, the model estimates the HE by subtracting H^{*} from H_{TNT} and compares it with the capacity of the chicken to dissipate heat from the respiratory tract (λE_r). If λE_r is higher than or equal to HE, the model considers that the bird is able to dissipate HE completely. If λE_r is lower than HE, the positive difference between these two parameters is regarded as heat storage (S). Considering the specific heat capacity of the tissues, S is translated into a thermal increment that is added to the initial value of T_b (or $T_{b_{(i)}}$), which results in a new value of $T_{b_{(i+1)}}$. This section of the model is common to both simulation loops (Fig. 9.5).

The obtained value $T_{b_{(i+1)}}$ is used in both loops. It is input for Equation 5.12 in order to estimate the new value of RR ($RR_{(i+1)}$) and the value of $\lambda E_{(i+1)}$. Simultaneously, $T_{b_{(i+1)}}$ is used to estimate once again the value of TNT and its effect on $H_{(i+2)}^{*}$. This last procedure has nothing to do with the change in the value of TNT, which is unique for a broiler of given characteristics[60]. Far from this, it represents the new way in which the bird experiences the environment based on the heat load imposed on the bird. The bird should maintain the gradient $\Delta T_{(b-ef)}$ with that new value of TNT in order to ensure an acceptable level of H^{*}.[61]

[60] *Perhaps the name of the parameter should changed for a more general one*

[61] *Interestingly, if the variation on TNT vs. time can be characterised, then it may be a starting point to develop a time based equivalent temperature.*

This feedback layout attempts to emulate the dynamics of the thermoregulatory process, in which the achievement of a new thermal state occurs when the thermoregulatory mechanisms are capable of counteracting HE. The elevation of T_b would account for that proposed elevation of the thermal gradient between core and surrounding air, whilst the elevation of RR may help to reduce HE by increasing λE_r.

The structure of the loops is the same during the entire simulation period, except for the first cycle. At the starting point of the simulation ($t = 0$ s), the broiler is considered to be at thermoneutrality. During the first loop of simulation ($t =$ 1s), the values of the physiological variables at thermoneutrality are maintained, in order to allow the model to generate a thermoregulatory response. The differential redistribution of blood flow is also considered to occur from the second loop of simulations. The first cycle, therefore, is regarded as the *seed* of the model.

It is acknowledged that the application of an instantaneous response to a sudden exposure to a thermal treatment (especially concerning RR and differential blood redistribution) could be controversial, mainly when working with such minimal simulation intervals. Perhaps the thermoregulatory response is initiated only after a delay of, say, five or ten minutes after exposure, instead of appearing in $t = 2$ s. In this version of the model the immediate response is tested, but it could be modified in the future if experimental data indicate that the duration of the lag-period for thermoregulatory responses is greater than 1 s.

9.4. Summary

This chapter has described a simulation model to estimate the effect of thermal treatments above TNT on physiological parameters of broiler chickens.

The first step in the model estimates the value of TNT based on the thermal properties of the bird. Due to the dependence of TNT on the extremely variable value of the thermal resistance to heat transfer through the skin of the bare appendages, r_{v_r} it is modelled by following an iteration process.

Once the value of TNT is found, the model compares it with a given thermal treatment (T_{ef}^{*}). For all the situation above TNT, the model is able to estimate the value of heat excess (HE) and of heat storage (S), "triggering" the thermoregulatory mechanisms necessary to preserve the constancy of the internal medium.

In order to introduce in the model the dynamic nature of the thermoregulatory responses in the bird, the mathematical expressions of the thermoregulatory responses have been arranged in a cyclic manner. The linkage of two cycles have been done using the value of T_b obtained at the end of the first cycle as input for the second cycle. Reiterating these cyclical simulations at 1-s intervals has been considered quite a good approximation to the sought dynamism of the response.

In the next chapter a simulation is presented that serves as an example of the model described above. In the analysis of this simulation, the ability of the cyclical structure to represent the dynamic nature of the thermoregulation process in broilers is discussed.

Simulating environmental perturbations and the responses of the bird [62]

10

"Che invenzione prelibata!
Bravo, bravo, in verita'!
Bella, bella, in verita'!"

Gioachino Rossini (1816)
Il barbiere di Siviglia (Atto I)[63]

10.1. Introduction

This chapter presents some simulation exercises performed with the model described in Chapter 9.

The first part of this chapter explores the concept of effective temperature (T_{ef}) as a form of equivalent temperature. The effect of the different environmental variables affecting the final value of T_{ef} is analysed, with special emphasis on u.

The second part of this chapter analyses the representativeness and problems of estimating TNT when using the model presented in Chapter 9.

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[62] *This chapter contains excerpts from the paper Blanco and Gous (2010c).*
[63] *"What a delicious invention, certainly good, beautiful indeed!"Gioachino Rossini (1816), The Barber of Seville (Act I).*

The final section deals with the estimation of the thermoregulatory responses of a broiler exposed to different environmental conditions.

10.2. Exploring the concept of effective temperature

The objective when utilising effective temperature (T_{ef}) is to estimate the environmental action on the chicken. It is obtained by considering the value of the different environmental conditions in the context of the boundary layer. In other words, T_{ef} renders a more sensible estimation of the heat load on the bird than that obtained by the simple consideration of the value of the environmental variables.

The expression of the conjoint effect of the environmental variables acknowledges that a given value of T_{ef} may be achieved by the combination of different values of each environmental variable.

This section consists of two parts. The first analyses the effect of R_{ni} and u on the value of T_{ef} experienced by the bird. The second reports two modelling exercises performed to further analyse the effect of u on the value of T_{ef} experienced by the bird.

10.2.1. Analysing the effect of different variables on T_{ef}

The modelling exercise reported in this section has been divided into two parts. The first part estimates the impact of different values of R_{ni} on T_{ef} by estimating the decrease in T_a needed to maintain a constant value of T_{ef} when R_{ni} increases. In the second part, a similar procedure is followed in order to estimate the impact of the variable u.

The constants, controlled variables and auxiliary variables used in this exercise are presented in Table 10.1.

Table 10.1. *Controlled variables and auxiliary variables used in exercise 1*

Constants	
ρc_p (J m^{-3} °C^{-1})[]	1220
r_R (s m^{-1})[]	250
Controlled variables	
First part	
W (g)	2000
u (m s^{-1})	0.1 (calm)
T_{ef}(°C)	21
d_n (m)	0.02
Second part	
W (g)	2000
R_{ni} (W m^{-2})	20
T_{ef}(°C)	21
Auxiliary variables ‡	
First part	
A_f (m^2)*	0.1628
d_f (m)¨	0.23
r_{H_f}(s m^{-1})§	462.24
r_{HR_f}(s m^{-1})♦	162.25
r_{H_n}(s m^{-1}) §§	137.01
r_{HR_n}(s m^{-1})♦	88.5
Second Part	
A_f (m^2) *	0.1628
d_f (m) ¨	0.23

[]*Monteith and Unsworth (1990)*

‡ *Auxiliary variables are those dependent on the controlled variables that need to be calculated in order to estimate the value of* r_c.

Calculated using the allometric relationship $A = W^{0.67}/1000$ *(After Calder and King, 1974).*

¨*Calculated based on the value of* A_f*, with the equation* $d_f = 2\sqrt{A_f/4\pi}$

§*Calculated using the equation* $r_{H_f} = 7.4\sqrt{d_f/u}$ *adaptation of equation 3.29 (after Campbell and Norman, 1990)*

♦*Calculated based on equation 3.9.1*

§§ *Calculated using the equation* $r_{H_f} = 7.4\sqrt{d_n/u}$ *adaptation of equation 3.29 (after Campbell and Norman, 1990)*

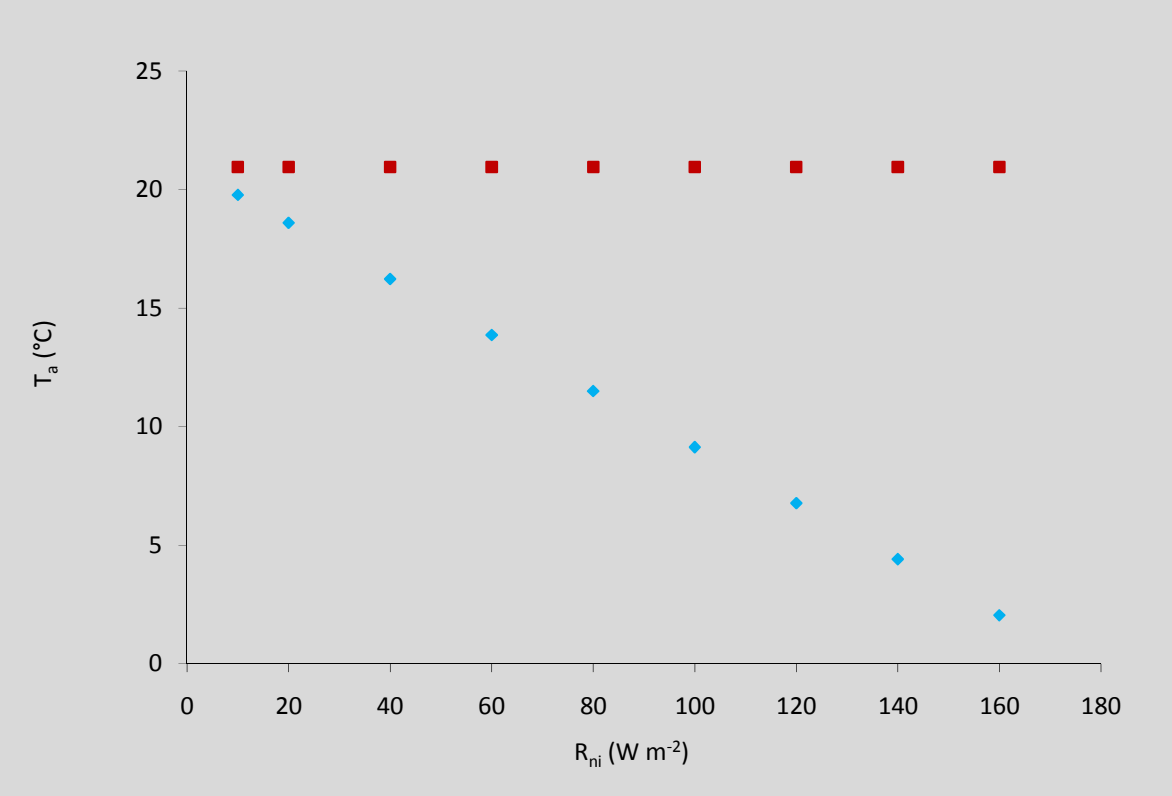

Figure 10.1. *Behaviour of* T_a (◆) *in response to increasing values of* R_{ni} *when the values of* T_{ef} (■) *and* u *are constant.*

The results of the first part of exercise 1 are shown in Figure 10.1. Clearly, in order to maintain the same value of T_{ef} with increasing values of R_{ni} whilst u is kept constant, the values of T_a should decrease. The behaviour of T_a is linear, which was expected due to the structure of the mathematical expression to calculate T_{ef} (Equation 4.12).

The effect of air speed on the value of T_a when the values of T_{ef} and R_{ni} were kept constant is shown in Figure 10.2.

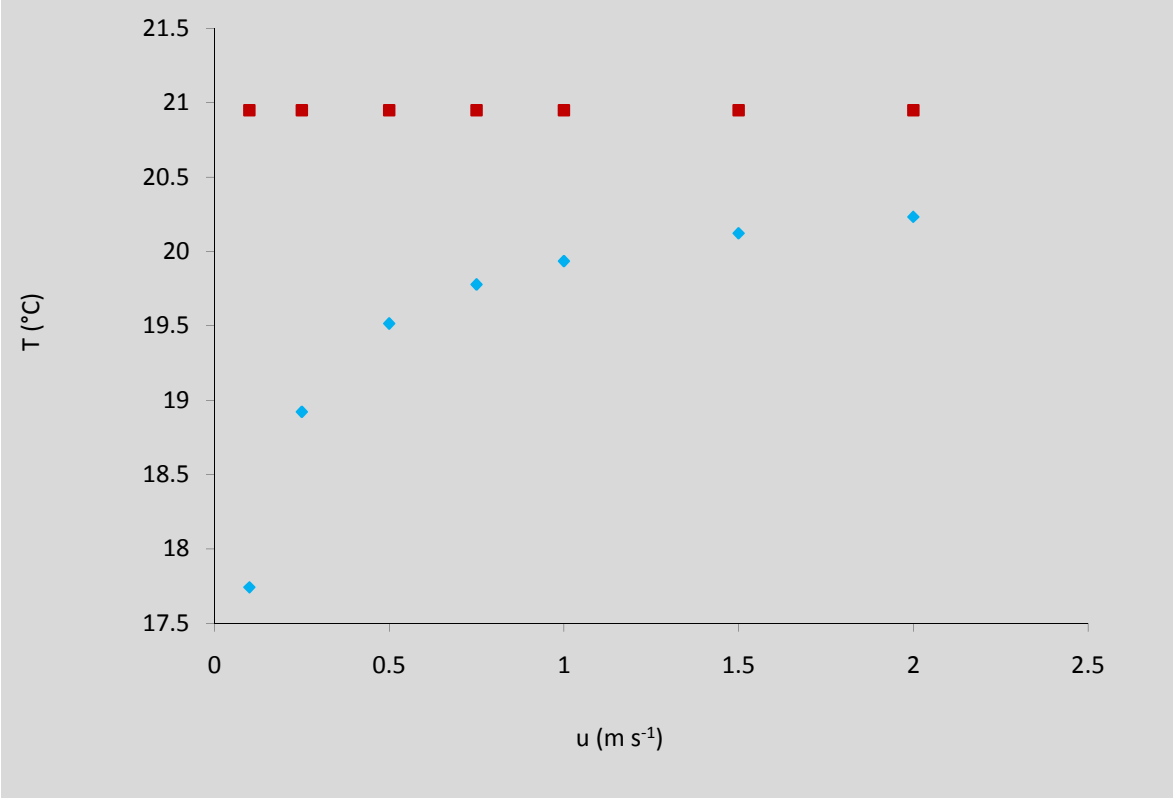

Figure 10.2. *Behaviour of T_a (◆) in response to increasing values of u, when the values of R_{ni} and T_{ef} (■) are constant.*

As expected, for increasing values of u it is necessary to supply the birds with increasing T_a in order to maintain a constant T_{ef}. Contrary to the previous exercise, the behaviour of T_a is asymptotic towards T_{ef}. This behaviour was suspected to be the result of the way in which u modifies the resistance to convective heat loss from the animal.

In order to characterise this pattern of behaviour, the thermal resistance to convective heat transfer through the boundary layer of the feathered areas (r_{H_f})

and of the bare appendages (r_{H_n}), as well as the total thermal resistance of the chicken to convective heat transfer (r_{H_T}) were plotted against u (Fig. 10.3).

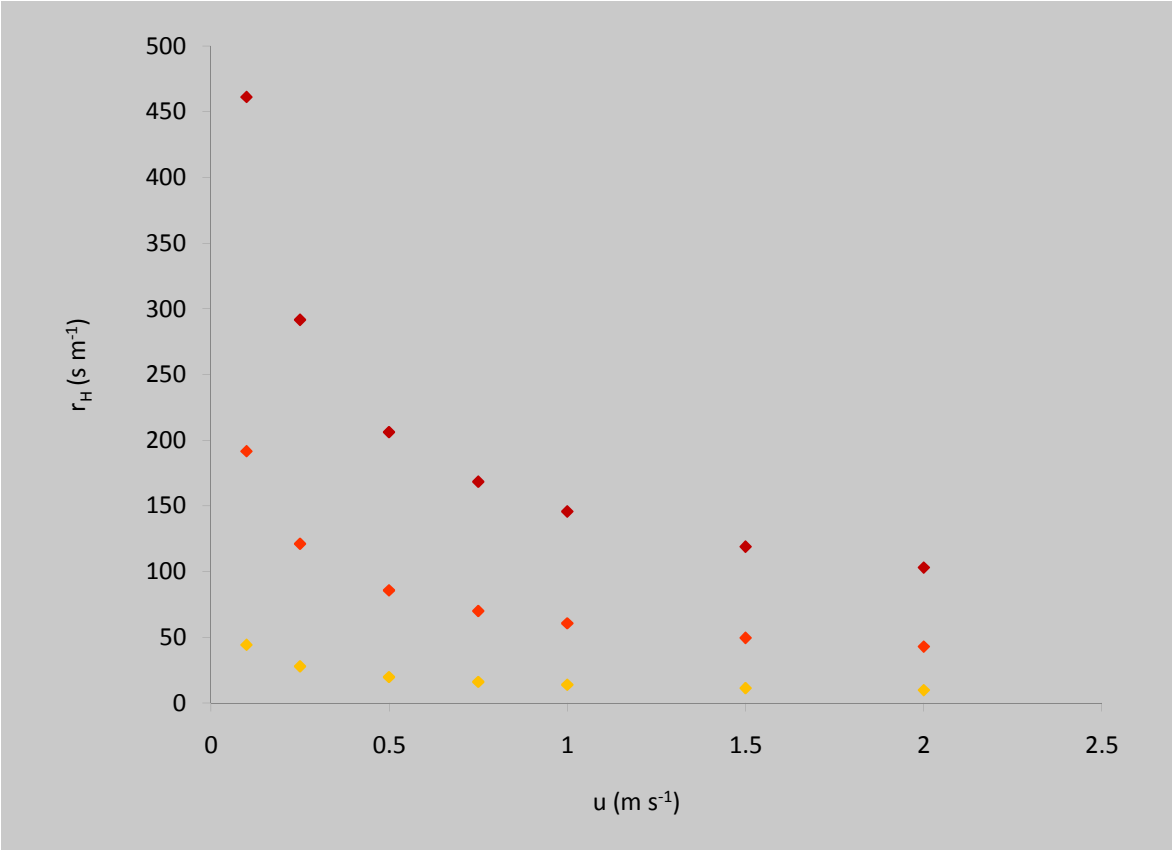

Figure 10.3. *Behaviour of r_{H_f} (◆), r_{H_n} (◆) and r_{H_T} (◆) for a 2000 g broiler chicken exposed to increasing values of u.*

The behaviour of variable $r_{H_T}$is asymptotic, with progressively lower values for higher values of u, which may explain the pattern followed by T_a.

Figure 10.3 presents two remarkable characteristics. Firstly, as expected, r_{H_T} has an intermediate value between r_{H_f} and r_{H_n}. Interestingly, although the feathered areas represent 85 % of the total surface area of the bird, the value of r_{H_T} is closer to the value of r_{H_n}than to $r_{H_f}$for all the values of u considered in this graph. This

shows the important role of the bare appendages in regulating the thermal balance of the bird.

Secondly, one can observe that the biggest changes in the value of the three resistances are evident at very low values of u. This pattern has been confirmed by continuing the estimations of r_H for values of u up to 100 m s^{-1} and calculating Δr_H for increments in air velocity of 0.5 m s^{-1} (Fig. 10.4). The major variations occur between absolute calm (0.1 m s^{-1}) and 3 m s^{-1}. Beyond those values, important variations of air speed are accompanied by very small changes in r_{H_T}.

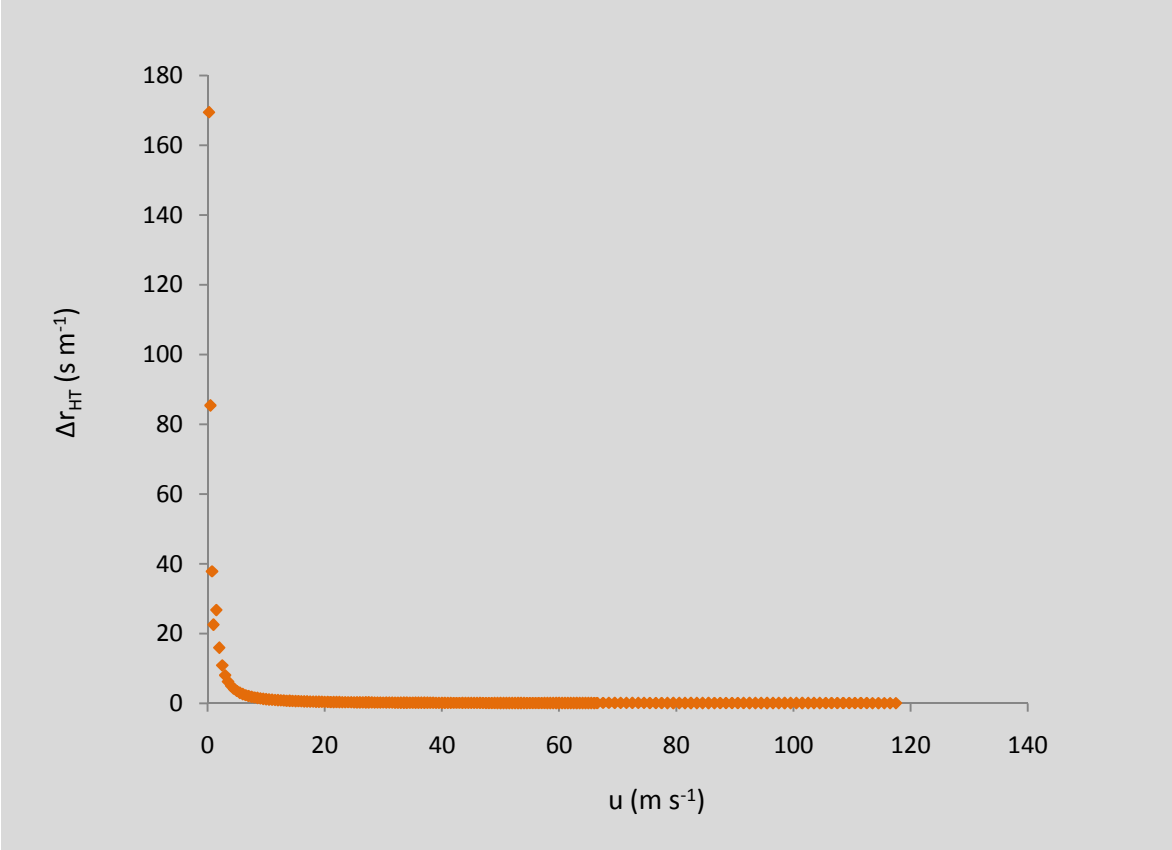

Figure 10.4. *Variation of r_{H_T} (Δr_{H_T}) for a 2000 g broiler chicken exposed to different values of u ranging from 0.1 to 100 m s^{-1} (in increments of 0.5 m s^{-1}).*

It is reasonable then to enquire about the real impact of the variation of r_{H_T}on

the total value of T_{ef}. This is analysed in more depth in the second and third exercises of this section.

10.2.2. Analysis of the effect of u on T_{ef}

In the second modelling exercise of this section, the value of T_{ef} was calculated for the same T_a considering three different levels of R_{ni} and u ranging from 0.1 m s^{-1} to 100 m s^{-1}. The constants and variables used in this exercise are presented in Table 10.2.

Table 10.2. *Constants and values used in exercise 2*

Constants	
ρc_p (J m^{-3} °C^{-1})[]	1220
r_R (s m^{-1})[]	250
Controlled variables	
W (g)	2000
T_a (°C)	20
Auxiliary variables [‡]	
A_f (m^2)[*]	0.1628
d_f (m)[¨]	0.23
Independent variables	
R_{ni_1} (W m^{-2})	20
R_{ni_2} (W m^{-2})	100
R_{ni_3} (W m^{-2})	200
u (m s^{-1})	$0.1 < u < 100$ (in 0.5 m s^{-1} intervals)

[‡] *Auxiliary variables are those dependent on the controlled variables that need to be calculated in order for the model to run.*

[] *Monteith and Unsworth (1990)*

[*] *Calculated based on the allometric relationship* $A = W^{0.67}/1000$ *(After Calder and King, 1974).*

[¨] *Calculated based on the value of* A_f*, with the equation* $d_f = 2\sqrt{A_f/4\pi}$

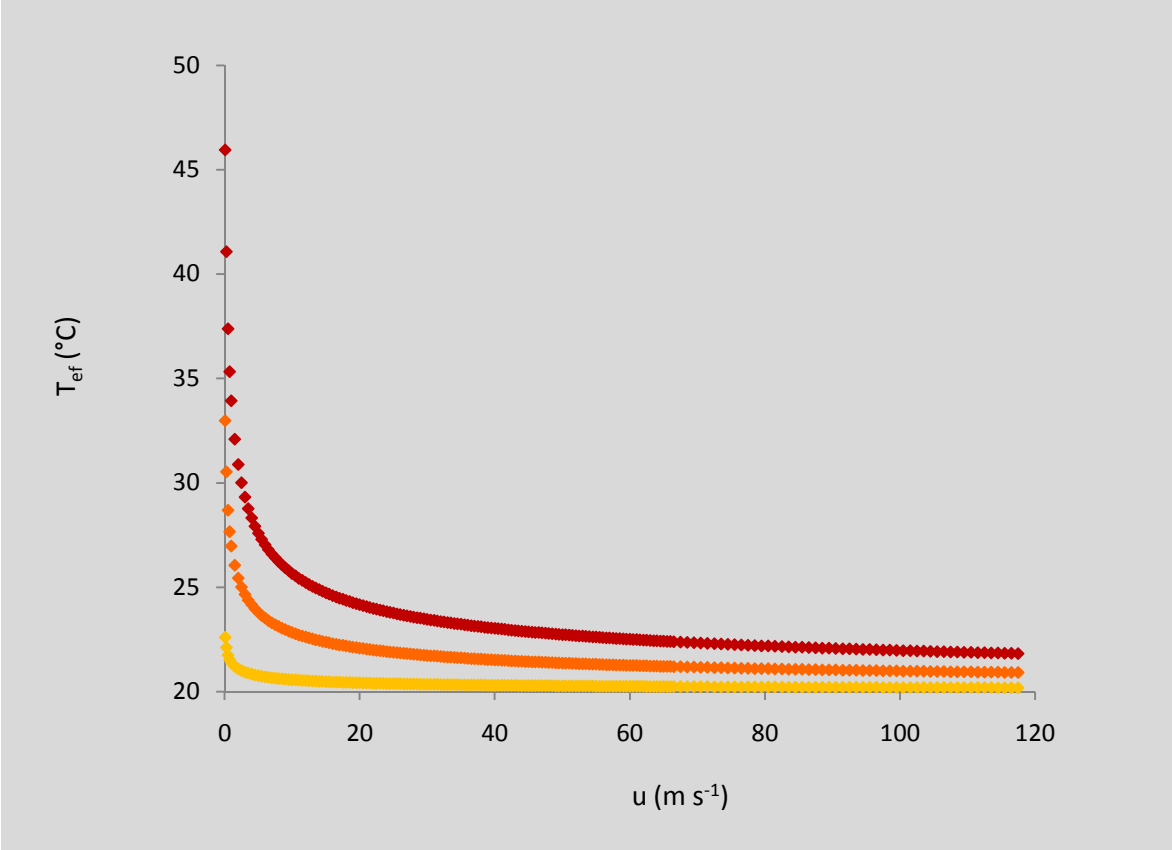

Figure 10.5. *T_{ef} for a 2000 g broiler chicken exposed to three different values of R_{ni}(◆:R_{ni_1} = 20 W m^{-2}; ◆: R_{ni_2} = 100 W m^{-2}; ◆: R_{ni_3} = 200 W m^{-2}) and u ranging from 0.1 to 100 m s^{-1} (in increments of 0.5 m s^{-1}).*

Figure 10.5 shows the results of exercise 2, in which the major changes in T_{ef} secondary to variations in u are verified at the lowest values of u, in accordance with that shown in Figure 10.4 for r_{H_T}.

In order to quantify the impact of Δr_{H_T} on T_{ef}, the thermal equivalent of a

change of 5 units of r_{H_T} has been estimated in the third simulation exercise. The difference between the radiation increments (ς) for two values of r_{H_T}($r_{H_{T_1}}$ = 100 s m^{-1} and $r_{H_{T_2}}$ = 95 s m^{-1}) were calculated and then evaluated at three different levels of R_{ni} ($R_{n_{i_1}}$ = 20 W m^{-2}; r_{ni_2} = 100 W m^{-2}; R_{ni_3} = 200 W m^{-2}) (Table 10.3).

Table 10.3. *Constants and variables for exercise 3*

Constants	
ρc_p (J m^{-3} °C^{-1})▯	1220
r_R (s m^{-1})▯	250
Controlled variable	
W (g)	2000
Auxiliary variables ‡	
A (m^2)*	0.1628
d (m)¨	0.23
Independent variables	
R_{ni_1} (W m^{-2})	20
R_{ni_2} (W m^{-2})	100
R_{ni_3} (W m^{-2})	200
$r_{H_{T1}}$ (s m^{-1})	100
$r_{H_{T2}}$ (s m^{-1})	95

‡ *Auxiliary variables are those dependent on the controlled variables that need to be calculated in order for the model to run.*

▯*Monteith and Unsworth (1990)*

**Calculated based on the allometric relationship* $A = W^{0.67}/1000$*(After Calder and King, 1974).*

¨*Calculated based on the value of* A_f*, with the equation* $d_f = 2\sqrt{A_f/4\pi}$

The results are shown in Table 10.4.

Table 10.4. *Estimation of the thermal equivalent of a* Δr_{H_T} *of 5 units for a 2000 g broiler chicken exposed to three values of* R_{ni}

	ς (° C)		ΔT (°C)
	$r_{H_{T_1}}$	$r_{H_{T_2}}$	
R_{ni_1}	1.17	1.56	0.39
R_{ni_2}	5.85	7.79	1.93
R_{ni_3}	11.71	15.57	3.86

The exercises reported in this section demonstrate that u has an important impact on the value of T_{ef}. According to the results of exercises 1 and 2, there is a progressive reduction in the value of T_{ef} for increasingly higher values of u. This has been explained by the reduction of the thermal resistance of the boundary layer to convective heat transfer secondary to the perturbation of the laminar flow of the boundary layer induced by the increasing values of u.

Considering consecutive changes in u of 0.5 m s^{-1}, its effect on r_{H_T} is more evident at very low values of u. After a few dramatic changes, r_{H_T} behaves almost as a linear function with a very shallow slope (Fig. 10.4). For chickens, this is expected to occur between absolute calm and (approx.) 3 m s^{-1}. Beyond that value, the differences become lower than 1 unit of resistance. Further increases in air velocity will additionally decrease the value of r_{H_T} but at a minimum rate of change. This may be explained by the way in which the resistance has been calculated. According to Equation 3.27, the value of r_H is proportional to the square root of the division of the diameter (d) by the air velocity. In each unit of increment of u, there is a further decrement on the value of the square root and of r_{H_T}, resulting soon in a very low Δr_{H_T}.

This behaviour does not deny the remarkable effect that a sudden change in u from absolute calm to a high value (e.g. 6 m s^{-1}) may have on the r_{H_T} of the chicken. Instead, it shows that a similar effect could be achieved by exposing the chicken to a value of u of, for example, 2.5 m s^{-1}.

The final effect of u on the heat balance of the bird also depends on the value of R_{ni}, the second variable determining the magnitude of the radiation increment (Equation 4.12). It was said above that for u higher than 3 m s^{-1} the value of Δr_{H_T} became lower than 1, but due to the way in which the radiation increment is estimated in Equation 4.12, 1 unit of change in r_{H_T} may have a different effect on T_{ef} depending on the value of R_{ni}. According to the results of exercise 3 (Table 10.4) 1 unit of r_{H_T} is equal to 0.39 °C with an R_{ni} of 20 W m^{-2} but almost 4 °C for a bird under 200 W m^{-2} of R_{ni}. Considering that the levels of R_{ni} found in a properly insulated broiler house are very close to R_{ni_1} of exercise 3, it is pointless to increase u above 3 m s^{-1}, since not much reduction of T_{ef} may be obtained for higher values of u (Fig. 10.5). This is in agreement with the recommendations given by Charles *et al*. (2002).

10. 3. Estimating the values of TNT from a broiler chicken

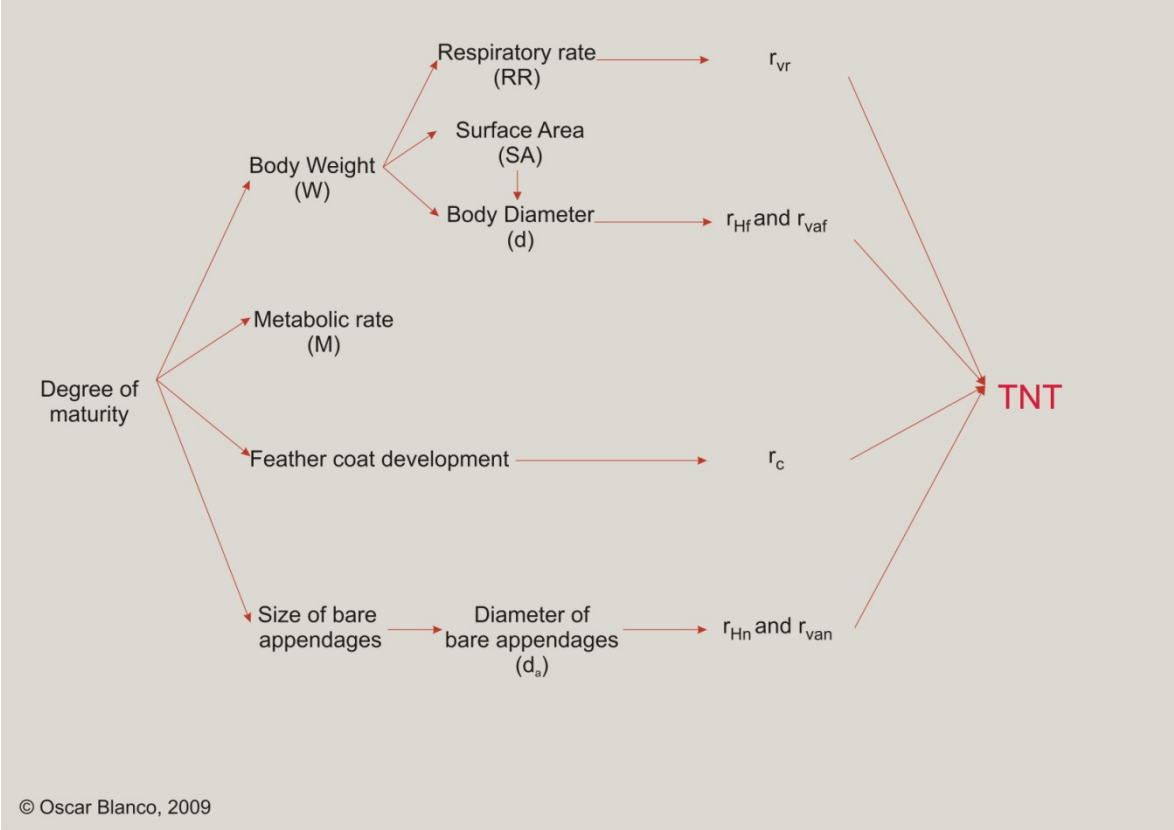

Figure 10.6. *Interaction between the different variables determining the value of TNT for a broiler chicken (r_{v_r}: resistance of the boundary layer of the upper respiratory tract to evaporative heat transfer; r_{H_f}: thermal resistance of the boundary layer of the feathered body to convective heat transfer; $r_{v_{af}}$; resistance of the boundary layer of the feathered areas to evaporative heat transfer; r_c: thermal resistance of the feather coat to heat transfer; r_{H_n}: thermal resistance of the boundary layer of the bare appendages to convective heat transfer; $r_{v_{an}}$: resistance of the boundary layer of the bare appendages to evaporative heat transfer).*

As explained in Chapter 7, the value of TNT is a specific value of T_{ef} at which the animal is at least thermoregulatory effort. Additionally to the micro-environmental variables, diverse variables of the bird determine the particular value of TNT. Figure 10.6 shows the way in which the bird's variables interact affecting the value of TNT.

Two independent variables have been chosen to be studied in more depth, i.e. r_c and W. The first was chosen due to its ill-definition in the literature and the second, due to the controversial behaviour shown by TNT in response to its variation.

10.3.1. Estimation of TNT for different values of r_c

Table 10.5. *Constants and variables used in exercise 4*

Constants	
ρc_p (J m^{-3} °C^{-1})▯	1220
r_R (W m^{-2})▯	250
Controlled variables	
T_b (°C)	41
W (g)	2000
u (m s^{-1})	0.1 (calm)
H_{TNT} (W m^{-2})	72.63
d_n (m)	0.02
Auxiliary variables	
A_f (m^2)*	0.1628
d_f (m)¨	0.23
r_{H_f} (s m^{-1})§	462.24
r_{HR_f} (s m^{-1})♦	162.25
r_{H_n} (s m^{-1})§§	137.01
r_{HR_n} (s m^{-1})♦	88.5

▯*Monteith and Unsworth (1990)*

**Calculated using the allometric relationship* $A = W^{0.67}/1000$ *(After Calder and King, 1974).*

¨*Calculated based on the value of* A_f*, with the equation* $d_f = 2\sqrt{A_f/4\pi}$

§*Calculated using the equation* $r_{H_f} = 7.4\sqrt{d_f/u}$ *adaptation of equation 3.29 (after Campbell and Norman, 1990)*

♦*Calculated based on equation 3.9.1*

§§ *Calculated using the equation* $r_{H_f} = 7.4\sqrt{d_n/u}$ *adaptation of equation 3.29 (after Campbell and Norman, 1990)*

The value of r_c has not been consistently defined in the literature, perhaps due to its great degree of variability in space and time (Chapter 7).

The objective of the fourth simulation exercise is to estimate the relevance of r_c on the determination of the value of TNT. The constants and variables utilised in this trial are presented in Table 10.5.

The results show a reduction on the value of TNT for increasing values of r_c, following an exponentially decreasing pattern of behaviour (Fig. 10.7).

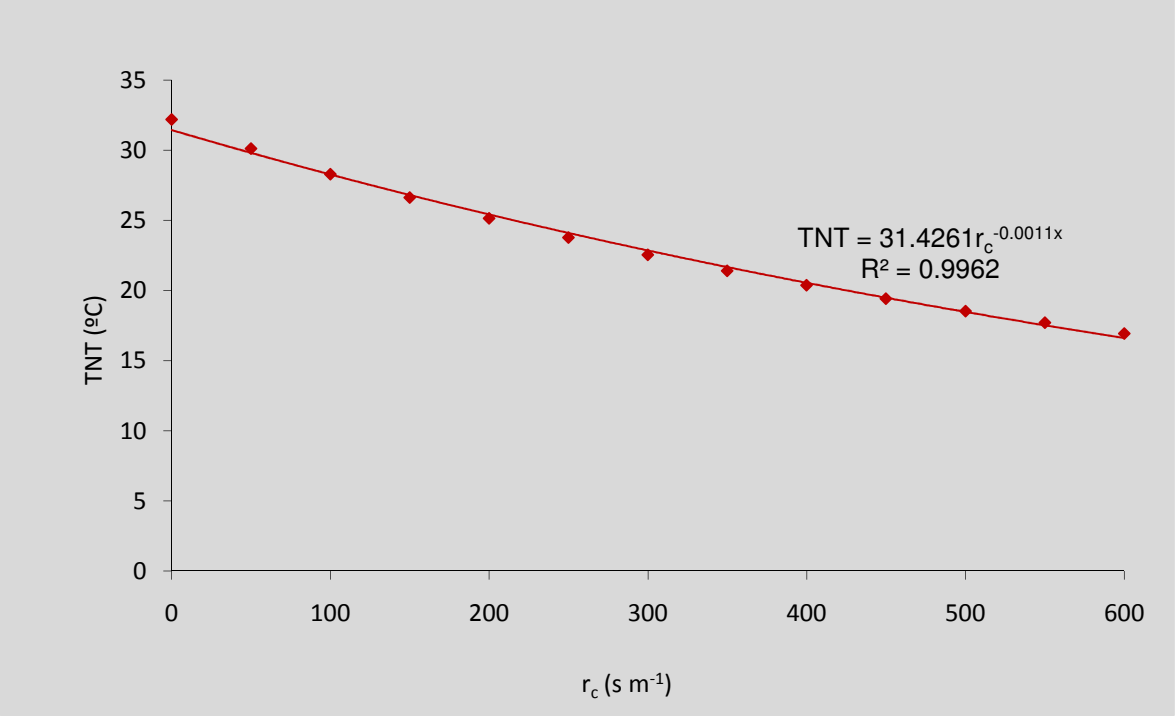

Figure 10.7. *TNT vs. r_c for a 2000 g broiler chicken exposed to an air velocity of 0.1 m s^{-1}, needing to dissipate 72.63 W m^{-2}.*

The dependence of TNT on the value of r_c explains the aptitude of featherless and naked neck genotypes to live in environments with high average annual T_a. At the same time, it may show the need to rethink the thermal requirements of birds being force-moulted or with damaged feather coats.

Therefore, the pattern of behaviour of TNT when expressed in terms of r_c confirms the importance of a proper quantification of the latter variable. One may attempt to increase the reliability of r_c estimations by following the approach of Bakken (1981). In that way, the feather coat can be considered to be a parallel arrangement of thermal resistances in different areas of the feather coat. Each of these resistances should be considered in the context of the surface area that the anatomical region to which they belong is represented on the total surface of the feathered area of the interface I_b. The main inconvenience of this approach would be to determine the degree of differentiation to be applied when delimiting the different anatomical units. In other words, the problem would be to determine at which point the feather coat becomes different from the neighbouring area and whether such anatomical differences are actually translated into a significant difference in terms of heat transfer.

If the demarcation of the different areas of the feather coat was possible, one would then encounter the obstacle of quantifying the thermal resistance of each area. The procedure would imply establishing a heat flow across the coat of that area and determining the temperature at the skin surface and the feather coat surface. George Bakken and his team at the Indiana University have performed over the years a great number of this type of experiment on animal hides mounted on metallic models (Bakken, 1992; Bakken *et al.*, 1981). After neglecting the thermal resistance of the skin of the hide due to its extremely low value, one can assume that the temperature at the skin surface is equal to the walls of the copper model. By using a thermographic camera it would be possible to define different thermal regions in the feather coat. Following a procedure similar to that used in the determination of the thermal resistance of the skin of the bare appendages (Fig. 8.7), the heat through the boundary layer can be equated to that through the feather coat in a specific anatomical region. Accepting the premise that the values of r_c are at all times larger than the values of thermal resistance of the boundary layer, it would be possible to determine the value of r_c for that region without the need to know the proportion of the total heat loss flowing through that region. The calculation may be

performed by using Equation 10.1.

The utilisation of thermal imaging can be very useful in delimiting zones of different thermal resistance. The delimitation can be done by following a premise of maximum value of thermal gradient. For example, a new region will be considered when the thermal gradient between the centre of a thermal region and a given peripheral point is higher than a certain percentage.

10.3.2. Estimation of TNT with different values of W

The effect of the variable body weight (W) on the value of TNT has been considered in exercise 5. The independent and controlled variables used in this exercise are presented in Table 10.6.

Table 10.6. *Variables constants used in exercise 5*

Controlled variables	
T_b(°C)	41
r_c (s m^{-1})	400
u (m s^{-1})	0.1 (calm)
d_n(m)	0.02
r_R(W m^{-2})[]	250
ρc_p(J m^{-3} °C^{-1})[]	1220
Auxiliary variables	
r_{H_n}(s m^{-1})[§§]	137.01
r_{HR_n}(s m^{-1})[♦]	88.5

[] *Monteith and Unsworth (1990)*

[§§] *Calculated using the equation* $r_{H_n} = 7.4\sqrt{d_n/u}$ *adaptation of equation 3.29 (after Campbell and Norman, 1990)*

[♦] *Calculated based on equation 3.9.1*

Table 10.7. *Values of TNT and auxiliary variables for broiler chickens of different body weights*

W	H	d	r_{H_c}	r_{HR_c}	r_{HR_T}	TNT
1500	79.88	0.21	440.9	159.49	142.36	18.30
1750	74.66	0.22	452.02	160.97	143.36	19.80
2000	70.66	0.23	462.24	162.25	144.22	20.95
2250	67.24	0.24	471.45	163.37	144.97	21.94
2500	63.51	0.25	479.84	164.37	145.64	23.02

The results show a reduction in the value of TNT for increasing values of W from 1500 to 2500 g (Fig. 10.8 and Table 10.7).

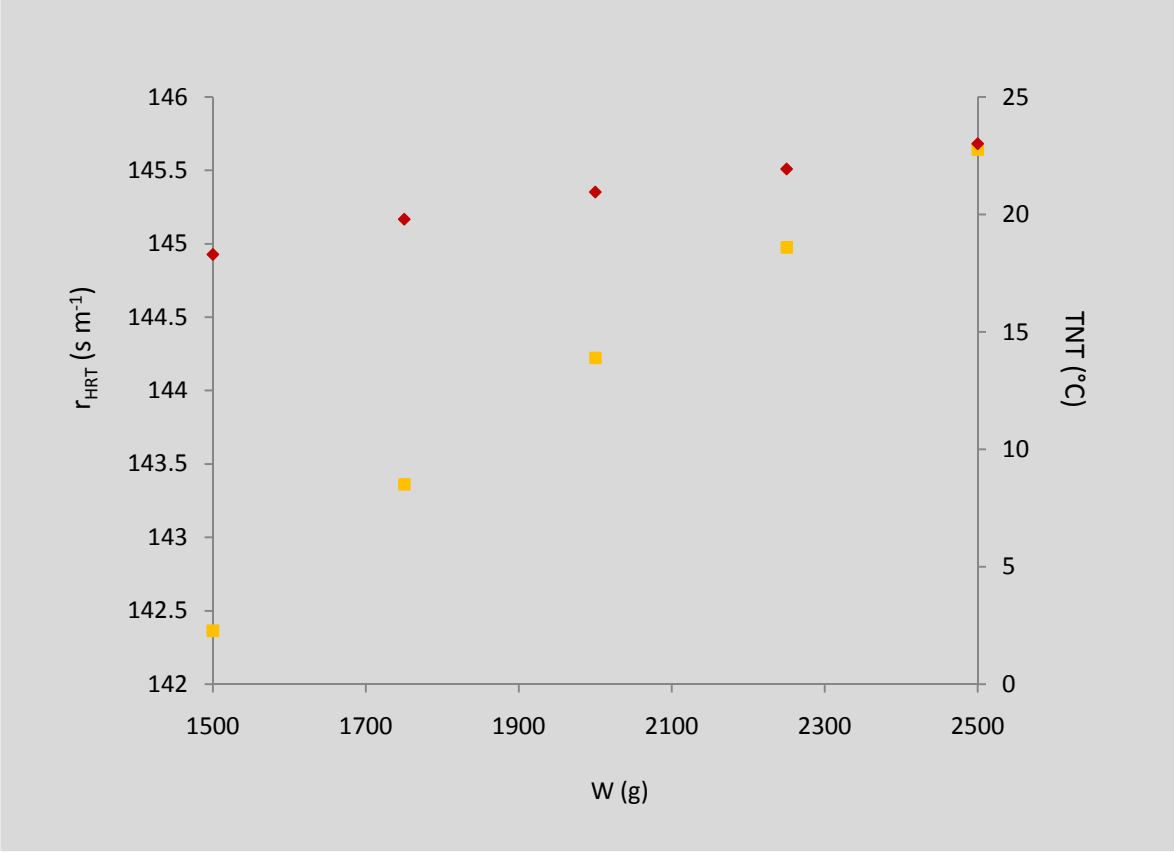

Figure 10.8. *TNT and r_{HR_T} for broiler chickens of different W. ♦: TNT, ■: r_{HR_T}.*

These results certainly contradict experience and common sense. It is well known that more mature birds achieve least thermoregulatory effort at lower values of

T_{ef} than those required by more immature birds. The opposite is shown in Table 10.7 and in Figure 10.8.

The first attempt to explain this contradiction logically focused on the validity of the estimation of $r_{H_T}$and r_{HR_T}, since they depend directly on the main dimension of the bird. Table 10.7 and Figure 10.8 indicate that this explanation may be incorrect since r_{H_c}, $r_{H_a}$and r_{H_T}present a coherent pattern of behaviour for increasing W.

A closer analysis of the heat dissipation of broiler chickens estimated using the EFG Broiler Model (EFG Software, 2009) gave a possible answer to this contradictory situation. This model is able to estimate the amount of heat dissipated daily by broilers of different weights at least thermoregulatory effort in units of kJ. The heat flux density [W m^{-2}] was estimated by dividing each of the values by the number of seconds in a day and by the total surface area of a chicken. The value of latent heat loss at least thermoregulatory effort was subtracted from the values of total heat flux in order to estimate the heat dissipated by sensible means. The patterns of behaviour of H_{TNT} and M are presented in Figure 10.9.

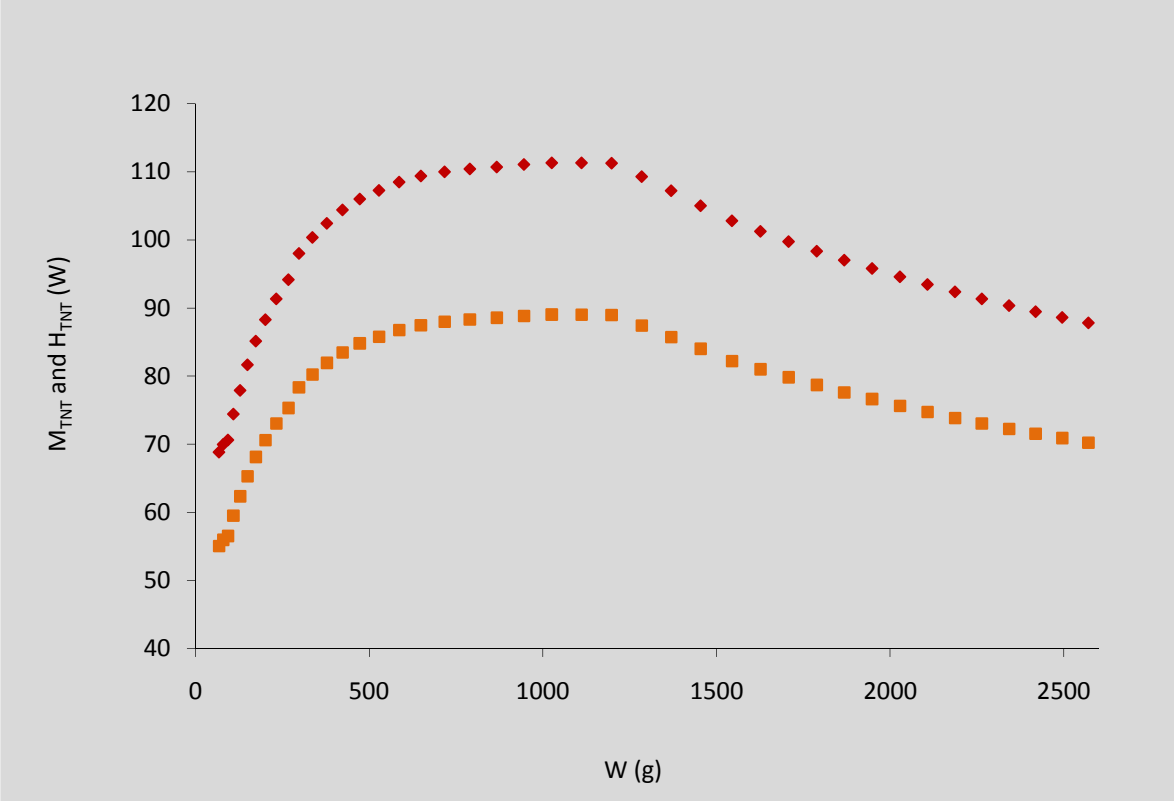

Figure 10.9. *Metabolic rate at least thermoregulatory effort (M_{TNT}) and Sensible heat loss at least thermoregulatory effort (H_{TNT}) for a 2500 g broiler chicken, after data simulated with the EFG Broiler Model (EFG Software, 2009).*

Interestingly, the total amount of heat produced by broiler chickens seems to reach a maximum when the bird is growing at its maximum growth rate (around the point of inflection) dropping afterwards until the animal reaches maturity (Fig. 10.9)[64].

This pattern of heat production seems to be responsible for the decreasing value of TNT related to more mature birds. One should question then the reasons for the opposite behaviour of TNT in real animals. The author feels quite confident that the main reason for this inconsistency is the lack of definition of r_c and its

[64] *It is necessary to clarify that, although the bird reaches maturity at a body weight higher that 2500 g, the value of M and S_{TNT} may tend to its minimum when the bird reaches maturity.*

relationship with the level of maturity.

The increase in size during the maturation process is accompanied by the development of the feather coat. Bigger birds, although they produce less heat per unit of surface area, have thicker and more homogeneous feather coats. The increasing values of r_c would be such that, even with lower production of metabolic heat, the bird will need lower values of T_{ef} in order to achieve a physiological state compatible with least thermoregulatory effort. The ill-definition of this relationship between degree of maturity and r_c, as discussed in section 10.2.1, seems to be the main reason for the incongruous behaviour of TNT.

The results of exercises 1 and 2 show that the total thermal resistance of broiler chickens depends then on the degree of maturity of the bird. If that is the case, then the relationship between the degree of maturity, the feather coat development and the body weight should be established in order to estimate the values of r_c and r_{HR_c}.

10.4. Simulation of thermoregulatory responses of a broiler to environmental conditions above TNT

In Chapter 7, this author has speculated on the concept of successful thermoregulatory response. Based on theoretical postulates about the thermodynamic behaviour of open systems (Recordati and Bellini, 2004) and on experimental observations on thermoregulatory responses of different species (Zhou and Yamamoto, 1997) it was established that the main variable to evaluate the thermoregulatory success should be T_b.

When exposed to environmental conditions above TNT, a bird may achieve a new thermodynamic state characterised by a higher value of T_b. The achievement of this

new steady state may depend on the magnitude of the environmental challenge and on the thermal and thermoregulatory properties of the bird.

The success of that thermoregulatory strategy depends, firstly, on whether the value of T_b is compatible with life and. Additionally, the time of exposure should be such that the modifications of physiological parameters resulting from the thermoregulatory response do not produce life-threatening imbalances.

These hypotheses have been analysed by performing exercises with the model presented in Chapter 9. The results are presented and discussed in the following section.

10.4.1. The achievement of a new physiologic steady state

Table 10.9. *Constants and variables used in exercise 6 to estimate the value of TNT for a 2000 g broiler chicken*

Constants	
ρc_p (J m^{-3} °C^{-1})[]	1220
r_R (W m^{-2})[]	250
Controlled variables	
W (g)	2000
r_c (s m^{-1})	450
d_a (m)	0.02
RH (%)	60
u (m s^{-1})	0.1 (calm)
Estimated TNT	
TNT (°C)	20.02

[] *Monteith and Unsworth (1990)*

Exercise 6 was performed in order to simulate the thermoregulatory responses of a broiler chicken to two values of T_{ef} above TNT.

The value of TNT was chosen from the results reported in section 10.3 according to the conditions expressed in Table 10.9.

Table 10.10. *Constants and variables used in exercises 6 and 7 to estimate the two thermal treatments (T_{ef_1} and T_{ef_2}) to which a 2000 g broiler chicken has been exposed*

Constants		
ρc_p(J m^{-3} °C^{-1})	1220	
r_R(W m^{-2})	250	
Controlled variables		
	Treatment 1	Treatment 2
T_a (°C)	25	25
R_{ni}(W m^{-2})	20	75
u(m s^{-1})	0.1†	0.1†
TNT(°C)	20	20
W(g)	2000	2000
d_a (m)	0.02	0.02
Thermal treatments		
	Treatment 1	Treatment 2
T_{ef}(°C)	27.7	35

† *0.1 m s^{-1} has been assumed as being complete calm.*

The latent heat loss from the respiratory tract (λE_r) was estimated using Equation 5.5. The total value of latent heat loss (λE_T) was roughly estimated to be double the value of λE_T (Campbell and Norman, 1998). Since the following sections are more concerned with the general pattern of behaviour than with the exact value acquired by the different physiological parameters, the final results were not greatly affected. For more accurate estimations, the model should be modified to include the estimation of cutaneous latent heat loss reported in appendix A2.

The value of λE_T was subtracted from the heat production at least thermoregulatory effort (M_{TNT}) taken from Figure 10.9 in order to obtain the sensible heat loss at TNT (H_{TNT}).

The two thermal environments (T_{ef_1} and T_{ef_2}) were simulated according to the specifications given in Table 10.10. The objective was to make T_{ef_1} close enough to TNT so that the bird could achieve a new steady state, whilst T_{ef_2} had to overcome the thermoregulatory capacity of the chicken.

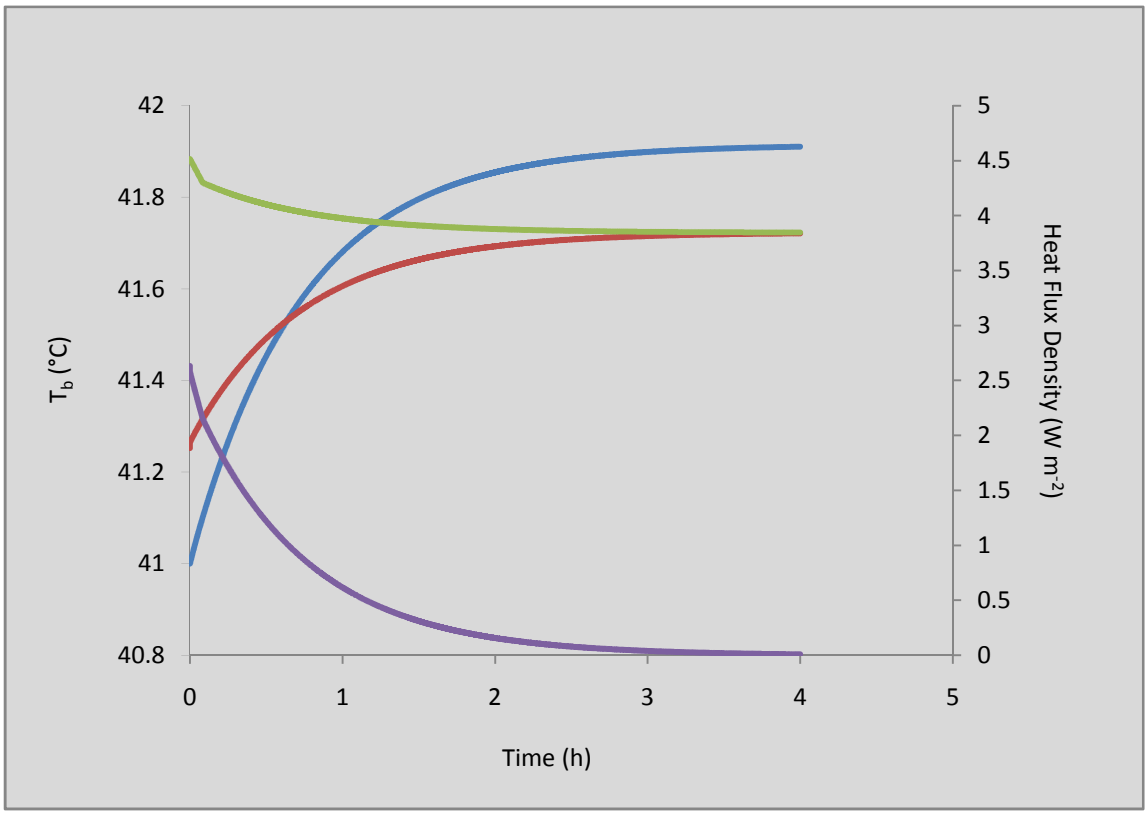

Figure 10.10. *Thermoregulatory response of a 2000 g broiler chicken to 4-hour exposure to a constant T_{ef_1}(27.7 °C), simulated with the model reported on this thesis. (: T_b; : λE_r; : HE; : S).*

In each simulation the model estimated the behaviour of the variables T_b, latent

heat loss from the surface of the mucous membrane of the upper respiratory tract (or λE_r of interface I_r), heat excess (HE) to be dissipated in order to maintain $T_b$in basal level, and heat storage (S) resulting from the inability of the bird to dissipate all the heat produced per unit of time. The chicken was assumed initially to be at least thermoregulatory effort and suddenly exposed to one of the two thermal treatments (T_{ef1} or T_{ef2}). The exposure lasted 4 hours, during which the thermal treatment was constant.

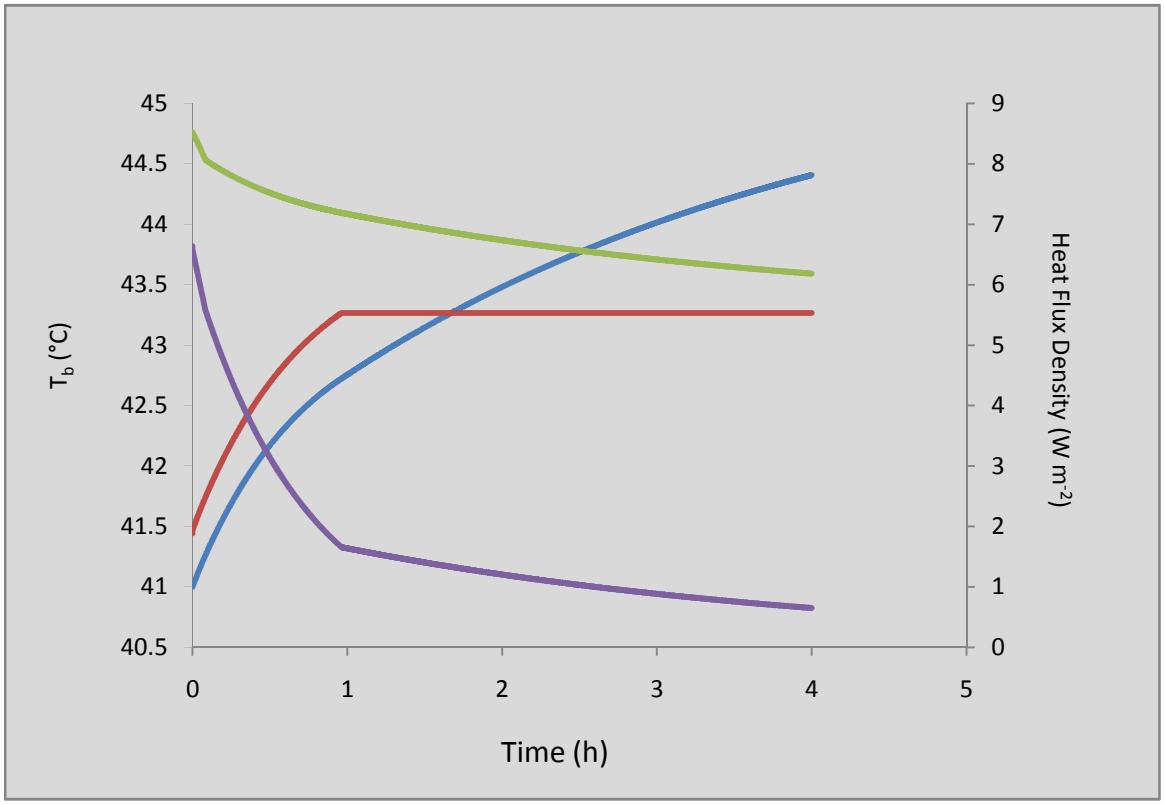

Figure 10.11. *Thermoregulatory response of a 2000 g broiler chicken to 4-hour exposure to a constant T_{ef_2} (35 °C), simulated with the model reported on this thesis. (: T_b; : λE_r; : HE; : S).*

The thermoregulatory responses to T_{ef_1} and T_{ef_2} are shown in Figures 10.10 and 10.11 respectively.

The thermal burden imposed by treatment T_{ef1} (27.7 °C) was low enough for

the bird to stabilise its T_b at a value that, although higher than $T_b$when the bird was at TNT, seemed to be still in the physiological range. The rise in RR, induced by the increasing T_b, took the value of λE_r to match HE (resulting from the reduced thermal gradient with the surrounding environment). Consequently, the rate of heat storage ($\partial S/\partial t$) gradually decreased and finally became 0 when T_b could be stabilised. The behaviour of T_b seemed to follow the patterns studied in Chapter 7 of this thesis and implied in the results of Zhou and Yamamoto (1997).

The bird was not able to develop a successful thermoregulatory response when exposed to treatment T_{ef2} (35 °C), which is evidenced by the pattern of behaviour followed by the parameters in Figure 10.11. The value of the respiratory rate achieved its maximum possible value, consequently stabilising λE_r at a level much lower than the actual HE. The rate $\delta S/\delta t$ could not be reduced to 0 and, therefore, T_b continued to increase.

As mentioned in Chapter 7, the objective of taking T_b to a new steady state is to allow the chicken to restore the thermal gradient with the environment, at which it can dissipate as much heat as it produces. Even though the chicken did not reach the new thermodynamic steady state in the 4 h of exposure (and it would probably never have achieved this because T_b would have reached values incompatible with life before stabilisation was possible), the rate of heat storage is reduced second by second as T_b increases. The consequent increase in internal entropy secondary to the elevation of T_b is then a risk the bird is willing to take in order to avoid further imbalances.

This analysis introduces two new issues. In the first place, the utilisation of thermoregulatory mechanisms produces metabolic alterations that, if applied for a prolonged period of time, may be harmful to the bird. This raises the question of what might constitute a successful response, and how this could be evaluated.

Secondly, if the steady states are achieved at different times, are environmental physiologists using correct techniques for determining the response of T_b to different thermal environments? The following sections present simulation exercises aiming to elucidate such issues.

10.5. Time of exposure as a factor determining thermoregulatory success

As explained above, the implementation of a thermoregulatory response would not completely avoid the modification in physiological parameters. In fact, the attainment of a new thermodynamic steady state is nothing but a "more controlled" variation of those parameters based on the modification of the thermal properties of the living system.

Consequently, the success of a thermoregulatory strategy depends not only on the attainment of the new thermodynamic steady state, but also on the values achieved by the physiological parameters and the amount of time the bird has suffered those modifications.

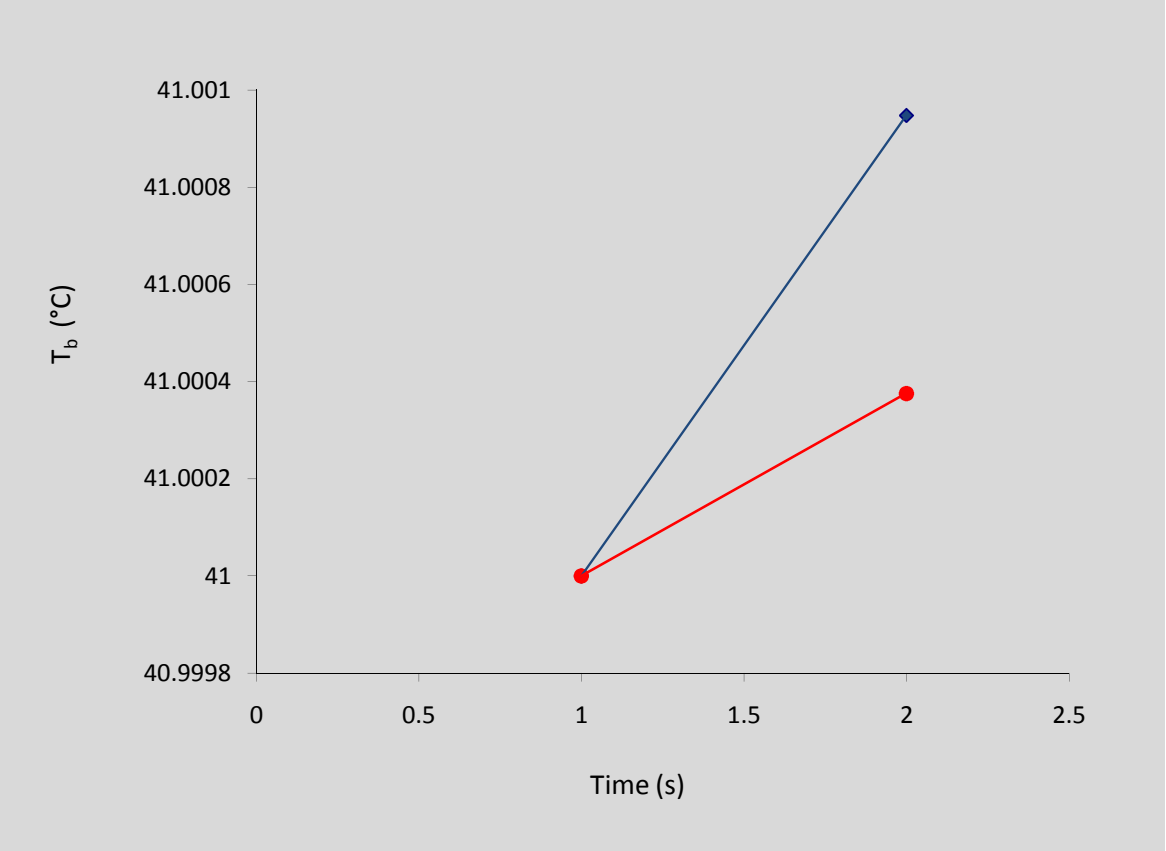

Figure 10.12. *First derivative of the response curves of T_b (T_{b_1} and T_{b_2}) to the thermal treatments (T_{ef_1} and T_{ef_2}) between 1 and 2 seconds after the onset of the response (■: $\partial T_{b_1}/\partial t$; ■: $\partial T_{b_2}/\partial t$).*

In Chapter 7, the concept of physiological time was introduced as a means of evaluating the success of the thermoregulatory response. The theory proposed the analysis of the maximum slope of the increasing phase of the change in T_b as a function of time of exposure in order to estimate the time taken by the chicken to achieve the upper limit of physiological T_b. According to the hypothesis presented on Chapter 7 regarding the pattern of behaviour of T_b *vs.* time, the increasing phase of that curve is almost linear, and the evaluation of the first moments of the response of the bird would suffice to estimate the physiological time.

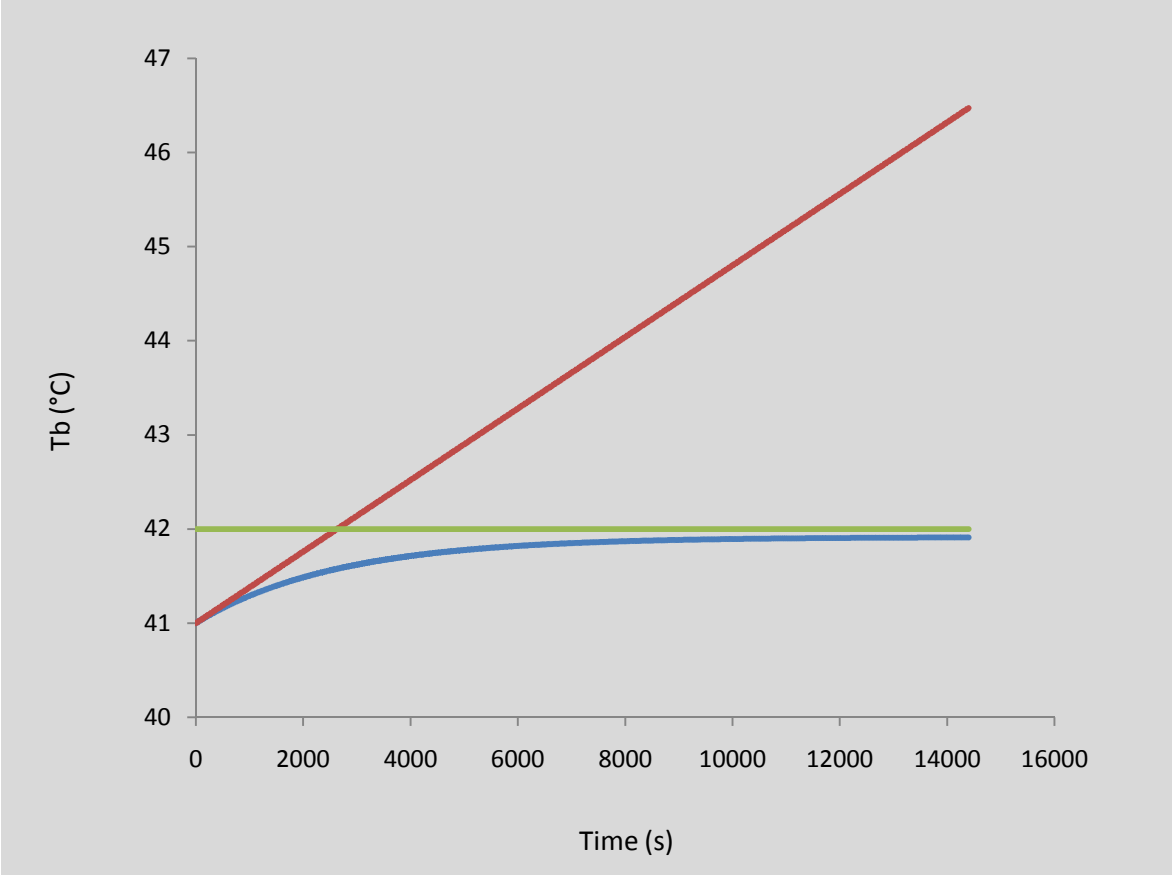

Figure 10.13. *Estimation of Physiological Times for thermal treatment1. The bird reaches a steady state Tb lower than the maximum physiological limit of Tb, therefore, by definition, no physiological time is reported and* $\Delta t_{ph} \rightarrow \infty$ *is assumed.*

The exercise presented in this section (exercise 7) analyses this theory by finding the slope between the first two seconds of thermoregulatory response. The equation representing that line was utilised to estimate the time taken for T_b to surpass the upper limit of its physiological range when exposed to those conditions.

The variables and constants utilised in exercise 7 were presented above in Table 10.10. The linear equations obtained for the increasing phases of the T_b response to T_{ef_1} and T_{ef_2} (T_{b_1} and T_{b_2}, respectively) are reported as Equations 10.1 and 10.2 and their graphical

representation is shown in Figure 10.12.

$$T_{b_1} = 0.00038 \times t + 41 \qquad (10.1)$$

$$T_{b_2} = 0.0009 \times t + 41 \qquad (10.2)$$

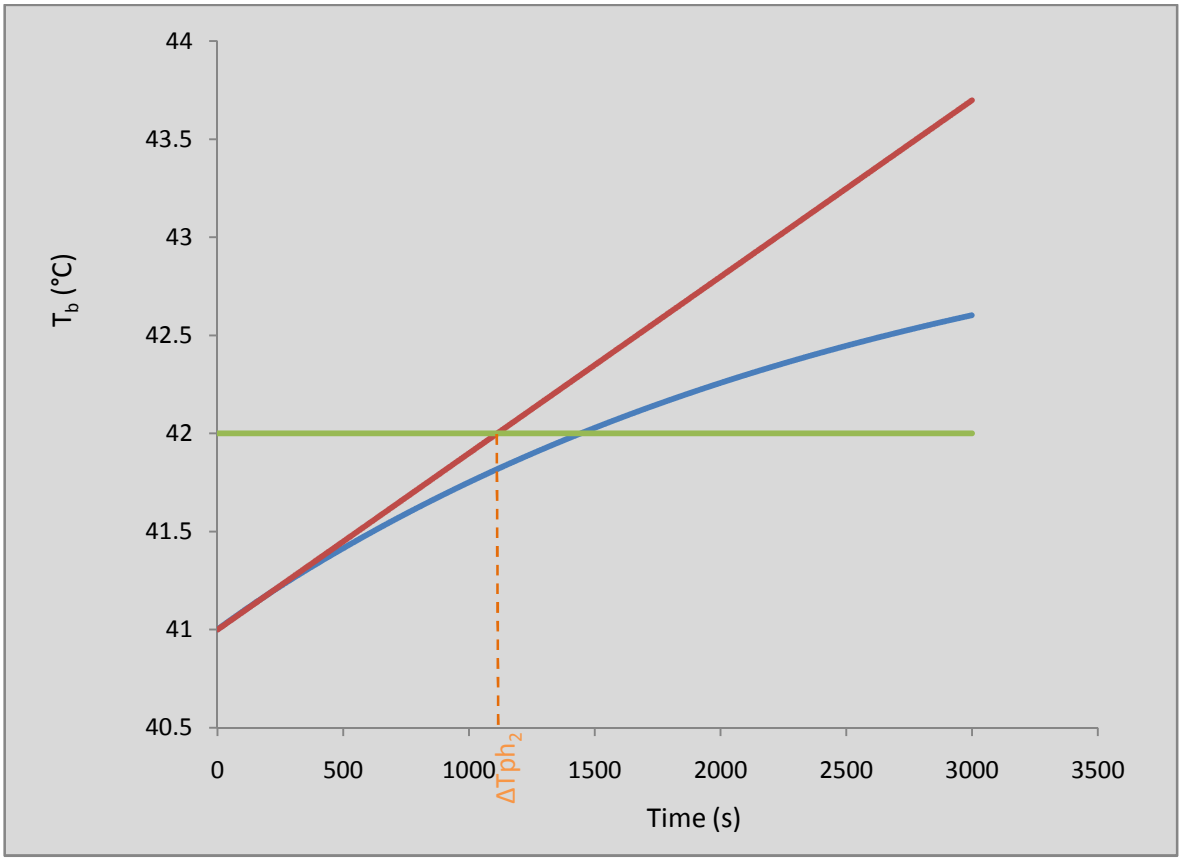

Figure 10.14. *Estimation of physiological time for thermal treatment 2 (ΔT_{ph_2}). The time axis has been reduced to only 3500 seconds (approx. 58 min) in order to put in evidence the important separation between the actual curve of Tb vs. time and the tangent utilised in the calculation of ΔT_{ph_2}*

Solving Equations 10.1 and 10.2 for T_b = 42 °C, the time taken by the bird exposed to T_{ef1} to achieve 42 °C was estimated to be 1111.11 seconds, or 18 min 52 sec (Fig. 10. 13). For treatment 2, it was estimated to be 2631 s, or 44 min 25s (Fig. 10.14).

The results show that the theory of physiological time as an indicator of thermoregulatory success is not completely satisfactory. The main problem seems to be the differences between the pattern of behaviour of T_b *vs.* time hypothesised in Chapter 7 and that verified by the results of the simulation. Whilst the hypothetical behaviour has an increasing phase that is almost linear, with a major slope change just before the plateau is achieved, the simulated values of T_b show a more gradual change of slope throughout the entire time of exposure. Consequently, the line of T_b diverts importantly from the line representing the derivative $\partial T/\partial t$, resulting in a considerable amount of time between the moments at which the derivative of T_b and the curve of T_b intercept the upper value of the physiological range of T_b. This may invalidate any predictive value of the concept of physiological time in the manner defined in Chapter 7.

Additionally, according to this theory, the physiological time of thermoregulatory responses stabilising T_b at a value comprised in the physiological range, tends to ∞. Therefore, it is evident that this parameter is inadequate to explain this type of response (Fig. 10. 13).

It seems that, although the idea of physiological time may be an interesting concept to analyse and perfect in the future, it may not add any practical advantage. This author believes that a definitive assessment of the validity of this concept will be possible only once a general mathematical expression of T_b as function of time is obtained. At this stage, it seems to be more appropriate to rely on simulations or experimental observations of the complete thermoregulatory response instead of trying to predict this based on the initial properties of the response.

10.6. Analysis of the adequacy of static representations of the behaviour of physiological parameters in response to different thermal burdens.

In Chapter 7 it was postulated that determining the physiological responses to a thermal perturbation based on a single measurements of the parameters at a given time of exposure may constitute an inappropriate method. Exercise 8 simulates the responses of a chicken exposed to three different thermal environments, following the protocols of measurements utilised by Nichelmann, Baranyiovà and Tzschentke (1986) (measurements taken 1 h after exposure) and Burmeister *et al.* (1986) (measurements taken 2 h after exposure). A similar exercise was published in a previous short communication (Blanco and Gous, 2006a).

The variables and constants utilised in the simulation exercise 8 are presented in Table 10.11.

Table 10.11. *Constants and variables used in exercise 8 to estimate the values of T_b for a 2000 g broiler chicken exposed to one of six thermal treatments during 1 and 2 hours.*

Constants	
ρ_{cp} (J m^{-3} °C^{-1})	1220
r_R (W m^{-2})	250
Controlled variables	
TNT (°C)	20
W (g)	2500
d_a (m)	0.02
Thermal treatments	
T_{ef1} (°C)	25
T_{ef2} (°C)	26
T_{ef3} (°C)	29
T_{ef4} (°C)	33
T_{ef5} (°C)	35
T_{ef6} (°C)	37

[1]*Monteith and Unsworth (1990)*

The results reported in Figure 10.15 show a pattern of behavior of T_b similar to that proposed by Tzschentke *et al.* (1996) at one and two hours after exposure. It is then interesting to see that although the patterns for both curves are similar, there is an evident difference between the values obtained at one and two hours after the onset of the perturbation. Such differences become more important as the thermal perturbations become more aggressive.

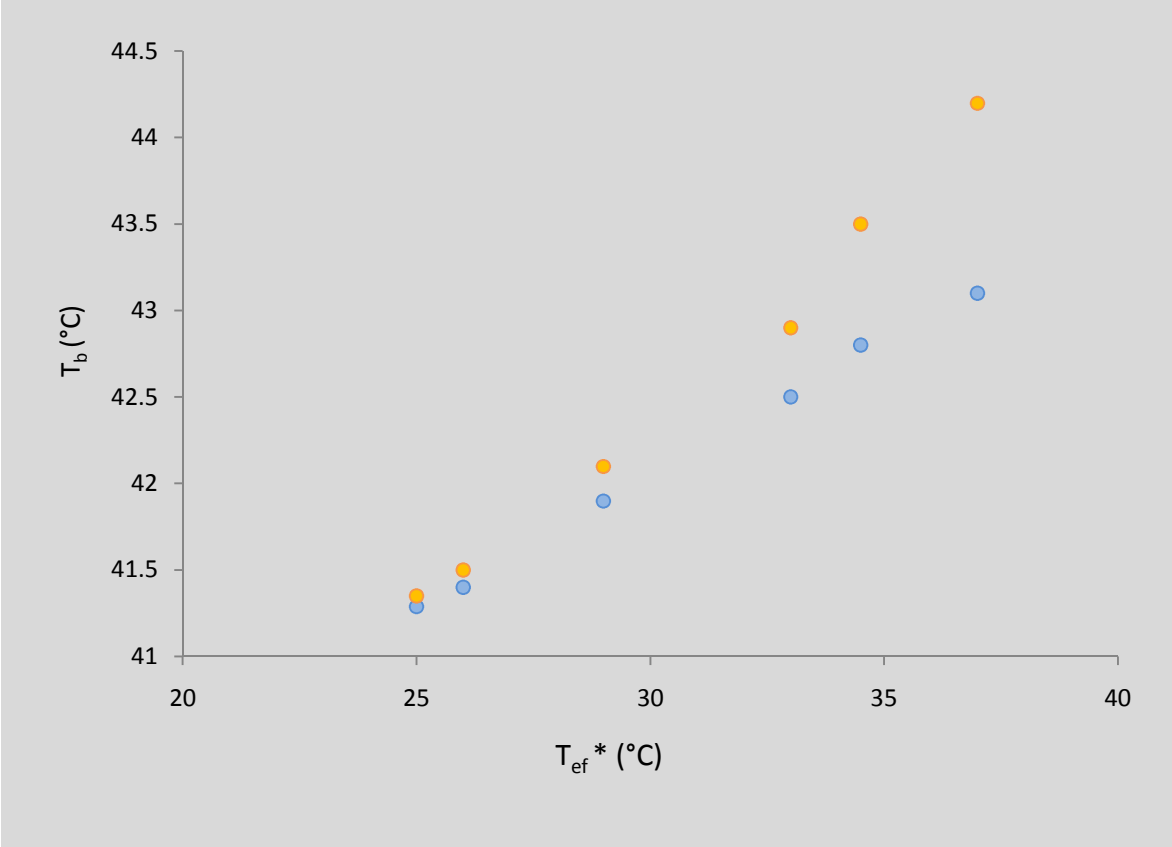

Figure 10.15. *Steady state diagram representing the values of T_b for a 2000 g broiler chicken exposed to six different thermal treatment measured at 1 h (●) and 2 h (●) after exposure.*

These observations are in direct agreement with the theory expressed in Chapter 7 about the unsuitability of steady state diagrams to explain the thermoregulatory responses of a

bird to a given value of T_b. The values obtained by this type of procedure become less representative as the values of T_{ef} move further away from TNT. This is due to the fact that the probability that a bird reaches a new steady state in one or two hours is reduced as the magnitude of the thermal treatment increases. In fact, as previously discussed, birds may not be able to reach a new steady state for the more intense perturbations.

Consequently, although the theory of least thermoregulatory effort proposed by the Humboldt School seems more suitable for broiler chickens, it is only reliable when the values of T_{ef} are close to the magnitude of TNT.

10.7. Conclusions

This chapter has examined different aspects of thermoregulation in chickens through simulation exercises. Without aspiring to refute or confirm any of the theories postulated in this thesis, this conceptual model has given indications of the probable suitability of those different ideas.

In the first place, this section provided evidence of the undeniable benefit of utilising equivalent temperatures to express the thermal burden/demand imposed by the environment on the bird. As shown by the exercises in sections 10.2 and 10.3, there are a multitude of variables affecting the way in which a bird perceives the surrounding environment, many of them depending on the size and shape of the bird. Then, there is no doubt that a detailed expression of the properties of the environment is completely pointless if the characteristics of the boundary layer surrounding the bird are not considered. This is especially clear in relation to the effect of u on the ability of the bird to dissipate heat under conditions above least thermoregulatory effort.

Regarding the ability of the bird to achieve a new thermodynamic steady state in response to a thermal perturbation, the patterns of behaviour followed by the different variables involved in the thermoregulatory process seem to agree with the theories presented in Chapters 2 nd 7. Similar patterns have been reported in experimental

results (Zhou and Yamamoto, 1997). A preliminary version of this thesis presented a graphic where the simulated variations of T_b as a function of time were contrasted with the experimental results reported by Zhou and Yamamoto (1997). Although in that case the pattern of behaviour seemed to be similar for experimental and simulated values, the author has considered it to be irrelevant and has excluded it from this thesis. The main reason is the absence of a method to adjudicate the value of r_c to a bird, since the relation of $r_c$to a given degree of maturity and, therefore, to a given value of metabolic heat production is still unknown (Exercise 5).

Finally, the arguments against the traditional methods of analysing the effect of the environment on birds, based on the utilisation of steady state models, seem to strengthen. It is clear that these methods suffer from two main flaws. Firstly, they fail to account for the effect of time of exposure. This concept has been unsuccessfully tackled in this thesis by designing the theory of Physiological Time. Although the mechanics utilised in its calculation are inappropriate, the concept of the interaction of magnitude of the perturbation and time of exposure seem to be worth further exploration. A probable solution would be to consider a parameter in which both variables are combined, that could possibly be called Intensity of Thermal Perturbation. Their second limitation is the lack of representativeness of the measured values of T_b as the time of exposure increases, especially for values of T_{ef} increasingly higher than TNT.

Final comments and conclusions

11

„Oh, ich möcht vieles änder noch
In zwölfter Stund-und heut wird meine Oper-
(...) Die Freud!"

Richard Strauss (1912)
Ariadne auf Naxos (Vorspiel)[65]

Throughout the thesis, conclusive statements have been presented of different aspects of thermoregulation. Taking care not to be repetitive, only certain key points, chosen on the basis of being innovative, controversial or deserving of a conclusive analysis, have been discussed. These certainly may be relevant to future research in environmental physiology.

11.1. The thermodynamic approach

The thermodynamic approach has been found to be quite suitable for explaining how the thermal properties of the bird are modified by the onset of thermoregulatory responses. The broiler chicken has been assumed to be an open thermodynamic system that constantly aims at maintaining the levels of entropy at values compatible with life.

[65] *"Oh, there is still so much I'd like to change/ at the eleventh hour-and today is my opera-/(...) What a joy!" Richard Strauss (1912) Ariadne in Naxos (Prologue)*

In response to thermal perturbations, the bird triggers thermoregulatory mechanisms that, by changing the thermal properties of the system, attempt to maintain heat dissipation and metabolic rates at the same level. This has been shown to be possible only when the bird achieves a new thermodynamic steady state.

Thermoregulation has been proposed partially to compromise the levels of entropy and the *integrality* of the living system. Although reaching a new steady state implies the change of physiological variables, such modifications would avoid greater variations that may certainly destabilise the system and produce irreversible damage. It is evident, especially in cases with moderate to high thermal perturbations that the thermoregulatory mechanisms actually try to "delay disaster". These strategies reduce the rate at which entropy is accumulated in the system, but during prolonged exposure, the imbalances may cause levels of disorganisation incompatible with life.

From another point of view, it can be theorised that the thermoregulatory response is a way of partitioning the accumulating internal entropy in different "compartments". This partition of energy would produce moderate changes in different systems instead of great modifications in only one variable. In other words, the total entropy of the system "broiler chicken" increases, but the concomitant loss of *integrality* is more moderate.

This last theory raises some interesting questions. Would homeostasis be a tool that the animals use to *cheat* on the "doom" of entropy discussed in Chapter 2? Do thermoregulatory mechanisms allow a living system to withstand higher values of entropy than inanimate systems of similar thermal characteristics? Unfortunately this idea cannot be verified in the context of this thesis, but it does provide interesting food for thought.

It should be stated that, ideally, the exposure to a thermal perturbation is transitory and, as mentioned above, the thermoregulatory mechanisms work as the "safety valves" of

the system. Sustained thermal aggressions are related to the onset of acclimation strategies, the objective being to modify permanently the thermal properties of the bird. The success of such acclimation strategies would depend on the product between time of exposure and magnitude of the aggression, compared to the time taken by the bird to develop the new adaptation and the impact that adaptation may have on the thermal properties of the animal. In the future, it would be interesting to analyse, from a thermodynamic point of view, the way in which the acclimation strategies reduce the rate of accretion of entropy or, conversely, induce the rise of *negentropy*.

11.2. The quantification of the total environmental action on the chicken

One of the most controversial points of this thesis may possibly be the omission of a variable accounting for the water vapour content of the atmosphere when defining the parameter for estimating the action of the environment on the broiler chicken.

The impact of the vapour pressure on the dynamics followed to attain a new thermodynamic steady state is undeniable. In fact, the rate of reduction of heat excess during thermoregulation in non-sweating animals is a function of the vapour pressure gradient between the surface of the respiratory tract and the inhaled/exhaled air.

As opportunely stated, vapour pressure cannot be included in the calculation of effective temperature for non-sweating animals. The parameter T_{ef} has been designed to estimate the environmental action on only one interface at the time. Since in non-sweating animals the thermoregulatory evaporation and the main thermoregulatory sensible heat dissipation occur at different interfaces, that equation does not apply to chickens.

In the model reported in this thesis, this problem was overcome by estimating the relieving effect of respiratory evaporation on the heat excess for every simulation loop. The calculations were performed considering the vapour pressure gradient between the interface I_b and the surrounding micro-environment as well as the resistance of the

boundary layer of the upper respiratory tract (r_{v_r}).

Nonetheless, the problem of finding an adequate parameter for broiler chickens remains unsolved. The question is then whether it would ever be possible to find an answer to this request, or whether one should finally accept Monteith's omen (Monteith and Unsworth, 1990) about the infeasibility of any possible solution.

To understand Monteith's view, it may perhaps be necessary to examine the dynamics of the air in contact with the interfaces. Whilst at interface I_b there is a more predictable behaviour of the boundary layer (depending on the diameter of the bird and the air speed), the air circulating along the upper respiratory tract behaves in a completely different manner, following turbulent, more unpredictable patterns. Additionally, due to the recirculation of the air and the longitudinal thermal gradient established between the mouth and the bifurcation of the trachea, it is very difficult to estimate the driving force determining heat loss at I_b.

Even if a simple theoretical model of the dynamics at the surface of the upper respiratory tract were to be found, the combination of the action of both interfaces would be, at least, problematic. Recalling the methodology followed when accounting for the distinctive effect of the environment on feathered areas and bare appendages, the thermal resistance value of each of the fractions of I_b was multiplied by the proportion that each surface represents on the total area I_b area. This method would be unsuitable for integrating both interfaces, due to the fact that not only the thermal properties of the bird are different at both interfaces, but the micro-environmental conditions inside the trachea differ markedly from those to which I_b is subjected. Additionally, if both interfaces were to be integrated in one total interface, the environmental conditions to which both interfaces were originally subjected would be modified to render an average environmental burden. This would certainly affect the estimation of the heat dissipated from each section of the total interface.

Therefore, would it be valid to assume that the thermoregulatory responses of a bird depend upon two different environments and, consequently, on two different values of T_{ef}, i.e. T_{ef} of the interface I_b and T_{ef} of interface I_r? If that were the case, how could both values be combined in order to account for the real proportion that each represents in the total heat balance? How can the micro-environmental conditions in the respiratory tract be estimated based on the external conditions?

Considering what has been discussed above, the expression of the environmental action for broiler chickens in terms of equivalent temperatures may be literally impracticable, unless it was done in the context of a model able to estimate the latent heat loss from the respiratory tract, as in the case reported in this thesis.

11.3. The implications of the dynamic nature of thermoregulatory responses

One of the main, and probably most innovative, features of this work is the description of the thermoregulatory response in dynamic terms. As previously discussed, the time of exposure to a given thermal perturbation has a direct impact on the ability of the bird to maintain its *integrality*. This is another main factor determining the success of the thermoregulatory response.

The dynamic nature of thermoregulation has long been ignored by researchers. Typically, the "effect" of the micro-environmental conditions on the physiological parameters is studied using static diagrams. Such analyses consist mainly of producing "snapshots" of the physiological responses of an animal to a given environmental perturbation. As discussed in this thesis, this approach limits, in many ways, the understanding of what constitutes a successful thermoregulatory response.

In the first place, the simplistic approach of reducing the thermoregulatory response to the results of one observation ignores the continuous effort of the bird to stabilise its

otherwise rising entropy. Researchers should not be concerned only with the value attained by a certain physiological parameter, but also with the way in which the system achieved that value and the time taken to reach that state. Describing the trends in the behaviour of physiological parameters before reaching a given value (before that "snapshot) would help to predict the subsequent behaviour of the bird and the time it could withstand the environmental perturbation.

This takes us to the second consequence, which is the invalidation of those static diagrams (mistakenly called "steady-state" diagrams) utilised by scientists to estimate the values of different physiological variables when the bird is exposed to different environmental conditions. In Chapter 7 a solid theory regarding the unreliability of such values was presented, this unreliability increasing as the value of T_{ef} moves further away from the environmental conditions ensuring least thermoregulatory effort (LTE). If those "snapshots" are taken at different times, the shape of the resultant graphs change due to the dynamism of the physiological responses, especially when birds are exposed to extreme conditions. That behaviour was modelled in the exercises presented in Chapter 10.

Based on these premises, it is tempting to hypothesise how these ideas may apply to sweating animals. The main difference between the static theory of thermoregulation for sweating animals (Mount, 1979) and that for non-sweating animals (Humboldt's School papers) is the fact that the range of environmental conditions considered to induce LTE in the first model is replaced by a single point in the second model. The usual interpretation of the diagram shows that a progressive vasodilation occurs between the lower and upper limit of the zone of LTE. This means that at the time of the observations, the level of vasodilation was higher for animals exposed to warmer treatments. It would be interesting to evaluate the behaviour of the physiological variables of a sweating animal by exposing it to the range of environmental conditions considered to induce least thermoregulatory effort, but for longer periods than in the

original experiments. Most probably, if the observations were continued at periodic intervals beyond the "standard time" for all the treatments, the shape of the static diagrams ("snapshots") would get progressively closer to the distribution of values shown by the Humboldt School for non-sweating animals.

After performing simulation exercises with the model reported in Chapter 9, the author has realised that a sensible dynamic analysis of thermoregulation implies a more comprehensive approach. Many of the time-related effects of a thermoregulatory response are mediated by variables different from the few regularly considered; the pH imbalances resulting from prolonged panting are a clear example. Widening the scope of variables and thermoregulatory processes seems to be unavoidable. This will definitely require a more careful utilisation of the deletion rule commented on in Chapter 3.

Returning to the previous discussion on the dubious validity of the static theory of thermoregulation in non-sweating animals, there is an additional issue. If the spectrum of physiological variables to be considered in the study of the thermoregulatory responses were to be broadened, how would the idea of LTE and thermoneutrality be affected when considering the impact of sweating on the animal's water and mineral balances?

Unquestionably, there is an urgent need to review this aspect of the thermal relation between the bird and the environment. Considering the previous discussion, it would not be unreasonable to propose that time should be considered as another variable constituting the environmental perturbation, of the same relevance as T_a, e_a, R_{ni} and u. Perhaps, time may need to be included in the parameter accounting for the action of the environment on the bird.

Furthermore, a procedure to estimate the time the bird can be exposed to a given thermal perturbation without compromising its *integrality* would be of great use. The

concept of *Physiological Time* may constitute a rudimentary but promising starting point. The estimations can be performed by utilising simulation models similar to that described in Section 3 of this thesis, although ideally a more formal mathematical expression (or set of equations) should be finally produced.

11.4. Future research

The analysis of the thermal properties and thermoregulatory responses of a broiler chicken performed in this thesis has integrated concepts of environmental physiology and thermodynamics, utilising dynamic, mechanistic modelling techniques. The result is a valuable theoretical scaffold on which empirical research and simulation models can be developed in the future.

There are many aspects regarding the physiology of thermoregulation of birds that should be studied, or even reconsidered, in the light of the premises exposed in this thesis. Assumptions made in the construction of our simulation model, as well as the estimations obtained with the second version presented in this thesis, should be tested and validated experimentally. Furthermore, once the legitimacy of our theories regarding the thermoregulatory behaviour of birds has been proved, general expressions of those responses should be obtained through the formulation of mathematical models.

Only after being able to sensibly estimate the effect of the environment on the chicken, will it be possible to study the way in which a chicken flock affects the environmental conditions inside a broiler house. Only in that case it will be possible to answer the initial questions deriving from this project, regarding the spatial variations of the environmental conditions throughout a broiler house and the impact of the environment on the productivity of a chicken flock. This author believes that if the ideas delineated in this project are explored, it may be possible to answer those questions in the years to come.

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Appendices

Why are resistances expressed in units of s m^{-1}?

A1

The expression of resistances to water vapour transfer and heat transfer in units of [s m^{-1}] is usually difficult to assimilate for people not familiarised with the topic. Perhaps its similarity to units of velocity or acceleration makes it, somehow, incongruent with what is expected from heat a constant of proportionality for heat transfer (i.e. containing T or W).

According to Campbell (1977) [66]the utilisation of [s m^{-1}] originates from the analogy established between Fourier's Law for heat transfer and Ohm's Law for electrical currents, usually implemented to analyse heat transfer (Chapter 3 of this thesis).

The mathematical expression for Fourier's Law given in equation 3.5 is repeated here as equation A1.1.

$$\mathcal{H} = -\kappa \frac{\partial(\rho_{c_p} T)}{\partial z} \qquad (A1.1)$$

where $\mathcal{H}$ is heat transfer, κ is the thermal diffusivity of air, ρc_p is the volumetric heat capacity of the air, T is the temperature of the air, $(\rho c_p T)$ is the heat content per unit volume of air and $\partial(\rho c_p T)/\partial z$ is the gradient of heat content of the air, which is the driving force of the sensible heat transfer.

[66] *The content of this appendix has been taken and condensed from Campbell (1979).*

The value of κ for Fourier's Law is calculated with equation A1.2.

$$\kappa = \frac{\hbar}{\rho c_p} \qquad (A1.2)$$

where $\hbar$ is the thermal conductivity of the air [W m^{-1} K^{-1} or J s^{-1} m^{-1} K^{-1}] and ρc_p is the volumetric heat capacity of the air [J m^{-3} °C^{-1}]. Therefore, the units of κ are [m^2 s^{-1}], as expected for any diffusion coefficient.

Equation A1.3 shows the mathematical expression for Ohm's Law.

$$Current\ through\ resistances = \frac{potential\ difference\ across\ resistance}{voltage\ across\ the\ resistance} \qquad (A1.3)$$

To establish the analogy between heat transfer and electrical current, an integral form of equation A1.1 is utilised. The expression of Fourier's Law in terms of the Ohm's Law for rate of heat transfer is presented as equation A1.4.

$$\mathcal{H} = \frac{\rho c_p T}{\int dz/\kappa} \qquad (A1.4)$$

On the right side of the equation, the numerator represents the potential difference across the resistance, whilst the denominator represents the resistance to heat transfer.

A simple analysis of the dimensions shows that

$$[r] = \frac{[dz]}{[\kappa]} = \frac{[m]}{\left[\frac{m^2}{s}\right]} = \left[\frac{s}{m}\right]$$

A similar procedure applies for the resistance to water vapour transfer, except that it is derived from Fick's Law for mass transfer. In such a case the potential difference is the concentration of water vapour and the resistance is given by $\int dz/D$, being D the coefficient of diffusion for water vapour, also with units of [m^2 s^{-1}].

Representation of latent heat loss from the body surface (λE_b)

A2

A2.1. Introduction

This appendix presents some points to be considered if a more realistic representation of the insensible λE than the 20 % of M is to be considered in a simulation model. The exclusion of these equations from the model presented in chapters 9 and 10 has been pure consequence of the very limited computer skills of this author.

Section A2.2 is dedicated to the representation of the latent heat loss from the bare appendages, making emphasis on the estimation of the value of the resistance to water vapour transfer through the feather coat (r_{v_c}). A section on the modelling the latent heat loss from the bare appendages (λE_{b_n}) has been omitted since its magnitude can be estimated with the equations presented in section 8.3.2.1.

A2.2. Representation of latent heat loss from the feathered areas (λE_{b_f})

In section 8.3.2.2, λE_{b_f} was represented according to Equation A2.1.

$$\lambda E_{b_f} = \rho c_p \frac{(e_{s_f} - e_a)}{\gamma r_{v_f}} \qquad (A2.1)$$

Equation 8.11 (here presented as Equation A2.2) stated that r_{v_f} results from the

serial arrangement of the resistance of the feather coat to water vapour transfer (r_{v_c}) and the resistance of the boundary layer of the feathered areas to water vapour transfer ($r_{v_{af}}$).

$$r_{v_f} = r_{v_c} + r_{v_{af}} \qquad (A2.2)$$

The resistance of the skin to water vapour transfer $r_{v_{sf}}$ was neglected due to the assumption that the skin surface was almost saturated.

The value of $r_{v_{af}}$can be estimated with equation 8.11. Regarding r_{v_c}, this author was unable to find reliable values in the literature. McArthur (1987) publishes very interesting equations to estimate the resistance of cow and sheep hides to water vapour transfer. Unfortunately, the values of certain specific parameters have not been published for chickens, so the use of those equations is limited to those two species only.

A valid option is to find the value of r_{v_c} by iterating a group of equations. Following an approach similar to the one chosen to estimate the value of r_{s_n}(Equations 8.5, 8.6 and 8,7) (Fig. 8.7), the latent heat loss from the interface I_{bf} (λE_{b_f}) should be separated into two components: $\lambda E_{b_{f(s-c)}}$ (Equation A2.3) and $\lambda E_{b_{f(c-a)}}$ (Equation A2.4).

$$\lambda E_{b_{f(s-c)}} = \rho c_p \frac{\left(e_{s_f} - e_c\right)}{\gamma r_{v_c}} \qquad (A2.3)$$

where e_{s_f} is the vapour pressure of the skin surface of the feather area, e_c is the vapour pressure at the surface of the feather coat and γ is the psychrometric constant (0.066 kPa K^{-1}).

$$\lambda E_{b_{f(c-a)}} = \rho c_p \frac{(e_c - e_a)}{\gamma r_{v_{af}}} \qquad (A2.4)$$

where $r_{v_{af}}$ is the resistance of the boundary layer of the feathered areas to water vapour transfer.

If the broiler chicken is assumed to be in a thermal steady state, then the evaporative heat loss from the skin surface to the surface of the feather coat ($\lambda E_{b_{f(s-c)}}$) should be equivalent to the latent heat loss across the boundary layer, between the coat surface and the surrounding air ($\lambda E_{b_{f(c-a)}}$).

$$\lambda E_{b_{f(s-c)}} = \lambda E_{b_{f(c-a)}}$$

Then

$$\rho c_p \frac{\left(e_{s_f} - e_c\right)}{\gamma r_{v_c}} = \rho c_p \frac{(e_c - e_a)}{\gamma r_{v_{af}}}$$

$$\frac{\left(e_{s_f} - e_c\right)}{r_{v_c}} = \frac{(e_c - e_a)}{r_{v_{af}}}$$

Finally, the value of r_{v_c} can be estimated using Equation A2.5.

$$r_{v_c} = r_{v_{af}} \frac{\left(e_{s_f} - e_c\right)}{(e_c - e_a)} \qquad (A2.5)$$

Equation A2.5 includes the parameter e_c (vapour pressure at the surface of the feather coat) which is unknown. It could be estimated by psychrometry only if

the value of RH were available. The variable e_c can also be expressed in terms of $\lambda E_{b_{f(c-a)}}$ after rearranging Equation A2.4, as shown in Equation A2.6.

$$e_c = e_a + \frac{\lambda E_{b_{f(c-a)}} \gamma \, r_{v_{af}}}{\rho c_p} \qquad (8.16)$$

Equation A2.6 still shows an unknown term: $\lambda E_{b_{f(c-a)}}$. It can be expressed as a function of the total latent heat loss from the interface I_b (λE_b), but in this case the mathematical expression of λE_b is needed.

Considering the previous assumption that the feather coat of a chicken represents approximately 85 % of the surface area of I_b, the resistance of the interface I_{b_f} contributes 85 % of the value of the total resistance of interface I_b (r_{v_b}), whilst I_{b_n} contributes the remaining 15 %. If the total resistance of feathered areas are arranged in parallel to those of the bare appendages, then Equation 8.8 (Chapter 8) can be expressed as Equation A2.7.

If

$$\lambda E_b = \frac{\rho c_p}{\gamma} \left\{ \frac{\left(\overline{e_{s_b}} - e_a\right)}{\left[0.85\left(\left(r_{v_{af}}\right)^{-1} + \left(r_{v_c}\right)^{-1}\right) + 0.15\left(r_{v_{an}}\right)^{-1}\right]^{-1}} \right\}$$

where $\overline{e_{s_b}}$ is the average vapour pressure of the skin of I_b (it includes $e_{s_n}$and e_{s_f}), then

$$\lambda E_b = \frac{\rho c_p}{\gamma}\left(\overline{e_{s_b}} - e_a\right)\left(\frac{0.85}{r_{v_{af}} + r_{v_c}} + \frac{0.15}{r_{v_{an}}}\right).$$

Finally

$$\lambda E_b = \frac{\rho c_p}{\gamma}\left(e_{s_f} - e_a\right)\left(\frac{0.85}{r_{v_{af}} + r_{v_c}}\right) + \frac{\rho c_p}{\gamma}\left(e_{s_n} - e_a\right)\left(\frac{0.15}{r_{v_{an}}}\right) \qquad (A2.7)$$

In Equation A2.7, the first term on the right hand side of the equation represents the latent heat loss from the feathered areas (λE_{b_f}), where e_{s_f} is the vapour pressure of the skin of the feathered areas. The second term is the latent heat loss from the bare appendages (λE_{b_n}), where e_{s_n} is the vapour pressure of the skin of the bare appendages. Then, the value of λE_{b_f} can be estimated by using Equation A2.8.

$$\lambda E_{b_f} = \lambda E_b - \frac{\rho c_p}{\gamma}\left(e_{s_n} - e_a\right)\left(\frac{0.15}{r_{v_{an}}}\right) \qquad (A2.8)$$

Assuming that the bird is in a thermal steady state, equation A2.9 becomes true.

$$\lambda E_{b_f} = \lambda E_{b_{f(s-c)}} = \lambda E_{b_{f(c-a)}} \qquad (A2.9)$$

Then the value of λE_{b_f} can be used in Equation A2.6 in place of $\lambda E_{b_{f(c-a)}}$.

Going back to our initial problem, i.e. the unknown value of r_{v_c}, Equations A2.5, A2.6, A2.7 and A2.8 can be linked in an iteration cycle as shown in Figure 8.8.

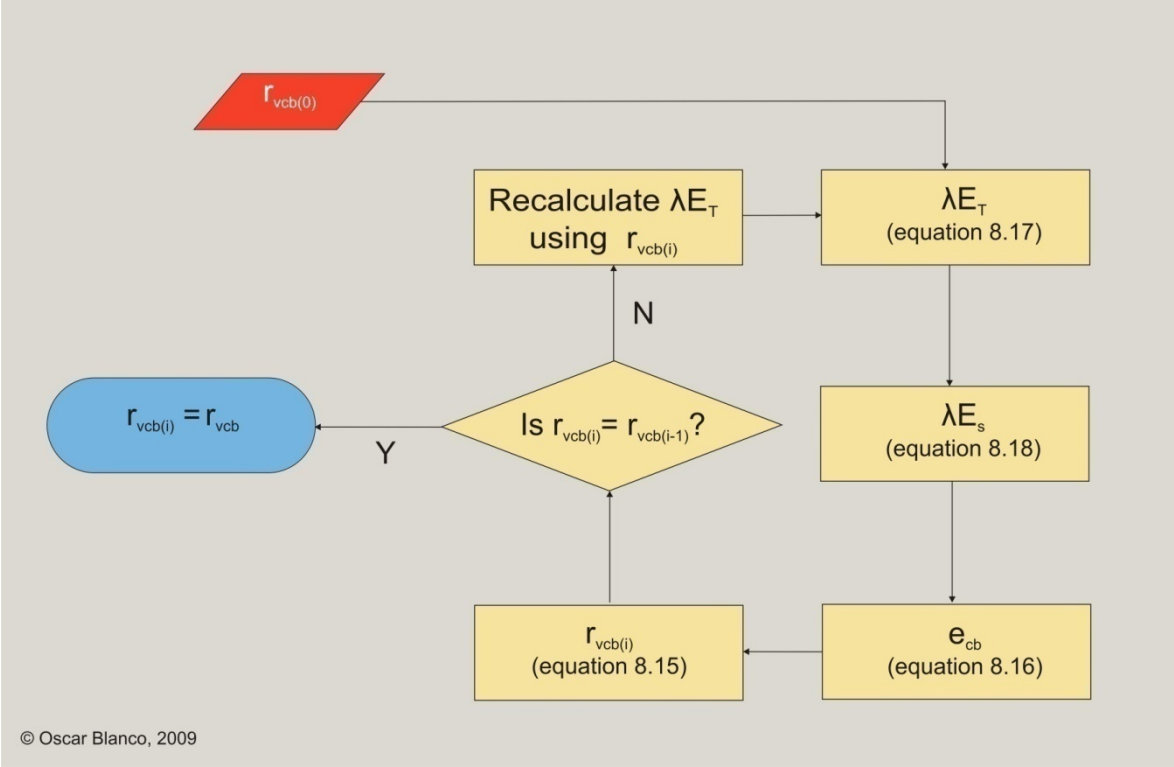

Figure A2.1. *Flow diagram of the iterating process for the estimation of* r_{v_c}. *The process starts with a tentative value of the resistance of the feather coat to water vapour transfer* ($r_{v_{c(0)}}$). *The process stops when the value of the resistance of the feather coat to water vapour transfer at the iteration cycle (i)* ($r_{v_{c(i)}}$) *is the same as the value of the resistance in the previous iterating cycle* ($r_{v_{cb(i-1)}}$).

The cycle of iterations starts with an aleatory value of the resistance of the feather coat to water vapour transfer ($r_{v_{c(0)}}$). That value is used in Equation A2.7 to estimate the total value of the latent heat form the animal (λE_b). Then, the values of λE_b and λE_n are used to estimate e_c using Equation A2.6. Finally, Equation A2.5 estimates the resistance of the feather coat to water vapour transfer at the end of each iteration cycle ($r_{v_{c(i)}}$). If the value of $r_{v_{c(i)}}$ is the same as that of the previous cycle ($r_{v_{c(i-1)}}$), then $r_{v_{c(i)}}$ is the value the model is seeking. Otherwise, $r_{v_{c(i)}}$ is used as input for Equation A2.7 for a new iteration cycle.

A2.3. References

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Nomenclature system

A3

This appendix includes tables and figures explaining the nomenclature system utilised to generate the different symbols utilised in this thesis.

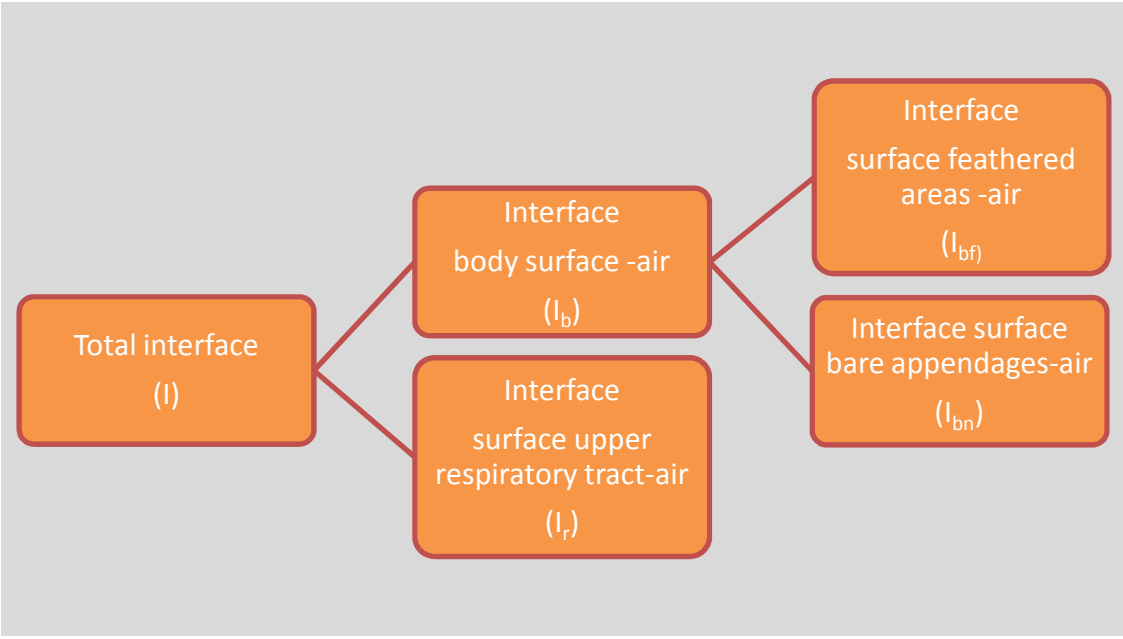


Figure A3.1. *Hierarchy of interfaces in a broiler chicken.*

Table A3.1. *Nomenclature system: Total values*

		Total	I_r	I_b	I_{b_f}	I_{b_n}
Resistance	To heat transfer	r_T	r_r	r_b	r_f	r_n
	To water vapour transfer	r_{v_T}	r_{v_r}	r_{v_b}	r_{v_f}	r_{v_n}
Heat	Sensible heat	H	H_r	H_b	H_f	H_n
	Latent heat	λE	λE_r	λE_b	λE_f	λE_n
Vapour pressure		e	e_r	e_b	e_f	e_n

Table A3.2. *Nomenclature system: Values for feathered areas*

		Skin	Feathered coat	Boundary layer
Resistance	To heat transfer	r_{s_f}	r_c	r_{HR_f}
	To water vapour transfer	$r_{v_{sf}}$	r_{v_c}	$r_{v_{af}}$
Heat	Sensible heat	H_{s_f}	H_c	H_{a_f}
	Latent heat	λE_{s_f}	λE_c	λE_{a_f}
Vapour pressure		e_{s_f}	e_c	–

Table A3.3. *Nomenclature system: mare appendages*

		Skin	Boundary layer
Resistance	To heat transfer	r_{s_n}	r_{HR_n}
	To water	$r_{v_{sn}}$	$r_{v_{an}}$

	vapour transfer		
Heat	Sensible heat	H_{s_n}	H_{a_n}
	Latent heat	λE_{s_n}	λE_{a_n}
Vapour pressure		e_{s_n}	–

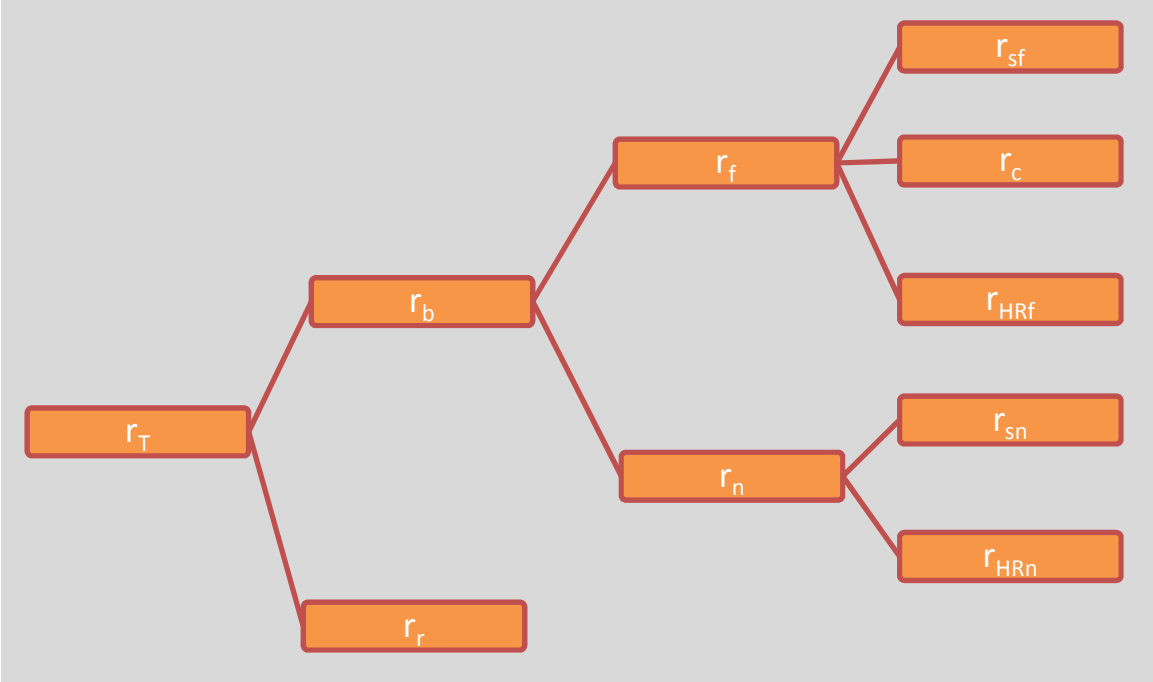


Figure A3.2. *Hierarchy of the resistances to sensible heat transfer for a broiler chicken.*

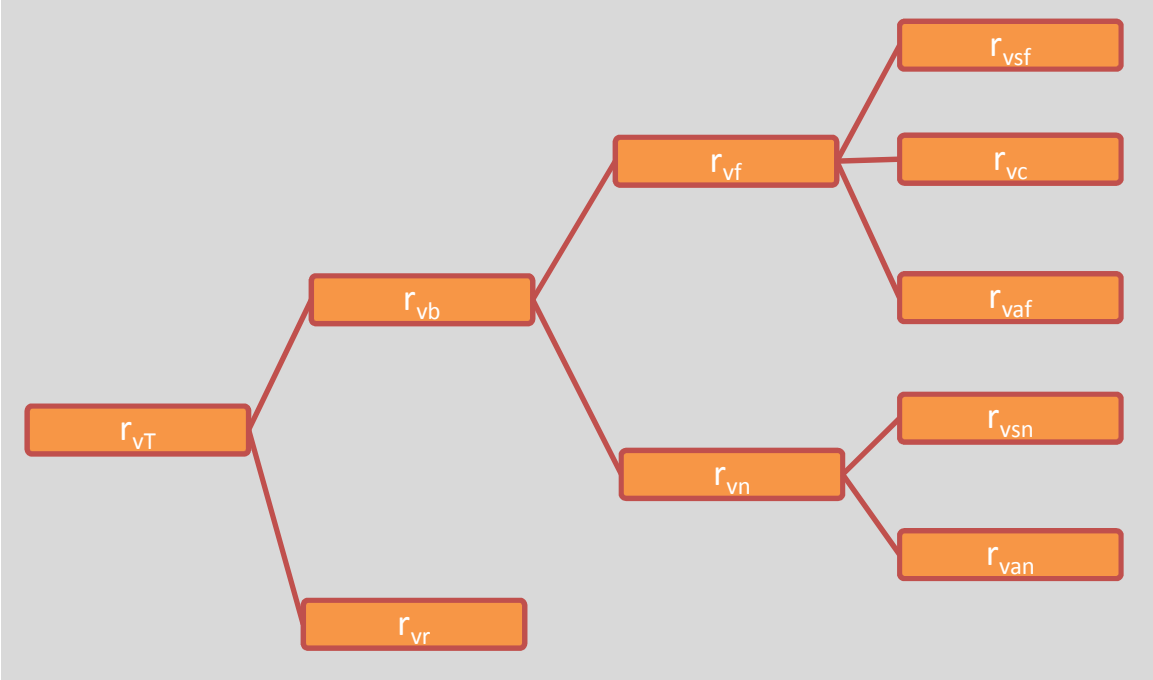


Figure A3.3. *Hierarchy of the resistances to water vapour transfer for a broiler chicken.*

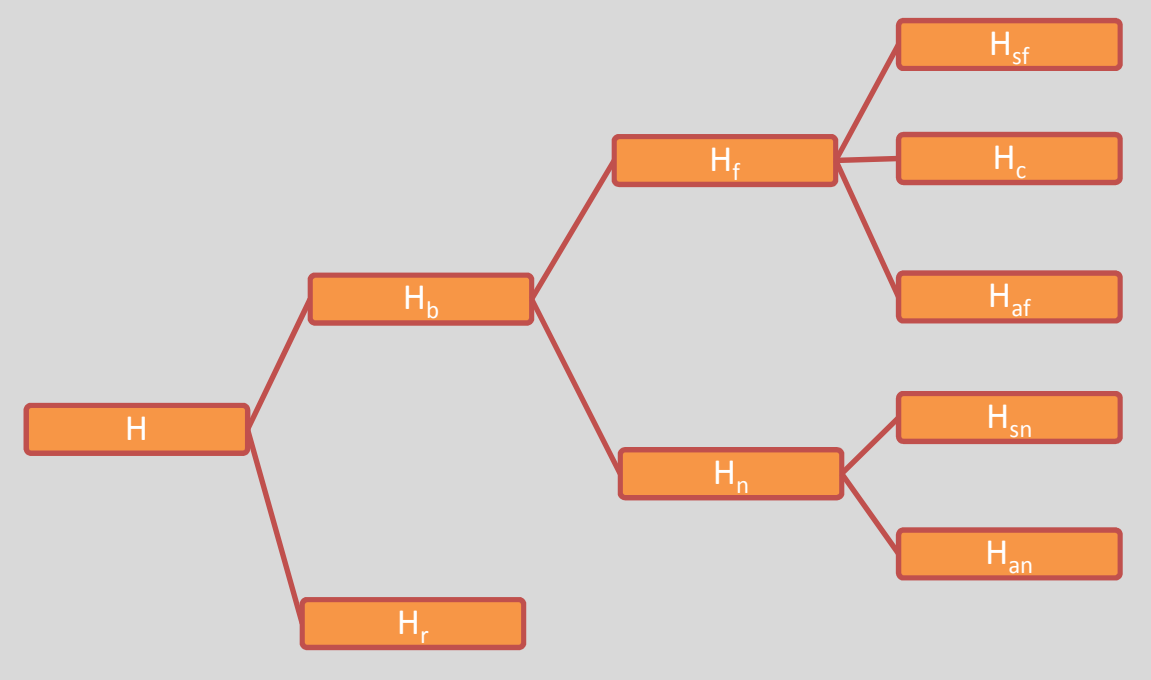


Figure A3.4. *Hierarchy of sensible heat transfer for a broiler chicken.*

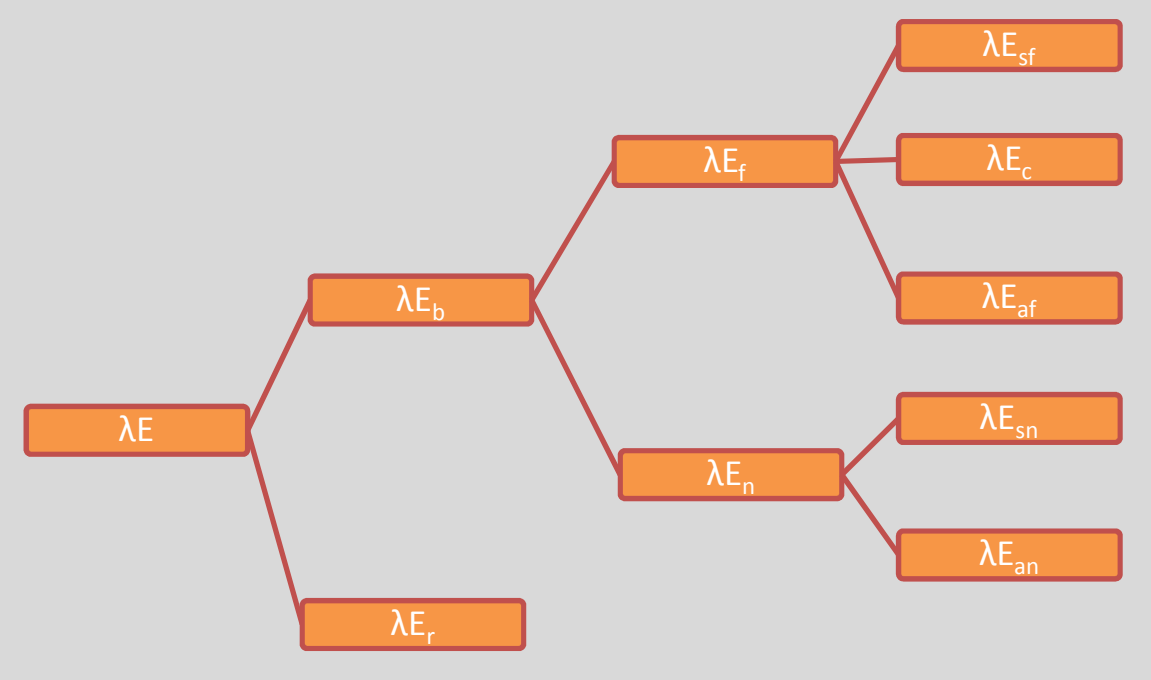


Figure A3.5. *Hierarchy of latent heat transfer for a broiler chicken.*

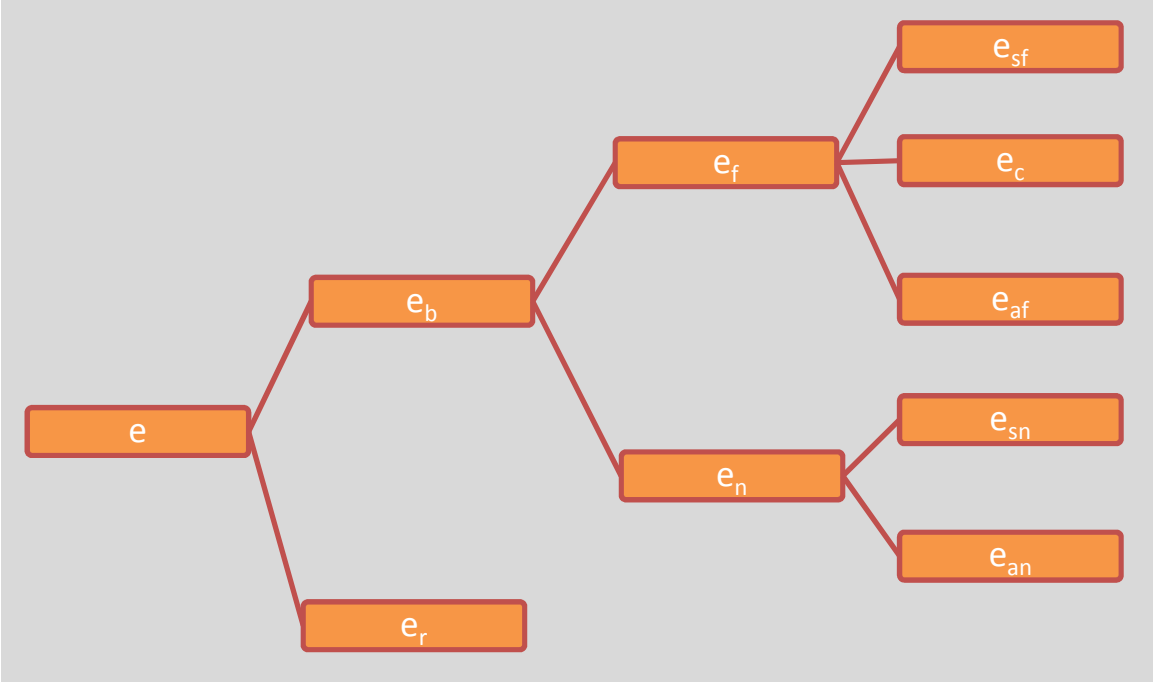


Figure A3.6. *Hierarchy of vapour pressures for a broiler chicken.*

How to use this model

In this CD, the reader will find the version of the model used to simulate the responses discussed in Chapter 6 of this report.

The model is presented in Excel (.xls) format and consists of two spreadsheets, one for the estimation of TNT and another for the estimation of the effect of the micro-environmental conditions on the heat balance of the broiler. Five charts showing the graphical representation of the results have also been included.

IMPORTANT: THIS MODEL HAS BEEN CREATED IN EXCEL 2003 AND IT IS HIGHLY RECOMMENDED TO RUN IT USING SUCH SOFTWARE. OPENING IT USING EXCEL 2007 HAS PROVEN TO BE FRUSTRATINGLY SLOW AND TROUBLESOME.

In the following paragraphs, basic instructions for running simulations are outlined.

Estimation of *TNT*

This spreadsheet is divided into three fields:

- *Field* ***Equations***

  Displays the main equations used in the estimation of TNT.

- *Field* ***Input***

  The values of the variables are entered or calculated in this field. The values of the constants are also displayed. The different types of variables have been differentiated by the use of the following colour-code:

  - Red: Values entered by the user. They are enclosed in white cells with black, bold borders (input boxes).
  - Blue: Variables calculated using the values entered in the input boxes (auxiliary calculations). They should not be modified.
  - Black: These are constants and should not be modified.

- *Field* ***Calculations***

  This field includes an input box called TNT_0 and four columns labelled T_{s_n}, H_n, r_{s_n} and TNT.

Instructions for estimating TNT

a- In the field *Input*, enter the air velocity (u), the body weight of the bird (W) and the thermal resistance of the feather coat (r_c). The user should bear in mind that the model has been developed for a broiler after the third week of age, so a W between 750 g and 2000 g and a value of r_c of approximately 400 s m^{-1} are recommended. Once this step has been completed, the four columns of the field *Calculations* should exhibit changes.

b- In the input box TNT_0 of the field *Calculations*, enter a value close to the one displayed in the first cell of the column TNT. Changes in the values of the four columns of this field should be observed.

c- Enter a new value in the input box TNT_0, preferable an intermediate number between the one previously entered and the one displayed in the first cell of column TNT. Repeat this operation until the input box TNT_0 and the last cell of the column TNT display the same value (considering three decimal places). Such a value is assumed to be TNT for the simulated animal.

Estimation of the effect of the micro-environmental conditions on the heat balance of a broiler

In this spreadsheet the screen is split into two horizontal panes. The upper pane displays the variables, constants and auxiliary calculations related to the environment (on the left-hand side of the screen) and to the animals (on the right-hand side of the screen). The colour coding used in the spreadsheet Estimation of TNT applies also to this spreadsheet.

For the meaning of the symbols displayed in the upper pane, the reader is referred to the *Table of symbols and abbreviations* located at the beginning of the thesis document.

The lower pane displays the calculations for estimating the effect of the micro-environmental conditions on the heat balance of the broiler. They have been arranged in

29 columns, each with 14400 cells (one cell = 1 s of the 4-hour period of simulation). The parameters estimated in this pane, the symbols representing them, the units in which they have been expressed, and their most important characteristics are summarised in Table 1.

Table 1. *Parameters used to estimate the effect of the micro-environmental conditions on the heat balance of a broiler.*

Symbol	Parameter	Units	Comments
$t\ (h)$	Time expressed in hours	h	
$t\ (s)$	Time expressed in seconds	s	
T_b	Body temperature	ºC	Assumed to be 41º C at Time (s) = 0
TNT	Thermoneutral temperature or point of least thermoregulatory effort	ºC	Obtained by iteration in previous spreadsheet
T_{ef}^*	Actual effective temperature	ºC	Calculated from input values of micro-environmental variables
T_{s_n}	Skin temperature of the bare appendages	ºC	Linked to the calculation of T_{s_n} in the field Calculations of the previous spreadsheet
T_{sn} (5 min)	Expected Skin temperature of the bare appendages after 5 min of exposure to T_{ef}^*.	ºC	It was assumed that the maximum vasodilation is achieved in such time.
dT_{s_n}/dt	Variation of T_{s_n} per unit of time.	ºC s^{-1}	Considering 1 s as unit of time and assuming that the maximum vasodilation is achieved in 5 minutes.
$T_{s_{a(i)}}$	Skin temperature of the bare appendages at time i.	ºC	Shows the new value of T_{s_n} after i-seconds of exposure.
H_n	Sensible heat loss from the bare appendages	W m^{-2}	

Table 1. *Parameters used to estimate the effect of the micro-environmental conditions on the heat balance of a broiler.*

Symbol	Parameter	Units	Comments
H_n (5 min)	Sensible heat loss from the bare appendages after 5 min of exposure.	W m^{-2}	It was assumed that the maximum vasodilation is achieved in 5 min.
dH_n/dt	Variation of H_n per unit of time.	J m^{-2}	Considering 1 s as unit of time and assuming that the maximum vasodilation is achieved in 5 minutes.
$H_{n(i)}$	Sensible heat loss from the bare appendages.	W m^{-2}	Shows the value of H_n after i-seconds of exposure.
$H_{n(i)_T}$	Total sensible heat flux from the bare appendages to the surrounding environment.	W	Accounts the total amount of heat dissipated from the surface of the broiler as sensible heat.
r_{s_n}	Thermal resistance of the skin of the bare appendages.	s m^{-1}	Accounts for the thermal resistance at least thermoregulatory effort.
r_{s_n} (5 min)	Thermal resistance of the skin of the bare appendages expected after 5 min of exposure to the thermal treatment	s m^{-1}	It was assumed that the maximum vasodilation is achieved 5 min.
dr_{s_n}/dt	Variation of thermal resistance per unit of time	m^{-1}	This value is negative for any $T_{ef}^{*} > TNT$ since resistance after 5 min of exposure is expected to be lower than the resistance at TNT. The unit of time is 1 s.
$r_{s_{n(i)}}$	Cumulative reduction of r_{s_n}	s m^{-1}	Shows the progressive reduction of r_{s_n} after i-seconds of exposure.
H_f	Sensible heat flux density from the feathered body to the surrounding environment.	W m^{-2}	Every second, the amount of heat dissipated per unit of surface area for the difference $T_b - T_{ef}$ is estimated. Considering that the time unit in this simulation is 1 s, it would be more precise

Table 1. *Parameters used to estimate the effect of the micro-environmental conditions on the heat balance of a broiler.*

Symbol	Parameter	Units	Comments
			to express it as J m^{-2}.
H_{b_T}	Total sensible heat flux from the feathered body to the surrounding air.	W	Calculated dividing H_b by the surface area of the animal.
HE	Heat excess	W	Heat that could not be dissipated by sensible means
r_{v_r}	Resistance to water vapour loss from the respiratory system.	s cm^{-1}	The parameter shows the variation in r_{vr} due to the variation in RR during the exposure to a given micro-environment.
$\lambda E_{r(i)}$	Evaporative heat loss from the surface of the upper respiratory tract expressed as heat flux density.	W m^{-2}	It shows the variation in the amount of heat dissipated from the respiratory tract per unit of time as RR increases.
$\lambda E_{r(i)_T}$	Total amount of heat lost by evaporation from the respiratory tract per unit of time.	W	Calculated by dividing $\lambda E_{r(i)}$ by the surface area of the animal.
S	Heat excess	W	Heat that could not be dissipated by any means.
dT_b	Variation of T_b after S	°C	Calculated as the product between S and the heat capacity of the tissues.
$T_{b(i+1)}$	Value of T_b after i-seconds of exposure.	°C	Calculated by adding dT_b to the value of T_b at the beginning of the simulation cycle. This value is used as T_b in the new loop of simulations.
$RR_{(i)}$	Respiratory rate after i-seconds of exposure.	min^{-1}	Shows the variation of RR throughout the simulation period.

Instructions for simulating the micro-environmental effect on broiler chickens

a- In the field Micro-environment of the upper pane, enter the values of T_a, RH and R_{ni}. The value of u has already been entered when estimating TNT.

b- The variables describing the bird have already been entered when estimating TNT.

c- The numerical results of the simulation are displayed in the bottom pane of this spread sheet.

d- The graphical representation of the data are presented in the charts:

- T_b *vs.* time of exposure
- Non-cumulative HE *vs.* time of exposure
- Non-cumulative S *vs.* time of exposure
- TNT *vs.* time of exposure
- T_b as a result of HE, RR and S (also expressed in function of time).

NOTE: The use of a full-screen view is recommended.

ESTIMATION OF TNT

EQUATIONS

(Eq. 3.4) $T_{sn} = 0.25\ T_{ef} + 32$

(Eq. 3.2) $H_n = (T_{sn} - T_{ef})\ (r_{HRn})^{-1} \rho\ c_p$

$r_{sn} = (T_b - T_{sn})\ (H_a)^{-1}\ \rho\ cp$

(Eq. 5.3) $TNT = T_b - (0.85\ (r_c + r_{HRf})^{-1} + 0.15\ (r_{sn} + r_{HRn})^{-1})^{-1}\ H_{TNT}\ (\rho\ c_p)^{-1}$

INPUT

MICROENVIRONMENT

u	0.1	m s^{-1}
ρ cp	**1220**	J m^{-3} $°C^{-1}$

ANIMAL

T_b	41	°C
W	2000	g
H_{TNT}	**72.63**	W m^{-2}
Body Surface feathered Area (A_f)	**0.1628**	m^2
d_f	**0.23**	m
d_n	0.02	m
r_c	450	s m^{-1}
r_{Hf}	**462.24**	s m^{-1}
r_R	**250**	s m^{-1}
r_{HRf}	**162.25**	s m^{-1}
r_{Hn}	**137.01**	s m^{-1}
r_{HRn}	**88.50**	s m^{-1}

CALCULATIONS

Enter the expected value of TNT in the white box .

Change the value until TNT_0 is equal to the last value of the TNT column.

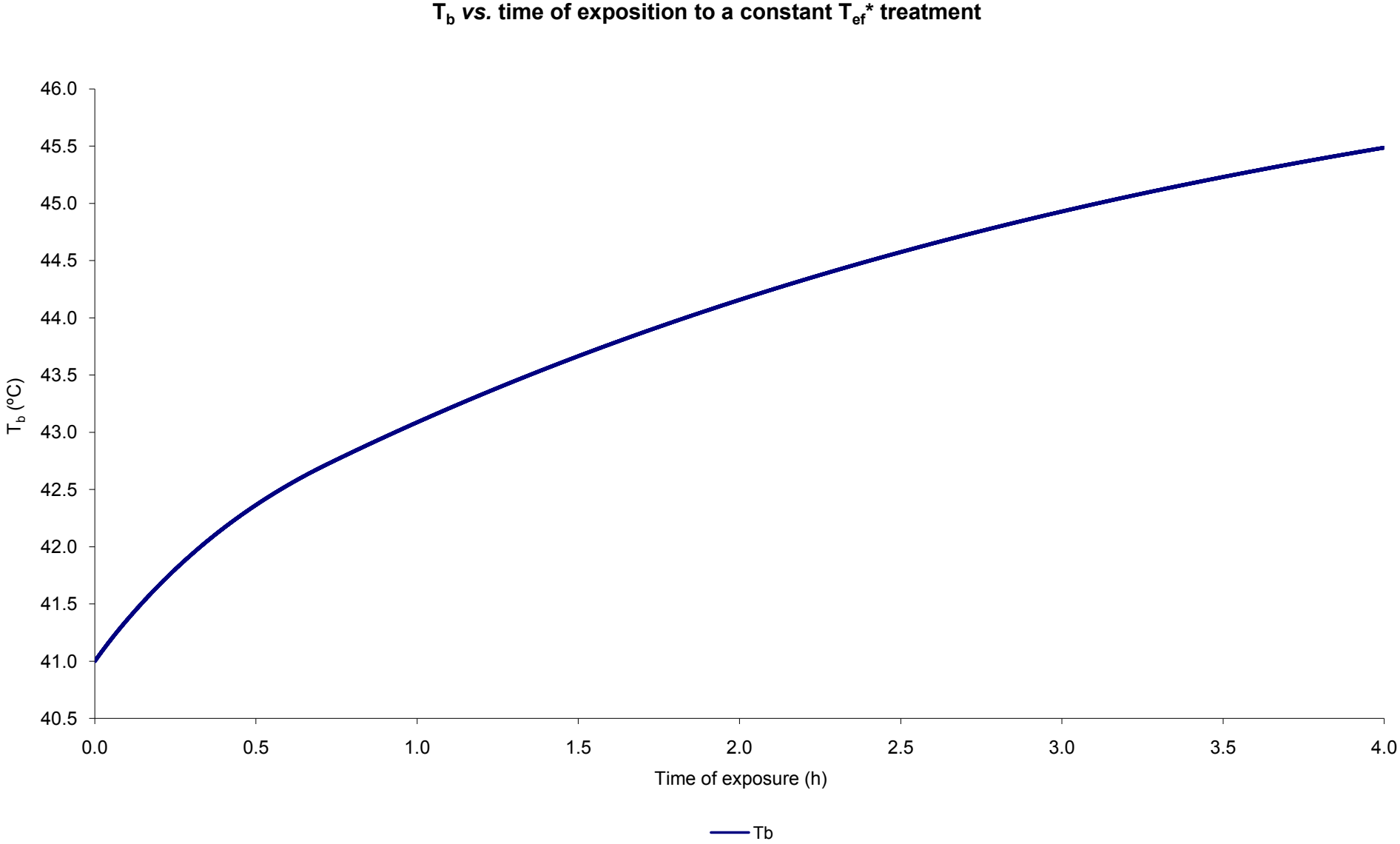
TNT_0 **19.41** °C

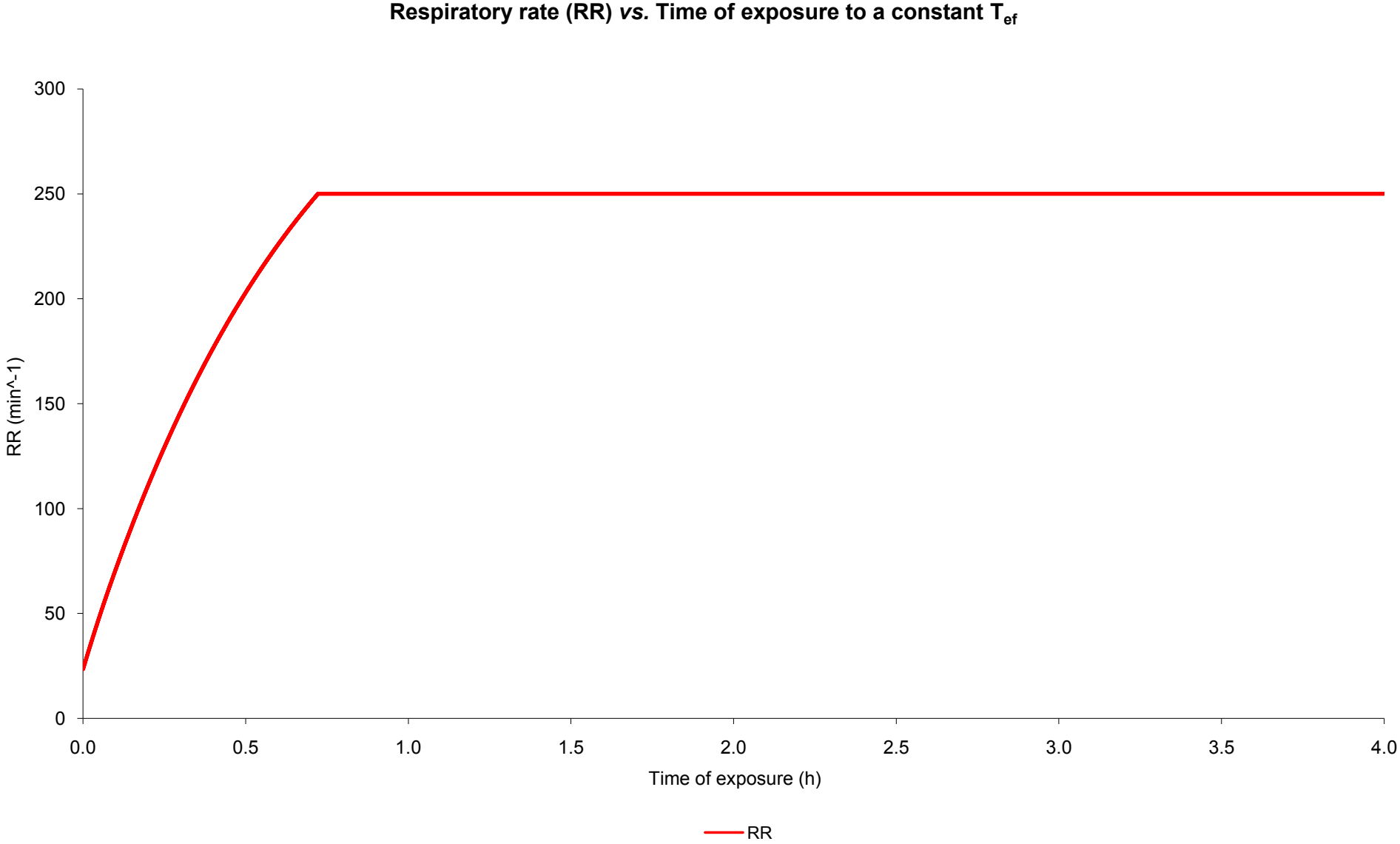
T_{sn}	H_n	r_{sn}	TNT
36.85	240.44	21.04	19.412
36.85	240.41	21.04	19.413
36.85	240.41	21.04	19.413
36.85	240.41	21.04	19.413
36.85	240.41	21.04	19.413
36.85	240.41	21.04	19.413
36.85	240.41	21.04	19.413
36.85	240.41	21.04	19.413

W(g)	Heat tot calculated (Wm-2)
50	
67	68.84
79	69.95
93	70.65
109	74.45
128	77.93
149	81.65
173	85.16
201	88.28
232	91.36
267	94.14
298	98.00
336	100.34
378	102.41
423	104.39
473	106.00
528	107.25
586	108.47
649	109.37
717	110.01
790	110.42
867	110.70
945	111.08
1026	111.29
1111	111.30
1198	111.25
1284	109.31
1369	107.20
1454	105.00
1544	102.82
1626	101.25

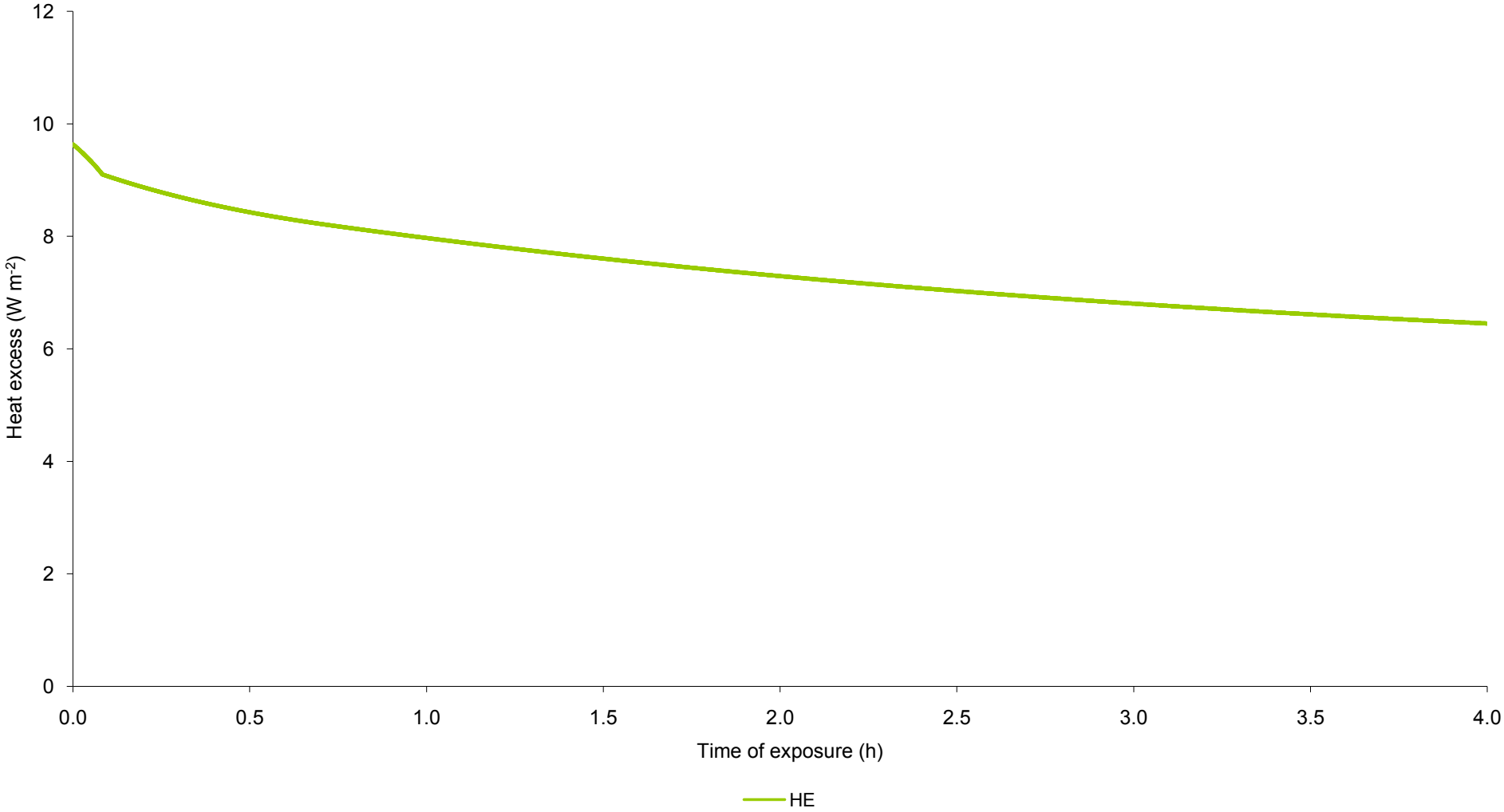
Auxiliar data for the calculation of $H_{TNT.}$
They have been calculated based on the estimations of daily heat production obtained from the EFG Broiler Model

1707	99.77
1788	98.36
1868	97.05
1948	95.78
2028	94.57
2107	93.44
2186	92.35
2264	91.34
2342	90.37
2419	89.47
2495	88.63
2571	87.82

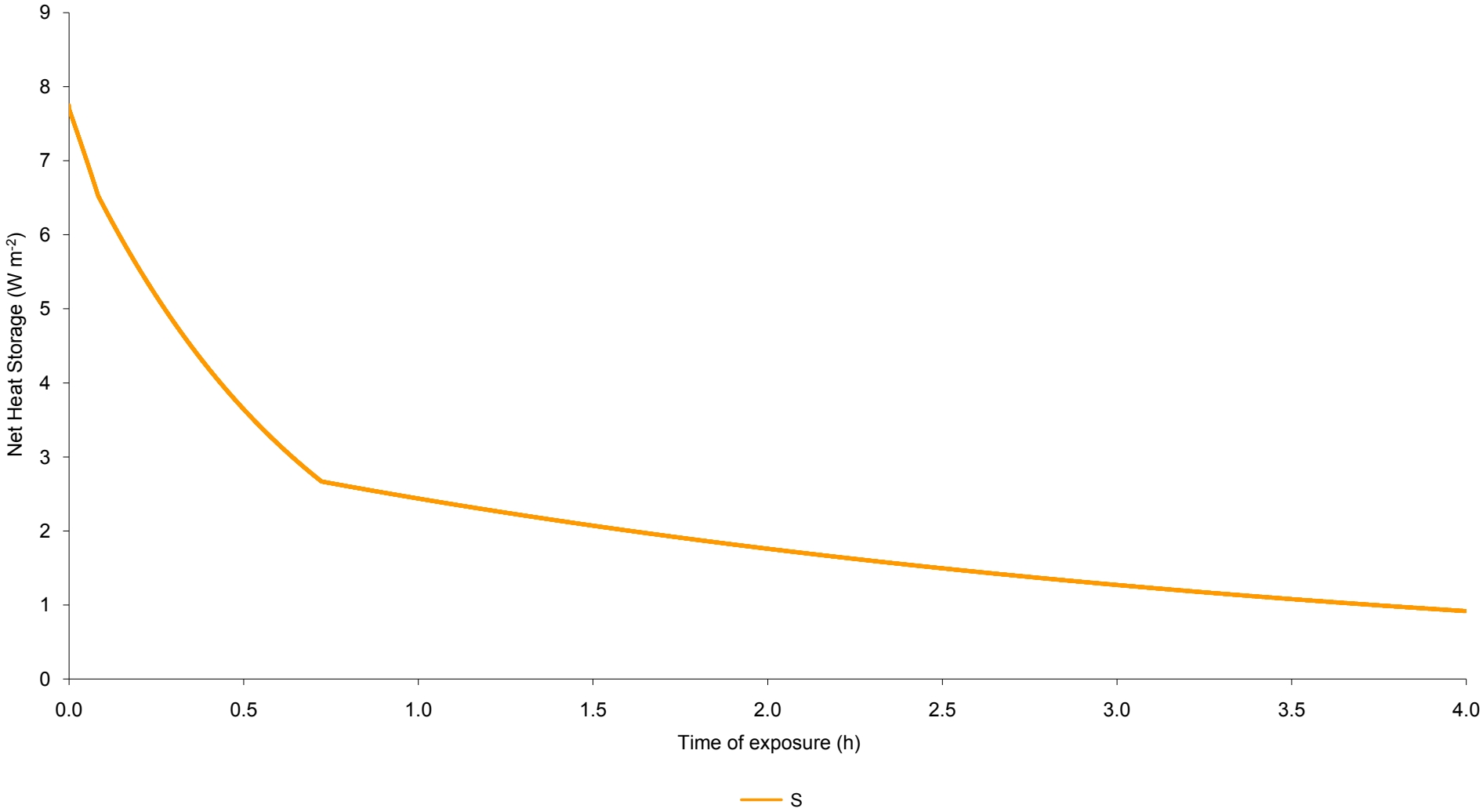

T_b *vs.* time of exposition to a constant T_{ef}* treatment
46.0
45.5
45.0
44.5
44.0
43.5
43.0
42.5
42.0
41.5
41.0
40.5
T_b (ºC)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Time of exposure (h)
Tb

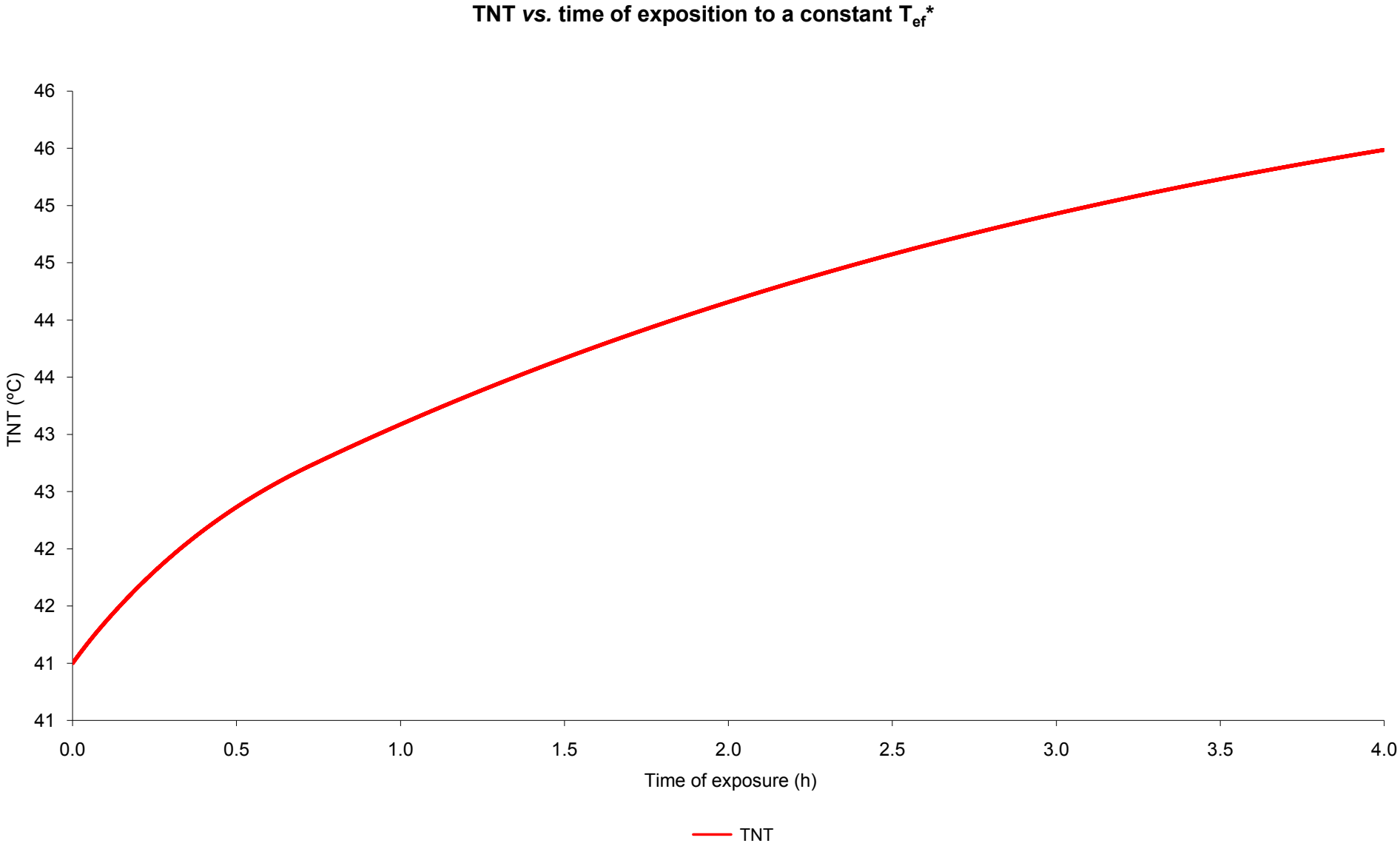

Respiratory rate (RR) vs. Time of exposure to a constant T_{ef}
300
250
200
150
100
50
0
RR (min^-1)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Time of exposure (h)
RR

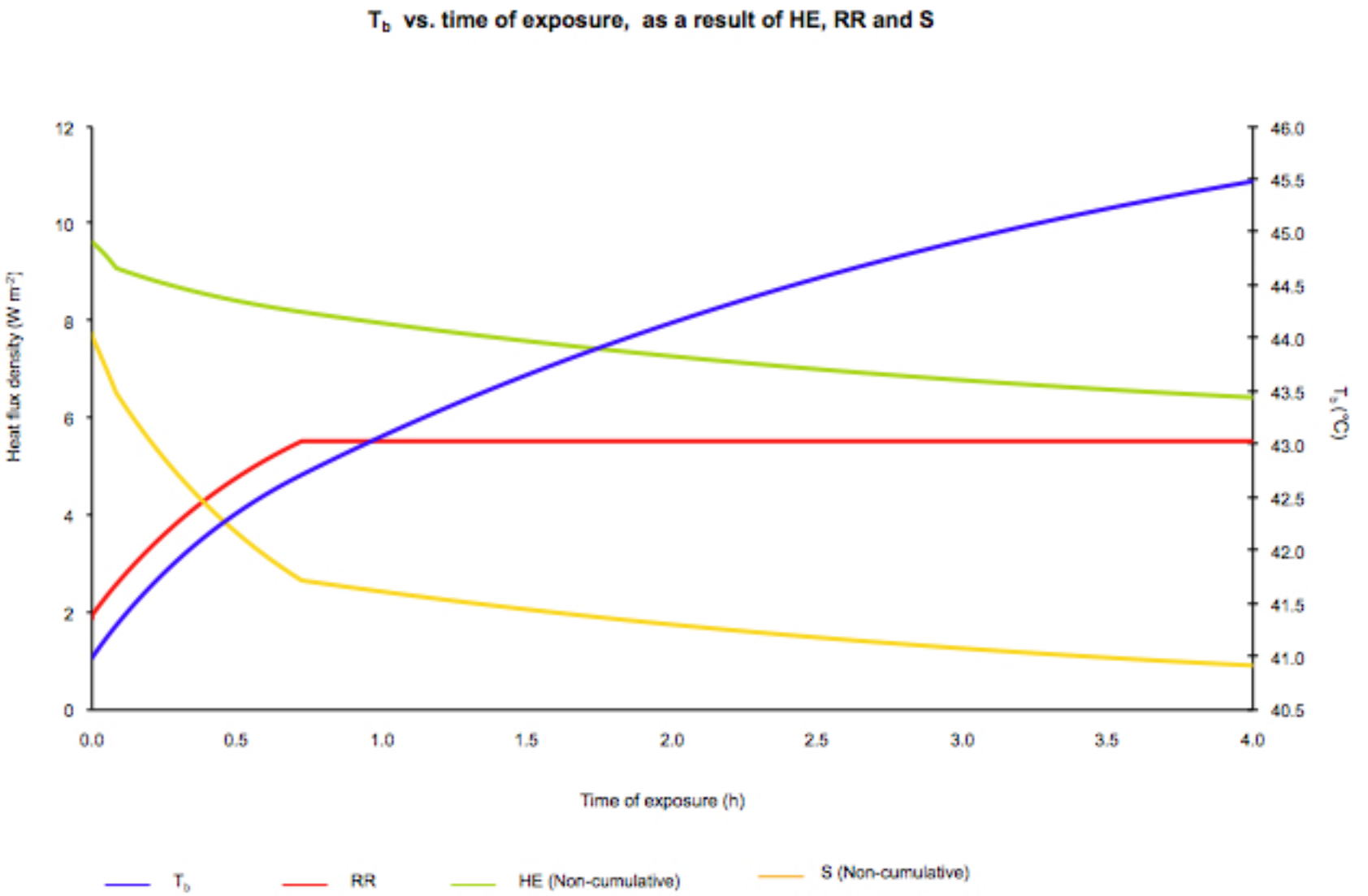
Non-cumulative Heat Excess (HE) *vs.* time of exposure to a constant T_{ef}*



Non-cumulative Heat Storage (S) *vs.* time of exposition to a constant T_{ef}*




TNT vs. time of exposition to a constant Tef*
46
46
45
45
44
44
43
43
42
42
41
41
TNT (°C)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Time of exposure (h)
TNT


T_b vs. time of exposure, as a result of HE, RR and S
Heat flux density (W m^{-2})
T_b (°C)
Time of exposure (h)
0
2
4
6
8
10
12
40.5
41.0
41.5
42.0
42.5
43.0
43.5
44.0
44.5
45.0
45.5
46.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
T_b
RR
HE (Non-cumulative)
S (Non-cumulative)

ESTIMATION OF THE EFFECT OF MICRO-ENVIRONMENTAL CONDITIONS ON THE HEAT BALANCE OF A BROILER

INPUT

MICRO-ENVIRONMENT

VARIABLES

Ta	25	°C
R_{ni}	20	W m^{-2}
u	0.1	m s^{-1}
RH	60	%

CONSTANTS

ρc_p	1220	J m^{-3} °C^{-1}	
γ	0.067	kPa K^{-1}	
r_R	250	s m^{-1}	
λ	2406	J g^{-1}	(at 40°C) (Monteith and Unsworth, 1990)

AUXILIARY CALCULATIONS

e_{sat}	3.17	kPa
e_{actual}	1.90	kPa

BIRD

VARIABLES

W	2000	g	
H_{TNT}	72.63	W m^{-2}	
r_c	450	s m^{-1}	
c_b	3.5	J g^{-1} °C^{-1}	
T_{b0}	41	°C	(Lower normal limit)

AUXILIARY CALCULATIONS

A_f	0.1628	m^2	
d_f	0.23	m	
r_{Hf}	462.24	s m^{-1}	
r_{HRf}	162.25	s m^{-1}	
RR_{min}	14.04	min^{-1}	
r_{vr}	92.42	s cm^{-1}	
e_r	7.78	Kpa	
$\lambda E_{r,TNT}$	11.58	W m^{-2}	
$\lambda E_{b,TNT}$	11.58	W m^{-2}	(approximation)
$\lambda E_{T,TNT}$	23.16	W m^{-2}	
d_n	0.02		
r_{Hn}	137.01	s m^{-1}	
r_{HRn}	88.5048	s m^{-1}	

CALCULATIONS

t (h)	t (s)	T_b	TNT	T_{ef} *	T_{sn}	T_{sn}(at 5')	dT_{sn}/dt	$T_{sn(i)}$	H_n	H_n(at 5')	dH_n/dt	$H_{n(i)}$	$H_{n(i)T}$	r_{sn}	r_{sn} (at 5')	dr_{sn}/dt	$r_{sn(i)}$	H_f	H_{fT}	HE		$r_{vr(i)}$	$\lambda E_{r(i)}$	$\lambda E_{r(i)T}$	S	dT_b	$T_{b(i+1)}$	RR
0.0000	0	41.0000	19.413		36.8531				-2.02458					21.04													
0.0003	T	1	41.0000	19.413	37.00	41.2500	0.0147	36.868		58.58	0.2020	-1.823	-0.045		-5.21	-0.09	20.956	13.462	2.192	9.633			11.578	1.8851	7.74750	0.00111	41.0011	23.360
0.0006		2	41.0011	19.422	37.00			36.882				58.584	1.431				20.869	13.471	2.193	9.631		89.882	11.905	1.9384	7.69275	0.00110	41.0022	23.506
0.0008		3	41.0022	19.432	37.00			36.897				58.786	1.436				20.781	13.480	2.195	9.630		89.775	11.920	1.9407	7.68897	0.00110	41.0033	23.650
0.0011		4	41.0033	19.442	37.00			36.912				58.988	1.441				20.694	13.490	2.196	9.628		89.669	11.934	1.9430	7.68520	0.00110	41.0044	23.795
0.0014		5	41.0044	19.451	37.00			36.926				59.190	1.446				20.606	13.499	2.198	9.627		89.563	11.948	1.9452	7.68143	0.00110	41.0055	23.939
0.0017		6	41.0055	19.461	37.00			36.941				59.393	1.450				20.519	13.508	2.199	9.625		89.458	11.962	1.9475	7.67766	0.00110	41.0066	24.084
0.0019		7	41.0066	19.471	37.00			36.956				59.595	1.455				20.431	13.517	2.201	9.624		89.353	11.976	1.9498	7.67389	0.00110	41.0077	24.228
0.0022		8	41.0077	19.480	37.00			36.970				59.797	1.460				20.344	13.526	2.202	9.622		89.248	11.990	1.9521	7.67012	0.00110	41.0088	24.372
0.0025		9	41.0088	19.490	37.00			36.985				59.999	1.465				20.256	13.535	2.204	9.621		89.144	12.004	1.9544	7.66634	0.00110	41.0099	24.516
0.0028		10	41.0099	19.500	37.00			37.000				60.201	1.470				20.169	13.544	2.205	9.619		89.039	12.018	1.9567	7.66257	0.00109	41.0110	24.660
0.0031		11	41.0110	19.509	37.00			37.014				60.403	1.475				20.081	13.553	2.207	9.618		88.936	12.032	1.9590	7.65880	0.00109	41.0121	24.804
0.0033		12	41.0121	19.519	37.00			37.029				60.605	1.480				19.994	13.562	2.208	9.616		88.832	12.046	1.9613	7.65503	0.00109	41.0132	24.948
0.0036		13	41.0132	19.529	37.00			37.044				60.807	1.485				19.906	13.572	2.210	9.615		88.729	12.060	1.9635	7.65125	0.00109	41.0143	25.092
0.0039		14	41.0143	19.539	37.00			37.058				61.009	1.490				19.819	13.581	2.211	9.613		88.626	12.074	1.9658	7.64748	0.00109	41.0154	25.236
0.0042		15	41.0154	19.548	37.00			37.073				61.211	1.495				19.731	13.590	2.213	9.612		88.523	12.088	1.9681	7.64370	0.00109	41.0164	25.380
0.0044		16	41.0164	19.558	37.00			37.088				61.413	1.500				19.644	13.599	2.214	9.610		88.421	12.102	1.9704	7.63993	0.00109	41.0175	25.523
0.0047		17	41.0175	19.568	37.00			37.102				61.615	1.505				19.556	13.608	2.216	9.609		88.319	12.116	1.9727	7.63615	0.00109	41.0186	25.667
0.0050		18	41.0186	19.578	37.00			37.117				61.817	1.510				19.469	13.618	2.217	9.607		88.217	12.130	1.9749	7.63238	0.00109	41.0197	25.810
0.0053		19	41.0197	19.587	37.00			37.132				62.019	1.515				19.381	13.627	2.219	9.606		88.115	12.144	1.9772	7.62860	0.00109	41.0208	25.954
0.0056		20	41.0208	19.597	37.00			37.146				62.221	1.520				19.294	13.636	2.220	9.604		88.014	12.158	1.9795	7.62482	0.00109	41.0219	26.097
0.0058		21	41.0219	19.607	37.00			37.161				62.423	1.524				19.206	13.645	2.222	9.603		87.913	12.172	1.9817	7.62105	0.00109	41.0230	26.240
0.0061		22	41.0230	19.617	37.00			37.176				62.625	1.529				19.119	13.655	2.223	9.601		87.813	12.186	1.9840	7.61727	0.00109	41.0241	26.384
0.0064		23	41.0241	19.627	37.00			37.190				62.827	1.534				19.031	13.664	2.225	9.600		87.712	12.200	1.9863	7.61349	0.00109	41.0252	26.527
0.0067		24	41.0252	19.636	37.00			37.205				63.029	1.539				18.944	13.673	2.226	9.598		87.612	12.214	1.9886	7.60971	0.00109	41.0262	26.670
0.0069		25	41.0262	19.646	37.00			37.220				63.231	1.544				18.856	13.682	2.228	9.597		87.512	12.228	1.9908	7.60593	0.00109	41.0273	26.813
0.0072		26	41.0273	19.656	37.00			37.234				63.433	1.549				18.769	13.692	2.229	9.595		87.413	12.242	1.9931	7.60215	0.00109	41.0284	26.956
0.0075		27	41.0284	19.666	37.00			37.249				63.635	1.554				18.681	13.701	2.231	9.594		87.313	12.256	1.9954	7.59837	0.00109	41.0295	27.099
0.0078		28	41.0295	19.676	37.00			37.264				63.837	1.559				18.594	13.710	2.232	9.592		87.214	12.269	1.9976	7.59459	0.00108	41.0306	27.242
0.0081		29	41.0306	19.686	37.00			37.278				64.039	1.564				18.506	13.720	2.234	9.591		87.116	12.283	1.9999	7.59081	0.00108	41.0317	27.384
0.0083		30	41.0317	19.695	37.00			37.293				64.241	1.569				18.419	13.729	2.235	9.589		87.017	12.297	2.0022	7.58702	0.00108	41.0328	27.527
0.0086		31	41.0328	19.705	37.00			37.307				64.443	1.574				18.331	13.738	2.237	9.588		86.919	12.311	2.0044	7.58324	0.00108	41.0338	27.670
0.0089		32	41.0338	19.715	37.00			37.322				64.645	1.579				18.244	13.748	2.238	9.586		86.821	12.325	2.0067	7.57946	0.00108	41.0349	27.812
0.0092		33	41.0349	19.725	37.00			37.337				64.847	1.584				18.156	13.757	2.240	9.585		86.723	12.339	2.0089	7.57567	0.00108	41.0360	27.955
0.0094		34	41.0360	19.735	37.00			37.351				65.049	1.589				18.069	13.766	2.241	9.583		86.626	12.353	2.0112	7.57189	0.00108	41.0371	28.097
0.0097		35	41.0371	19.745	37.00			37.366				65.251	1.594				17.981	13.776	2.243	9.582		86.529	12.367	2.0135	7.56810	0.00108	41.0382	28.239
0.0100		36	41.0382	19.755	37.00			37.381				65.453	1.599				17.894	13.785	2.244	9.580		86.432	12.381	2.0157	7.56432	0.00108	41.0392	28.382
0.0103		37	41.0392	19.765	37.00			37.395				65.655	1.603				17.806	13.795	2.246	9.578		86.336	12.394	2.0180	7.56053	0.00108	41.0403	28.524
0.0106		38	41.0403	19.774	37.00			37.410				65.857	1.608				17.719	13.804	2.247	9.577		86.239	12.408	2.0202	7.55674	0.00108	41.0414	28.666
0.0108		39	41.0414	19.784	37.00			37.425				66.060	1.613				17.631	13.813	2.249	9.575		86.143	12.422	2.0225	7.55296	0.00108	41.0425	28.808
0.0111		40	41.0425	19.794	37.00			37.439				66.262	1.618				17.544	13.823	2.251	9.574		86.047	12.436	2.0247	7.54917	0.00108	41.0436	28.950
0.0114		41	41.0436	19.804	37.00			37.454				66.464	1.623				17.456	13.832	2.252	9.572		85.952	12.450	2.0270	7.54538	0.00108	41.0446	29.092
0.0117		42	41.0446	19.814	37.00			37.469				66.666	1.628				17.369	13.842	2.254	9.571		85.857	12.463	2.0292	7.54159	0.00108	41.0457	29.233
0.0119		43	41.0457	19.824	37.00			37.483				66.868	1.633				17.281	13.851	2.255	9.569		85.762	12.477	2.0315	7.53780	0.00108	41.0468	29.375
0.0122		44	41.0468	19.834	37.00			37.498				67.070	1.638				17.194	13.861	2.257	9.568		85.667	12.491	2.0337	7.53401	0.00108	41.0479	29.517
0.0125		45	41.0479	19.844	37.00			37.513				67.272	1.643				17.106	13.870	2.258	9.566		85.572	12.505	2.0360	7.53022	0.00108	41.0490	29.658
0.0128		46	41.0490	19.854	37.00			37.527				67.474	1.648				17.019	13.880	2.260	9.565		85.478	12.519	2.0382	7.52642	0.00108	41.0500	29.800

0.0131	47	41.0500	19.864	37.00	37.542	67.676	1.653	16.931	13.889	2.261	9.563	85.384	12.532	2.0405	7.52263	0.00107	41.0511	29.941
0.0133	48	41.0511	19.874	37.00	37.557	67.878	1.658	16.844	13.899	2.263	9.562	85.290	12.546	2.0427	7.51884	0.00107	41.0522	30.083
0.0136	49	41.0522	19.884	37.00	37.571	68.080	1.663	16.756	13.908	2.264	9.560	85.197	12.560	2.0449	7.51504	0.00107	41.0532	30.224
0.0139	50	41.0532	19.894	37.00	37.586	68.282	1.668	16.669	13.918	2.266	9.558	85.104	12.574	2.0472	7.51125	0.00107	41.0543	30.365
0.0142	51	41.0543	19.904	37.00	37.601	68.484	1.673	16.581	13.927	2.268	9.557	85.011	12.588	2.0494	7.50745	0.00107	41.0554	30.507
0.0144	52	41.0554	19.914	37.00	37.615	68.686	1.677	16.494	13.937	2.269	9.555	84.918	12.601	2.0517	7.50366	0.00107	41.0565	30.648
0.0147	53	41.0565	19.924	37.00	37.630	68.888	1.682	16.406	13.946	2.271	9.554	84.825	12.615	2.0539	7.49986	0.00107	41.0575	30.789
0.0150	54	41.0575	19.934	37.00	37.645	69.090	1.687	16.319	13.956	2.272	9.552	84.733	12.629	2.0561	7.49606	0.00107	41.0586	30.930
0.0153	55	41.0586	19.944	37.00	37.659	69.292	1.692	16.231	13.966	2.274	9.551	84.641	12.642	2.0584	7.49226	0.00107	41.0597	31.070
0.0156	56	41.0597	19.954	37.00	37.674	69.494	1.697	16.144	13.975	2.275	9.549	84.549	12.656	2.0606	7.48846	0.00107	41.0607	31.211
0.0158	57	41.0607	19.964	37.00	37.689	69.696	1.702	16.056	13.985	2.277	9.547	84.458	12.670	2.0628	7.48467	0.00107	41.0618	31.352
0.0161	58	41.0618	19.974	37.00	37.703	69.898	1.707	15.969	13.995	2.279	9.546	84.367	12.684	2.0651	7.48086	0.00107	41.0629	31.493
0.0164	59	41.0629	19.984	37.00	37.718	70.100	1.712	15.881	14.004	2.280	9.544	84.276	12.697	2.0673	7.47706	0.00107	41.0640	31.633
0.0167	60	41.0640	19.994	37.00	37.733	70.302	1.717	15.794	14.014	2.282	9.543	84.185	12.711	2.0695	7.47326	0.00107	41.0650	31.774
0.0169	61	41.0650	20.004	37.00	37.747	70.504	1.722	15.706	14.024	2.283	9.541	84.094	12.725	2.0717	7.46946	0.00107	41.0661	31.914
0.0172	62	41.0661	20.014	37.00	37.762	70.706	1.727	15.619	14.033	2.285	9.540	84.004	12.738	2.0740	7.46566	0.00107	41.0672	32.055
0.0175	63	41.0672	20.024	37.00	37.776	70.908	1.732	15.531	14.043	2.286	9.538	83.914	12.752	2.0762	7.46185	0.00107	41.0682	32.195
0.0178	64	41.0682	20.034	37.00	37.791	71.110	1.737	15.444	14.053	2.288	9.536	83.824	12.766	2.0784	7.45805	0.00107	41.0693	32.335
0.0181	65	41.0693	20.044	37.00	37.806	71.312	1.742	15.356	14.062	2.290	9.535	83.735	12.779	2.0806	7.45424	0.00106	41.0704	32.475
0.0183	66	41.0704	20.054	37.00	37.820	71.514	1.747	15.269	14.072	2.291	9.533	83.645	12.793	2.0829	7.45044	0.00106	41.0714	32.615
0.0186	67	41.0714	20.064	37.00	37.835	71.716	1.751	15.181	14.082	2.293	9.532	83.556	12.807	2.0851	7.44663	0.00106	41.0725	32.756
0.0189	68	41.0725	20.075	37.00	37.850	71.918	1.756	15.094	14.092	2.294	9.530	83.467	12.820	2.0873	7.44282	0.00106	41.0735	32.895
0.0192	69	41.0735	20.085	37.00	37.864	72.120	1.761	15.006	14.101	2.296	9.529	83.379	12.834	2.0895	7.43902	0.00106	41.0746	33.035
0.0194	70	41.0746	20.095	37.00	37.879	72.322	1.766	14.919	14.111	2.297	9.527	83.290	12.848	2.0917	7.43521	0.00106	41.0757	33.175
0.0197	71	41.0757	20.105	37.00	37.894	72.524	1.771	14.831	14.121	2.299	9.525	83.202	12.861	2.0940	7.43140	0.00106	41.0767	33.315
0.0200	72	41.0767	20.115	37.00	37.908	72.727	1.776	14.744	14.131	2.301	9.524	83.114	12.875	2.0962	7.42759	0.00106	41.0778	33.455
0.0203	73	41.0778	20.125	37.00	37.923	72.929	1.781	14.656	14.140	2.302	9.522	83.026	12.888	2.0984	7.42377	0.00106	41.0789	33.594
0.0206	74	41.0789	20.135	37.00	37.938	73.131	1.786	14.569	14.150	2.304	9.521	82.939	12.902	2.1006	7.41996	0.00106	41.0799	33.734
0.0208	75	41.0799	20.145	37.00	37.952	73.333	1.791	14.481	14.160	2.305	9.519	82.852	12.916	2.1028	7.41615	0.00106	41.0810	33.873
0.0211	76	41.0810	20.156	37.00	37.967	73.535	1.796	14.394	14.170	2.307	9.517	82.765	12.929	2.1050	7.41234	0.00106	41.0820	34.013
0.0214	77	41.0820	20.166	37.00	37.982	73.737	1.801	14.306	14.180	2.309	9.516	82.678	12.943	2.1072	7.40852	0.00106	41.0831	34.152
0.0217	78	41.0831	20.176	37.00	37.996	73.939	1.806	14.219	14.190	2.310	9.514	82.591	12.956	2.1095	7.40471	0.00106	41.0841	34.291
0.0219	79	41.0841	20.186	37.00	38.011	74.141	1.811	14.131	14.200	2.312	9.513	82.505	12.970	2.1117	7.40089	0.00106	41.0852	34.430
0.0222	80	41.0852	20.196	37.00	38.026	74.343	1.816	14.044	14.209	2.313	9.511	82.419	12.983	2.1139	7.39707	0.00106	41.0863	34.569
0.0225	81	41.0863	20.206	37.00	38.040	74.545	1.821	13.956	14.219	2.315	9.509	82.333	12.997	2.1161	7.39326	0.00106	41.0873	34.708
0.0228	82	41.0873	20.217	37.00	38.055	74.747	1.825	13.869	14.229	2.317	9.508	82.247	13.010	2.1183	7.38944	0.00106	41.0884	34.847
0.0231	83	41.0884	20.227	37.00	38.070	74.949	1.830	13.781	14.239	2.318	9.506	82.162	13.024	2.1205	7.38562	0.00106	41.0894	34.986
0.0233	84	41.0894	20.237	37.00	38.084	75.151	1.835	13.694	14.249	2.320	9.504	82.077	13.037	2.1227	7.38180	0.00105	41.0905	35.125
0.0236	85	41.0905	20.247	37.00	38.099	75.353	1.840	13.606	14.259	2.322	9.503	81.992	13.051	2.1249	7.37798	0.00105	41.0915	35.264
0.0239	86	41.0915	20.258	37.00	38.114	75.555	1.845	13.519	14.269	2.323	9.501	81.907	13.065	2.1271	7.37416	0.00105	41.0926	35.402
0.0242	87	41.0926	20.268	37.00	38.128	75.757	1.850	13.431	14.279	2.325	9.500	81.822	13.078	2.1293	7.37033	0.00105	41.0936	35.541
0.0244	88	41.0936	20.278	37.00	38.143	75.959	1.855	13.344	14.289	2.326	9.498	81.738	13.092	2.1315	7.36651	0.00105	41.0947	35.680
0.0247	89	41.0947	20.288	37.00	38.158	76.161	1.860	13.256	14.299	2.328	9.496	81.654	13.105	2.1337	7.36269	0.00105	41.0957	35.818
0.0250	90	41.0957	20.299	37.00	38.172	76.363	1.865	13.169	14.309	2.330	9.495	81.570	13.118	2.1359	7.35886	0.00105	41.0968	35.956
0.0253	91	41.0968	20.309	37.00	38.187	76.565	1.870	13.081	14.319	2.331	9.493	81.486	13.132	2.1381	7.35504	0.00105	41.0978	36.095
0.0256	92	41.0978	20.319	37.00	38.202	76.767	1.875	12.994	14.329	2.333	9.491	81.403	13.145	2.1403	7.35121	0.00105	41.0989	36.233
0.0258	93	41.0989	20.329	37.00	38.216	76.969	1.880	12.906	14.339	2.335	9.490	81.319	13.159	2.1424	7.34738	0.00105	41.0999	36.371
0.0261	94	41.0999	20.340	37.00	38.231	77.171	1.885	12.819	14.349	2.336	9.488	81.236	13.172	2.1446	7.34355	0.00105	41.1010	36.509
0.0264	95	41.1010	20.350	37.00	38.245	77.373	1.890	12.731	14.359	2.338	9.487	81.153	13.186	2.1468	7.33972	0.00105	41.1020	36.647
0.0267	96	41.1020	20.360	37.00	38.260	77.575	1.895	12.644	14.369	2.340	9.485	81.071	13.199	2.1490	7.33589	0.00105	41.1031	36.785
0.0269	97	41.1031	20.371	37.00	38.275	77.777	1.899	12.556	14.379	2.341	9.483	80.988	13.213	2.1512	7.33206	0.00105	41.1041	36.923
0.0272	98	41.1041	20.381	37.00	38.289	77.979	1.904	12.469	14.390	2.343	9.482	80.906	13.226	2.1534	7.32823	0.00105	41.1052	37.061
0.0275	99	41.1052	20.391	37.00	38.304	78.181	1.909	12.381	14.400	2.344	9.480	80.824	13.240	2.1556	7.32440	0.00105	41.1062	37.198
0.0278	100	41.1062	20.401	37.00	38.319	78.383	1.914	12.294	14.410	2.346	9.478	80.742	13.253	2.1578	7.32056	0.00105	41.1073	37.336
0.0281	101	41.1073	20.412	37.00	38.333	78.585	1.919	12.206	14.420	2.348	9.477	80.661	13.266	2.1599	7.31673	0.00105	41.1083	37.474
0.0283	102	41.1083	20.422	37.00	38.348	78.787	1.924	12.119	14.430	2.349	9.475	80.579	13.280	2.1621	7.31289	0.00104	41.1094	37.611
0.0286	103	41.1094	20.433	37.00	38.363	78.989	1.929	12.031	14.440	2.351	9.473	80.498	13.293	2.1643	7.30906	0.00104	41.1104	37.749
0.0289	104	41.1104	20.443	37.00	38.377	79.191	1.934	11.944	14.451	2.353	9.472	80.417	13.306	2.1665	7.30522	0.00104	41.1115	37.886
0.0292	105	41.1115	20.453	37.00	38.392	79.393	1.939	11.856	14.461	2.354	9.470	80.337	13.320	2.1687	7.30138	0.00104	41.1125	38.023
0.0294	106	41.1125	20.464	37.00	38.407	79.596	1.944	11.769	14.471	2.356	9.468	80.256	13.333	2.1708	7.29754	0.00104	41.1135	38.161
0.0297	107	41.1135	20.474	37.00	38.421	79.798	1.949	11.681	14.481	2.358	9.467	80.176	13.347	2.1730	7.29370	0.00104	41.1146	38.298
0.0300	108	41.1146	20.484	37.00	38.436	80.000	1.954	11.594	14.491	2.359	9.465	80.096	13.360	2.1752	7.28986	0.00104	41.1156	38.435
0.0303	109	41.1156	20.495	37.00	38.451	80.202	1.959	11.506	14.502	2.361	9.463	80.016	13.373	2.1774	7.28602	0.00104	41.1167	38.572
0.0306	110	41.1167	20.505	37.00	38.465	80.404	1.964	11.419	14.512	2.363	9.462	79.936	13.387	2.1795	7.28217	0.00104	41.1177	38.709
0.0308	111	41.1177	20.516	37.00	38.480	80.606	1.969	11.331	14.522	2.364	9.460	79.856	13.400	2.1817	7.27833	0.00104	41.1187	38.846
0.0311	112	41.1187	20.526	37.00	38.495	80.808	1.973	11.244	14.532	2.366	9.458	79.777	13.413	2.1839	7.27448	0.00104	41.1198	38.982
0.0314	113	41.1198	20.536	37.00	38.509	81.010	1.978	11.156	14.543	2.368	9.457	79.698	13.427	2.1860	7.27064	0.00104	41.1208	39.119
0.0317	114	41.1208	20.547	37.00	38.524	81.212	1.983	11.069	14.553	2.369	9.455	79.619	13.440	2.1882	7.26679	0.00104	41.1219	39.256
0.0319	115	41.1219	20.557	37.00	38.539	81.414	1.988	10.981	14.563	2.371	9.453	79.540	13.453	2.1904	7.26294	0.00104	41.1229	39.392
0.0322	116	41.1229	20.568	37.00	38.553	81.616	1.993	10.894	14.574	2.373	9.452	79.462	13.467	2.1925	7.25909	0.00104	41.1239	39.529
0.0325	117	41.1239	20.578	37.00	38.568	81.818	1.998	10.806	14.584	2.374	9.450	79.383	13.480	2.1947	7.25524	0.00104	41.1250	39.665
0.0328	118	41.1250	20.589	37.00	38.583	82.020	2.003	10.719	14.594	2.376	9.448	79.305	13.493	2.1969	7.25139	0.00104	41.1260	39.802
0.0331	119	41.1260	20.599	37.00	38.597	82.222	2.008	10.631	14.605	2.378	9.447	79.227	13.506	2.1990	7.24754	0.00104	41.1270	39.938
0.0333	120	41.1270	20.610	37.00	38.612	82.424	2.013	10.544	14.615	2.380	9.445	79.149	13.520	2.2012	7.24369	0.00103	41.1281	40.074
0.0336	121	41.1281	20.620	37.00	38.627	82.626	2.018	10.456	14.626	2.381	9.443	79.072	13.533	2.2033	7.23983	0.00103	41.1291	40.210
0.0339	122	41.1291	20.631	37.00	38.641	82.828	2.023	10.369	14.636	2.383	9.441	78.994	13.546	2.2055	7.23598	0.00103	41.1301	40.346
0.0342	123	41.1301	20.641	37.00	38.656	83.030	2.028	10.281	14.647	2.385	9.440	78.917	13.559	2.2077	7.23212	0.00103	41.1312	40.482
0.0344	124	41.1312	20.652	37.00	38.671	83.232	2.033	10.194	14.657	2.386	9.438	78.840	13.573	2.2098	7.22826	0.00103	41.1322	40.618
0.0347	125	41.1322	20.662	37.00	38.685	83.434	2.038	10.106	14.667	2.388	9.436	78.763	13.586	2.2120	7.22441	0.00103	41.1332	40.754
0.0350	126	41.1332	20.673	37.00	38.700	83.636	2.043	10.019	14.678	2.390	9.435	78.687	13.599	2.2141	7.22055	0.00103	41.1343	40.890
0.0353	127	41.1343	20.683	37.00	38.714	83.838	2.047	9.931	14.688	2.391	9.433	78.610	13.612	2.2163	7.21669	0.00103	41.1353	41.026

0.0356	128	41.1353	20.694	37.00	38.729	84.040	2.052	9.844	14.699	2.393	9.431	78.534	13.626	2.2184	7.21283	0.00103	41.1363	41.161
0.0358	129	41.1363	20.704	37.00	38.744	84.242	2.057	9.756	14.709	2.395	9.430	78.458	13.639	2.2206	7.20896	0.00103	41.1374	41.297
0.0361	130	41.1374	20.715	37.00	38.758	84.444	2.062	9.669	14.720	2.397	9.428	78.382	13.652	2.2227	7.20510	0.00103	41.1384	41.432
0.0364	131	41.1384	20.725	37.00	38.773	84.646	2.067	9.581	14.730	2.398	9.426	78.306	13.665	2.2249	7.20123	0.00103	41.1394	41.568
0.0367	132	41.1394	20.736	37.00	38.788	84.848	2.072	9.494	14.741	2.400	9.424	78.231	13.678	2.2270	7.19737	0.00103	41.1405	41.703
0.0369	133	41.1405	20.746	37.00	38.802	85.050	2.077	9.406	14.752	2.402	9.423	78.156	13.692	2.2292	7.19350	0.00103	41.1415	41.838
0.0372	134	41.1415	20.757	37.00	38.817	85.252	2.082	9.319	14.762	2.403	9.421	78.081	13.705	2.2313	7.18963	0.00103	41.1425	41.973
0.0375	135	41.1425	20.768	37.00	38.832	85.454	2.087	9.231	14.773	2.405	9.419	78.006	13.718	2.2335	7.18576	0.00103	41.1435	42.109
0.0378	136	41.1435	20.778	37.00	38.846	85.656	2.092	9.144	14.783	2.407	9.417	77.931	13.731	2.2356	7.18189	0.00103	41.1446	42.244
0.0381	137	41.1446	20.789	37.00	38.861	85.858	2.097	9.056	14.794	2.409	9.416	77.856	13.744	2.2377	7.17802	0.00103	41.1456	42.379
0.0383	138	41.1456	20.799	37.00	38.876	86.060	2.102	8.969	14.805	2.410	9.414	77.782	13.757	2.2399	7.17415	0.00102	41.1466	42.514
0.0386	139	41.1466	20.810	37.00	38.890	86.263	2.107	8.881	14.815	2.412	9.412	77.708	13.770	2.2420	7.17028	0.00102	41.1476	42.648
0.0389	140	41.1476	20.821	37.00	38.905	86.465	2.112	8.794	14.826	2.414	9.411	77.634	13.784	2.2442	7.16640	0.00102	41.1487	42.783
0.0392	141	41.1487	20.831	37.00	38.920	86.667	2.117	8.706	14.837	2.416	9.409	77.560	13.797	2.2463	7.16253	0.00102	41.1497	42.918
0.0394	142	41.1497	20.842	37.00	38.934	86.869	2.122	8.619	14.847	2.417	9.407	77.486	13.810	2.2484	7.15865	0.00102	41.1507	43.052
0.0397	143	41.1507	20.853	37.00	38.949	87.071	2.126	8.531	14.858	2.419	9.405	77.413	13.823	2.2506	7.15477	0.00102	41.1517	43.187
0.0400	144	41.1517	20.863	37.00	38.964	87.273	2.131	8.444	14.869	2.421	9.404	77.339	13.836	2.2527	7.15089	0.00102	41.1528	43.321
0.0403	145	41.1528	20.874	37.00	38.978	87.475	2.136	8.356	14.880	2.423	9.402	77.266	13.849	2.2548	7.14701	0.00102	41.1538	43.456
0.0406	146	41.1538	20.885	37.00	38.993	87.677	2.141	8.269	14.890	2.424	9.400	77.193	13.862	2.2570	7.14313	0.00102	41.1548	43.590
0.0408	147	41.1548	20.895	37.00	39.008	87.879	2.146	8.181	14.901	2.426	9.398	77.121	13.875	2.2591	7.13925	0.00102	41.1558	43.724
0.0411	148	41.1558	20.906	37.00	39.022	88.081	2.151	8.094	14.912	2.428	9.397	77.048	13.888	2.2612	7.13536	0.00102	41.1568	43.859
0.0414	149	41.1568	20.917	37.00	39.037	88.283	2.156	8.006	14.923	2.430	9.395	76.976	13.901	2.2633	7.13148	0.00102	41.1578	43.993
0.0417	150	41.1578	20.927	37.00	39.052	88.485	2.161	7.919	14.933	2.431	9.393	76.903	13.915	2.2655	7.12759	0.00102	41.1589	44.127
0.0419	151	41.1589	20.938	37.00	39.066	88.687	2.166	7.831	14.944	2.433	9.391	76.831	13.928	2.2676	7.12370	0.00102	41.1599	44.261
0.0422	152	41.1599	20.949	37.00	39.081	88.889	2.171	7.744	14.955	2.435	9.390	76.759	13.941	2.2697	7.11982	0.00102	41.1609	44.395
0.0425	153	41.1609	20.960	37.00	39.096	89.091	2.176	7.656	14.966	2.437	9.388	76.688	13.954	2.2718	7.11593	0.00102	41.1619	44.528
0.0428	154	41.1619	20.970	37.00	39.110	89.293	2.181	7.569	14.977	2.438	9.386	76.616	13.967	2.2740	7.11203	0.00102	41.1629	44.662
0.0431	155	41.1629	20.981	37.00	39.125	89.495	2.186	7.481	14.988	2.440	9.384	76.545	13.980	2.2761	7.10814	0.00102	41.1640	44.796
0.0433	156	41.1640	20.992	37.00	39.140	89.697	2.191	7.394	14.999	2.442	9.382	76.474	13.993	2.2782	7.10425	0.00101	41.1650	44.929
0.0436	157	41.1650	21.002	37.00	39.154	89.899	2.196	7.306	15.010	2.444	9.381	76.403	14.006	2.2803	7.10035	0.00101	41.1660	45.063
0.0439	158	41.1660	21.013	37.00	39.169	90.101	2.200	7.219	15.020	2.446	9.379	76.332	14.019	2.2824	7.09646	0.00101	41.1670	45.196
0.0442	159	41.1670	21.024	37.00	39.183	90.303	2.205	7.131	15.031	2.447	9.377	76.261	14.032	2.2846	7.09256	0.00101	41.1680	45.330
0.0444	160	41.1680	21.035	37.00	39.198	90.505	2.210	7.044	15.042	2.449	9.375	76.190	14.045	2.2867	7.08866	0.00101	41.1690	45.463
0.0447	161	41.1690	21.046	37.00	39.213	90.707	2.215	6.956	15.053	2.451	9.374	76.120	14.058	2.2888	7.08476	0.00101	41.1700	45.596
0.0450	162	41.1700	21.056	37.00	39.227	90.909	2.220	6.869	15.064	2.453	9.372	76.050	14.071	2.2909	7.08086	0.00101	41.1710	45.729
0.0453	163	41.1710	21.067	37.00	39.242	91.111	2.225	6.781	15.075	2.454	9.370	75.980	14.084	2.2930	7.07696	0.00101	41.1721	45.862
0.0456	164	41.1721	21.078	37.00	39.257	91.313	2.230	6.694	15.086	2.456	9.368	75.910	14.097	2.2951	7.07305	0.00101	41.1731	45.995
0.0458	165	41.1731	21.089	37.00	39.271	91.515	2.235	6.606	15.097	2.458	9.366	75.840	14.110	2.2972	7.06915	0.00101	41.1741	46.128
0.0461	166	41.1741	21.100	37.00	39.286	91.717	2.240	6.519	15.108	2.460	9.365	75.771	14.122	2.2993	7.06524	0.00101	41.1751	46.261
0.0464	167	41.1751	21.110	37.00	39.301	91.919	2.245	6.431	15.120	2.462	9.363	75.702	14.135	2.3014	7.06133	0.00101	41.1761	46.394
0.0467	168	41.1761	21.121	37.00	39.315	92.121	2.250	6.344	15.131	2.463	9.361	75.632	14.148	2.3035	7.05742	0.00101	41.1771	46.527
0.0469	169	41.1771	21.132	37.00	39.330	92.323	2.255	6.256	15.142	2.465	9.359	75.563	14.161	2.3056	7.05351	0.00101	41.1781	46.659
0.0472	170	41.1781	21.143	37.00	39.345	92.525	2.260	6.169	15.153	2.467	9.357	75.494	14.174	2.3077	7.04960	0.00101	41.1791	46.792
0.0475	171	41.1791	21.154	37.00	39.359	92.727	2.265	6.081	15.164	2.469	9.356	75.426	14.187	2.3098	7.04569	0.00101	41.1801	46.924
0.0478	172	41.1801	21.165	37.00	39.374	92.929	2.270	5.994	15.175	2.471	9.354	75.357	14.200	2.3120	7.04177	0.00101	41.1811	47.057
0.0481	173	41.1811	21.176	37.00	39.389	93.132	2.274	5.906	15.186	2.473	9.352	75.289	14.213	2.3140	7.03786	0.00101	41.1821	47.189
0.0483	174	41.1821	21.187	37.00	39.403	93.334	2.279	5.819	15.197	2.474	9.350	75.221	14.226	2.3161	7.03394	0.00100	41.1831	47.322
0.0486	175	41.1831	21.197	37.00	39.418	93.536	2.284	5.731	15.209	2.476	9.348	75.153	14.239	2.3182	7.03002	0.00100	41.1841	47.454
0.0489	176	41.1841	21.208	37.00	39.433	93.738	2.289	5.644	15.220	2.478	9.346	75.085	14.252	2.3203	7.02610	0.00100	41.1851	47.586
0.0492	177	41.1851	21.219	37.00	39.447	93.940	2.294	5.556	15.231	2.480	9.345	75.017	14.264	2.3224	7.02218	0.00100	41.1861	47.718
0.0494	178	41.1861	21.230	37.00	39.462	94.142	2.299	5.469	15.242	2.482	9.343	74.949	14.277	2.3245	7.01826	0.00100	41.1872	47.850
0.0497	179	41.1872	21.241	37.00	39.477	94.344	2.304	5.381	15.253	2.483	9.341	74.882	14.290	2.3266	7.01434	0.00100	41.1882	47.982
0.0500	180	41.1882	21.252	37.00	39.491	94.546	2.309	5.294	15.265	2.485	9.339	74.815	14.303	2.3287	7.01041	0.00100	41.1892	48.114
0.0503	181	41.1892	21.263	37.00	39.506	94.748	2.314	5.206	15.276	2.487	9.337	74.748	14.316	2.3308	7.00648	0.00100	41.1902	48.245
0.0506	182	41.1902	21.274	37.00	39.521	94.950	2.319	5.119	15.287	2.489	9.335	74.681	14.329	2.3329	7.00256	0.00100	41.1912	48.377
0.0508	183	41.1912	21.285	37.00	39.535	95.152	2.324	5.031	15.299	2.491	9.334	74.614	14.341	2.3350	6.99863	0.00100	41.1922	48.509
0.0511	184	41.1922	21.296	37.00	39.550	95.354	2.329	4.944	15.310	2.493	9.332	74.547	14.354	2.3371	6.99469	0.00100	41.1932	48.640
0.0514	185	41.1932	21.307	37.00	39.565	95.556	2.334	4.856	15.321	2.495	9.330	74.481	14.367	2.3392	6.99076	0.00100	41.1942	48.772
0.0517	186	41.1942	21.318	37.00	39.579	95.758	2.339	4.769	15.333	2.496	9.328	74.415	14.380	2.3412	6.98683	0.00100	41.1952	48.903
0.0519	187	41.1952	21.329	37.00	39.594	95.960	2.344	4.681	15.344	2.498	9.326	74.348	14.393	2.3433	6.98289	0.00100	41.1962	49.034
0.0522	188	41.1962	21.340	37.00	39.609	96.162	2.348	4.594	15.355	2.500	9.324	74.282	14.405	2.3454	6.97896	0.00100	41.1971	49.166
0.0525	189	41.1971	21.351	37.00	39.623	96.364	2.353	4.506	15.367	2.502	9.322	74.217	14.418	2.3475	6.97502	0.00100	41.1981	49.297
0.0528	190	41.1981	21.362	37.00	39.638	96.566	2.358	4.419	15.378	2.504	9.321	74.151	14.431	2.3496	6.97108	0.00100	41.1991	49.428
0.0531	191	41.1991	21.373	37.00	39.652	96.768	2.363	4.331	15.390	2.506	9.319	74.085	14.444	2.3516	6.96714	0.00100	41.2001	49.559
0.0533	192	41.2001	21.384	37.00	39.667	96.970	2.368	4.244	15.401	2.508	9.317	74.020	14.457	2.3537	6.96319	0.00099	41.2011	49.690
0.0536	193	41.2011	21.395	37.00	39.682	97.172	2.373	4.156	15.413	2.509	9.315	73.955	14.469	2.3558	6.95925	0.00099	41.2021	49.821
0.0539	194	41.2021	21.406	37.00	39.696	97.374	2.378	4.069	15.424	2.511	9.313	73.890	14.482	2.3579	6.95530	0.00099	41.2031	49.951
0.0542	195	41.2031	21.417	37.00	39.711	97.576	2.383	3.981	15.436	2.513	9.311	73.825	14.495	2.3599	6.95136	0.00099	41.2041	50.082
0.0544	196	41.2041	21.428	37.00	39.726	97.778	2.388	3.894	15.447	2.515	9.309	73.760	14.507	2.3620	6.94741	0.00099	41.2051	50.213
0.0547	197	41.2051	21.439	37.00	39.740	97.980	2.393	3.806	15.459	2.517	9.308	73.695	14.520	2.3641	6.94346	0.00099	41.2061	50.343
0.0550	198	41.2061	21.450	37.00	39.755	98.182	2.398	3.719	15.470	2.519	9.306	73.631	14.533	2.3662	6.93950	0.00099	41.2071	50.474
0.0553	199	41.2071	21.461	37.00	39.770	98.384	2.403	3.631	15.482	2.521	9.304	73.567	14.546	2.3682	6.93555	0.00099	41.2081	50.604
0.0556	200	41.2081	21.473	37.00	39.784	98.586	2.408	3.544	15.493	2.523	9.302	73.502	14.558	2.3703	6.93160	0.00099	41.2091	50.735
0.0558	201	41.2091	21.484	37.00	39.799	98.788	2.413	3.456	15.505	2.524	9.300	73.438	14.571	2.3724	6.92764	0.00099	41.2101	50.865
0.0561	202	41.2101	21.495	37.00	39.814	98.990	2.418	3.369	15.517	2.526	9.298	73.375	14.584	2.3744	6.92368	0.00099	41.2110	50.995
0.0564	203	41.2110	21.506	37.00	39.828	99.192	2.422	3.281	15.528	2.528	9.296	73.311	14.596	2.3765	6.91972	0.00099	41.2120	51.125
0.0567	204	41.2120	21.517	37.00	39.843	99.394	2.427	3.194	15.540	2.530	9.294	73.247	14.609	2.3786	6.91576	0.00099	41.2130	51.255
0.0569	205	41.2130	21.528	37.00	39.858	99.596	2.432	3.106	15.552	2.532	9.292	73.184	14.622	2.3806	6.91180	0.00099	41.2140	51.385
0.0572	206	41.2140	21.539	37.00	39.872	99.799	2.437	3.019	15.563	2.534	9.291	73.120	14.634	2.3827	6.90783	0.00099	41.2150	51.515
0.0575	207	41.2150	21.551	37.00	39.887	100.001	2.442	2.931	15.575	2.536	9.289	73.057	14.647	2.3847	6.90387	0.00099	41.2160	51.645
0.0578	208	41.2160	21.562	37.00	39.902	100.203	2.447	2.844	15.587	2.538	9.287	72.994	14.660	2.3868	6.89990	0.00099	41.2170	51.775

0.0581	209	41.2170	21.573	37.00	39.916	100.405	2.452	2.756	15.599	2.540	9.285	72.931	14.672	2.3888	6.89593	0.00099	41.2180	51.904
0.0583	210	41.2180	21.584	37.00	39.931	100.607	2.457	2.669	15.610	2.542	9.283	72.869	14.685	2.3909	6.89196	0.00098	41.2189	52.034
0.0586	211	41.2189	21.595	37.00	39.946	100.809	2.462	2.581	15.622	2.543	9.281	72.806	14.698	2.3930	6.88799	0.00098	41.2199	52.164
0.0589	212	41.2199	21.606	37.00	39.960	101.011	2.467	2.494	15.634	2.545	9.279	72.744	14.710	2.3950	6.88401	0.00098	41.2209	52.293
0.0592	213	41.2209	21.618	37.00	39.975	101.213	2.472	2.406	15.646	2.547	9.277	72.681	14.723	2.3971	6.88004	0.00098	41.2219	52.422
0.0594	214	41.2219	21.629	37.00	39.990	101.415	2.477	2.319	15.658	2.549	9.275	72.619	14.735	2.3991	6.87606	0.00098	41.2229	52.552
0.0597	215	41.2229	21.640	37.00	40.004	101.617	2.482	2.231	15.669	2.551	9.273	72.557	14.748	2.4012	6.87208	0.00098	41.2239	52.681
0.0600	216	41.2239	21.651	37.00	40.019	101.819	2.487	2.144	15.681	2.553	9.271	72.495	14.761	2.4032	6.86810	0.00098	41.2248	52.810
0.0603	217	41.2248	21.663	37.00	40.034	102.021	2.492	2.056	15.693	2.555	9.269	72.434	14.773	2.4053	6.86412	0.00098	41.2258	52.939
0.0606	218	41.2258	21.674	37.00	40.048	102.223	2.496	1.969	15.705	2.557	9.267	72.372	14.786	2.4073	6.86013	0.00098	41.2268	53.068
0.0608	219	41.2268	21.685	37.00	40.063	102.425	2.501	1.881	15.717	2.559	9.266	72.311	14.798	2.4094	6.85615	0.00098	41.2278	53.197
0.0611	220	41.2278	21.696	37.00	40.078	102.627	2.506	1.794	15.729	2.561	9.264	72.249	14.811	2.4114	6.85216	0.00098	41.2288	53.326
0.0614	221	41.2288	21.708	37.00	40.092	102.829	2.511	1.706	15.741	2.563	9.262	72.188	14.823	2.4134	6.84817	0.00098	41.2297	53.455
0.0617	222	41.2297	21.719	37.00	40.107	103.031	2.516	1.619	15.753	2.565	9.260	72.127	14.836	2.4155	6.84418	0.00098	41.2307	53.583
0.0619	223	41.2307	21.730	37.00	40.121	103.233	2.521	1.531	15.765	2.567	9.258	72.066	14.848	2.4175	6.84019	0.00098	41.2317	53.712
0.0622	224	41.2317	21.742	37.00	40.136	103.435	2.526	1.444	15.777	2.569	9.256	72.006	14.861	2.4196	6.83619	0.00098	41.2327	53.841
0.0625	225	41.2327	21.753	37.00	40.151	103.637	2.531	1.356	15.789	2.571	9.254	71.945	14.873	2.4216	6.83220	0.00098	41.2336	53.969
0.0628	226	41.2336	21.764	37.00	40.165	103.839	2.536	1.269	15.801	2.573	9.252	71.885	14.886	2.4236	6.82820	0.00098	41.2346	54.098
0.0631	227	41.2346	21.775	37.00	40.180	104.041	2.541	1.181	15.813	2.575	9.250	71.824	14.898	2.4257	6.82420	0.00097	41.2356	54.226
0.0633	228	41.2356	21.787	37.00	40.195	104.243	2.546	1.094	15.825	2.577	9.248	71.764	14.911	2.4277	6.82020	0.00097	41.2366	54.354
0.0636	229	41.2366	21.798	37.00	40.209	104.445	2.551	1.006	15.837	2.578	9.246	71.704	14.923	2.4297	6.81620	0.00097	41.2375	54.482
0.0639	230	41.2375	21.810	37.00	40.224	104.647	2.556	0.919	15.849	2.580	9.244	71.644	14.936	2.4318	6.81219	0.00097	41.2385	54.610
0.0642	231	41.2385	21.821	37.00	40.239	104.849	2.561	0.831	15.861	2.582	9.242	71.584	14.948	2.4338	6.80818	0.00097	41.2395	54.738
0.0644	232	41.2395	21.832	37.00	40.253	105.051	2.566	0.744	15.874	2.584	9.240	71.525	14.961	2.4358	6.80417	0.00097	41.2405	54.866
0.0647	233	41.2405	21.844	37.00	40.268	105.253	2.570	0.656	15.886	2.586	9.238	71.465	14.973	2.4379	6.80016	0.00097	41.2414	54.994
0.0650	234	41.2414	21.855	37.00	40.283	105.455	2.575	0.569	15.898	2.588	9.236	71.406	14.986	2.4399	6.79615	0.00097	41.2424	55.122
0.0653	235	41.2424	21.866	37.00	40.297	105.657	2.580	0.481	15.910	2.590	9.234	71.346	14.998	2.4419	6.79214	0.00097	41.2434	55.250
0.0656	236	41.2434	21.878	37.00	40.312	105.859	2.585	0.394	15.922	2.592	9.232	71.287	15.011	2.4439	6.78812	0.00097	41.2443	55.377
0.0658	237	41.2443	21.889	37.00	40.327	106.061	2.590	0.306	15.935	2.594	9.230	71.228	15.023	2.4460	6.78410	0.00097	41.2453	55.505
0.0661	238	41.2453	21.901	37.00	40.341	106.263	2.595	0.219	15.947	2.596	9.228	71.170	15.036	2.4480	6.78008	0.00097	41.2463	55.633
0.0664	239	41.2463	21.912	37.00	40.356	106.466	2.600	0.131	15.959	2.598	9.226	71.111	15.048	2.4500	6.77606	0.00097	41.2472	55.760
0.0667	240	41.2472	21.924	37.00	40.371	106.668	2.605	0.044	15.971	2.600	9.224	71.052	15.060	2.4520	6.77204	0.00097	41.2482	55.887
0.0669	241	41.2482	21.935	37.00	40.385	106.870	2.610	-0.044	15.984	2.602	9.222	70.994	15.073	2.4540	6.76801	0.00097	41.2492	56.015
0.0672	242	41.2492	21.946	37.00	40.400	107.072	2.615	-0.131	15.996	2.604	9.220	70.935	15.085	2.4561	6.76399	0.00097	41.2501	56.142
0.0675	243	41.2501	21.958	37.00	40.415	107.274	2.620	-0.219	16.008	2.606	9.218	70.877	15.098	2.4581	6.75996	0.00097	41.2511	56.269
0.0678	244	41.2511	21.969	37.00	40.429	107.476	2.625	-0.306	16.021	2.608	9.216	70.819	15.110	2.4601	6.75593	0.00097	41.2521	56.396
0.0681	245	41.2521	21.981	37.00	40.444	107.678	2.630	-0.394	16.033	2.610	9.214	70.761	15.122	2.4621	6.75189	0.00096	41.2530	56.523
0.0683	246	41.2530	21.992	37.00	40.459	107.880	2.635	-0.481	16.046	2.612	9.212	70.703	15.135	2.4641	6.74786	0.00096	41.2540	56.650
0.0686	247	41.2540	22.004	37.00	40.473	108.082	2.640	-0.569	16.058	2.614	9.210	70.646	15.147	2.4661	6.74382	0.00096	41.2550	56.777
0.0689	248	41.2550	22.015	37.00	40.488	108.284	2.645	-0.656	16.071	2.616	9.208	70.588	15.159	2.4681	6.73978	0.00096	41.2559	56.903
0.0692	249	41.2559	22.027	37.00	40.503	108.486	2.649	-0.744	16.083	2.619	9.206	70.531	15.172	2.4702	6.73574	0.00096	41.2569	57.030
0.0694	250	41.2569	22.038	37.00	40.517	108.688	2.654	-0.831	16.095	2.621	9.204	70.473	15.184	2.4722	6.73170	0.00096	41.2579	57.157
0.0697	251	41.2579	22.050	37.00	40.532	108.890	2.659	-0.919	16.108	2.623	9.202	70.416	15.196	2.4742	6.72766	0.00096	41.2588	57.283
0.0700	252	41.2588	22.062	37.00	40.547	109.092	2.664	-1.006	16.121	2.625	9.200	70.359	15.209	2.4762	6.72361	0.00096	41.2598	57.410
0.0703	253	41.2598	22.073	37.00	40.561	109.294	2.669	-1.094	16.133	2.627	9.198	70.302	15.221	2.4782	6.71956	0.00096	41.2607	57.536
0.0706	254	41.2607	22.085	37.00	40.576	109.496	2.674	-1.181	16.146	2.629	9.196	70.246	15.233	2.4802	6.71551	0.00096	41.2617	57.662
0.0708	255	41.2617	22.096	37.00	40.590	109.698	2.679	-1.269	16.158	2.631	9.194	70.189	15.246	2.4822	6.71146	0.00096	41.2627	57.788
0.0711	256	41.2627	22.108	37.00	40.605	109.900	2.684	-1.356	16.171	2.633	9.192	70.132	15.258	2.4842	6.70740	0.00096	41.2636	57.915
0.0714	257	41.2636	22.119	37.00	40.620	110.102	2.689	-1.444	16.184	2.635	9.190	70.076	15.270	2.4862	6.70335	0.00096	41.2646	58.041
0.0717	258	41.2646	22.131	37.00	40.634	110.304	2.694	-1.531	16.196	2.637	9.187	70.020	15.282	2.4882	6.69929	0.00096	41.2655	58.167
0.0719	259	41.2655	22.143	37.00	40.649	110.506	2.699	-1.619	16.209	2.639	9.185	69.963	15.295	2.4902	6.69523	0.00096	41.2665	58.293
0.0722	260	41.2665	22.154	37.00	40.664	110.708	2.704	-1.706	16.222	2.641	9.183	69.907	15.307	2.4922	6.69116	0.00096	41.2674	58.418
0.0725	261	41.2674	22.166	37.00	40.678	110.910	2.709	-1.794	16.234	2.643	9.181	69.852	15.319	2.4942	6.68710	0.00096	41.2684	58.544
0.0728	262	41.2684	22.178	37.00	40.693	111.112	2.714	-1.881	16.247	2.645	9.179	69.796	15.331	2.4962	6.68303	0.00095	41.2693	58.670
0.0731	263	41.2693	22.189	37.00	40.708	111.314	2.719	-1.969	16.260	2.647	9.177	69.740	15.344	2.4982	6.67896	0.00095	41.2703	58.795
0.0733	264	41.2703	22.201	37.00	40.722	111.516	2.723	-2.056	16.273	2.649	9.175	69.685	15.356	2.5002	6.67489	0.00095	41.2713	58.921
0.0736	265	41.2713	22.213	37.00	40.737	111.718	2.728	-2.144	16.285	2.651	9.173	69.629	15.368	2.5021	6.67082	0.00095	41.2722	59.046
0.0739	266	41.2722	22.224	37.00	40.752	111.920	2.733	-2.231	16.298	2.654	9.171	69.574	15.380	2.5041	6.66674	0.00095	41.2732	59.172
0.0742	267	41.2732	22.236	37.00	40.766	112.122	2.738	-2.319	16.311	2.656	9.169	69.519	15.393	2.5061	6.66267	0.00095	41.2741	59.297
0.0744	268	41.2741	22.248	37.00	40.781	112.324	2.743	-2.406	16.324	2.658	9.167	69.464	15.405	2.5081	6.65859	0.00095	41.2751	59.422
0.0747	269	41.2751	22.259	37.00	40.796	112.526	2.748	-2.494	16.337	2.660	9.165	69.409	15.417	2.5101	6.65450	0.00095	41.2760	59.547
0.0750	270	41.2760	22.271	37.00	40.810	112.728	2.753	-2.581	16.350	2.662	9.162	69.354	15.429	2.5121	6.65042	0.00095	41.2770	59.673
0.0753	271	41.2770	22.283	37.00	40.825	112.930	2.758	-2.669	16.362	2.664	9.160	69.299	15.441	2.5141	6.64633	0.00095	41.2779	59.798
0.0756	272	41.2779	22.294	37.00	40.840	113.132	2.763	-2.756	16.375	2.666	9.158	69.245	15.454	2.5160	6.64225	0.00095	41.2789	59.922
0.0758	273	41.2789	22.306	37.00	40.854	113.335	2.768	-2.844	16.388	2.668	9.156	69.190	15.466	2.5180	6.63816	0.00095	41.2798	60.047
0.0761	274	41.2798	22.318	37.00	40.869	113.537	2.773	-2.931	16.401	2.670	9.154	69.136	15.478	2.5200	6.63406	0.00095	41.2808	60.172
0.0764	275	41.2808	22.330	37.00	40.884	113.739	2.778	-3.019	16.414	2.672	9.152	69.082	15.490	2.5220	6.62997	0.00095	41.2817	60.297
0.0767	276	41.2817	22.341	37.00	40.898	113.941	2.783	-3.106	16.427	2.675	9.150	69.027	15.502	2.5240	6.62587	0.00095	41.2827	60.421
0.0769	277	41.2827	22.353	37.00	40.913	114.143	2.788	-3.194	16.440	2.677	9.148	68.973	15.514	2.5259	6.62177	0.00095	41.2836	60.546
0.0772	278	41.2836	22.365	37.00	40.928	114.345	2.793	-3.281	16.454	2.679	9.146	68.920	15.526	2.5279	6.61767	0.00095	41.2845	60.670
0.0775	279	41.2845	22.377	37.00	40.942	114.547	2.797	-3.369	16.467	2.681	9.143	68.866	15.539	2.5299	6.61357	0.00094	41.2855	60.795
0.0778	280	41.2855	22.389	37.00	40.957	114.749	2.802	-3.456	16.480	2.683	9.141	68.812	15.551	2.5319	6.60946	0.00094	41.2864	60.919
0.0781	281	41.2864	22.400	37.00	40.972	114.951	2.807	-3.544	16.493	2.685	9.139	68.759	15.563	2.5338	6.60535	0.00094	41.2874	61.043
0.0783	282	41.2874	22.412	37.00	40.986	115.153	2.812	-3.631	16.506	2.687	9.137	68.705	15.575	2.5358	6.60124	0.00094	41.2883	61.167
0.0786	283	41.2883	22.424	37.00	41.001	115.355	2.817	-3.719	16.519	2.690	9.135	68.652	15.587	2.5378	6.59713	0.00094	41.2893	61.291
0.0789	284	41.2893	22.436	37.00	41.016	115.557	2.822	-3.806	16.532	2.692	9.133	68.599	15.599	2.5397	6.59301	0.00094	41.2902	61.415
0.0792	285	41.2902	22.448	37.00	41.030	115.759	2.827	-3.894	16.546	2.694	9.131	68.546	15.611	2.5417	6.58890	0.00094	41.2911	61.539
0.0794	286	41.2911	22.460	37.00	41.045	115.961	2.832	-3.981	16.559	2.696	9.128	68.493	15.623	2.5437	6.58478	0.00094	41.2921	61.663
0.0797	287	41.2921	22.471	37.00	41.059	116.163	2.837	-4.069	16.572	2.698	9.126	68.440	15.635	2.5456	6.58065	0.00094	41.2930	61.787
0.0800	288	41.2930	22.483	37.00	41.074	116.365	2.842	-4.156	16.585	2.700	9.124	68.387	15.647	2.5476	6.57653	0.00094	41.2940	61.911
0.0803	289	41.2940	22.495	37.00	41.089	116.567	2.847	-4.244	16.599	2.702	9.122	68.335	15.659	2.5495	6.57240	0.00094	41.2949	62.034

0.0806	290	41.2949	22.507	37.00	41.103	116.769	2.852	-4.331	16.612	2.705	9.120	68.282	15.671	2.5515	6.56827	0.00094	41.2958	62.158
0.0808	291	41.2958	22.519	37.00	41.118	116.971	2.857	-4.419	16.625	2.707	9.118	68.230	15.683	2.5535	6.56414	0.00094	41.2968	62.281
0.0811	292	41.2968	22.531	37.00	41.133	117.173	2.862	-4.506	16.639	2.709	9.115	68.178	15.695	2.5554	6.56001	0.00094	41.2977	62.405
0.0814	293	41.2977	22.543	37.00	41.147	117.375	2.867	-4.594	16.652	2.711	9.113	68.125	15.707	2.5574	6.55587	0.00094	41.2987	62.528
0.0817	294	41.2987	22.555	37.00	41.162	117.577	2.871	-4.681	16.666	2.713	9.111	68.073	15.719	2.5593	6.55173	0.00094	41.2996	62.651
0.0819	295	41.2996	22.567	37.00	41.177	117.779	2.876	-4.769	16.679	2.716	9.109	68.021	15.731	2.5613	6.54759	0.00094	41.3005	62.774
0.0822	296	41.3005	22.579	37.00	41.191	117.981	2.881	-4.856	16.692	2.718	9.107	67.970	15.743	2.5632	6.54345	0.00093	41.3015	62.897
0.0825	297	41.3015	22.591	37.00	41.206	118.183	2.886	-4.944	16.706	2.720	9.104	67.918	15.755	2.5652	6.53930	0.00093	41.3024	63.020
0.0828	298	41.3024	22.603	37.00	41.221	118.385	2.891	-5.031	16.719	2.722	9.102	67.866	15.767	2.5671	6.53515	0.00093	41.3033	63.143
0.0831	299	41.3033	22.615	37.00	41.235	118.587	2.896	-5.119	16.733	2.724	9.100	67.815	15.779	2.5691	6.53100	0.00093	41.3043	63.266
0.0833	300	41.3043	22.627	37.00	41.250	118.789	2.901	-5.206	16.746	2.727	9.098	67.764	15.791	2.5710	6.52685	0.00093	41.3052	63.389
0.0836	301	41.3052	22.639	37.00	41.250	118.991	2.906	-5.206	16.750	2.727	9.097	67.712	15.803	2.5730	6.52431	0.00093	41.3061	63.511
0.0839	302	41.3061	22.640	37.00	41.250	119.193	2.911	-5.206	16.754	2.728	9.097	67.661	15.815	2.5749	6.52178	0.00093	41.3071	63.634
0.0842	303	41.3071	22.640	37.00	41.250	119.395	2.916	-5.206	16.757	2.728	9.096	67.610	15.827	2.5769	6.51924	0.00093	41.3080	63.757
0.0844	304	41.3080	22.641	37.00	41.250	119.597	2.921	-5.206	16.761	2.729	9.096	67.559	15.839	2.5788	6.51671	0.00093	41.3089	63.879
0.0847	305	41.3089	22.642	37.00	41.250	119.799	2.926	-5.206	16.765	2.730	9.095	67.508	15.851	2.5808	6.51418	0.00093	41.3099	64.002
0.0850	306	41.3099	22.643	37.00	41.250	120.002	2.931	-5.206	16.768	2.730	9.094	67.458	15.863	2.5827	6.51165	0.00093	41.3108	64.124
0.0853	307	41.3108	22.644	37.00	41.250	120.204	2.936	-5.206	16.772	2.731	9.094	67.407	15.875	2.5846	6.50912	0.00093	41.3117	64.246
0.0856	308	41.3117	22.645	37.00	41.250	120.406	2.941	-5.206	16.775	2.731	9.093	67.356	15.887	2.5866	6.50659	0.00093	41.3126	64.369
0.0858	309	41.3126	22.646	37.00	41.250	120.608	2.945	-5.206	16.779	2.732	9.093	67.306	15.899	2.5885	6.50406	0.00093	41.3136	64.491
0.0861	310	41.3136	22.647	37.00	41.250	120.810	2.950	-5.206	16.783	2.732	9.092	67.255	15.911	2.5905	6.50153	0.00093	41.3145	64.613
0.0864	311	41.3145	22.648	37.00	41.250	121.012	2.955	-5.206	16.786	2.733	9.091	67.205	15.922	2.5924	6.49900	0.00093	41.3154	64.735
0.0867	312	41.3154	22.649	37.00	41.250	121.214	2.960	-5.206	16.790	2.734	9.091	67.155	15.934	2.5943	6.49648	0.00093	41.3164	64.858
0.0869	313	41.3164	22.650	37.00	41.250	121.416	2.965	-5.206	16.794	2.734	9.090	67.105	15.946	2.5963	6.49395	0.00093	41.3173	64.980
0.0872	314	41.3173	22.651	37.00	41.250	121.618	2.970	-5.206	16.797	2.735	9.090	67.055	15.958	2.5982	6.49143	0.00093	41.3182	65.102
0.0875	315	41.3182	22.652	37.00	41.250	121.820	2.975	-5.206	16.801	2.735	9.089	67.005	15.970	2.6001	6.48891	0.00093	41.3191	65.224
0.0878	316	41.3191	22.653	37.00	41.250	122.022	2.980	-5.206	16.804	2.736	9.088	66.955	15.982	2.6021	6.48639	0.00093	41.3201	65.346
0.0881	317	41.3201	22.653	37.00	41.250	122.224	2.985	-5.206	16.808	2.737	9.088	66.906	15.994	2.6040	6.48387	0.00093	41.3210	65.468
0.0883	318	41.3210	22.654	37.00	41.250	122.426	2.990	-5.206	16.812	2.737	9.087	66.856	16.006	2.6059	6.48135	0.00093	41.3219	65.589
0.0886	319	41.3219	22.655	37.00	41.250	122.628	2.995	-5.206	16.815	2.738	9.087	66.806	16.018	2.6079	6.47883	0.00093	41.3228	65.711
0.0889	320	41.3228	22.656	37.00	41.250	122.830	3.000	-5.206	16.819	2.738	9.086	66.757	16.029	2.6098	6.47631	0.00093	41.3238	65.833
0.0892	321	41.3238	22.657	37.00	41.250	123.032	3.005	-5.206	16.822	2.739	9.086	66.708	16.041	2.6117	6.47379	0.00092	41.3247	65.955
0.0894	322	41.3247	22.658	37.00	41.250	123.234	3.010	-5.206	16.826	2.739	9.085	66.658	16.053	2.6137	6.47128	0.00092	41.3256	66.076
0.0897	323	41.3256	22.659	37.00	41.250	123.436	3.015	-5.206	16.830	2.740	9.084	66.609	16.065	2.6156	6.46876	0.00092	41.3265	66.198
0.0900	324	41.3265	22.660	37.00	41.250	123.638	3.019	-5.206	16.833	2.741	9.084	66.560	16.077	2.6175	6.46625	0.00092	41.3275	66.320
0.0903	325	41.3275	22.661	37.00	41.250	123.840	3.024	-5.206	16.837	2.741	9.083	66.511	16.089	2.6194	6.46374	0.00092	41.3284	66.441
0.0906	326	41.3284	22.662	37.00	41.250	124.042	3.029	-5.206	16.840	2.742	9.083	66.462	16.100	2.6214	6.46123	0.00092	41.3293	66.563
0.0908	327	41.3293	22.663	37.00	41.250	124.244	3.034	-5.206	16.844	2.742	9.082	66.413	16.112	2.6233	6.45872	0.00092	41.3302	66.684
0.0911	328	41.3302	22.664	37.00	41.250	124.446	3.039	-5.206	16.848	2.743	9.081	66.365	16.124	2.6252	6.45621	0.00092	41.3312	66.805
0.0914	329	41.3312	22.665	37.00	41.250	124.648	3.044	-5.206	16.851	2.744	9.081	66.316	16.136	2.6271	6.45370	0.00092	41.3321	66.927
0.0917	330	41.3321	22.665	37.00	41.250	124.850	3.049	-5.206	16.855	2.744	9.080	66.268	16.148	2.6291	6.45119	0.00092	41.3330	67.048
0.0919	331	41.3330	22.666	37.00	41.250	125.052	3.054	-5.206	16.858	2.745	9.080	66.219	16.160	2.6310	6.44868	0.00092	41.3339	67.169
0.0922	332	41.3339	22.667	37.00	41.250	125.254	3.059	-5.206	16.862	2.745	9.079	66.171	16.171	2.6329	6.44618	0.00092	41.3348	67.290
0.0925	333	41.3348	22.668	37.00	41.250	125.456	3.064	-5.206	16.865	2.746	9.079	66.123	16.183	2.6348	6.44367	0.00092	41.3358	67.412
0.0928	334	41.3358	22.669	37.00	41.250	125.658	3.069	-5.206	16.869	2.747	9.078	66.074	16.195	2.6368	6.44117	0.00092	41.3367	67.533
0.0931	335	41.3367	22.670	37.00	41.250	125.860	3.074	-5.206	16.873	2.747	9.077	66.026	16.207	2.6387	6.43867	0.00092	41.3376	67.654
0.0933	336	41.3376	22.671	37.00	41.250	126.062	3.079	-5.206	16.876	2.748	9.077	65.978	16.219	2.6406	6.43616	0.00092	41.3385	67.775
0.0936	337	41.3385	22.672	37.00	41.250	126.264	3.084	-5.206	16.880	2.748	9.076	65.930	16.230	2.6425	6.43366	0.00092	41.3394	67.896
0.0939	338	41.3394	22.673	37.00	41.250	126.466	3.089	-5.206	16.883	2.749	9.076	65.883	16.242	2.6444	6.43116	0.00092	41.3404	68.017
0.0942	339	41.3404	22.674	37.00	41.250	126.668	3.093	-5.206	16.887	2.749	9.075	65.835	16.254	2.6464	6.42866	0.00092	41.3413	68.138
0.0944	340	41.3413	22.675	37.00	41.250	126.871	3.098	-5.206	16.890	2.750	9.074	65.787	16.266	2.6483	6.42617	0.00092	41.3422	68.258
0.0947	341	41.3422	22.676	37.00	41.250	127.073	3.103	-5.206	16.894	2.751	9.074	65.740	16.277	2.6502	6.42367	0.00092	41.3431	68.379
0.0950	342	41.3431	22.677	37.00	41.250	127.275	3.108	-5.206	16.898	2.751	9.073	65.692	16.289	2.6521	6.42117	0.00092	41.3440	68.500
0.0953	343	41.3440	22.677	37.00	41.250	127.477	3.113	-5.206	16.901	2.752	9.073	65.645	16.301	2.6540	6.41868	0.00092	41.3449	68.621
0.0956	344	41.3449	22.678	37.00	41.250	127.679	3.118	-5.206	16.905	2.752	9.072	65.598	16.313	2.6559	6.41618	0.00092	41.3459	68.741
0.0958	345	41.3459	22.679	37.00	41.250	127.881	3.123	-5.206	16.908	2.753	9.072	65.550	16.324	2.6578	6.41369	0.00092	41.3468	68.862
0.0961	346	41.3468	22.680	37.00	41.250	128.083	3.128	-5.206	16.912	2.753	9.071	65.503	16.336	2.6597	6.41120	0.00092	41.3477	68.982
0.0964	347	41.3477	22.681	37.00	41.250	128.285	3.133	-5.206	16.915	2.754	9.070	65.456	16.348	2.6617	6.40871	0.00092	41.3486	69.103
0.0967	348	41.3486	22.682	37.00	41.250	128.487	3.138	-5.206	16.919	2.755	9.070	65.409	16.360	2.6636	6.40622	0.00092	41.3495	69.223
0.0969	349	41.3495	22.683	37.00	41.250	128.689	3.143	-5.206	16.923	2.755	9.069	65.362	16.371	2.6655	6.40373	0.00091	41.3504	69.344
0.0972	350	41.3504	22.684	37.00	41.250	128.891	3.148	-5.206	16.926	2.756	9.069	65.316	16.383	2.6674	6.40124	0.00091	41.3514	69.464
0.0975	351	41.3514	22.685	37.00	41.250	129.093	3.153	-5.206	16.930	2.756	9.068	65.269	16.395	2.6693	6.39875	0.00091	41.3523	69.584
0.0978	352	41.3523	22.686	37.00	41.250	129.295	3.158	-5.206	16.933	2.757	9.067	65.222	16.407	2.6712	6.39626	0.00091	41.3532	69.705
0.0981	353	41.3532	22.687	37.00	41.250	129.497	3.163	-5.206	16.937	2.758	9.067	65.176	16.418	2.6731	6.39378	0.00091	41.3541	69.825
0.0983	354	41.3541	22.687	37.00	41.250	129.699	3.168	-5.206	16.940	2.758	9.066	65.129	16.430	2.6750	6.39129	0.00091	41.3550	69.945
0.0986	355	41.3550	22.688	37.00	41.250	129.901	3.172	-5.206	16.944	2.759	9.066	65.083	16.442	2.6769	6.38881	0.00091	41.3559	70.065
0.0989	356	41.3559	22.689	37.00	41.250	130.103	3.177	-5.206	16.947	2.759	9.065	65.037	16.453	2.6788	6.38633	0.00091	41.3568	70.185
0.0992	357	41.3568	22.690	37.00	41.250	130.305	3.182	-5.206	16.951	2.760	9.065	64.991	16.465	2.6807	6.38385	0.00091	41.3577	70.305
0.0994	358	41.3577	22.691	37.00	41.250	130.507	3.187	-5.206	16.955	2.760	9.064	64.944	16.477	2.6826	6.38137	0.00091	41.3587	70.425
0.0997	359	41.3587	22.692	37.00	41.250	130.709	3.192	-5.206	16.958	2.761	9.063	64.898	16.488	2.6845	6.37889	0.00091	41.3596	70.545
0.1000	360	41.3596	22.693	37.00	41.250	130.911	3.197	-5.206	16.962	2.762	9.063	64.853	16.500	2.6864	6.37641	0.00091	41.3605	70.665
0.1003	361	41.3605	22.694	37.00	41.250	131.113	3.202	-5.206	16.965	2.762	9.062	64.807	16.512	2.6883	6.37393	0.00091	41.3614	70.785
0.1006	362	41.3614	22.695	37.00	41.250	131.315	3.207	-5.206	16.969	2.763	9.062	64.761	16.523	2.6902	6.37145	0.00091	41.3623	70.905
0.1008	363	41.3623	22.696	37.00	41.250	131.517	3.212	-5.206	16.972	2.763	9.061	64.715	16.535	2.6921	6.36898	0.00091	41.3632	71.024
0.1011	364	41.3632	22.697	37.00	41.250	131.719	3.217	-5.206	16.976	2.764	9.061	64.670	16.547	2.6940	6.36650	0.00091	41.3641	71.144
0.1014	365	41.3641	22.698	37.00	41.250	131.921	3.222	-5.206	16.979	2.764	9.060	64.624	16.558	2.6959	6.36403	0.00091	41.3650	71.264
0.1017	366	41.3650	22.698	37.00	41.250	132.123	3.227	-5.206	16.983	2.765	9.059	64.579	16.570	2.6978	6.36156	0.00091	41.3659	71.383
0.1019	367	41.3659	22.699	37.00	41.250	132.325	3.232	-5.206	16.986	2.766	9.059	64.533	16.582	2.6997	6.35908	0.00091	41.3668	71.503
0.1022	368	41.3668	22.700	37.00	41.250	132.527	3.237	-5.206	16.990	2.766	9.058	64.488	16.593	2.7016	6.35661	0.00091	41.3678	71.622
0.1025	369	41.3678	22.701	37.00	41.250	132.729	3.242	-5.206	16.994	2.767	9.058	64.443	16.605	2.7035	6.35414	0.00091	41.3687	71.742
0.1028	370	41.3687	22.702	37.00	41.250	132.931	3.246	-5.206	16.997	2.767	9.057	64.398	16.617	2.7054	6.35167	0.00091	41.3696	71.861

0.1031	371	41.3696	22.703	37.00	41.250	133.133	3.251	-5.206	17.001	2.768	9.057	64.353	16.628	2.7073	6.34921	0.00091	41.3705	71.981
0.1033	372	41.3705	22.704	37.00	41.250	133.335	3.256	-5.206	17.004	2.768	9.056	64.308	16.640	2.7092	6.34674	0.00091	41.3714	72.100
0.1036	373	41.3714	22.705	37.00	41.250	133.538	3.261	-5.206	17.008	2.769	9.055	64.263	16.652	2.7111	6.34427	0.00091	41.3723	72.219
0.1039	374	41.3723	22.706	37.00	41.250	133.740	3.266	-5.206	17.011	2.770	9.055	64.218	16.663	2.7130	6.34181	0.00091	41.3732	72.338
0.1042	375	41.3732	22.707	37.00	41.250	133.942	3.271	-5.206	17.015	2.770	9.054	64.173	16.675	2.7149	6.33934	0.00091	41.3741	72.458
0.1044	376	41.3741	22.707	37.00	41.250	134.144	3.276	-5.206	17.018	2.771	9.054	64.129	16.686	2.7168	6.33688	0.00091	41.3750	72.577
0.1047	377	41.3750	22.708	37.00	41.250	134.346	3.281	-5.206	17.022	2.771	9.053	64.084	16.698	2.7186	6.33442	0.00090	41.3759	72.696
0.1050	378	41.3759	22.709	37.00	41.250	134.548	3.286	-5.206	17.025	2.772	9.052	64.040	16.710	2.7205	6.33196	0.00090	41.3768	72.815
0.1053	379	41.3768	22.710	37.00	41.250	134.750	3.291	-5.206	17.029	2.773	9.052	63.995	16.721	2.7224	6.32950	0.00090	41.3777	72.934
0.1056	380	41.3777	22.711	37.00	41.250	134.952	3.296	-5.206	17.032	2.773	9.051	63.951	16.733	2.7243	6.32704	0.00090	41.3786	73.053
0.1058	381	41.3786	22.712	37.00	41.250	135.154	3.301	-5.206	17.036	2.774	9.051	63.907	16.744	2.7262	6.32458	0.00090	41.3795	73.172
0.1061	382	41.3795	22.713	37.00	41.250	135.356	3.306	-5.206	17.039	2.774	9.050	63.863	16.756	2.7281	6.32212	0.00090	41.3804	73.291
0.1064	383	41.3804	22.714	37.00	41.250	135.558	3.311	-5.206	17.043	2.775	9.050	63.818	16.767	2.7300	6.31966	0.00090	41.3813	73.410
0.1067	384	41.3813	22.715	37.00	41.250	135.760	3.316	-5.206	17.046	2.775	9.049	63.774	16.779	2.7319	6.31721	0.00090	41.3822	73.528
0.1069	385	41.3822	22.716	37.00	41.250	135.962	3.320	-5.206	17.050	2.776	9.048	63.730	16.791	2.7337	6.31475	0.00090	41.3831	73.647
0.1072	386	41.3831	22.717	37.00	41.250	136.164	3.325	-5.206	17.053	2.777	9.048	63.687	16.802	2.7356	6.31230	0.00090	41.3840	73.766
0.1075	387	41.3840	22.717	37.00	41.250	136.366	3.330	-5.206	17.057	2.777	9.047	63.643	16.814	2.7375	6.30985	0.00090	41.3849	73.884
0.1078	388	41.3849	22.718	37.00	41.250	136.568	3.335	-5.206	17.060	2.778	9.047	63.599	16.825	2.7394	6.30739	0.00090	41.3858	74.003
0.1081	389	41.3858	22.719	37.00	41.250	136.770	3.340	-5.206	17.064	2.778	9.046	63.556	16.837	2.7413	6.30494	0.00090	41.3867	74.121
0.1083	390	41.3867	22.720	37.00	41.250	136.972	3.345	-5.206	17.067	2.779	9.046	63.512	16.848	2.7431	6.30249	0.00090	41.3876	74.240
0.1086	391	41.3876	22.721	37.00	41.250	137.174	3.350	-5.206	17.071	2.779	9.045	63.469	16.860	2.7450	6.30004	0.00090	41.3885	74.358
0.1089	392	41.3885	22.722	37.00	41.250	137.376	3.355	-5.206	17.074	2.780	9.044	63.425	16.871	2.7469	6.29760	0.00090	41.3894	74.477
0.1092	393	41.3894	22.723	37.00	41.250	137.578	3.360	-5.206	17.078	2.781	9.044	63.382	16.883	2.7488	6.29515	0.00090	41.3903	74.595
0.1094	394	41.3903	22.724	37.00	41.250	137.780	3.365	-5.206	17.081	2.781	9.043	63.339	16.894	2.7506	6.29270	0.00090	41.3912	74.714
0.1097	395	41.3912	22.725	37.00	41.250	137.982	3.370	-5.206	17.085	2.782	9.043	63.295	16.906	2.7525	6.29026	0.00090	41.3921	74.832
0.1100	396	41.3921	22.726	37.00	41.250	138.184	3.375	-5.206	17.088	2.782	9.042	63.252	16.918	2.7544	6.28781	0.00090	41.3930	74.950
0.1103	397	41.3930	22.726	37.00	41.250	138.386	3.380	-5.206	17.092	2.783	9.042	63.209	16.929	2.7563	6.28537	0.00090	41.3939	75.068
0.1106	398	41.3939	22.727	37.00	41.250	138.588	3.385	-5.206	17.095	2.783	9.041	63.166	16.941	2.7581	6.28293	0.00090	41.3948	75.186
0.1108	399	41.3948	22.728	37.00	41.250	138.790	3.390	-5.206	17.099	2.784	9.041	63.124	16.952	2.7600	6.28049	0.00090	41.3957	75.304
0.1111	400	41.3957	22.729	37.00	41.250	138.992	3.394	-5.206	17.102	2.784	9.040	63.081	16.964	2.7619	6.27805	0.00090	41.3966	75.422
0.1114	401	41.3966	22.730	37.00	41.250	139.194	3.399	-5.206	17.106	2.785	9.039	63.038	16.975	2.7638	6.27561	0.00090	41.3975	75.540
0.1117	402	41.3975	22.731	37.00	41.250	139.396	3.404	-5.206	17.109	2.786	9.039	62.995	16.987	2.7656	6.27317	0.00090	41.3984	75.658
0.1119	403	41.3984	22.732	37.00	41.250	139.598	3.409	-5.206	17.113	2.786	9.038	62.953	16.998	2.7675	6.27073	0.00090	41.3993	75.776
0.1122	404	41.3993	22.733	37.00	41.250	139.800	3.414	-5.206	17.116	2.787	9.038	62.910	17.009	2.7694	6.26829	0.00090	41.4002	75.894
0.1125	405	41.4002	22.734	37.00	41.250	140.002	3.419	-5.206	17.120	2.787	9.037	62.868	17.021	2.7712	6.26586	0.00090	41.4011	76.012
0.1128	406	41.4011	22.734	37.00	41.250	140.205	3.424	-5.206	17.123	2.788	9.037	62.826	17.032	2.7731	6.26342	0.00089	41.4020	76.130
0.1131	407	41.4020	22.735	37.00	41.250	140.407	3.429	-5.206	17.127	2.788	9.036	62.783	17.044	2.7750	6.26099	0.00089	41.4029	76.247
0.1133	408	41.4029	22.736	37.00	41.250	140.609	3.434	-5.206	17.130	2.789	9.035	62.741	17.055	2.7768	6.25856	0.00089	41.4038	76.365
0.1136	409	41.4038	22.737	37.00	41.250	140.811	3.439	-5.206	17.134	2.790	9.035	62.699	17.067	2.7787	6.25612	0.00089	41.4047	76.483
0.1139	410	41.4047	22.738	37.00	41.250	141.013	3.444	-5.206	17.137	2.790	9.034	62.657	17.078	2.7806	6.25369	0.00089	41.4056	76.600
0.1142	411	41.4056	22.739	37.00	41.250	141.215	3.449	-5.206	17.141	2.791	9.034	62.615	17.090	2.7824	6.25126	0.00089	41.4065	76.718
0.1144	412	41.4065	22.740	37.00	41.250	141.417	3.454	-5.206	17.144	2.791	9.033	62.573	17.101	2.7843	6.24883	0.00089	41.4074	76.835
0.1147	413	41.4074	22.741	37.00	41.250	141.619	3.459	-5.206	17.148	2.792	9.033	62.531	17.113	2.7862	6.24641	0.00089	41.4083	76.953
0.1150	414	41.4083	22.742	37.00	41.250	141.821	3.464	-5.206	17.151	2.792	9.032	62.489	17.124	2.7880	6.24398	0.00089	41.4091	77.070
0.1153	415	41.4091	22.743	37.00	41.250	142.023	3.468	-5.206	17.155	2.793	9.031	62.448	17.135	2.7899	6.24155	0.00089	41.4100	77.187
0.1156	416	41.4100	22.743	37.00	41.250	142.225	3.473	-5.206	17.158	2.794	9.031	62.406	17.147	2.7917	6.23913	0.00089	41.4109	77.305
0.1158	417	41.4109	22.744	37.00	41.250	142.427	3.478	-5.206	17.161	2.794	9.030	62.365	17.158	2.7936	6.23670	0.00089	41.4118	77.422
0.1161	418	41.4118	22.745	37.00	41.250	142.629	3.483	-5.206	17.165	2.795	9.030	62.323	17.170	2.7955	6.23428	0.00089	41.4127	77.539
0.1164	419	41.4127	22.746	37.00	41.250	142.831	3.488	-5.206	17.168	2.795	9.029	62.282	17.181	2.7973	6.23186	0.00089	41.4136	77.656
0.1167	420	41.4136	22.747	37.00	41.250	143.033	3.493	-5.206	17.172	2.796	9.029	62.240	17.193	2.7992	6.22944	0.00089	41.4145	77.774
0.1169	421	41.4145	22.748	37.00	41.250	143.235	3.498	-5.206	17.175	2.796	9.028	62.199	17.204	2.8010	6.22702	0.00089	41.4154	77.891
0.1172	422	41.4154	22.749	37.00	41.250	143.437	3.503	-5.206	17.179	2.797	9.027	62.158	17.215	2.8029	6.22460	0.00089	41.4163	78.008
0.1175	423	41.4163	22.750	37.00	41.250	143.639	3.508	-5.206	17.182	2.798	9.027	62.117	17.227	2.8047	6.22218	0.00089	41.4172	78.125
0.1178	424	41.4172	22.751	37.00	41.250	143.841	3.513	-5.206	17.186	2.798	9.026	62.076	17.238	2.8066	6.21976	0.00089	41.4180	78.242
0.1181	425	41.4180	22.751	37.00	41.250	144.043	3.518	-5.206	17.189	2.799	9.026	62.035	17.250	2.8085	6.21734	0.00089	41.4189	78.358
0.1183	426	41.4189	22.752	37.00	41.250	144.245	3.523	-5.206	17.193	2.799	9.025	61.994	17.261	2.8103	6.21493	0.00089	41.4198	78.475
0.1186	427	41.4198	22.753	37.00	41.250	144.447	3.528	-5.206	17.196	2.800	9.025	61.953	17.272	2.8122	6.21251	0.00089	41.4207	78.592
0.1189	428	41.4207	22.754	37.00	41.250	144.649	3.533	-5.206	17.200	2.800	9.024	61.912	17.284	2.8140	6.21010	0.00089	41.4216	78.709
0.1192	429	41.4216	22.755	37.00	41.250	144.851	3.538	-5.206	17.203	2.801	9.024	61.872	17.295	2.8159	6.20768	0.00089	41.4225	78.826
0.1194	430	41.4225	22.756	37.00	41.250	145.053	3.542	-5.206	17.206	2.801	9.023	61.831	17.306	2.8177	6.20527	0.00089	41.4234	78.942
0.1197	431	41.4234	22.757	37.00	41.250	145.255	3.547	-5.206	17.210	2.802	9.022	61.790	17.318	2.8196	6.20286	0.00089	41.4243	79.059
0.1200	432	41.4243	22.758	37.00	41.250	145.457	3.552	-5.206	17.213	2.803	9.022	61.750	17.329	2.8214	6.20045	0.00089	41.4251	79.175
0.1203	433	41.4251	22.759	37.00	41.250	145.659	3.557	-5.206	17.217	2.803	9.021	61.709	17.340	2.8233	6.19804	0.00089	41.4260	79.292
0.1206	434	41.4260	22.759	37.00	41.250	145.861	3.562	-5.206	17.220	2.804	9.021	61.669	17.352	2.8251	6.19563	0.00089	41.4269	79.409
0.1208	435	41.4269	22.760	37.00	41.250	146.063	3.567	-5.206	17.224	2.804	9.020	61.629	17.363	2.8270	6.19323	0.00088	41.4278	79.525
0.1211	436	41.4278	22.761	37.00	41.250	146.265	3.572	-5.206	17.227	2.805	9.020	61.589	17.375	2.8288	6.19082	0.00088	41.4287	79.641
0.1214	437	41.4287	22.762	37.00	41.250	146.467	3.577	-5.206	17.231	2.805	9.019	61.548	17.386	2.8307	6.18841	0.00088	41.4296	79.758
0.1217	438	41.4296	22.763	37.00	41.250	146.669	3.582	-5.206	17.234	2.806	9.019	61.508	17.397	2.8325	6.18601	0.00088	41.4305	79.874
0.1219	439	41.4305	22.764	37.00	41.250	146.871	3.587	-5.206	17.237	2.806	9.018	61.468	17.409	2.8343	6.18360	0.00088	41.4313	79.990
0.1222	440	41.4313	22.765	37.00	41.250	147.074	3.592	-5.206	17.241	2.807	9.017	61.428	17.420	2.8362	6.18120	0.00088	41.4322	80.106
0.1225	441	41.4322	22.766	37.00	41.250	147.276	3.597	-5.206	17.244	2.808	9.017	61.389	17.431	2.8380	6.17880	0.00088	41.4331	80.223
0.1228	442	41.4331	22.766	37.00	41.250	147.478	3.602	-5.206	17.248	2.808	9.016	61.349	17.442	2.8399	6.17640	0.00088	41.4340	80.339
0.1231	443	41.4340	22.767	37.00	41.250	147.680	3.607	-5.206	17.251	2.809	9.016	61.309	17.454	2.8417	6.17400	0.00088	41.4349	80.455
0.1233	444	41.4349	22.768	37.00	41.250	147.882	3.612	-5.206	17.255	2.809	9.015	61.269	17.465	2.8435	6.17160	0.00088	41.4357	80.571
0.1236	445	41.4357	22.769	37.00	41.250	148.084	3.617	-5.206	17.258	2.810	9.015	61.230	17.476	2.8454	6.16920	0.00088	41.4366	80.687
0.1239	446	41.4366	22.770	37.00	41.250	148.286	3.621	-5.206	17.261	2.810	9.014	61.190	17.488	2.8472	6.16680	0.00088	41.4375	80.803
0.1242	447	41.4375	22.771	37.00	41.250	148.488	3.626	-5.206	17.265	2.811	9.013	61.151	17.499	2.8491	6.16441	0.00088	41.4384	80.919
0.1244	448	41.4384	22.772	37.00	41.250	148.690	3.631	-5.206	17.268	2.812	9.013	61.111	17.510	2.8509	6.16201	0.00088	41.4393	81.035
0.1247	449	41.4393	22.773	37.00	41.250	148.892	3.636	-5.206	17.272	2.812	9.012	61.072	17.522	2.8527	6.15962	0.00088	41.4402	81.150
0.1250	450	41.4402	22.774	37.00	41.250	149.094	3.641	-5.206	17.275	2.813	9.012	61.033	17.533	2.8546	6.15722	0.00088	41.4410	81.266
0.1253	451	41.4410	22.774	37.00	41.250	149.296	3.646	-5.206	17.279	2.813	9.011	60.993	17.544	2.8564	6.15483	0.00088	41.4419	81.382

0.1256	452	41.4419	22.775	37.00	41.250	149.498	3.651	-5.206	17.282	2.814	9.011	60.954	17.555	2.8582	6.15244	0.00088	41.4428	81.498
0.1258	453	41.4428	22.776	37.00	41.250	149.700	3.656	-5.206	17.285	2.814	9.010	60.915	17.567	2.8601	6.15005	0.00088	41.4437	81.613
0.1261	454	41.4437	22.777	37.00	41.250	149.902	3.661	-5.206	17.289	2.815	9.010	60.876	17.578	2.8619	6.14766	0.00088	41.4445	81.729
0.1264	455	41.4445	22.778	37.00	41.250	150.104	3.666	-5.206	17.292	2.815	9.009	60.837	17.589	2.8637	6.14527	0.00088	41.4454	81.844
0.1267	456	41.4454	22.779	37.00	41.250	150.306	3.671	-5.206	17.296	2.816	9.008	60.798	17.600	2.8656	6.14288	0.00088	41.4463	81.960
0.1269	457	41.4463	22.780	37.00	41.250	150.508	3.676	-5.206	17.299	2.817	9.008	60.759	17.612	2.8674	6.14050	0.00088	41.4472	82.075
0.1272	458	41.4472	22.781	37.00	41.250	150.710	3.681	-5.206	17.303	2.817	9.007	60.721	17.623	2.8692	6.13811	0.00088	41.4481	82.191
0.1275	459	41.4481	22.781	37.00	41.250	150.912	3.686	-5.206	17.306	2.818	9.007	60.682	17.634	2.8711	6.13573	0.00088	41.4489	82.306
0.1278	460	41.4489	22.782	37.00	41.250	151.114	3.691	-5.206	17.309	2.818	9.006	60.643	17.645	2.8729	6.13334	0.00088	41.4498	82.421
0.1281	461	41.4498	22.783	37.00	41.250	151.316	3.695	-5.206	17.313	2.819	9.006	60.605	17.657	2.8747	6.13096	0.00088	41.4507	82.537
0.1283	462	41.4507	22.784	37.00	41.250	151.518	3.700	-5.206	17.316	2.819	9.005	60.566	17.668	2.8766	6.12858	0.00088	41.4516	82.652
0.1286	463	41.4516	22.785	37.00	41.250	151.720	3.705	-5.206	17.320	2.820	9.005	60.528	17.679	2.8784	6.12619	0.00088	41.4524	82.767
0.1289	464	41.4524	22.786	37.00	41.250	151.922	3.710	-5.206	17.323	2.820	9.004	60.489	17.690	2.8802	6.12381	0.00087	41.4533	82.882
0.1292	465	41.4533	22.787	37.00	41.250	152.124	3.715	-5.206	17.326	2.821	9.003	60.451	17.701	2.8820	6.12143	0.00087	41.4542	82.997
0.1294	466	41.4542	22.788	37.00	41.250	152.326	3.720	-5.206	17.330	2.822	9.003	60.413	17.713	2.8839	6.11906	0.00087	41.4551	83.112
0.1297	467	41.4551	22.788	37.00	41.250	152.528	3.725	-5.206	17.333	2.822	9.002	60.375	17.724	2.8857	6.11668	0.00087	41.4559	83.227
0.1300	468	41.4559	22.789	37.00	41.250	152.730	3.730	-5.206	17.337	2.823	9.002	60.337	17.735	2.8875	6.11430	0.00087	41.4568	83.342
0.1303	469	41.4568	22.790	37.00	41.250	152.932	3.735	-5.206	17.340	2.823	9.001	60.299	17.746	2.8893	6.11192	0.00087	41.4577	83.457
0.1306	470	41.4577	22.791	37.00	41.250	153.134	3.740	-5.206	17.343	2.824	9.001	60.261	17.757	2.8911	6.10955	0.00087	41.4586	83.572
0.1308	471	41.4586	22.792	37.00	41.250	153.336	3.745	-5.206	17.347	2.824	9.000	60.223	17.769	2.8930	6.10718	0.00087	41.4594	83.687
0.1311	472	41.4594	22.793	37.00	41.250	153.538	3.750	-5.206	17.350	2.825	9.000	60.185	17.780	2.8948	6.10480	0.00087	41.4603	83.802
0.1314	473	41.4603	22.794	37.00	41.250	153.741	3.755	-5.206	17.354	2.825	8.999	60.147	17.791	2.8966	6.10243	0.00087	41.4612	83.916
0.1317	474	41.4612	22.795	37.00	41.250	153.943	3.760	-5.206	17.357	2.826	8.998	60.109	17.802	2.8984	6.10006	0.00087	41.4620	84.031
0.1319	475	41.4620	22.795	37.00	41.250	154.145	3.765	-5.206	17.360	2.826	8.998	60.071	17.813	2.9002	6.09769	0.00087	41.4629	84.146
0.1322	476	41.4629	22.796	37.00	41.250	154.347	3.769	-5.206	17.364	2.827	8.997	60.034	17.824	2.9021	6.09532	0.00087	41.4638	84.260
0.1325	477	41.4638	22.797	37.00	41.250	154.549	3.774	-5.206	17.367	2.828	8.997	59.996	17.836	2.9039	6.09295	0.00087	41.4647	84.375
0.1328	478	41.4647	22.798	37.00	41.250	154.751	3.779	-5.206	17.370	2.828	8.996	59.959	17.847	2.9057	6.09058	0.00087	41.4655	84.489
0.1331	479	41.4655	22.799	37.00	41.250	154.953	3.784	-5.206	17.374	2.829	8.996	59.921	17.858	2.9075	6.08822	0.00087	41.4664	84.604
0.1333	480	41.4664	22.800	37.00	41.250	155.155	3.789	-5.206	17.377	2.829	8.995	59.884	17.869	2.9093	6.08585	0.00087	41.4673	84.718
0.1336	481	41.4673	22.801	37.00	41.250	155.357	3.794	-5.206	17.381	2.830	8.995	59.847	17.880	2.9111	6.08349	0.00087	41.4681	84.833
0.1339	482	41.4681	22.802	37.00	41.250	155.559	3.799	-5.206	17.384	2.830	8.994	59.809	17.891	2.9130	6.08112	0.00087	41.4690	84.947
0.1342	483	41.4690	22.802	37.00	41.250	155.761	3.804	-5.206	17.387	2.831	8.994	59.772	17.903	2.9148	6.07876	0.00087	41.4699	85.061
0.1344	484	41.4699	22.803	37.00	41.250	155.963	3.809	-5.206	17.391	2.831	8.993	59.735	17.914	2.9166	6.07640	0.00087	41.4707	85.176
0.1347	485	41.4707	22.804	37.00	41.250	156.165	3.814	-5.206	17.394	2.832	8.992	59.698	17.925	2.9184	6.07404	0.00087	41.4716	85.290
0.1350	486	41.4716	22.805	37.00	41.250	156.367	3.819	-5.206	17.398	2.833	8.992	59.661	17.936	2.9202	6.07168	0.00087	41.4725	85.404
0.1353	487	41.4725	22.806	37.00	41.250	156.569	3.824	-5.206	17.401	2.833	8.991	59.624	17.947	2.9220	6.06932	0.00087	41.4733	85.518
0.1356	488	41.4733	22.807	37.00	41.250	156.771	3.829	-5.206	17.404	2.834	8.991	59.587	17.958	2.9238	6.06696	0.00087	41.4742	85.632
0.1358	489	41.4742	22.808	37.00	41.250	156.973	3.834	-5.206	17.408	2.834	8.990	59.550	17.969	2.9256	6.06460	0.00087	41.4751	85.746
0.1361	490	41.4751	22.808	37.00	41.250	157.175	3.839	-5.206	17.411	2.835	8.990	59.514	17.980	2.9274	6.06224	0.00087	41.4759	85.860
0.1364	491	41.4759	22.809	37.00	41.250	157.377	3.843	-5.206	17.414	2.835	8.989	59.477	17.991	2.9292	6.05989	0.00087	41.4768	85.974
0.1367	492	41.4768	22.810	37.00	41.250	157.579	3.848	-5.206	17.418	2.836	8.989	59.440	18.003	2.9311	6.05753	0.00087	41.4777	86.088
0.1369	493	41.4777	22.811	37.00	41.250	157.781	3.853	-5.206	17.421	2.836	8.988	59.404	18.014	2.9329	6.05518	0.00087	41.4785	86.202
0.1372	494	41.4785	22.812	37.00	41.250	157.983	3.858	-5.206	17.424	2.837	8.987	59.367	18.025	2.9347	6.05283	0.00086	41.4794	86.316
0.1375	495	41.4794	22.813	37.00	41.250	158.185	3.863	-5.206	17.428	2.837	8.987	59.331	18.036	2.9365	6.05047	0.00086	41.4803	86.429
0.1378	496	41.4803	22.814	37.00	41.250	158.387	3.868	-5.206	17.431	2.838	8.986	59.294	18.047	2.9383	6.04812	0.00086	41.4811	86.543
0.1381	497	41.4811	22.815	37.00	41.250	158.589	3.873	-5.206	17.435	2.839	8.986	59.258	18.058	2.9401	6.04577	0.00086	41.4820	86.657
0.1383	498	41.4820	22.815	37.00	41.250	158.791	3.878	-5.206	17.438	2.839	8.985	59.221	18.069	2.9419	6.04342	0.00086	41.4829	86.770
0.1386	499	41.4829	22.816	37.00	41.250	158.993	3.883	-5.206	17.441	2.840	8.985	59.185	18.080	2.9437	6.04108	0.00086	41.4837	86.884
0.1389	500	41.4837	22.817	37.00	41.250	159.195	3.888	-5.206	17.445	2.840	8.984	59.149	18.091	2.9455	6.03873	0.00086	41.4846	86.997
0.1392	501	41.4846	22.818	37.00	41.250	159.397	3.893	-5.206	17.448	2.841	8.984	59.113	18.102	2.9473	6.03638	0.00086	41.4854	87.111
0.1394	502	41.4854	22.819	37.00	41.250	159.599	3.898	-5.206	17.451	2.841	8.983	59.077	18.113	2.9491	6.03404	0.00086	41.4863	87.224
0.1397	503	41.4863	22.820	37.00	41.250	159.801	3.903	-5.206	17.455	2.842	8.983	59.041	18.124	2.9509	6.03169	0.00086	41.4872	87.338
0.1400	504	41.4872	22.821	37.00	41.250	160.003	3.908	-5.206	17.458	2.842	8.982	59.005	18.135	2.9527	6.02935	0.00086	41.4880	87.451
0.1403	505	41.4880	22.821	37.00	41.250	160.205	3.913	-5.206	17.461	2.843	8.981	58.969	18.146	2.9545	6.02701	0.00086	41.4889	87.564
0.1406	506	41.4889	22.822	37.00	41.250	160.408	3.917	-5.206	17.465	2.843	8.981	58.933	18.157	2.9563	6.02466	0.00086	41.4897	87.678
0.1408	507	41.4897	22.823	37.00	41.250	160.610	3.922	-5.206	17.468	2.844	8.980	58.897	18.168	2.9581	6.02232	0.00086	41.4906	87.791
0.1411	508	41.4906	22.824	37.00	41.250	160.812	3.927	-5.206	17.471	2.845	8.980	58.862	18.179	2.9599	6.01998	0.00086	41.4915	87.904
0.1414	509	41.4915	22.825	37.00	41.250	161.014	3.932	-5.206	17.475	2.845	8.979	58.826	18.190	2.9617	6.01764	0.00086	41.4923	88.017
0.1417	510	41.4923	22.826	37.00	41.250	161.216	3.937	-5.206	17.478	2.846	8.979	58.790	18.201	2.9634	6.01530	0.00086	41.4932	88.130
0.1419	511	41.4932	22.827	37.00	41.250	161.418	3.942	-5.206	17.482	2.846	8.978	58.755	18.212	2.9652	6.01297	0.00086	41.4940	88.243
0.1422	512	41.4940	22.827	37.00	41.250	161.620	3.947	-5.206	17.485	2.847	8.978	58.719	18.224	2.9670	6.01063	0.00086	41.4949	88.356
0.1425	513	41.4949	22.828	37.00	41.250	161.822	3.952	-5.206	17.488	2.847	8.977	58.684	18.235	2.9688	6.00829	0.00086	41.4958	88.469
0.1428	514	41.4958	22.829	37.00	41.250	162.024	3.957	-5.206	17.492	2.848	8.977	58.649	18.246	2.9706	6.00596	0.00086	41.4966	88.582
0.1431	515	41.4966	22.830	37.00	41.250	162.226	3.962	-5.206	17.495	2.848	8.976	58.613	18.257	2.9724	6.00363	0.00086	41.4975	88.695
0.1433	516	41.4975	22.831	37.00	41.250	162.428	3.967	-5.206	17.498	2.849	8.975	58.578	18.267	2.9742	6.00129	0.00086	41.4983	88.808
0.1436	517	41.4983	22.832	37.00	41.250	162.630	3.972	-5.206	17.502	2.849	8.975	58.543	18.278	2.9760	5.99896	0.00086	41.4992	88.921
0.1439	518	41.4992	22.833	37.00	41.250	162.832	3.977	-5.206	17.505	2.850	8.974	58.508	18.289	2.9778	5.99663	0.00086	41.5000	89.034
0.1442	519	41.5000	22.833	37.00	41.250	163.034	3.982	-5.206	17.508	2.851	8.974	58.472	18.300	2.9796	5.99430	0.00086	41.5009	89.146
0.1444	520	41.5009	22.834	37.00	41.250	163.236	3.987	-5.206	17.512	2.851	8.973	58.437	18.311	2.9813	5.99197	0.00086	41.5018	89.259
0.1447	521	41.5018	22.835	37.00	41.250	163.438	3.991	-5.206	17.515	2.852	8.973	58.402	18.322	2.9831	5.98964	0.00086	41.5026	89.372
0.1450	522	41.5026	22.836	37.00	41.250	163.640	3.996	-5.206	17.518	2.852	8.972	58.368	18.333	2.9849	5.98732	0.00086	41.5035	89.484
0.1453	523	41.5035	22.837	37.00	41.250	163.842	4.001	-5.206	17.522	2.853	8.972	58.333	18.344	2.9867	5.98499	0.00085	41.5043	89.597
0.1456	524	41.5043	22.838	37.00	41.250	164.044	4.006	-5.206	17.525	2.853	8.971	58.298	18.355	2.9885	5.98266	0.00085	41.5052	89.709
0.1458	525	41.5052	22.839	37.00	41.250	164.246	4.011	-5.206	17.528	2.854	8.971	58.263	18.366	2.9903	5.98034	0.00085	41.5060	89.822
0.1461	526	41.5060	22.839	37.00	41.250	164.448	4.016	-5.206	17.532	2.854	8.970	58.228	18.377	2.9921	5.97801	0.00085	41.5069	89.934
0.1464	527	41.5069	22.840	37.00	41.250	164.650	4.021	-5.206	17.535	2.855	8.970	58.194	18.388	2.9938	5.97569	0.00085	41.5077	90.046
0.1467	528	41.5077	22.841	37.00	41.250	164.852	4.026	-5.206	17.538	2.855	8.969	58.159	18.399	2.9956	5.97337	0.00085	41.5086	90.159
0.1469	529	41.5086	22.842	37.00	41.250	165.054	4.031	-5.206	17.541	2.856	8.968	58.125	18.410	2.9974	5.97105	0.00085	41.5094	90.271
0.1472	530	41.5094	22.843	37.00	41.250	165.256	4.036	-5.206	17.545	2.857	8.968	58.090	18.421	2.9992	5.96873	0.00085	41.5103	90.383
0.1475	531	41.5103	22.844	37.00	41.250	165.458	4.041	-5.206	17.548	2.857	8.967	58.056	18.432	3.0010	5.96641	0.00085	41.5112	90.495
0.1478	532	41.5112	22.845	37.00	41.250	165.660	4.046	-5.206	17.551	2.858	8.967	58.021	18.443	3.0027	5.96409	0.00085	41.5120	90.607

0.1481	533	41.5120	22.845	37.00	41.250	165.862	4.051	-5.206	17.555	2.858	8.966	57.987	18.454	3.0045	5.96177	0.00085	41.5129	90.720
0.1483	534	41.5129	22.846	37.00	41.250	166.064	4.056	-5.206	17.558	2.859	8.966	57.953	18.465	3.0063	5.95946	0.00085	41.5137	90.832
0.1486	535	41.5137	22.847	37.00	41.250	166.266	4.061	-5.206	17.561	2.859	8.965	57.918	18.476	3.0081	5.95714	0.00085	41.5146	90.944
0.1489	536	41.5146	22.848	37.00	41.250	166.468	4.065	-5.206	17.565	2.860	8.965	57.884	18.486	3.0098	5.95483	0.00085	41.5154	91.056
0.1492	537	41.5154	22.849	37.00	41.250	166.670	4.070	-5.206	17.568	2.860	8.964	57.850	18.497	3.0116	5.95251	0.00085	41.5163	91.167
0.1494	538	41.5163	22.850	37.00	41.250	166.872	4.075	-5.206	17.571	2.861	8.964	57.816	18.508	3.0134	5.95020	0.00085	41.5171	91.279
0.1497	539	41.5171	22.851	37.00	41.250	167.074	4.080	-5.206	17.575	2.861	8.963	57.782	18.519	3.0152	5.94789	0.00085	41.5180	91.391
0.1500	540	41.5180	22.851	37.00	41.250	167.277	4.085	-5.206	17.578	2.862	8.963	57.748	18.530	3.0169	5.94558	0.00085	41.5188	91.503
0.1503	541	41.5188	22.852	37.00	41.250	167.479	4.090	-5.206	17.581	2.862	8.962	57.714	18.541	3.0187	5.94327	0.00085	41.5197	91.615
0.1506	542	41.5197	22.853	37.00	41.250	167.681	4.095	-5.206	17.585	2.863	8.961	57.680	18.552	3.0205	5.94096	0.00085	41.5205	91.726
0.1508	543	41.5205	22.854	37.00	41.250	167.883	4.100	-5.206	17.588	2.864	8.961	57.647	18.563	3.0222	5.93865	0.00085	41.5214	91.838
0.1511	544	41.5214	22.855	37.00	41.250	168.085	4.105	-5.206	17.591	2.864	8.960	57.613	18.574	3.0240	5.93634	0.00085	41.5222	91.950
0.1514	545	41.5222	22.856	37.00	41.250	168.287	4.110	-5.206	17.594	2.865	8.960	57.579	18.584	3.0258	5.93403	0.00085	41.5231	92.061
0.1517	546	41.5231	22.856	37.00	41.250	168.489	4.115	-5.206	17.598	2.865	8.959	57.545	18.595	3.0276	5.93173	0.00085	41.5239	92.173
0.1519	547	41.5239	22.857	37.00	41.250	168.691	4.120	-5.206	17.601	2.866	8.959	57.512	18.606	3.0293	5.92942	0.00085	41.5247	92.284
0.1522	548	41.5247	22.858	37.00	41.250	168.893	4.125	-5.206	17.604	2.866	8.958	57.478	18.617	3.0311	5.92712	0.00085	41.5256	92.396
0.1525	549	41.5256	22.859	37.00	41.250	169.095	4.130	-5.206	17.608	2.867	8.958	57.445	18.628	3.0329	5.92482	0.00085	41.5264	92.507
0.1528	550	41.5264	22.860	37.00	41.250	169.297	4.135	-5.206	17.611	2.867	8.957	57.411	18.639	3.0346	5.92251	0.00085	41.5273	92.618
0.1531	551	41.5273	22.861	37.00	41.250	169.499	4.140	-5.206	17.614	2.868	8.957	57.378	18.650	3.0364	5.92021	0.00085	41.5281	92.730
0.1533	552	41.5281	22.862	37.00	41.250	169.701	4.144	-5.206	17.617	2.868	8.956	57.345	18.660	3.0382	5.91791	0.00085	41.5290	92.841
0.1536	553	41.5290	22.862	37.00	41.250	169.903	4.149	-5.206	17.621	2.869	8.956	57.311	18.671	3.0399	5.91561	0.00085	41.5298	92.952
0.1539	554	41.5298	22.863	37.00	41.250	170.105	4.154	-5.206	17.624	2.869	8.955	57.278	18.682	3.0417	5.91331	0.00084	41.5307	93.063
0.1542	555	41.5307	22.864	37.00	41.250	170.307	4.159	-5.206	17.627	2.870	8.954	57.245	18.693	3.0434	5.91102	0.00084	41.5315	93.175
0.1544	556	41.5315	22.865	37.00	41.250	170.509	4.164	-5.206	17.631	2.871	8.954	57.212	18.704	3.0452	5.90872	0.00084	41.5324	93.286
0.1547	557	41.5324	22.866	37.00	41.250	170.711	4.169	-5.206	17.634	2.871	8.953	57.179	18.714	3.0470	5.90642	0.00084	41.5332	93.397
0.1550	558	41.5332	22.867	37.00	41.250	170.913	4.174	-5.206	17.637	2.872	8.953	57.146	18.725	3.0487	5.90413	0.00084	41.5340	93.508
0.1553	559	41.5340	22.867	37.00	41.250	171.115	4.179	-5.206	17.640	2.872	8.952	57.113	18.736	3.0505	5.90183	0.00084	41.5349	93.619
0.1556	560	41.5349	22.868	37.00	41.250	171.317	4.184	-5.206	17.644	2.873	8.952	57.080	18.747	3.0523	5.89954	0.00084	41.5357	93.730
0.1558	561	41.5357	22.869	37.00	41.250	171.519	4.189	-5.206	17.647	2.873	8.951	57.047	18.758	3.0540	5.89725	0.00084	41.5366	93.840
0.1561	562	41.5366	22.870	37.00	41.250	171.721	4.194	-5.206	17.650	2.874	8.951	57.014	18.769	3.0558	5.89496	0.00084	41.5374	93.951
0.1564	563	41.5374	22.871	37.00	41.250	171.923	4.199	-5.206	17.654	2.874	8.950	56.981	18.779	3.0575	5.89266	0.00084	41.5383	94.062
0.1567	564	41.5383	22.872	37.00	41.250	172.125	4.204	-5.206	17.657	2.875	8.950	56.949	18.790	3.0593	5.89038	0.00084	41.5391	94.173
0.1569	565	41.5391	22.872	37.00	41.250	172.327	4.209	-5.206	17.660	2.875	8.949	56.916	18.801	3.0610	5.88809	0.00084	41.5399	94.284
0.1572	566	41.5399	22.873	37.00	41.250	172.529	4.214	-5.206	17.663	2.876	8.949	56.883	18.812	3.0628	5.88580	0.00084	41.5408	94.394
0.1575	567	41.5408	22.874	37.00	41.250	172.731	4.218	-5.206	17.667	2.876	8.948	56.851	18.822	3.0645	5.88351	0.00084	41.5416	94.505
0.1578	568	41.5416	22.875	37.00	41.250	172.933	4.223	-5.206	17.670	2.877	8.948	56.818	18.833	3.0663	5.88122	0.00084	41.5425	94.615
0.1581	569	41.5425	22.876	37.00	41.250	173.135	4.228	-5.206	17.673	2.877	8.947	56.786	18.844	3.0681	5.87894	0.00084	41.5433	94.726
0.1583	570	41.5433	22.877	37.00	41.250	173.337	4.233	-5.206	17.676	2.878	8.946	56.753	18.855	3.0698	5.87666	0.00084	41.5441	94.836
0.1586	571	41.5441	22.878	37.00	41.250	173.539	4.238	-5.206	17.680	2.879	8.946	56.721	18.866	3.0716	5.87437	0.00084	41.5450	94.947
0.1589	572	41.5450	22.878	37.00	41.250	173.741	4.243	-5.206	17.683	2.879	8.945	56.689	18.876	3.0733	5.87209	0.00084	41.5458	95.057
0.1592	573	41.5458	22.879	37.00	41.250	173.944	4.248	-5.206	17.686	2.880	8.945	56.657	18.887	3.0751	5.86981	0.00084	41.5467	95.168
0.1594	574	41.5467	22.880	37.00	41.250	174.146	4.253	-5.206	17.690	2.880	8.944	56.624	18.898	3.0768	5.86753	0.00084	41.5475	95.278
0.1597	575	41.5475	22.881	37.00	41.250	174.348	4.258	-5.206	17.693	2.881	8.944	56.592	18.909	3.0786	5.86525	0.00084	41.5483	95.388
0.1600	576	41.5483	22.882	37.00	41.250	174.550	4.263	-5.206	17.696	2.881	8.943	56.560	18.919	3.0803	5.86297	0.00084	41.5492	95.498
0.1603	577	41.5492	22.883	37.00	41.250	174.752	4.268	-5.206	17.699	2.882	8.943	56.528	18.930	3.0821	5.86069	0.00084	41.5500	95.609
0.1606	578	41.5500	22.883	37.00	41.250	174.954	4.273	-5.206	17.703	2.882	8.942	56.496	18.941	3.0838	5.85841	0.00084	41.5508	95.719
0.1608	579	41.5508	22.884	37.00	41.250	175.156	4.278	-5.206	17.706	2.883	8.942	56.464	18.951	3.0855	5.85614	0.00084	41.5517	95.829
0.1611	580	41.5517	22.885	37.00	41.250	175.358	4.283	-5.206	17.709	2.883	8.941	56.432	18.962	3.0873	5.85386	0.00084	41.5525	95.939
0.1614	581	41.5525	22.886	37.00	41.250	175.560	4.288	-5.206	17.712	2.884	8.941	56.400	18.973	3.0890	5.85159	0.00084	41.5534	96.049
0.1617	582	41.5534	22.887	37.00	41.250	175.762	4.292	-5.206	17.716	2.884	8.940	56.368	18.984	3.0908	5.84931	0.00084	41.5542	96.159
0.1619	583	41.5542	22.888	37.00	41.250	175.964	4.297	-5.206	17.719	2.885	8.940	56.337	18.994	3.0925	5.84704	0.00084	41.5550	96.269
0.1622	584	41.5550	22.888	37.00	41.250	176.166	4.302	-5.206	17.722	2.885	8.939	56.305	19.005	3.0943	5.84477	0.00083	41.5559	96.379
0.1625	585	41.5559	22.889	37.00	41.250	176.368	4.307	-5.206	17.725	2.886	8.939	56.273	19.016	3.0960	5.84250	0.00083	41.5567	96.489
0.1628	586	41.5567	22.890	37.00	41.250	176.570	4.312	-5.206	17.729	2.886	8.938	56.241	19.026	3.0978	5.84022	0.00083	41.5575	96.598
0.1631	587	41.5575	22.891	37.00	41.250	176.772	4.317	-5.206	17.732	2.887	8.937	56.210	19.037	3.0995	5.83796	0.00083	41.5584	96.708
0.1633	588	41.5584	22.892	37.00	41.250	176.974	4.322	-5.206	17.735	2.888	8.937	56.178	19.048	3.1012	5.83569	0.00083	41.5592	96.818
0.1636	589	41.5592	22.893	37.00	41.250	177.176	4.327	-5.206	17.738	2.888	8.936	56.147	19.058	3.1030	5.83342	0.00083	41.5600	96.928
0.1639	590	41.5600	22.893	37.00	41.250	177.378	4.332	-5.206	17.742	2.889	8.936	56.115	19.069	3.1047	5.83115	0.00083	41.5609	97.037
0.1642	591	41.5609	22.894	37.00	41.250	177.580	4.337	-5.206	17.745	2.889	8.935	56.084	19.080	3.1064	5.82889	0.00083	41.5617	97.147
0.1644	592	41.5617	22.895	37.00	41.250	177.782	4.342	-5.206	17.748	2.890	8.935	56.053	19.090	3.1082	5.82662	0.00083	41.5625	97.256
0.1647	593	41.5625	22.896	37.00	41.250	177.984	4.347	-5.206	17.751	2.890	8.934	56.021	19.101	3.1099	5.82436	0.00083	41.5634	97.366
0.1650	594	41.5634	22.897	37.00	41.250	178.186	4.352	-5.206	17.755	2.891	8.934	55.990	19.112	3.1117	5.82209	0.00083	41.5642	97.475
0.1653	595	41.5642	22.898	37.00	41.250	178.388	4.357	-5.206	17.758	2.891	8.933	55.959	19.122	3.1134	5.81983	0.00083	41.5650	97.585
0.1656	596	41.5650	22.898	37.00	41.250	178.590	4.362	-5.206	17.761	2.892	8.933	55.928	19.133	3.1151	5.81757	0.00083	41.5659	97.694
0.1658	597	41.5659	22.899	37.00	41.250	178.792	4.366	-5.206	17.764	2.892	8.932	55.897	19.144	3.1169	5.81531	0.00083	41.5667	97.804
0.1661	598	41.5667	22.900	37.00	41.250	178.994	4.371	-5.206	17.767	2.893	8.932	55.866	19.154	3.1186	5.81305	0.00083	41.5675	97.913
0.1664	599	41.5675	22.901	37.00	41.250	179.196	4.376	-5.206	17.771	2.893	8.931	55.835	19.165	3.1203	5.81079	0.00083	41.5683	98.022
0.1667	600	41.5683	22.902	37.00	41.250	179.398	4.381	-5.206	17.774	2.894	8.931	55.804	19.176	3.1221	5.80853	0.00083	41.5692	98.131
0.1669	601	41.5692	22.903	37.00	41.250	179.600	4.386	-5.206	17.777	2.894	8.930	55.773	19.186	3.1238	5.80628	0.00083	41.5700	98.240
0.1672	602	41.5700	22.903	37.00	41.250	179.802	4.391	-5.206	17.780	2.895	8.930	55.742	19.197	3.1255	5.80402	0.00083	41.5708	98.350
0.1675	603	41.5708	22.904	37.00	41.250	180.004	4.396	-5.206	17.784	2.895	8.929	55.711	19.208	3.1273	5.80177	0.00083	41.5717	98.459
0.1678	604	41.5717	22.905	37.00	41.250	180.206	4.401	-5.206	17.787	2.896	8.928	55.680	19.218	3.1290	5.79951	0.00083	41.5725	98.568
0.1681	605	41.5725	22.906	37.00	41.250	180.408	4.406	-5.206	17.790	2.896	8.928	55.649	19.229	3.1307	5.79726	0.00083	41.5733	98.677
0.1683	606	41.5733	22.907	37.00	41.250	180.610	4.411	-5.206	17.793	2.897	8.927	55.619	19.239	3.1324	5.79500	0.00083	41.5741	98.786
0.1686	607	41.5741	22.908	37.00	41.250	180.813	4.416	-5.206	17.796	2.898	8.927	55.588	19.250	3.1342	5.79275	0.00083	41.5750	98.895
0.1689	608	41.5750	22.908	37.00	41.250	181.015	4.421	-5.206	17.800	2.898	8.926	55.557	19.261	3.1359	5.79050	0.00083	41.5758	99.003
0.1692	609	41.5758	22.909	37.00	41.250	181.217	4.426	-5.206	17.803	2.899	8.926	55.527	19.271	3.1376	5.78825	0.00083	41.5766	99.112
0.1694	610	41.5766	22.910	37.00	41.250	181.419	4.431	-5.206	17.806	2.899	8.925	55.496	19.282	3.1393	5.78600	0.00083	41.5775	99.221
0.1697	611	41.5775	22.911	37.00	41.250	181.621	4.436	-5.206	17.809	2.900	8.925	55.466	19.292	3.1411	5.78375	0.00083	41.5783	99.330
0.1700	612	41.5783	22.912	37.00	41.250	181.823	4.440	-5.206	17.813	2.900	8.924	55.435	19.303	3.1428	5.78151	0.00083	41.5791	99.438
0.1703	613	41.5791	22.912	37.00	41.250	182.025	4.445	-5.206	17.816	2.901	8.924	55.405	19.314	3.1445	5.77926	0.00083	41.5799	99.547

0.1706	614	41.5799	22.913	37.00	41.250	182.227	4.450	-5.206	17.819	2.901	8.923	55.375	19.324	3.1462	5.77701	0.00083	41.5808	99.656
0.1708	615	41.5808	22.914	37.00	41.250	182.429	4.455	-5.206	17.822	2.902	8.923	55.344	19.335	3.1480	5.77477	0.00082	41.5816	99.764
0.1711	616	41.5816	22.915	37.00	41.250	182.631	4.460	-5.206	17.825	2.902	8.922	55.314	19.345	3.1497	5.77253	0.00082	41.5824	99.873
0.1714	617	41.5824	22.916	37.00	41.250	182.833	4.465	-5.206	17.829	2.903	8.922	55.284	19.356	3.1514	5.77028	0.00082	41.5832	99.981
0.1717	618	41.5832	22.917	37.00	41.250	183.035	4.470	-5.206	17.832	2.903	8.921	55.254	19.366	3.1531	5.76804	0.00082	41.5841	100.090
0.1719	619	41.5841	22.917	37.00	41.250	183.237	4.475	-5.206	17.835	2.904	8.921	55.224	19.377	3.1548	5.76580	0.00082	41.5849	100.198
0.1722	620	41.5849	22.918	37.00	41.250	183.439	4.480	-5.206	17.838	2.904	8.920	55.194	19.388	3.1566	5.76356	0.00082	41.5857	100.307
0.1725	621	41.5857	22.919	37.00	41.250	183.641	4.485	-5.206	17.841	2.905	8.920	55.164	19.398	3.1583	5.76132	0.00082	41.5865	100.415
0.1728	622	41.5865	22.920	37.00	41.250	183.843	4.490	-5.206	17.845	2.905	8.919	55.134	19.409	3.1600	5.75908	0.00082	41.5873	100.523
0.1731	623	41.5873	22.921	37.00	41.250	184.045	4.495	-5.206	17.848	2.906	8.919	55.104	19.419	3.1617	5.75684	0.00082	41.5882	100.631
0.1733	624	41.5882	22.922	37.00	41.250	184.247	4.500	-5.206	17.851	2.906	8.918	55.074	19.430	3.1634	5.75461	0.00082	41.5890	100.740
0.1736	625	41.5890	22.922	37.00	41.250	184.449	4.505	-5.206	17.854	2.907	8.918	55.044	19.440	3.1651	5.75237	0.00082	41.5898	100.848
0.1739	626	41.5898	22.923	37.00	41.250	184.651	4.510	-5.206	17.857	2.907	8.917	55.014	19.451	3.1669	5.75013	0.00082	41.5906	100.956
0.1742	627	41.5906	22.924	37.00	41.250	184.853	4.514	-5.206	17.861	2.908	8.916	54.984	19.461	3.1686	5.74790	0.00082	41.5915	101.064
0.1744	628	41.5915	22.925	37.00	41.250	185.055	4.519	-5.206	17.864	2.908	8.916	54.955	19.472	3.1703	5.74567	0.00082	41.5923	101.172
0.1747	629	41.5923	22.926	37.00	41.250	185.257	4.524	-5.206	17.867	2.909	8.915	54.925	19.482	3.1720	5.74343	0.00082	41.5931	101.280
0.1750	630	41.5931	22.926	37.00	41.250	185.459	4.529	-5.206	17.870	2.910	8.915	54.895	19.493	3.1737	5.74120	0.00082	41.5939	101.388
0.1753	631	41.5939	22.927	37.00	41.250	185.661	4.534	-5.206	17.873	2.910	8.914	54.866	19.503	3.1754	5.73897	0.00082	41.5947	101.496
0.1756	632	41.5947	22.928	37.00	41.250	185.863	4.539	-5.206	17.877	2.911	8.914	54.836	19.514	3.1771	5.73674	0.00082	41.5956	101.604
0.1758	633	41.5956	22.929	37.00	41.250	186.065	4.544	-5.206	17.880	2.911	8.913	54.807	19.524	3.1788	5.73451	0.00082	41.5964	101.711
0.1761	634	41.5964	22.930	37.00	41.250	186.267	4.549	-5.206	17.883	2.912	8.913	54.777	19.535	3.1806	5.73228	0.00082	41.5972	101.819
0.1764	635	41.5972	22.931	37.00	41.250	186.469	4.554	-5.206	17.886	2.912	8.912	54.748	19.545	3.1823	5.73006	0.00082	41.5980	101.927
0.1767	636	41.5980	22.931	37.00	41.250	186.671	4.559	-5.206	17.889	2.913	8.912	54.718	19.556	3.1840	5.72783	0.00082	41.5988	102.035
0.1769	637	41.5988	22.932	37.00	41.250	186.873	4.564	-5.206	17.893	2.913	8.911	54.689	19.566	3.1857	5.72560	0.00082	41.5996	102.142
0.1772	638	41.5996	22.933	37.00	41.250	187.075	4.569	-5.206	17.896	2.914	8.911	54.660	19.577	3.1874	5.72338	0.00082	41.6005	102.250
0.1775	639	41.6005	22.934	37.00	41.250	187.277	4.574	-5.206	17.899	2.914	8.910	54.631	19.587	3.1891	5.72115	0.00082	41.6013	102.358
0.1778	640	41.6013	22.935	37.00	41.250	187.480	4.579	-5.206	17.902	2.915	8.910	54.601	19.598	3.1908	5.71893	0.00082	41.6021	102.465
0.1781	641	41.6021	22.935	37.00	41.250	187.682	4.584	-5.206	17.905	2.915	8.909	54.572	19.608	3.1925	5.71671	0.00082	41.6029	102.573
0.1783	642	41.6029	22.936	37.00	41.250	187.884	4.588	-5.206	17.908	2.916	8.909	54.543	19.619	3.1942	5.71449	0.00082	41.6037	102.680
0.1786	643	41.6037	22.937	37.00	41.250	188.086	4.593	-5.206	17.912	2.916	8.908	54.514	19.629	3.1959	5.71227	0.00082	41.6046	102.787
0.1789	644	41.6046	22.938	37.00	41.250	188.288	4.598	-5.206	17.915	2.917	8.908	54.485	19.640	3.1976	5.71005	0.00082	41.6054	102.895
0.1792	645	41.6054	22.939	37.00	41.250	188.490	4.603	-5.206	17.918	2.917	8.907	54.456	19.650	3.1993	5.70783	0.00082	41.6062	103.002
0.1794	646	41.6062	22.940	37.00	41.250	188.692	4.608	-5.206	17.921	2.918	8.907	54.427	19.661	3.2010	5.70561	0.00082	41.6070	103.109
0.1797	647	41.6070	22.940	37.00	41.250	188.894	4.613	-5.206	17.924	2.918	8.906	54.398	19.671	3.2027	5.70339	0.00081	41.6078	103.217
0.1800	648	41.6078	22.941	37.00	41.250	189.096	4.618	-5.206	17.927	2.919	8.906	54.369	19.682	3.2044	5.70118	0.00081	41.6086	103.324
0.1803	649	41.6086	22.942	37.00	41.250	189.298	4.623	-5.206	17.931	2.919	8.905	54.341	19.692	3.2061	5.69896	0.00081	41.6094	103.431
0.1806	650	41.6094	22.943	37.00	41.250	189.500	4.628	-5.206	17.934	2.920	8.905	54.312	19.702	3.2078	5.69675	0.00081	41.6103	103.538
0.1808	651	41.6103	22.944	37.00	41.250	189.702	4.633	-5.206	17.937	2.920	8.904	54.283	19.713	3.2095	5.69453	0.00081	41.6111	103.645
0.1811	652	41.6111	22.944	37.00	41.250	189.904	4.638	-5.206	17.940	2.921	8.904	54.254	19.723	3.2112	5.69232	0.00081	41.6119	103.752
0.1814	653	41.6119	22.945	37.00	41.250	190.106	4.643	-5.206	17.943	2.921	8.903	54.226	19.734	3.2129	5.69011	0.00081	41.6127	103.859
0.1817	654	41.6127	22.946	37.00	41.250	190.308	4.648	-5.206	17.946	2.922	8.903	54.197	19.744	3.2146	5.68790	0.00081	41.6135	103.966
0.1819	655	41.6135	22.947	37.00	41.250	190.510	4.653	-5.206	17.950	2.922	8.902	54.169	19.755	3.2163	5.68569	0.00081	41.6143	104.073
0.1822	656	41.6143	22.948	37.00	41.250	190.712	4.658	-5.206	17.953	2.923	8.901	54.140	19.765	3.2180	5.68348	0.00081	41.6151	104.180
0.1825	657	41.6151	22.949	37.00	41.250	190.914	4.663	-5.206	17.956	2.923	8.901	54.112	19.775	3.2197	5.68127	0.00081	41.6159	104.287
0.1828	658	41.6159	22.949	37.00	41.250	191.116	4.667	-5.206	17.959	2.924	8.900	54.083	19.786	3.2214	5.67906	0.00081	41.6168	104.393
0.1831	659	41.6168	22.950	37.00	41.250	191.318	4.672	-5.206	17.962	2.924	8.900	54.055	19.796	3.2231	5.67686	0.00081	41.6176	104.500
0.1833	660	41.6176	22.951	37.00	41.250	191.520	4.677	-5.206	17.965	2.925	8.899	54.026	19.807	3.2248	5.67465	0.00081	41.6184	104.607
0.1836	661	41.6184	22.952	37.00	41.250	191.722	4.682	-5.206	17.969	2.926	8.899	53.998	19.817	3.2265	5.67245	0.00081	41.6192	104.713
0.1839	662	41.6192	22.953	37.00	41.250	191.924	4.687	-5.206	17.972	2.926	8.898	53.970	19.827	3.2281	5.67024	0.00081	41.6200	104.820
0.1842	663	41.6200	22.953	37.00	41.250	192.126	4.692	-5.206	17.975	2.927	8.898	53.941	19.838	3.2298	5.66804	0.00081	41.6208	104.927
0.1844	664	41.6208	22.954	37.00	41.250	192.328	4.697	-5.206	17.978	2.927	8.897	53.913	19.848	3.2315	5.66584	0.00081	41.6216	105.033
0.1847	665	41.6216	22.955	37.00	41.250	192.530	4.702	-5.206	17.981	2.928	8.897	53.885	19.858	3.2332	5.66363	0.00081	41.6224	105.140
0.1850	666	41.6224	22.956	37.00	41.250	192.732	4.707	-5.206	17.984	2.928	8.896	53.857	19.869	3.2349	5.66143	0.00081	41.6232	105.246
0.1853	667	41.6232	22.957	37.00	41.250	192.934	4.712	-5.206	17.987	2.929	8.896	53.829	19.879	3.2366	5.65923	0.00081	41.6240	105.352
0.1856	668	41.6240	22.957	37.00	41.250	193.136	4.717	-5.206	17.991	2.929	8.895	53.801	19.890	3.2383	5.65703	0.00081	41.6248	105.459
0.1858	669	41.6248	22.958	37.00	41.250	193.338	4.722	-5.206	17.994	2.930	8.895	53.773	19.900	3.2400	5.65484	0.00081	41.6257	105.565
0.1861	670	41.6257	22.959	37.00	41.250	193.540	4.727	-5.206	17.997	2.930	8.894	53.745	19.910	3.2417	5.65264	0.00081	41.6265	105.671
0.1864	671	41.6265	22.960	37.00	41.250	193.742	4.732	-5.206	18.000	2.931	8.894	53.717	19.921	3.2433	5.65044	0.00081	41.6273	105.778
0.1867	672	41.6273	22.961	37.00	41.250	193.944	4.737	-5.206	18.003	2.931	8.893	53.689	19.931	3.2450	5.64825	0.00081	41.6281	105.884
0.1869	673	41.6281	22.961	37.00	41.250	194.147	4.741	-5.206	18.006	2.932	8.893	53.661	19.941	3.2467	5.64605	0.00081	41.6289	105.990
0.1872	674	41.6289	22.962	37.00	41.250	194.349	4.746	-5.206	18.009	2.932	8.892	53.633	19.952	3.2484	5.64386	0.00081	41.6297	106.096
0.1875	675	41.6297	22.963	37.00	41.250	194.551	4.751	-5.206	18.013	2.933	8.892	53.606	19.962	3.2501	5.64166	0.00081	41.6305	106.202
0.1878	676	41.6305	22.964	37.00	41.250	194.753	4.756	-5.206	18.016	2.933	8.891	53.578	19.972	3.2518	5.63947	0.00081	41.6313	106.308
0.1881	677	41.6313	22.965	37.00	41.250	194.955	4.761	-5.206	18.019	2.934	8.891	53.550	19.983	3.2534	5.63728	0.00081	41.6321	106.414
0.1883	678	41.6321	22.965	37.00	41.250	195.157	4.766	-5.206	18.022	2.934	8.890	53.523	19.993	3.2551	5.63509	0.00081	41.6329	106.520
0.1886	679	41.6329	22.966	37.00	41.250	195.359	4.771	-5.206	18.025	2.935	8.890	53.495	20.003	3.2568	5.63290	0.00080	41.6337	106.626
0.1889	680	41.6337	22.967	37.00	41.250	195.561	4.776	-5.206	18.028	2.935	8.889	53.467	20.014	3.2585	5.63071	0.00080	41.6345	106.732
0.1892	681	41.6345	22.968	37.00	41.250	195.763	4.781	-5.206	18.031	2.936	8.889	53.440	20.024	3.2602	5.62852	0.00080	41.6353	106.838
0.1894	682	41.6353	22.969	37.00	41.250	195.965	4.786	-5.206	18.035	2.936	8.888	53.412	20.034	3.2618	5.62634	0.00080	41.6361	106.944
0.1897	683	41.6361	22.970	37.00	41.250	196.167	4.791	-5.206	18.038	2.937	8.888	53.385	20.044	3.2635	5.62415	0.00080	41.6369	107.049
0.1900	684	41.6369	22.970	37.00	41.250	196.369	4.796	-5.206	18.041	2.937	8.887	53.358	20.055	3.2652	5.62197	0.00080	41.6377	107.155
0.1903	685	41.6377	22.971	37.00	41.250	196.571	4.801	-5.206	18.044	2.938	8.887	53.330	20.065	3.2669	5.61978	0.00080	41.6385	107.261
0.1906	686	41.6385	22.972	37.00	41.250	196.773	4.806	-5.206	18.047	2.938	8.886	53.303	20.075	3.2685	5.61760	0.00080	41.6393	107.366
0.1908	687	41.6393	22.973	37.00	41.250	196.975	4.811	-5.206	18.050	2.939	8.886	53.276	20.086	3.2702	5.61541	0.00080	41.6401	107.472
0.1911	688	41.6401	22.974	37.00	41.250	197.177	4.815	-5.206	18.053	2.939	8.885	53.248	20.096	3.2719	5.61323	0.00080	41.6409	107.577
0.1914	689	41.6409	22.974	37.00	41.250	197.379	4.820	-5.206	18.056	2.940	8.885	53.221	20.106	3.2736	5.61105	0.00080	41.6417	107.683
0.1917	690	41.6417	22.975	37.00	41.250	197.581	4.825	-5.206	18.060	2.940	8.884	53.194	20.116	3.2752	5.60887	0.00080	41.6425	107.788
0.1919	691	41.6425	22.976	37.00	41.250	197.783	4.830	-5.206	18.063	2.941	8.884	53.167	20.127	3.2769	5.60669	0.00080	41.6434	107.894
0.1922	692	41.6434	22.977	37.00	41.250	197.985	4.835	-5.206	18.066	2.941	8.883	53.140	20.137	3.2786	5.60451	0.00080	41.6442	107.999
0.1925	693	41.6442	22.978	37.00	41.250	198.187	4.840	-5.206	18.069	2.942	8.883	53.113	20.147	3.2802	5.60233	0.00080	41.6450	108.104
0.1928	694	41.6450	22.978	37.00	41.250	198.389	4.845	-5.206	18.072	2.942	8.882	53.086	20.158	3.2819	5.60016	0.00080	41.6458	108.210

0.1931	695	41.6458	22.979	37.00	41.250	198.591	4.850	-5.206	18.075	2.943	8.882	53.059	20.168	3.2836	5.59798	0.00080	41.6466	108.315
0.1933	696	41.6466	22.980	37.00	41.250	198.793	4.855	-5.206	18.078	2.943	8.881	53.032	20.178	3.2852	5.59581	0.00080	41.6474	108.420
0.1936	697	41.6474	22.981	37.00	41.250	198.995	4.860	-5.206	18.081	2.944	8.881	53.005	20.188	3.2869	5.59363	0.00080	41.6481	108.525
0.1939	698	41.6481	22.982	37.00	41.250	199.197	4.865	-5.206	18.084	2.944	8.880	52.978	20.198	3.2886	5.59146	0.00080	41.6489	108.631
0.1942	699	41.6489	22.982	37.00	41.250	199.399	4.870	-5.206	18.088	2.945	8.880	52.951	20.209	3.2903	5.58929	0.00080	41.6497	108.736
0.1944	700	41.6497	22.983	37.00	41.250	199.601	4.875	-5.206	18.091	2.945	8.879	52.924	20.219	3.2919	5.58711	0.00080	41.6505	108.841
0.1947	701	41.6505	22.984	37.00	41.250	199.803	4.880	-5.206	18.094	2.946	8.879	52.897	20.229	3.2936	5.58494	0.00080	41.6513	108.946
0.1950	702	41.6513	22.985	37.00	41.250	200.005	4.885	-5.206	18.097	2.946	8.878	52.871	20.239	3.2952	5.58277	0.00080	41.6521	109.051
0.1953	703	41.6521	22.986	37.00	41.250	200.207	4.889	-5.206	18.100	2.947	8.878	52.844	20.250	3.2969	5.58060	0.00080	41.6529	109.156
0.1956	704	41.6529	22.986	37.00	41.250	200.409	4.894	-5.206	18.103	2.947	8.877	52.817	20.260	3.2986	5.57843	0.00080	41.6537	109.260
0.1958	705	41.6537	22.987	37.00	41.250	200.611	4.899	-5.206	18.106	2.948	8.877	52.791	20.270	3.3002	5.57627	0.00080	41.6545	109.365
0.1961	706	41.6545	22.988	37.00	41.250	200.813	4.904	-5.206	18.109	2.948	8.876	52.764	20.280	3.3019	5.57410	0.00080	41.6553	109.470
0.1964	707	41.6553	22.989	37.00	41.250	201.016	4.909	-5.206	18.112	2.949	8.875	52.738	20.290	3.3036	5.57193	0.00080	41.6561	109.575
0.1967	708	41.6561	22.990	37.00	41.250	201.218	4.914	-5.206	18.115	2.949	8.875	52.711	20.301	3.3052	5.56977	0.00080	41.6569	109.680
0.1969	709	41.6569	22.990	37.00	41.250	201.420	4.919	-5.206	18.119	2.950	8.874	52.685	20.311	3.3069	5.56760	0.00080	41.6577	109.784
0.1972	710	41.6577	22.991	37.00	41.250	201.622	4.924	-5.206	18.122	2.950	8.874	52.658	20.321	3.3085	5.56544	0.00080	41.6585	109.889
0.1975	711	41.6585	22.992	37.00	41.250	201.824	4.929	-5.206	18.125	2.951	8.873	52.632	20.331	3.3102	5.56328	0.00079	41.6593	109.993
0.1978	712	41.6593	22.993	37.00	41.250	202.026	4.934	-5.206	18.128	2.951	8.873	52.606	20.341	3.3119	5.56112	0.00079	41.6601	110.098
0.1981	713	41.6601	22.993	37.00	41.250	202.228	4.939	-5.206	18.131	2.952	8.872	52.579	20.352	3.3135	5.55896	0.00079	41.6609	110.203
0.1983	714	41.6609	22.994	37.00	41.250	202.430	4.944	-5.206	18.134	2.952	8.872	52.553	20.362	3.3152	5.55680	0.00079	41.6617	110.307
0.1986	715	41.6617	22.995	37.00	41.250	202.632	4.949	-5.206	18.137	2.953	8.871	52.527	20.372	3.3168	5.55464	0.00079	41.6625	110.411
0.1989	716	41.6625	22.996	37.00	41.250	202.834	4.954	-5.206	18.140	2.953	8.871	52.500	20.382	3.3185	5.55248	0.00079	41.6633	110.516
0.1992	717	41.6633	22.997	37.00	41.250	203.036	4.959	-5.206	18.143	2.954	8.870	52.474	20.392	3.3201	5.55032	0.00079	41.6641	110.620
0.1994	718	41.6641	22.997	37.00	41.250	203.238	4.963	-5.206	18.146	2.954	8.870	52.448	20.402	3.3218	5.54816	0.00079	41.6649	110.725
0.1997	719	41.6649	22.998	37.00	41.250	203.440	4.968	-5.206	18.149	2.955	8.869	52.422	20.413	3.3234	5.54601	0.00079	41.6657	110.829
0.2000	720	41.6657	22.999	37.00	41.250	203.642	4.973	-5.206	18.153	2.955	8.869	52.396	20.423	3.3251	5.54385	0.00079	41.6664	110.933
0.2003	721	41.6664	23.000	37.00	41.250	203.844	4.978	-5.206	18.156	2.956	8.868	52.370	20.433	3.3268	5.54170	0.00079	41.6672	111.037
0.2006	722	41.6672	23.001	37.00	41.250	204.046	4.983	-5.206	18.159	2.956	8.868	52.344	20.443	3.3284	5.53955	0.00079	41.6680	111.141
0.2008	723	41.6680	23.001	37.00	41.250	204.248	4.988	-5.206	18.162	2.957	8.867	52.318	20.453	3.3301	5.53739	0.00079	41.6688	111.245
0.2011	724	41.6688	23.002	37.00	41.250	204.450	4.993	-5.206	18.165	2.957	8.867	52.292	20.463	3.3317	5.53524	0.00079	41.6696	111.350
0.2014	725	41.6696	23.003	37.00	41.250	204.652	4.998	-5.206	18.168	2.958	8.866	52.266	20.473	3.3334	5.53309	0.00079	41.6704	111.454
0.2017	726	41.6704	23.004	37.00	41.250	204.854	5.003	-5.206	18.171	2.958	8.866	52.240	20.484	3.3350	5.53094	0.00079	41.6712	111.558
0.2019	727	41.6712	23.005	37.00	41.250	205.056	5.008	-5.206	18.174	2.959	8.865	52.215	20.494	3.3367	5.52879	0.00079	41.6720	111.662
0.2022	728	41.6720	23.005	37.00	41.250	205.258	5.013	-5.206	18.177	2.959	8.865	52.189	20.504	3.3383	5.52664	0.00079	41.6728	111.765
0.2025	729	41.6728	23.006	37.00	41.250	205.460	5.018	-5.206	18.180	2.960	8.864	52.163	20.514	3.3400	5.52450	0.00079	41.6736	111.869
0.2028	730	41.6736	23.007	37.00	41.250	205.662	5.023	-5.206	18.183	2.960	8.864	52.137	20.524	3.3416	5.52235	0.00079	41.6743	111.973
0.2031	731	41.6743	23.008	37.00	41.250	205.864	5.028	-5.206	18.186	2.961	8.863	52.112	20.534	3.3432	5.52020	0.00079	41.6751	112.077
0.2033	732	41.6751	23.009	37.00	41.250	206.066	5.033	-5.206	18.189	2.961	8.863	52.086	20.544	3.3449	5.51806	0.00079	41.6759	112.181
0.2036	733	41.6759	23.009	37.00	41.250	206.268	5.037	-5.206	18.192	2.962	8.862	52.060	20.554	3.3465	5.51591	0.00079	41.6767	112.284
0.2039	734	41.6767	23.010	37.00	41.250	206.470	5.042	-5.206	18.196	2.962	8.862	52.035	20.565	3.3482	5.51377	0.00079	41.6775	112.388
0.2042	735	41.6775	23.011	37.00	41.250	206.672	5.047	-5.206	18.199	2.963	8.861	52.009	20.575	3.3498	5.51163	0.00079	41.6783	112.492
0.2044	736	41.6783	23.012	37.00	41.250	206.874	5.052	-5.206	18.202	2.963	8.861	51.984	20.585	3.3515	5.50949	0.00079	41.6791	112.595
0.2047	737	41.6791	23.012	37.00	41.250	207.076	5.057	-5.206	18.205	2.964	8.860	51.958	20.595	3.3531	5.50734	0.00079	41.6799	112.699
0.2050	738	41.6799	23.013	37.00	41.250	207.278	5.062	-5.206	18.208	2.964	8.860	51.933	20.605	3.3548	5.50520	0.00079	41.6806	112.802
0.2053	739	41.6806	23.014	37.00	41.250	207.480	5.067	-5.206	18.211	2.965	8.859	51.908	20.615	3.3564	5.50307	0.00079	41.6814	112.906
0.2056	740	41.6814	23.015	37.00	41.250	207.683	5.072	-5.206	18.214	2.965	8.859	51.882	20.625	3.3580	5.50093	0.00079	41.6822	113.009
0.2058	741	41.6822	23.016	37.00	41.250	207.885	5.077	-5.206	18.217	2.966	8.858	51.857	20.635	3.3597	5.49879	0.00079	41.6830	113.113
0.2061	742	41.6830	23.016	37.00	41.250	208.087	5.082	-5.206	18.220	2.966	8.858	51.832	20.645	3.3613	5.49665	0.00079	41.6838	113.216
0.2064	743	41.6838	23.017	37.00	41.250	208.289	5.087	-5.206	18.223	2.967	8.857	51.806	20.655	3.3629	5.49452	0.00078	41.6846	113.319
0.2067	744	41.6846	23.018	37.00	41.250	208.491	5.092	-5.206	18.226	2.967	8.857	51.781	20.665	3.3646	5.49238	0.00078	41.6854	113.423
0.2069	745	41.6854	23.019	37.00	41.250	208.693	5.097	-5.206	18.229	2.968	8.856	51.756	20.675	3.3662	5.49025	0.00078	41.6861	113.526
0.2072	746	41.6861	23.020	37.00	41.250	208.895	5.102	-5.206	18.232	2.968	8.856	51.731	20.685	3.3679	5.48811	0.00078	41.6869	113.629
0.2075	747	41.6869	23.020	37.00	41.250	209.097	5.107	-5.206	18.235	2.969	8.855	51.706	20.695	3.3695	5.48598	0.00078	41.6877	113.732
0.2078	748	41.6877	23.021	37.00	41.250	209.299	5.111	-5.206	18.238	2.969	8.855	51.681	20.705	3.3711	5.48385	0.00078	41.6885	113.835
0.2081	749	41.6885	23.022	37.00	41.250	209.501	5.116	-5.206	18.241	2.970	8.854	51.656	20.716	3.3728	5.48172	0.00078	41.6893	113.938
0.2083	750	41.6893	23.023	37.00	41.250	209.703	5.121	-5.206	18.244	2.970	8.854	51.631	20.726	3.3744	5.47959	0.00078	41.6901	114.041
0.2086	751	41.6901	23.023	37.00	41.250	209.905	5.126	-5.206	18.247	2.971	8.853	51.606	20.736	3.3760	5.47746	0.00078	41.6908	114.144
0.2089	752	41.6908	23.024	37.00	41.250	210.107	5.131	-5.206	18.251	2.971	8.853	51.581	20.746	3.3777	5.47533	0.00078	41.6916	114.247
0.2092	753	41.6916	23.025	37.00	41.250	210.309	5.136	-5.206	18.254	2.972	8.853	51.556	20.756	3.3793	5.47320	0.00078	41.6924	114.350
0.2094	754	41.6924	23.026	37.00	41.250	210.511	5.141	-5.206	18.257	2.972	8.852	51.531	20.766	3.3809	5.47108	0.00078	41.6932	114.453
0.2097	755	41.6932	23.027	37.00	41.250	210.713	5.146	-5.206	18.260	2.973	8.852	51.506	20.776	3.3826	5.46895	0.00078	41.6940	114.556
0.2100	756	41.6940	23.027	37.00	41.250	210.915	5.151	-5.206	18.263	2.973	8.851	51.481	20.786	3.3842	5.46683	0.00078	41.6948	114.659
0.2103	757	41.6948	23.028	37.00	41.250	211.117	5.156	-5.206	18.266	2.974	8.851	51.456	20.796	3.3858	5.46470	0.00078	41.6955	114.761
0.2106	758	41.6955	23.029	37.00	41.250	211.319	5.161	-5.206	18.269	2.974	8.850	51.432	20.806	3.3875	5.46258	0.00078	41.6963	114.864
0.2108	759	41.6963	23.030	37.00	41.250	211.521	5.166	-5.206	18.272	2.975	8.850	51.407	20.816	3.3891	5.46046	0.00078	41.6971	114.967
0.2111	760	41.6971	23.030	37.00	41.250	211.723	5.171	-5.206	18.275	2.975	8.849	51.382	20.826	3.3907	5.45833	0.00078	41.6979	115.069
0.2114	761	41.6979	23.031	37.00	41.250	211.925	5.176	-5.206	18.278	2.976	8.849	51.358	20.836	3.3923	5.45621	0.00078	41.6987	115.172
0.2117	762	41.6987	23.032	37.00	41.250	212.127	5.181	-5.206	18.281	2.976	8.848	51.333	20.846	3.3940	5.45409	0.00078	41.6994	115.274
0.2119	763	41.6994	23.033	37.00	41.250	212.329	5.186	-5.206	18.284	2.977	8.848	51.308	20.856	3.3956	5.45197	0.00078	41.7002	115.377
0.2122	764	41.7002	23.034	37.00	41.250	212.531	5.190	-5.206	18.287	2.977	8.847	51.284	20.866	3.3972	5.44986	0.00078	41.7010	115.479
0.2125	765	41.7010	23.034	37.00	41.250	212.733	5.195	-5.206	18.290	2.978	8.847	51.259	20.876	3.3988	5.44774	0.00078	41.7018	115.582
0.2128	766	41.7018	23.035	37.00	41.250	212.935	5.200	-5.206	18.293	2.978	8.846	51.235	20.886	3.4005	5.44562	0.00078	41.7025	115.684
0.2131	767	41.7025	23.036	37.00	41.250	213.137	5.205	-5.206	18.296	2.979	8.846	51.210	20.896	3.4021	5.44350	0.00078	41.7033	115.787
0.2133	768	41.7033	23.037	37.00	41.250	213.339	5.210	-5.206	18.299	2.979	8.845	51.186	20.906	3.4037	5.44139	0.00078	41.7041	115.889
0.2136	769	41.7041	23.037	37.00	41.250	213.541	5.215	-5.206	18.302	2.980	8.845	51.162	20.916	3.4053	5.43927	0.00078	41.7049	115.991
0.2139	770	41.7049	23.038	37.00	41.250	213.743	5.220	-5.206	18.305	2.980	8.844	51.137	20.925	3.4069	5.43716	0.00078	41.7057	116.093
0.2142	771	41.7057	23.039	37.00	41.250	213.945	5.225	-5.206	18.308	2.981	8.844	51.113	20.935	3.4086	5.43505	0.00078	41.7064	116.196
0.2144	772	41.7064	23.040	37.00	41.250	214.147	5.230	-5.206	18.311	2.981	8.843	51.089	20.945	3.4102	5.43294	0.00078	41.7072	116.298
0.2147	773	41.7072	23.041	37.00	41.250	214.349	5.235	-5.206	18.314	2.982	8.843	51.064	20.955	3.4118	5.43083	0.00078	41.7080	116.400
0.2150	774	41.7080	23.041	37.00	41.250	214.552	5.240	-5.206	18.317	2.982	8.842	51.040	20.965	3.4134	5.42872	0.00078	41.7088	116.502
0.2153	775	41.7088	23.042	37.00	41.250	214.754	5.245	-5.206	18.320	2.983	8.842	51.016	20.975	3.4150	5.42661	0.00078	41.7095	116.604

0.2156	776	41.7095	23.043	37.00	41.250	214.956	5.250	-5.206	18.323	2.983	8.841	50.992	20.985	3.4167	5.42450	0.00077	41.7103	116.706
0.2158	777	41.7103	23.044	37.00	41.250	215.158	5.255	-5.206	18.326	2.984	8.841	50.968	20.995	3.4183	5.42239	0.00077	41.7111	116.808
0.2161	778	41.7111	23.044	37.00	41.250	215.360	5.260	-5.206	18.329	2.984	8.840	50.944	21.005	3.4199	5.42028	0.00077	41.7119	116.910
0.2164	779	41.7119	23.045	37.00	41.250	215.562	5.264	-5.206	18.332	2.985	8.840	50.920	21.015	3.4215	5.41818	0.00077	41.7126	117.012
0.2167	780	41.7126	23.046	37.00	41.250	215.764	5.269	-5.206	18.335	2.985	8.839	50.896	21.025	3.4231	5.41607	0.00077	41.7134	117.113
0.2169	781	41.7134	23.047	37.00	41.250	215.966	5.274	-5.206	18.338	2.986	8.839	50.872	21.035	3.4247	5.41397	0.00077	41.7142	117.215
0.2172	782	41.7142	23.048	37.00	41.250	216.168	5.279	-5.206	18.341	2.986	8.838	50.848	21.045	3.4264	5.41186	0.00077	41.7149	117.317
0.2175	783	41.7149	23.048	37.00	41.250	216.370	5.284	-5.206	18.344	2.987	8.838	50.824	21.055	3.4280	5.40976	0.00077	41.7157	117.419
0.2178	784	41.7157	23.049	37.00	41.250	216.572	5.289	-5.206	18.347	2.987	8.837	50.800	21.064	3.4296	5.40766	0.00077	41.7165	117.520
0.2181	785	41.7165	23.050	37.00	41.250	216.774	5.294	-5.206	18.350	2.988	8.837	50.776	21.074	3.4312	5.40556	0.00077	41.7173	117.622
0.2183	786	41.7173	23.051	37.00	41.250	216.976	5.299	-5.206	18.353	2.988	8.836	50.752	21.084	3.4328	5.40346	0.00077	41.7180	117.724
0.2186	787	41.7180	23.051	37.00	41.250	217.178	5.304	-5.206	18.356	2.989	8.836	50.728	21.094	3.4344	5.40136	0.00077	41.7188	117.825
0.2189	788	41.7188	23.052	37.00	41.250	217.380	5.309	-5.206	18.359	2.989	8.835	50.705	21.104	3.4360	5.39926	0.00077	41.7196	117.927
0.2192	789	41.7196	23.053	37.00	41.250	217.582	5.314	-5.206	18.362	2.990	8.835	50.681	21.114	3.4376	5.39716	0.00077	41.7204	118.028
0.2194	790	41.7204	23.054	37.00	41.250	217.784	5.319	-5.206	18.365	2.990	8.834	50.657	21.124	3.4392	5.39506	0.00077	41.7211	118.130
0.2197	791	41.7211	23.055	37.00	41.250	217.986	5.324	-5.206	18.368	2.991	8.834	50.633	21.134	3.4409	5.39297	0.00077	41.7219	118.231
0.2200	792	41.7219	23.055	37.00	41.250	218.188	5.329	-5.206	18.371	2.991	8.833	50.610	21.144	3.4425	5.39087	0.00077	41.7227	118.332
0.2203	793	41.7227	23.056	37.00	41.250	218.390	5.334	-5.206	18.374	2.992	8.833	50.586	21.153	3.4441	5.38877	0.00077	41.7234	118.434
0.2206	794	41.7234	23.057	37.00	41.250	218.592	5.338	-5.206	18.377	2.992	8.832	50.563	21.163	3.4457	5.38668	0.00077	41.7242	118.535
0.2208	795	41.7242	23.058	37.00	41.250	218.794	5.343	-5.206	18.380	2.993	8.832	50.539	21.173	3.4473	5.38459	0.00077	41.7250	118.636
0.2211	796	41.7250	23.058	37.00	41.250	218.996	5.348	-5.206	18.383	2.993	8.831	50.516	21.183	3.4489	5.38250	0.00077	41.7257	118.737
0.2214	797	41.7257	23.059	37.00	41.250	219.198	5.353	-5.206	18.386	2.994	8.831	50.492	21.193	3.4505	5.38040	0.00077	41.7265	118.839
0.2217	798	41.7265	23.060	37.00	41.250	219.400	5.358	-5.206	18.389	2.994	8.830	50.469	21.203	3.4521	5.37831	0.00077	41.7273	118.940
0.2219	799	41.7273	23.061	37.00	41.250	219.602	5.363	-5.206	18.392	2.995	8.830	50.445	21.213	3.4537	5.37622	0.00077	41.7280	119.041
0.2222	800	41.7280	23.061	37.00	41.250	219.804	5.368	-5.206	18.395	2.995	8.829	50.422	21.222	3.4553	5.37413	0.00077	41.7288	119.142
0.2225	801	41.7288	23.062	37.00	41.250	220.006	5.373	-5.206	18.398	2.995	8.829	50.398	21.232	3.4569	5.37205	0.00077	41.7296	119.243
0.2228	802	41.7296	23.063	37.00	41.250	220.208	5.378	-5.206	18.401	2.996	8.828	50.375	21.242	3.4585	5.36996	0.00077	41.7303	119.344
0.2231	803	41.7303	23.064	37.00	41.250	220.410	5.383	-5.206	18.404	2.996	8.828	50.352	21.252	3.4601	5.36787	0.00077	41.7311	119.445
0.2233	804	41.7311	23.065	37.00	41.250	220.612	5.388	-5.206	18.407	2.997	8.827	50.328	21.262	3.4617	5.36579	0.00077	41.7319	119.546
0.2236	805	41.7319	23.065	37.00	41.250	220.814	5.393	-5.206	18.410	2.997	8.827	50.305	21.272	3.4633	5.36370	0.00077	41.7326	119.646
0.2239	806	41.7326	23.066	37.00	41.250	221.016	5.398	-5.206	18.413	2.998	8.827	50.282	21.281	3.4649	5.36162	0.00077	41.7334	119.747
0.2242	807	41.7334	23.067	37.00	41.250	221.219	5.403	-5.206	18.416	2.998	8.826	50.259	21.291	3.4665	5.35953	0.00077	41.7342	119.848
0.2244	808	41.7342	23.068	37.00	41.250	221.421	5.408	-5.206	18.419	2.999	8.826	50.236	21.301	3.4681	5.35745	0.00077	41.7349	119.949
0.2247	809	41.7349	23.068	37.00	41.250	221.623	5.412	-5.206	18.422	2.999	8.825	50.213	21.311	3.4697	5.35537	0.00077	41.7357	120.049
0.2250	810	41.7357	23.069	37.00	41.250	221.825	5.417	-5.206	18.425	3.000	8.825	50.189	21.321	3.4713	5.35329	0.00076	41.7365	120.150
0.2253	811	41.7365	23.070	37.00	41.250	222.027	5.422	-5.206	18.428	3.000	8.824	50.166	21.330	3.4729	5.35121	0.00076	41.7372	120.251
0.2256	812	41.7372	23.071	37.00	41.250	222.229	5.427	-5.206	18.431	3.001	8.824	50.143	21.340	3.4745	5.34913	0.00076	41.7380	120.351
0.2258	813	41.7380	23.071	37.00	41.250	222.431	5.432	-5.206	18.434	3.001	8.823	50.120	21.350	3.4761	5.34705	0.00076	41.7388	120.452
0.2261	814	41.7388	23.072	37.00	41.250	222.633	5.437	-5.206	18.437	3.002	8.823	50.097	21.360	3.4777	5.34497	0.00076	41.7395	120.552
0.2264	815	41.7395	23.073	37.00	41.250	222.835	5.442	-5.206	18.440	3.002	8.822	50.074	21.370	3.4793	5.34290	0.00076	41.7403	120.653
0.2267	816	41.7403	23.074	37.00	41.250	223.037	5.447	-5.206	18.443	3.003	8.822	50.052	21.379	3.4809	5.34082	0.00076	41.7411	120.753
0.2269	817	41.7411	23.074	37.00	41.250	223.239	5.452	-5.206	18.446	3.003	8.821	50.029	21.389	3.4824	5.33874	0.00076	41.7418	120.854
0.2272	818	41.7418	23.075	37.00	41.250	223.441	5.457	-5.206	18.449	3.004	8.821	50.006	21.399	3.4840	5.33667	0.00076	41.7426	120.954
0.2275	819	41.7426	23.076	37.00	41.250	223.643	5.462	-5.206	18.452	3.004	8.820	49.983	21.409	3.4856	5.33460	0.00076	41.7433	121.054
0.2278	820	41.7433	23.077	37.00	41.250	223.845	5.467	-5.206	18.455	3.005	8.820	49.960	21.418	3.4872	5.33252	0.00076	41.7441	121.154
0.2281	821	41.7441	23.077	37.00	41.250	224.047	5.472	-5.206	18.458	3.005	8.819	49.937	21.428	3.4888	5.33045	0.00076	41.7449	121.255
0.2283	822	41.7449	23.078	37.00	41.250	224.249	5.477	-5.206	18.461	3.006	8.819	49.915	21.438	3.4904	5.32838	0.00076	41.7456	121.355
0.2286	823	41.7456	23.079	37.00	41.250	224.451	5.482	-5.206	18.464	3.006	8.818	49.892	21.448	3.4920	5.32631	0.00076	41.7464	121.455
0.2289	824	41.7464	23.080	37.00	41.250	224.653	5.486	-5.206	18.467	3.007	8.818	49.869	21.458	3.4936	5.32424	0.00076	41.7472	121.555
0.2292	825	41.7472	23.081	37.00	41.250	224.855	5.491	-5.206	18.470	3.007	8.817	49.847	21.467	3.4952	5.32217	0.00076	41.7479	121.655
0.2294	826	41.7479	23.081	37.00	41.250	225.057	5.496	-5.206	18.473	3.008	8.817	49.824	21.477	3.4967	5.32010	0.00076	41.7487	121.755
0.2297	827	41.7487	23.082	37.00	41.250	225.259	5.501	-5.206	18.476	3.008	8.816	49.801	21.487	3.4983	5.31803	0.00076	41.7494	121.855
0.2300	828	41.7494	23.083	37.00	41.250	225.461	5.506	-5.206	18.478	3.009	8.816	49.779	21.496	3.4999	5.31597	0.00076	41.7502	121.955
0.2303	829	41.7502	23.084	37.00	41.250	225.663	5.511	-5.206	18.481	3.009	8.815	49.756	21.506	3.5015	5.31390	0.00076	41.7509	122.055
0.2306	830	41.7509	23.084	37.00	41.250	225.865	5.516	-5.206	18.484	3.010	8.815	49.734	21.516	3.5031	5.31184	0.00076	41.7517	122.155
0.2308	831	41.7517	23.085	37.00	41.250	226.067	5.521	-5.206	18.487	3.010	8.814	49.711	21.526	3.5047	5.30977	0.00076	41.7525	122.255
0.2311	832	41.7525	23.086	37.00	41.250	226.269	5.526	-5.206	18.490	3.010	8.814	49.689	21.535	3.5063	5.30771	0.00076	41.7532	122.355
0.2314	833	41.7532	23.087	37.00	41.250	226.471	5.531	-5.206	18.493	3.011	8.813	49.667	21.545	3.5078	5.30565	0.00076	41.7540	122.454
0.2317	834	41.7540	23.087	37.00	41.250	226.673	5.536	-5.206	18.496	3.011	8.813	49.644	21.555	3.5094	5.30359	0.00076	41.7547	122.554
0.2319	835	41.7547	23.088	37.00	41.250	226.875	5.541	-5.206	18.499	3.012	8.813	49.622	21.565	3.5110	5.30153	0.00076	41.7555	122.654
0.2322	836	41.7555	23.089	37.00	41.250	227.077	5.546	-5.206	18.502	3.012	8.812	49.600	21.574	3.5126	5.29947	0.00076	41.7563	122.753
0.2325	837	41.7563	23.090	37.00	41.250	227.279	5.551	-5.206	18.505	3.013	8.812	49.577	21.584	3.5142	5.29741	0.00076	41.7570	122.853
0.2328	838	41.7570	23.090	37.00	41.250	227.481	5.556	-5.206	18.508	3.013	8.811	49.555	21.594	3.5157	5.29535	0.00076	41.7578	122.952
0.2331	839	41.7578	23.091	37.00	41.250	227.683	5.560	-5.206	18.511	3.014	8.811	49.533	21.603	3.5173	5.29329	0.00076	41.7585	123.052
0.2333	840	41.7585	23.092	37.00	41.250	227.886	5.565	-5.206	18.514	3.014	8.810	49.511	21.613	3.5189	5.29123	0.00076	41.7593	123.151
0.2336	841	41.7593	23.093	37.00	41.250	228.088	5.570	-5.206	18.517	3.015	8.810	49.488	21.623	3.5205	5.28918	0.00076	41.7600	123.251
0.2339	842	41.7600	23.093	37.00	41.250	228.290	5.575	-5.206	18.520	3.015	8.809	49.466	21.632	3.5220	5.28712	0.00076	41.7608	123.350
0.2342	843	41.7608	23.094	37.00	41.250	228.492	5.580	-5.206	18.523	3.016	8.809	49.444	21.642	3.5236	5.28507	0.00076	41.7615	123.450
0.2344	844	41.7615	23.095	37.00	41.250	228.694	5.585	-5.206	18.526	3.016	8.808	49.422	21.652	3.5252	5.28301	0.00075	41.7623	123.549
0.2347	845	41.7623	23.096	37.00	41.250	228.896	5.590	-5.206	18.529	3.017	8.808	49.400	21.661	3.5268	5.28096	0.00075	41.7631	123.648
0.2350	846	41.7631	23.096	37.00	41.250	229.098	5.595	-5.206	18.531	3.017	8.807	49.378	21.671	3.5283	5.27891	0.00075	41.7638	123.748
0.2353	847	41.7638	23.097	37.00	41.250	229.300	5.600	-5.206	18.534	3.018	8.807	49.356	21.681	3.5299	5.27686	0.00075	41.7646	123.847
0.2356	848	41.7646	23.098	37.00	41.250	229.502	5.605	-5.206	18.537	3.018	8.806	49.334	21.690	3.5315	5.27481	0.00075	41.7653	123.946
0.2358	849	41.7653	23.099	37.00	41.250	229.704	5.610	-5.206	18.540	3.019	8.806	49.312	21.700	3.5331	5.27276	0.00075	41.7661	124.045
0.2361	850	41.7661	23.099	37.00	41.250	229.906	5.615	-5.206	18.543	3.019	8.805	49.290	21.710	3.5346	5.27071	0.00075	41.7668	124.144
0.2364	851	41.7668	23.100	37.00	41.250	230.108	5.620	-5.206	18.546	3.020	8.805	49.268	21.719	3.5362	5.26866	0.00075	41.7676	124.243
0.2367	852	41.7676	23.101	37.00	41.250	230.310	5.625	-5.206	18.549	3.020	8.804	49.246	21.729	3.5378	5.26661	0.00075	41.7683	124.342
0.2369	853	41.7683	23.102	37.00	41.250	230.512	5.630	-5.206	18.552	3.021	8.804	49.224	21.739	3.5393	5.26457	0.00075	41.7691	124.441
0.2372	854	41.7691	23.102	37.00	41.250	230.714	5.634	-5.206	18.555	3.021	8.803	49.203	21.748	3.5409	5.26252	0.00075	41.7698	124.540
0.2375	855	41.7698	23.103	37.00	41.250	230.916	5.639	-5.206	18.558	3.021	8.803	49.181	21.758	3.5425	5.26048	0.00075	41.7706	124.639
0.2378	856	41.7706	23.104	37.00	41.250	231.118	5.644	-5.206	18.561	3.022	8.802	49.159	21.768	3.5441	5.25843	0.00075	41.7713	124.738

0.2381	857	41.7713	23.105	37.00	41.250	231.320	5.649	-5.206	18.564	3.022	8.802	49.137	21.777	3.5456	5.25639	0.00075	41.7721	124.837
0.2383	858	41.7721	23.105	37.00	41.250	231.522	5.654	-5.206	18.567	3.023	8.802	49.116	21.787	3.5472	5.25435	0.00075	41.7728	124.936
0.2386	859	41.7728	23.106	37.00	41.250	231.724	5.659	-5.206	18.570	3.023	8.801	49.094	21.796	3.5488	5.25230	0.00075	41.7736	125.034
0.2389	860	41.7736	23.107	37.00	41.250	231.926	5.664	-5.206	18.572	3.024	8.801	49.072	21.806	3.5503	5.25026	0.00075	41.7743	125.133
0.2392	861	41.7743	23.108	37.00	41.250	232.128	5.669	-5.206	18.575	3.024	8.800	49.051	21.816	3.5519	5.24822	0.00075	41.7751	125.232
0.2394	862	41.7751	23.108	37.00	41.250	232.330	5.674	-5.206	18.578	3.025	8.800	49.029	21.825	3.5534	5.24618	0.00075	41.7758	125.330
0.2397	863	41.7758	23.109	37.00	41.250	232.532	5.679	-5.206	18.581	3.025	8.799	49.007	21.835	3.5550	5.24415	0.00075	41.7766	125.429
0.2400	864	41.7766	23.110	37.00	41.250	232.734	5.684	-5.206	18.584	3.026	8.799	48.986	21.844	3.5566	5.24211	0.00075	41.7773	125.527
0.2403	865	41.7773	23.111	37.00	41.250	232.936	5.689	-5.206	18.587	3.026	8.798	48.964	21.854	3.5581	5.24007	0.00075	41.7781	125.626
0.2406	866	41.7781	23.111	37.00	41.250	233.138	5.694	-5.206	18.590	3.027	8.798	48.943	21.864	3.5597	5.23803	0.00075	41.7788	125.725
0.2408	867	41.7788	23.112	37.00	41.250	233.340	5.699	-5.206	18.593	3.027	8.797	48.921	21.873	3.5613	5.23600	0.00075	41.7796	125.823
0.2411	868	41.7796	23.113	37.00	41.250	233.542	5.704	-5.206	18.596	3.028	8.797	48.900	21.883	3.5628	5.23396	0.00075	41.7803	125.921
0.2414	869	41.7803	23.114	37.00	41.250	233.744	5.709	-5.206	18.599	3.028	8.796	48.879	21.892	3.5644	5.23193	0.00075	41.7811	126.020
0.2417	870	41.7811	23.114	37.00	41.250	233.946	5.713	-5.206	18.602	3.029	8.796	48.857	21.902	3.5659	5.22990	0.00075	41.7818	126.118
0.2419	871	41.7818	23.115	37.00	41.250	234.148	5.718	-5.206	18.604	3.029	8.795	48.836	21.912	3.5675	5.22787	0.00075	41.7826	126.216
0.2422	872	41.7826	23.116	37.00	41.250	234.350	5.723	-5.206	18.607	3.030	8.795	48.815	21.921	3.5691	5.22583	0.00075	41.7833	126.315
0.2425	873	41.7833	23.117	37.00	41.250	234.552	5.728	-5.206	18.610	3.030	8.794	48.793	21.931	3.5706	5.22380	0.00075	41.7841	126.413
0.2428	874	41.7841	23.117	37.00	41.250	234.755	5.733	-5.206	18.613	3.030	8.794	48.772	21.940	3.5722	5.22177	0.00075	41.7848	126.511
0.2431	875	41.7848	23.118	37.00	41.250	234.957	5.738	-5.206	18.616	3.031	8.793	48.751	21.950	3.5737	5.21974	0.00075	41.7856	126.609
0.2433	876	41.7856	23.119	37.00	41.250	235.159	5.743	-5.206	18.619	3.031	8.793	48.730	21.959	3.5753	5.21772	0.00075	41.7863	126.707
0.2436	877	41.7863	23.120	37.00	41.250	235.361	5.748	-5.206	18.622	3.032	8.793	48.708	21.969	3.5768	5.21569	0.00075	41.7870	126.805
0.2439	878	41.7870	23.120	37.00	41.250	235.563	5.753	-5.206	18.625	3.032	8.792	48.687	21.979	3.5784	5.21366	0.00074	41.7878	126.903
0.2442	879	41.7878	23.121	37.00	41.250	235.765	5.758	-5.206	18.628	3.033	8.792	48.666	21.988	3.5800	5.21164	0.00074	41.7885	127.001
0.2444	880	41.7885	23.122	37.00	41.250	235.967	5.763	-5.206	18.631	3.033	8.791	48.645	21.998	3.5815	5.20961	0.00074	41.7893	127.099
0.2447	881	41.7893	23.123	37.00	41.250	236.169	5.768	-5.206	18.634	3.034	8.791	48.624	22.007	3.5831	5.20759	0.00074	41.7900	127.197
0.2450	882	41.7900	23.123	37.00	41.250	236.371	5.773	-5.206	18.636	3.034	8.790	48.603	22.017	3.5846	5.20556	0.00074	41.7908	127.295
0.2453	883	41.7908	23.124	37.00	41.250	236.573	5.778	-5.206	18.639	3.035	8.790	48.582	22.026	3.5862	5.20354	0.00074	41.7915	127.393
0.2456	884	41.7915	23.125	37.00	41.250	236.775	5.783	-5.206	18.642	3.035	8.789	48.561	22.036	3.5877	5.20152	0.00074	41.7923	127.491
0.2458	885	41.7923	23.126	37.00	41.250	236.977	5.787	-5.206	18.645	3.036	8.789	48.540	22.045	3.5893	5.19950	0.00074	41.7930	127.588
0.2461	886	41.7930	23.126	37.00	41.250	237.179	5.792	-5.206	18.648	3.036	8.788	48.519	22.055	3.5908	5.19748	0.00074	41.7937	127.686
0.2464	887	41.7937	23.127	37.00	41.250	237.381	5.797	-5.206	18.651	3.037	8.788	48.498	22.064	3.5924	5.19546	0.00074	41.7945	127.784
0.2467	888	41.7945	23.128	37.00	41.250	237.583	5.802	-5.206	18.654	3.037	8.787	48.477	22.074	3.5939	5.19344	0.00074	41.7952	127.881
0.2469	889	41.7952	23.129	37.00	41.250	237.785	5.807	-5.206	18.657	3.038	8.787	48.456	22.083	3.5955	5.19142	0.00074	41.7960	127.979
0.2472	890	41.7960	23.129	37.00	41.250	237.987	5.812	-5.206	18.660	3.038	8.786	48.435	22.093	3.5970	5.18940	0.00074	41.7967	128.077
0.2475	891	41.7967	23.130	37.00	41.250	238.189	5.817	-5.206	18.662	3.038	8.786	48.414	22.102	3.5986	5.18739	0.00074	41.7974	128.174
0.2478	892	41.7974	23.131	37.00	41.250	238.391	5.822	-5.206	18.665	3.039	8.785	48.394	22.112	3.6001	5.18537	0.00074	41.7982	128.272
0.2481	893	41.7982	23.132	37.00	41.250	238.593	5.827	-5.206	18.668	3.039	8.785	48.373	22.121	3.6016	5.18336	0.00074	41.7989	128.369
0.2483	894	41.7989	23.132	37.00	41.250	238.795	5.832	-5.206	18.671	3.040	8.785	48.352	22.131	3.6032	5.18134	0.00074	41.7997	128.467
0.2486	895	41.7997	23.133	37.00	41.250	238.997	5.837	-5.206	18.674	3.040	8.784	48.331	22.140	3.6047	5.17933	0.00074	41.8004	128.564
0.2489	896	41.8004	23.134	37.00	41.250	239.199	5.842	-5.206	18.677	3.041	8.784	48.311	22.150	3.6063	5.17732	0.00074	41.8011	128.661
0.2492	897	41.8011	23.135	37.00	41.250	239.401	5.847	-5.206	18.680	3.041	8.783	48.290	22.159	3.6078	5.17530	0.00074	41.8019	128.759
0.2494	898	41.8019	23.135	37.00	41.250	239.603	5.852	-5.206	18.683	3.042	8.783	48.269	22.169	3.6094	5.17329	0.00074	41.8026	128.856
0.2497	899	41.8026	23.136	37.00	41.250	239.805	5.857	-5.206	18.685	3.042	8.782	48.249	22.178	3.6109	5.17128	0.00074	41.8034	128.953
0.2500	900	41.8034	23.137	37.00	41.250	240.007	5.861	-5.206	18.688	3.043	8.782	48.228	22.188	3.6124	5.16927	0.00074	41.8041	129.050
0.2503	901	41.8041	23.137	37.00	41.250	240.209	5.866	-5.206	18.691	3.043	8.781	48.208	22.197	3.6140	5.16726	0.00074	41.8048	129.147
0.2506	902	41.8048	23.138	37.00	41.250	240.411	5.871	-5.206	18.694	3.044	8.781	48.187	22.207	3.6155	5.16526	0.00074	41.8056	129.245
0.2508	903	41.8056	23.139	37.00	41.250	240.613	5.876	-5.206	18.697	3.044	8.780	48.167	22.216	3.6171	5.16325	0.00074	41.8063	129.342
0.2511	904	41.8063	23.140	37.00	41.250	240.815	5.881	-5.206	18.700	3.045	8.780	48.146	22.226	3.6186	5.16124	0.00074	41.8071	129.439
0.2514	905	41.8071	23.140	37.00	41.250	241.017	5.886	-5.206	18.703	3.045	8.779	48.126	22.235	3.6201	5.15924	0.00074	41.8078	129.536
0.2517	906	41.8078	23.141	37.00	41.250	241.219	5.891	-5.206	18.706	3.046	8.779	48.105	22.244	3.6217	5.15723	0.00074	41.8085	129.633
0.2519	907	41.8085	23.142	37.00	41.250	241.422	5.896	-5.206	18.708	3.046	8.778	48.085	22.254	3.6232	5.15523	0.00074	41.8093	129.730
0.2522	908	41.8093	23.143	37.00	41.250	241.624	5.901	-5.206	18.711	3.046	8.778	48.064	22.263	3.6248	5.15323	0.00074	41.8100	129.826
0.2525	909	41.8100	23.143	37.00	41.250	241.826	5.906	-5.206	18.714	3.047	8.778	48.044	22.273	3.6263	5.15122	0.00074	41.8107	129.923
0.2528	910	41.8107	23.144	37.00	41.250	242.028	5.911	-5.206	18.717	3.047	8.777	48.024	22.282	3.6278	5.14922	0.00074	41.8115	130.020
0.2531	911	41.8115	23.145	37.00	41.250	242.230	5.916	-5.206	18.720	3.048	8.777	48.003	22.292	3.6294	5.14722	0.00074	41.8122	130.117
0.2533	912	41.8122	23.146	37.00	41.250	242.432	5.921	-5.206	18.723	3.048	8.776	47.983	22.301	3.6309	5.14522	0.00074	41.8129	130.214
0.2536	913	41.8129	23.146	37.00	41.250	242.634	5.926	-5.206	18.726	3.049	8.776	47.963	22.310	3.6324	5.14322	0.00073	41.8137	130.310
0.2539	914	41.8137	23.147	37.00	41.250	242.836	5.931	-5.206	18.728	3.049	8.775	47.943	22.320	3.6340	5.14122	0.00073	41.8144	130.407
0.2542	915	41.8144	23.148	37.00	41.250	243.038	5.935	-5.206	18.731	3.050	8.775	47.922	22.329	3.6355	5.13923	0.00073	41.8151	130.504
0.2544	916	41.8151	23.149	37.00	41.250	243.240	5.940	-5.206	18.734	3.050	8.774	47.902	22.339	3.6370	5.13723	0.00073	41.8159	130.600
0.2547	917	41.8159	23.149	37.00	41.250	243.442	5.945	-5.206	18.737	3.051	8.774	47.882	22.348	3.6386	5.13523	0.00073	41.8166	130.697
0.2550	918	41.8166	23.150	37.00	41.250	243.644	5.950	-5.206	18.740	3.051	8.773	47.862	22.357	3.6401	5.13324	0.00073	41.8173	130.793
0.2553	919	41.8173	23.151	37.00	41.250	243.846	5.955	-5.206	18.743	3.052	8.773	47.842	22.367	3.6416	5.13124	0.00073	41.8181	130.890
0.2556	920	41.8181	23.151	37.00	41.250	244.048	5.960	-5.206	18.746	3.052	8.772	47.822	22.376	3.6432	5.12925	0.00073	41.8188	130.986
0.2558	921	41.8188	23.152	37.00	41.250	244.250	5.965	-5.206	18.748	3.052	8.772	47.802	22.386	3.6447	5.12726	0.00073	41.8195	131.083
0.2561	922	41.8195	23.153	37.00	41.250	244.452	5.970	-5.206	18.751	3.053	8.771	47.782	22.395	3.6462	5.12526	0.00073	41.8203	131.179
0.2564	923	41.8203	23.154	37.00	41.250	244.654	5.975	-5.206	18.754	3.053	8.771	47.762	22.404	3.6477	5.12327	0.00073	41.8210	131.275
0.2567	924	41.8210	23.154	37.00	41.250	244.856	5.980	-5.206	18.757	3.054	8.771	47.742	22.414	3.6493	5.12128	0.00073	41.8217	131.372
0.2569	925	41.8217	23.155	37.00	41.250	245.058	5.985	-5.206	18.760	3.054	8.770	47.722	22.423	3.6508	5.11929	0.00073	41.8225	131.468
0.2572	926	41.8225	23.156	37.00	41.250	245.260	5.990	-5.206	18.763	3.055	8.770	47.702	22.433	3.6523	5.11730	0.00073	41.8232	131.564
0.2575	927	41.8232	23.157	37.00	41.250	245.462	5.995	-5.206	18.765	3.055	8.769	47.682	22.442	3.6538	5.11531	0.00073	41.8239	131.660
0.2578	928	41.8239	23.157	37.00	41.250	245.664	6.000	-5.206	18.768	3.056	8.769	47.662	22.451	3.6554	5.11332	0.00073	41.8247	131.756
0.2581	929	41.8247	23.158	37.00	41.250	245.866	6.005	-5.206	18.771	3.056	8.768	47.642	22.461	3.6569	5.11134	0.00073	41.8254	131.852
0.2583	930	41.8254	23.159	37.00	41.250	246.068	6.009	-5.206	18.774	3.057	8.768	47.622	22.470	3.6584	5.10935	0.00073	41.8261	131.948
0.2586	931	41.8261	23.160	37.00	41.250	246.270	6.014	-5.206	18.777	3.057	8.767	47.602	22.479	3.6599	5.10737	0.00073	41.8269	132.045
0.2589	932	41.8269	23.160	37.00	41.250	246.472	6.019	-5.206	18.780	3.058	8.767	47.583	22.489	3.6615	5.10538	0.00073	41.8276	132.141
0.2592	933	41.8276	23.161	37.00	41.250	246.674	6.024	-5.206	18.783	3.058	8.766	47.563	22.498	3.6630	5.10340	0.00073	41.8283	132.236
0.2594	934	41.8283	23.162	37.00	41.250	246.876	6.029	-5.206	18.785	3.059	8.766	47.543	22.507	3.6645	5.10141	0.00073	41.8290	132.332
0.2597	935	41.8290	23.162	37.00	41.250	247.078	6.034	-5.206	18.788	3.059	8.765	47.523	22.517	3.6660	5.09943	0.00073	41.8298	132.428
0.2600	936	41.8298	23.163	37.00	41.250	247.280	6.039	-5.206	18.791	3.059	8.765	47.504	22.526	3.6675	5.09745	0.00073	41.8305	132.524
0.2603	937	41.8305	23.164	37.00	41.250	247.482	6.044	-5.206	18.794	3.060	8.765	47.484	22.535	3.6691	5.09547	0.00073	41.8312	132.620

0.2606	938	41.8312	23.165	37.00	41.250	247.684	6.049	-5.206	18.797	3.060	8.764	47.464	22.545	3.6706	5.09349	0.00073	41.8320	132.716
0.2608	939	41.8320	23.165	37.00	41.250	247.886	6.054	-5.206	18.800	3.061	8.764	47.445	22.554	3.6721	5.09151	0.00073	41.8327	132.811
0.2611	940	41.8327	23.166	37.00	41.250	248.088	6.059	-5.206	18.802	3.061	8.763	47.425	22.563	3.6736	5.08953	0.00073	41.8334	132.907
0.2614	941	41.8334	23.167	37.00	41.250	248.291	6.064	-5.206	18.805	3.062	8.763	47.406	22.573	3.6751	5.08756	0.00073	41.8341	133.003
0.2617	942	41.8341	23.168	37.00	41.250	248.493	6.069	-5.206	18.808	3.062	8.762	47.386	22.582	3.6767	5.08558	0.00073	41.8349	133.098
0.2619	943	41.8349	23.168	37.00	41.250	248.695	6.074	-5.206	18.811	3.063	8.762	47.367	22.591	3.6782	5.08360	0.00073	41.8356	133.194
0.2622	944	41.8356	23.169	37.00	41.250	248.897	6.079	-5.206	18.814	3.063	8.761	47.347	22.601	3.6797	5.08163	0.00073	41.8363	133.289
0.2625	945	41.8363	23.170	37.00	41.250	249.099	6.083	-5.206	18.816	3.064	8.761	47.328	22.610	3.6812	5.07965	0.00073	41.8370	133.385
0.2628	946	41.8370	23.170	37.00	41.250	249.301	6.088	-5.206	18.819	3.064	8.760	47.308	22.619	3.6827	5.07768	0.00073	41.8378	133.480
0.2631	947	41.8378	23.171	37.00	41.250	249.503	6.093	-5.206	18.822	3.064	8.760	47.289	22.629	3.6842	5.07571	0.00073	41.8385	133.576
0.2633	948	41.8385	23.172	37.00	41.250	249.705	6.098	-5.206	18.825	3.065	8.759	47.269	22.638	3.6857	5.07373	0.00072	41.8392	133.671
0.2636	949	41.8392	23.173	37.00	41.250	249.907	6.103	-5.206	18.828	3.065	8.759	47.250	22.647	3.6873	5.07176	0.00072	41.8399	133.767
0.2639	950	41.8399	23.173	37.00	41.250	250.109	6.108	-5.206	18.831	3.066	8.759	47.230	22.656	3.6888	5.06979	0.00072	41.8407	133.862
0.2642	951	41.8407	23.174	37.00	41.250	250.311	6.113	-5.206	18.833	3.066	8.758	47.211	22.666	3.6903	5.06782	0.00072	41.8414	133.957
0.2644	952	41.8414	23.175	37.00	41.250	250.513	6.118	-5.206	18.836	3.067	8.758	47.192	22.675	3.6918	5.06585	0.00072	41.8421	134.052
0.2647	953	41.8421	23.175	37.00	41.250	250.715	6.123	-5.206	18.839	3.067	8.757	47.173	22.684	3.6933	5.06388	0.00072	41.8428	134.148
0.2650	954	41.8428	23.176	37.00	41.250	250.917	6.128	-5.206	18.842	3.068	8.757	47.153	22.694	3.6948	5.06191	0.00072	41.8436	134.243
0.2653	955	41.8436	23.177	37.00	41.250	251.119	6.133	-5.206	18.845	3.068	8.756	47.134	22.703	3.6963	5.05995	0.00072	41.8443	134.338
0.2656	956	41.8443	23.178	37.00	41.250	251.321	6.138	-5.206	18.847	3.069	8.756	47.115	22.712	3.6978	5.05798	0.00072	41.8450	134.433
0.2658	957	41.8450	23.178	37.00	41.250	251.523	6.143	-5.206	18.850	3.069	8.755	47.096	22.721	3.6993	5.05602	0.00072	41.8457	134.528
0.2661	958	41.8457	23.179	37.00	41.250	251.725	6.148	-5.206	18.853	3.070	8.755	47.076	22.731	3.7008	5.05405	0.00072	41.8464	134.623
0.2664	959	41.8464	23.180	37.00	41.250	251.927	6.153	-5.206	18.856	3.070	8.754	47.057	22.740	3.7023	5.05209	0.00072	41.8472	134.718
0.2667	960	41.8472	23.181	37.00	41.250	252.129	6.157	-5.206	18.859	3.070	8.754	47.038	22.749	3.7039	5.05012	0.00072	41.8479	134.813
0.2669	961	41.8479	23.181	37.00	41.250	252.331	6.162	-5.206	18.862	3.071	8.754	47.019	22.758	3.7054	5.04816	0.00072	41.8486	134.908
0.2672	962	41.8486	23.182	37.00	41.250	252.533	6.167	-5.206	18.864	3.071	8.753	47.000	22.768	3.7069	5.04620	0.00072	41.8493	135.003
0.2675	963	41.8493	23.183	37.00	41.250	252.735	6.172	-5.206	18.867	3.072	8.753	46.981	22.777	3.7084	5.04424	0.00072	41.8500	135.098
0.2678	964	41.8500	23.183	37.00	41.250	252.937	6.177	-5.206	18.870	3.072	8.752	46.962	22.786	3.7099	5.04228	0.00072	41.8508	135.193
0.2681	965	41.8508	23.184	37.00	41.250	253.139	6.182	-5.206	18.873	3.073	8.752	46.943	22.795	3.7114	5.04032	0.00072	41.8515	135.287
0.2683	966	41.8515	23.185	37.00	41.250	253.341	6.187	-5.206	18.876	3.073	8.751	46.924	22.804	3.7129	5.03836	0.00072	41.8522	135.382
0.2686	967	41.8522	23.186	37.00	41.250	253.543	6.192	-5.206	18.878	3.074	8.751	46.905	22.814	3.7144	5.03640	0.00072	41.8529	135.477
0.2689	968	41.8529	23.186	37.00	41.250	253.745	6.197	-5.206	18.881	3.074	8.750	46.886	22.823	3.7159	5.03445	0.00072	41.8536	135.571
0.2692	969	41.8536	23.187	37.00	41.250	253.947	6.202	-5.206	18.884	3.075	8.750	46.867	22.832	3.7174	5.03249	0.00072	41.8544	135.666
0.2694	970	41.8544	23.188	37.00	41.250	254.149	6.207	-5.206	18.887	3.075	8.749	46.848	22.841	3.7189	5.03054	0.00072	41.8551	135.761
0.2697	971	41.8551	23.188	37.00	41.250	254.351	6.212	-5.206	18.890	3.075	8.749	46.829	22.851	3.7204	5.02858	0.00072	41.8558	135.855
0.2700	972	41.8558	23.189	37.00	41.250	254.553	6.217	-5.206	18.892	3.076	8.749	46.810	22.860	3.7219	5.02663	0.00072	41.8565	135.950
0.2703	973	41.8565	23.190	37.00	41.250	254.755	6.222	-5.206	18.895	3.076	8.748	46.791	22.869	3.7234	5.02467	0.00072	41.8572	136.044
0.2706	974	41.8572	23.191	37.00	41.250	254.958	6.227	-5.206	18.898	3.077	8.748	46.773	22.878	3.7249	5.02272	0.00072	41.8580	136.139
0.2708	975	41.8580	23.191	37.00	41.250	255.160	6.232	-5.206	18.901	3.077	8.747	46.754	22.887	3.7264	5.02077	0.00072	41.8587	136.233
0.2711	976	41.8587	23.192	37.00	41.250	255.362	6.236	-5.206	18.904	3.078	8.747	46.735	22.897	3.7279	5.01882	0.00072	41.8594	136.327
0.2714	977	41.8594	23.193	37.00	41.250	255.564	6.241	-5.206	18.906	3.078	8.746	46.716	22.906	3.7294	5.01687	0.00072	41.8601	136.422
0.2717	978	41.8601	23.193	37.00	41.250	255.766	6.246	-5.206	18.909	3.079	8.746	46.698	22.915	3.7309	5.01492	0.00072	41.8608	136.516
0.2719	979	41.8608	23.194	37.00	41.250	255.968	6.251	-5.206	18.912	3.079	8.745	46.679	22.924	3.7324	5.01297	0.00072	41.8615	136.610
0.2722	980	41.8615	23.195	37.00	41.250	256.170	6.256	-5.206	18.915	3.080	8.745	46.660	22.933	3.7338	5.01102	0.00072	41.8623	136.704
0.2725	981	41.8623	23.196	37.00	41.250	256.372	6.261	-5.206	18.917	3.080	8.744	46.642	22.942	3.7353	5.00907	0.00072	41.8630	136.799
0.2728	982	41.8630	23.196	37.00	41.250	256.574	6.266	-5.206	18.920	3.080	8.744	46.623	22.952	3.7368	5.00713	0.00072	41.8637	136.893
0.2731	983	41.8637	23.197	37.00	41.250	256.776	6.271	-5.206	18.923	3.081	8.744	46.604	22.961	3.7383	5.00518	0.00072	41.8644	136.987
0.2733	984	41.8644	23.198	37.00	41.250	256.978	6.276	-5.206	18.926	3.081	8.743	46.586	22.970	3.7398	5.00324	0.00071	41.8651	137.081
0.2736	985	41.8651	23.199	37.00	41.250	257.180	6.281	-5.206	18.929	3.082	8.743	46.567	22.979	3.7413	5.00129	0.00071	41.8658	137.175
0.2739	986	41.8658	23.199	37.00	41.250	257.382	6.286	-5.206	18.931	3.082	8.742	46.549	22.988	3.7428	4.99935	0.00071	41.8665	137.269
0.2742	987	41.8665	23.200	37.00	41.250	257.584	6.291	-5.206	18.934	3.083	8.742	46.530	22.997	3.7443	4.99741	0.00071	41.8673	137.363
0.2744	988	41.8673	23.201	37.00	41.250	257.786	6.296	-5.206	18.937	3.083	8.741	46.512	23.007	3.7458	4.99547	0.00071	41.8680	137.457
0.2747	989	41.8680	23.201	37.00	41.250	257.988	6.301	-5.206	18.940	3.084	8.741	46.493	23.016	3.7473	4.99352	0.00071	41.8687	137.551
0.2750	990	41.8687	23.202	37.00	41.250	258.190	6.306	-5.206	18.942	3.084	8.740	46.475	23.025	3.7488	4.99158	0.00071	41.8694	137.645
0.2753	991	41.8694	23.203	37.00	41.250	258.392	6.310	-5.206	18.945	3.085	8.740	46.456	23.034	3.7502	4.98964	0.00071	41.8701	137.738
0.2756	992	41.8701	23.204	37.00	41.250	258.594	6.315	-5.206	18.948	3.085	8.739	46.438	23.043	3.7517	4.98771	0.00071	41.8708	137.832
0.2758	993	41.8708	23.204	37.00	41.250	258.796	6.320	-5.206	18.951	3.085	8.739	46.419	23.052	3.7532	4.98577	0.00071	41.8715	137.926
0.2761	994	41.8715	23.205	37.00	41.250	258.998	6.325	-5.206	18.954	3.086	8.739	46.401	23.061	3.7547	4.98383	0.00071	41.8723	138.020
0.2764	995	41.8723	23.206	37.00	41.250	259.200	6.330	-5.206	18.956	3.086	8.738	46.383	23.071	3.7562	4.98189	0.00071	41.8730	138.113
0.2767	996	41.8730	23.206	37.00	41.250	259.402	6.335	-5.206	18.959	3.087	8.738	46.364	23.080	3.7577	4.97996	0.00071	41.8737	138.207
0.2769	997	41.8737	23.207	37.00	41.250	259.604	6.340	-5.206	18.962	3.087	8.737	46.346	23.089	3.7592	4.97802	0.00071	41.8744	138.300
0.2772	998	41.8744	23.208	37.00	41.250	259.806	6.345	-5.206	18.965	3.088	8.737	46.328	23.098	3.7606	4.97609	0.00071	41.8751	138.394
0.2775	999	41.8751	23.208	37.00	41.250	260.008	6.350	-5.206	18.967	3.088	8.736	46.309	23.107	3.7621	4.97415	0.00071	41.8758	138.488
0.2778	1000	41.8758	23.209	37.00	41.250	260.210	6.355	-5.206	18.970	3.089	8.736	46.291	23.116	3.7636	4.97222	0.00071	41.8765	138.581
0.2781	1001	41.8765	23.210	37.00	41.250	260.412	6.360	-5.206	18.973	3.089	8.735	46.273	23.125	3.7651	4.97029	0.00071	41.8772	138.674
0.2783	1002	41.8772	23.211	37.00	41.250	260.614	6.365	-5.206	18.976	3.089	8.735	46.255	23.134	3.7666	4.96836	0.00071	41.8779	138.768
0.2786	1003	41.8779	23.211	37.00	41.250	260.816	6.370	-5.206	18.978	3.090	8.734	46.237	23.143	3.7681	4.96643	0.00071	41.8786	138.861
0.2789	1004	41.8786	23.212	37.00	41.250	261.018	6.375	-5.206	18.981	3.090	8.734	46.218	23.152	3.7695	4.96450	0.00071	41.8794	138.955
0.2792	1005	41.8794	23.213	37.00	41.250	261.220	6.380	-5.206	18.984	3.091	8.734	46.200	23.162	3.7710	4.96257	0.00071	41.8801	139.048
0.2794	1006	41.8801	23.213	37.00	41.250	261.422	6.384	-5.206	18.987	3.091	8.733	46.182	23.171	3.7725	4.96064	0.00071	41.8808	139.141
0.2797	1007	41.8808	23.214	37.00	41.250	261.625	6.389	-5.206	18.989	3.092	8.733	46.164	23.180	3.7740	4.95871	0.00071	41.8815	139.234
0.2800	1008	41.8815	23.215	37.00	41.250	261.827	6.394	-5.206	18.992	3.092	8.732	46.146	23.189	3.7755	4.95679	0.00071	41.8822	139.328
0.2803	1009	41.8822	23.216	37.00	41.250	262.029	6.399	-5.206	18.995	3.093	8.732	46.128	23.198	3.7769	4.95486	0.00071	41.8829	139.421
0.2806	1010	41.8829	23.216	37.00	41.250	262.231	6.404	-5.206	18.998	3.093	8.731	46.110	23.207	3.7784	4.95293	0.00071	41.8836	139.514
0.2808	1011	41.8836	23.217	37.00	41.250	262.433	6.409	-5.206	19.001	3.094	8.731	46.092	23.216	3.7799	4.95101	0.00071	41.8843	139.607
0.2811	1012	41.8843	23.218	37.00	41.250	262.635	6.414	-5.206	19.003	3.094	8.730	46.074	23.225	3.7814	4.94909	0.00071	41.8850	139.700
0.2814	1013	41.8850	23.218	37.00	41.250	262.837	6.419	-5.206	19.006	3.094	8.730	46.056	23.234	3.7828	4.94716	0.00071	41.8857	139.793
0.2817	1014	41.8857	23.219	37.00	41.250	263.039	6.424	-5.206	19.009	3.095	8.730	46.038	23.243	3.7843	4.94524	0.00071	41.8864	139.886
0.2819	1015	41.8864	23.220	37.00	41.250	263.241	6.429	-5.206	19.012	3.095	8.729	46.020	23.252	3.7858	4.94332	0.00071	41.8871	139.979
0.2822	1016	41.8871	23.221	37.00	41.250	263.443	6.434	-5.206	19.014	3.096	8.729	46.002	23.261	3.7873	4.94140	0.00071	41.8878	140.072
0.2825	1017	41.8878	23.221	37.00	41.250	263.645	6.439	-5.206	19.017	3.096	8.728	45.984	23.270	3.7887	4.93948	0.00071	41.8885	140.165
0.2828	1018	41.8885	23.222	37.00	41.250	263.847	6.444	-5.206	19.020	3.097	8.728	45.966	23.279	3.7902	4.93756	0.00071	41.8893	140.258

0.2831	1019	41.8893	23.223	37.00	41.250	264.049	6.449	-5.206	19.022	3.097	8.727	45.949	23.288	3.7917	4.93564	0.00071	41.8900	140.350
0.2833	1020	41.8900	23.223	37.00	41.250	264.251	6.454	-5.206	19.025	3.098	8.727	45.931	23.297	3.7931	4.93372	0.00070	41.8907	140.443
0.2836	1021	41.8907	23.224	37.00	41.250	264.453	6.458	-5.206	19.028	3.098	8.726	45.913	23.307	3.7946	4.93181	0.00070	41.8914	140.536
0.2839	1022	41.8914	23.225	37.00	41.250	264.655	6.463	-5.206	19.031	3.098	8.726	45.895	23.316	3.7961	4.92989	0.00070	41.8921	140.629
0.2842	1023	41.8921	23.225	37.00	41.250	264.857	6.468	-5.206	19.033	3.099	8.726	45.877	23.325	3.7976	4.92797	0.00070	41.8928	140.721
0.2844	1024	41.8928	23.226	37.00	41.250	265.059	6.473	-5.206	19.036	3.099	8.725	45.860	23.334	3.7990	4.92606	0.00070	41.8935	140.814
0.2847	1025	41.8935	23.227	37.00	41.250	265.261	6.478	-5.206	19.039	3.100	8.725	45.842	23.343	3.8005	4.92414	0.00070	41.8942	140.906
0.2850	1026	41.8942	23.228	37.00	41.250	265.463	6.483	-5.206	19.042	3.100	8.724	45.824	23.352	3.8020	4.92223	0.00070	41.8949	140.999
0.2853	1027	41.8949	23.228	37.00	41.250	265.665	6.488	-5.206	19.044	3.101	8.724	45.807	23.361	3.8034	4.92032	0.00070	41.8956	141.091
0.2856	1028	41.8956	23.229	37.00	41.250	265.867	6.493	-5.206	19.047	3.101	8.723	45.789	23.370	3.8049	4.91841	0.00070	41.8963	141.184
0.2858	1029	41.8963	23.230	37.00	41.250	266.069	6.498	-5.206	19.050	3.102	8.723	45.771	23.379	3.8064	4.91649	0.00070	41.8970	141.276
0.2861	1030	41.8970	23.230	37.00	41.250	266.271	6.503	-5.206	19.053	3.102	8.722	45.754	23.388	3.8078	4.91458	0.00070	41.8977	141.369
0.2864	1031	41.8977	23.231	37.00	41.250	266.473	6.508	-5.206	19.055	3.102	8.722	45.736	23.397	3.8093	4.91267	0.00070	41.8984	141.461
0.2867	1032	41.8984	23.232	37.00	41.250	266.675	6.513	-5.206	19.058	3.103	8.722	45.719	23.406	3.8108	4.91077	0.00070	41.8991	141.553
0.2869	1033	41.8991	23.232	37.00	41.250	266.877	6.518	-5.206	19.061	3.103	8.721	45.701	23.415	3.8122	4.90886	0.00070	41.8998	141.646
0.2872	1034	41.8998	23.233	37.00	41.250	267.079	6.523	-5.206	19.064	3.104	8.721	45.683	23.424	3.8137	4.90695	0.00070	41.9005	141.738
0.2875	1035	41.9005	23.234	37.00	41.250	267.281	6.528	-5.206	19.066	3.104	8.720	45.666	23.433	3.8151	4.90504	0.00070	41.9012	141.830
0.2878	1036	41.9012	23.235	37.00	41.250	267.483	6.532	-5.206	19.069	3.105	8.720	45.648	23.442	3.8166	4.90314	0.00070	41.9019	141.922
0.2881	1037	41.9019	23.235	37.00	41.250	267.685	6.537	-5.206	19.072	3.105	8.719	45.631	23.451	3.8181	4.90123	0.00070	41.9026	142.015
0.2883	1038	41.9026	23.236	37.00	41.250	267.887	6.542	-5.206	19.074	3.106	8.719	45.614	23.460	3.8195	4.89933	0.00070	41.9033	142.107
0.2886	1039	41.9033	23.237	37.00	41.250	268.089	6.547	-5.206	19.077	3.106	8.718	45.596	23.469	3.8210	4.89742	0.00070	41.9040	142.199
0.2889	1040	41.9040	23.237	37.00	41.250	268.291	6.552	-5.206	19.080	3.106	8.718	45.579	23.477	3.8224	4.89552	0.00070	41.9047	142.291
0.2892	1041	41.9047	23.238	37.00	41.250	268.494	6.557	-5.206	19.083	3.107	8.718	45.561	23.486	3.8239	4.89362	0.00070	41.9054	142.383
0.2894	1042	41.9054	23.239	37.00	41.250	268.696	6.562	-5.206	19.085	3.107	8.717	45.544	23.495	3.8254	4.89172	0.00070	41.9061	142.475
0.2897	1043	41.9061	23.239	37.00	41.250	268.898	6.567	-5.206	19.088	3.108	8.717	45.527	23.504	3.8268	4.88982	0.00070	41.9068	142.567
0.2900	1044	41.9068	23.240	37.00	41.250	269.100	6.572	-5.206	19.091	3.108	8.716	45.509	23.513	3.8283	4.88792	0.00070	41.9075	142.659
0.2903	1045	41.9075	23.241	37.00	41.250	269.302	6.577	-5.206	19.093	3.109	8.716	45.492	23.522	3.8297	4.88602	0.00070	41.9082	142.750
0.2906	1046	41.9082	23.242	37.00	41.250	269.504	6.582	-5.206	19.096	3.109	8.715	45.475	23.531	3.8312	4.88412	0.00070	41.9089	142.842
0.2908	1047	41.9089	23.242	37.00	41.250	269.706	6.587	-5.206	19.099	3.110	8.715	45.457	23.540	3.8327	4.88222	0.00070	41.9096	142.934
0.2911	1048	41.9096	23.243	37.00	41.250	269.908	6.592	-5.206	19.102	3.110	8.714	45.440	23.549	3.8341	4.88032	0.00070	41.9103	143.026
0.2914	1049	41.9103	23.244	37.00	41.250	270.110	6.597	-5.206	19.104	3.110	8.714	45.423	23.558	3.8356	4.87843	0.00070	41.9110	143.118
0.2917	1050	41.9110	23.244	37.00	41.250	270.312	6.602	-5.206	19.107	3.111	8.714	45.406	23.567	3.8370	4.87653	0.00070	41.9117	143.209
0.2919	1051	41.9117	23.245	37.00	41.250	270.514	6.606	-5.206	19.110	3.111	8.713	45.388	23.576	3.8385	4.87464	0.00070	41.9124	143.301
0.2922	1052	41.9124	23.246	37.00	41.250	270.716	6.611	-5.206	19.112	3.112	8.713	45.371	23.585	3.8399	4.87274	0.00070	41.9131	143.393
0.2925	1053	41.9131	23.246	37.00	41.250	270.918	6.616	-5.206	19.115	3.112	8.712	45.354	23.594	3.8414	4.87085	0.00070	41.9138	143.484
0.2928	1054	41.9138	23.247	37.00	41.250	271.120	6.621	-5.206	19.118	3.113	8.712	45.337	23.603	3.8428	4.86896	0.00070	41.9145	143.576
0.2931	1055	41.9145	23.248	37.00	41.250	271.322	6.626	-5.206	19.121	3.113	8.711	45.320	23.612	3.8443	4.86706	0.00070	41.9152	143.667
0.2933	1056	41.9152	23.249	37.00	41.250	271.524	6.631	-5.206	19.123	3.114	8.711	45.303	23.620	3.8457	4.86517	0.00070	41.9159	143.759
0.2936	1057	41.9159	23.249	37.00	41.250	271.726	6.636	-5.206	19.126	3.114	8.710	45.286	23.629	3.8472	4.86328	0.00069	41.9166	143.850
0.2939	1058	41.9166	23.250	37.00	41.250	271.928	6.641	-5.206	19.129	3.114	8.710	45.269	23.638	3.8486	4.86139	0.00069	41.9172	143.941
0.2942	1059	41.9172	23.251	37.00	41.250	272.130	6.646	-5.206	19.131	3.115	8.710	45.252	23.647	3.8501	4.85950	0.00069	41.9179	144.033
0.2944	1060	41.9179	23.251	37.00	41.250	272.332	6.651	-5.206	19.134	3.115	8.709	45.235	23.656	3.8515	4.85762	0.00069	41.9186	144.124
0.2947	1061	41.9186	23.252	37.00	41.250	272.534	6.656	-5.206	19.137	3.116	8.709	45.218	23.665	3.8530	4.85573	0.00069	41.9193	144.215
0.2950	1062	41.9193	23.253	37.00	41.250	272.736	6.661	-5.206	19.139	3.116	8.708	45.201	23.674	3.8544	4.85384	0.00069	41.9200	144.307
0.2953	1063	41.9200	23.253	37.00	41.250	272.938	6.666	-5.206	19.142	3.117	8.708	45.184	23.683	3.8559	4.85195	0.00069	41.9207	144.398
0.2956	1064	41.9207	23.254	37.00	41.250	273.140	6.671	-5.206	19.145	3.117	8.707	45.167	23.692	3.8573	4.85007	0.00069	41.9214	144.489
0.2958	1065	41.9214	23.255	37.00	41.250	273.342	6.676	-5.206	19.148	3.117	8.707	45.150	23.701	3.8588	4.84818	0.00069	41.9221	144.580
0.2961	1066	41.9221	23.255	37.00	41.250	273.544	6.681	-5.206	19.150	3.118	8.707	45.133	23.709	3.8602	4.84630	0.00069	41.9228	144.671
0.2964	1067	41.9228	23.256	37.00	41.250	273.746	6.685	-5.206	19.153	3.118	8.706	45.116	23.718	3.8617	4.84442	0.00069	41.9235	144.763
0.2967	1068	41.9235	23.257	37.00	41.250	273.948	6.690	-5.206	19.156	3.119	8.706	45.099	23.727	3.8631	4.84254	0.00069	41.9242	144.854
0.2969	1069	41.9242	23.258	37.00	41.250	274.150	6.695	-5.206	19.158	3.119	8.705	45.082	23.736	3.8645	4.84065	0.00069	41.9249	144.945
0.2972	1070	41.9249	23.258	37.00	41.250	274.352	6.700	-5.206	19.161	3.120	8.705	45.065	23.745	3.8660	4.83877	0.00069	41.9256	145.036
0.2975	1071	41.9256	23.259	37.00	41.250	274.554	6.705	-5.206	19.164	3.120	8.704	45.049	23.754	3.8674	4.83689	0.00069	41.9262	145.126
0.2978	1072	41.9262	23.260	37.00	41.250	274.756	6.710	-5.206	19.166	3.121	8.704	45.032	23.763	3.8689	4.83501	0.00069	41.9269	145.217
0.2981	1073	41.9269	23.260	37.00	41.250	274.958	6.715	-5.206	19.169	3.121	8.703	45.015	23.771	3.8703	4.83313	0.00069	41.9276	145.308
0.2983	1074	41.9276	23.261	37.00	41.250	275.161	6.720	-5.206	19.172	3.121	8.703	44.998	23.780	3.8717	4.83126	0.00069	41.9283	145.399
0.2986	1075	41.9283	23.262	37.00	41.250	275.363	6.725	-5.206	19.174	3.122	8.703	44.982	23.789	3.8732	4.82938	0.00069	41.9290	145.490
0.2989	1076	41.9290	23.262	37.00	41.250	275.565	6.730	-5.206	19.177	3.122	8.702	44.965	23.798	3.8746	4.82750	0.00069	41.9297	145.581
0.2992	1077	41.9297	23.263	37.00	41.250	275.767	6.735	-5.206	19.180	3.123	8.702	44.948	23.807	3.8761	4.82563	0.00069	41.9304	145.671
0.2994	1078	41.9304	23.264	37.00	41.250	275.969	6.740	-5.206	19.183	3.123	8.701	44.932	23.816	3.8775	4.82375	0.00069	41.9311	145.762
0.2997	1079	41.9311	23.264	37.00	41.250	276.171	6.745	-5.206	19.185	3.124	8.701	44.915	23.824	3.8789	4.82188	0.00069	41.9318	145.853
0.3000	1080	41.9318	23.265	37.00	41.250	276.373	6.750	-5.206	19.188	3.124	8.700	44.898	23.833	3.8804	4.82000	0.00069	41.9325	145.943
0.3003	1081	41.9325	23.266	37.00	41.250	276.575	6.755	-5.206	19.191	3.124	8.700	44.882	23.842	3.8818	4.81813	0.00069	41.9331	146.034
0.3006	1082	41.9331	23.267	37.00	41.250	276.777	6.759	-5.206	19.193	3.125	8.700	44.865	23.851	3.8833	4.81626	0.00069	41.9338	146.125
0.3008	1083	41.9338	23.267	37.00	41.250	276.979	6.764	-5.206	19.196	3.125	8.699	44.848	23.860	3.8847	4.81439	0.00069	41.9345	146.215
0.3011	1084	41.9345	23.268	37.00	41.250	277.181	6.769	-5.206	19.199	3.126	8.699	44.832	23.869	3.8861	4.81252	0.00069	41.9352	146.306
0.3014	1085	41.9352	23.269	37.00	41.250	277.383	6.774	-5.206	19.201	3.126	8.698	44.815	23.877	3.8876	4.81065	0.00069	41.9359	146.396
0.3017	1086	41.9359	23.269	37.00	41.250	277.585	6.779	-5.206	19.204	3.127	8.698	44.799	23.886	3.8890	4.80878	0.00069	41.9366	146.486
0.3019	1087	41.9366	23.270	37.00	41.250	277.787	6.784	-5.206	19.207	3.127	8.697	44.782	23.895	3.8904	4.80691	0.00069	41.9373	146.577
0.3022	1088	41.9373	23.271	37.00	41.250	277.989	6.789	-5.206	19.209	3.128	8.697	44.766	23.904	3.8919	4.80504	0.00069	41.9380	146.667
0.3025	1089	41.9380	23.271	37.00	41.250	278.191	6.794	-5.206	19.212	3.128	8.696	44.749	23.913	3.8933	4.80317	0.00069	41.9386	146.757
0.3028	1090	41.9386	23.272	37.00	41.250	278.393	6.799	-5.206	19.215	3.128	8.696	44.733	23.921	3.8947	4.80131	0.00069	41.9393	146.848
0.3031	1091	41.9393	23.273	37.00	41.250	278.595	6.804	-5.206	19.217	3.129	8.696	44.716	23.930	3.8962	4.79944	0.00069	41.9400	146.938
0.3033	1092	41.9400	23.273	37.00	41.250	278.797	6.809	-5.206	19.220	3.129	8.695	44.700	23.939	3.8976	4.79758	0.00069	41.9407	147.028
0.3036	1093	41.9407	23.274	37.00	41.250	278.999	6.814	-5.206	19.223	3.130	8.695	44.684	23.948	3.8990	4.79571	0.00069	41.9414	147.118
0.3039	1094	41.9414	23.275	37.00	41.250	279.201	6.819	-5.206	19.225	3.130	8.694	44.667	23.957	3.9004	4.79385	0.00068	41.9421	147.208
0.3042	1095	41.9421	23.275	37.00	41.250	279.403	6.824	-5.206	19.228	3.131	8.694	44.651	23.965	3.9019	4.79199	0.00068	41.9428	147.299
0.3044	1096	41.9428	23.276	37.00	41.250	279.605	6.829	-5.206	19.231	3.131	8.693	44.635	23.974	3.9033	4.79012	0.00068	41.9434	147.389
0.3047	1097	41.9434	23.277	37.00	41.250	279.807	6.833	-5.206	19.233	3.131	8.693	44.618	23.983	3.9047	4.78826	0.00068	41.9441	147.479
0.3050	1098	41.9441	23.278	37.00	41.250	280.009	6.838	-5.206	19.236	3.132	8.693	44.602	23.992	3.9062	4.78640	0.00068	41.9448	147.569
0.3053	1099	41.9448	23.278	37.00	41.250	280.211	6.843	-5.206	19.239	3.132	8.692	44.586	24.000	3.9076	4.78454	0.00068	41.9455	147.659

0.3056	1100	41.9455	23.279	37.00	41.250	280.413	6.848	-5.206	19.241	3.133	8.692	44.569	24.009	3.9090	4.78268	0.00068	41.9462	147.748
0.3058	1101	41.9462	23.280	37.00	41.250	280.615	6.853	-5.206	19.244	3.133	8.691	44.553	24.018	3.9104	4.78082	0.00068	41.9469	147.838
0.3061	1102	41.9469	23.280	37.00	41.250	280.817	6.858	-5.206	19.247	3.134	8.691	44.537	24.027	3.9119	4.77897	0.00068	41.9475	147.928
0.3064	1103	41.9475	23.281	37.00	41.250	281.019	6.863	-5.206	19.249	3.134	8.690	44.521	24.035	3.9133	4.77711	0.00068	41.9482	148.018
0.3067	1104	41.9482	23.282	37.00	41.250	281.221	6.868	-5.206	19.252	3.134	8.690	44.504	24.044	3.9147	4.77525	0.00068	41.9489	148.108
0.3069	1105	41.9489	23.282	37.00	41.250	281.423	6.873	-5.206	19.255	3.135	8.690	44.488	24.053	3.9161	4.77340	0.00068	41.9496	148.198
0.3072	1106	41.9496	23.283	37.00	41.250	281.625	6.878	-5.206	19.257	3.135	8.689	44.472	24.062	3.9176	4.77154	0.00068	41.9503	148.287
0.3075	1107	41.9503	23.284	37.00	41.250	281.827	6.883	-5.206	19.260	3.136	8.689	44.456	24.070	3.9190	4.76969	0.00068	41.9509	148.377
0.3078	1108	41.9509	23.284	37.00	41.250	282.030	6.888	-5.206	19.263	3.136	8.688	44.440	24.079	3.9204	4.76783	0.00068	41.9516	148.467
0.3081	1109	41.9516	23.285	37.00	41.250	282.232	6.893	-5.206	19.265	3.137	8.688	44.424	24.088	3.9218	4.76598	0.00068	41.9523	148.556
0.3083	1110	41.9523	23.286	37.00	41.250	282.434	6.898	-5.206	19.268	3.137	8.687	44.408	24.097	3.9232	4.76413	0.00068	41.9530	148.646
0.3086	1111	41.9530	23.286	37.00	41.250	282.636	6.903	-5.206	19.270	3.137	8.687	44.392	24.105	3.9247	4.76228	0.00068	41.9537	148.735
0.3089	1112	41.9537	23.287	37.00	41.250	282.838	6.907	-5.206	19.273	3.138	8.687	44.376	24.114	3.9261	4.76043	0.00068	41.9544	148.825
0.3092	1113	41.9544	23.288	37.00	41.250	283.040	6.912	-5.206	19.276	3.138	8.686	44.360	24.123	3.9275	4.75858	0.00068	41.9550	148.914
0.3094	1114	41.9550	23.288	37.00	41.250	283.242	6.917	-5.206	19.278	3.139	8.686	44.344	24.131	3.9289	4.75673	0.00068	41.9557	149.004
0.3097	1115	41.9557	23.289	37.00	41.250	283.444	6.922	-5.206	19.281	3.139	8.685	44.328	24.140	3.9303	4.75488	0.00068	41.9564	149.093
0.3100	1116	41.9564	23.290	37.00	41.250	283.646	6.927	-5.206	19.284	3.140	8.685	44.312	24.149	3.9318	4.75303	0.00068	41.9571	149.182
0.3103	1117	41.9571	23.290	37.00	41.250	283.848	6.932	-5.206	19.286	3.140	8.684	44.296	24.158	3.9332	4.75119	0.00068	41.9577	149.272
0.3106	1118	41.9577	23.291	37.00	41.250	284.050	6.937	-5.206	19.289	3.141	8.684	44.280	24.166	3.9346	4.74934	0.00068	41.9584	149.361
0.3108	1119	41.9584	23.292	37.00	41.250	284.252	6.942	-5.206	19.292	3.141	8.683	44.264	24.175	3.9360	4.74749	0.00068	41.9591	149.450
0.3111	1120	41.9591	23.292	37.00	41.250	284.454	6.947	-5.206	19.294	3.141	8.683	44.248	24.184	3.9374	4.74565	0.00068	41.9598	149.540
0.3114	1121	41.9598	23.293	37.00	41.250	284.656	6.952	-5.206	19.297	3.142	8.683	44.232	24.192	3.9388	4.74381	0.00068	41.9605	149.629
0.3117	1122	41.9605	23.294	37.00	41.250	284.858	6.957	-5.206	19.300	3.142	8.682	44.216	24.201	3.9402	4.74196	0.00068	41.9611	149.718
0.3119	1123	41.9611	23.295	37.00	41.250	285.060	6.962	-5.206	19.302	3.143	8.682	44.200	24.210	3.9417	4.74012	0.00068	41.9618	149.807
0.3122	1124	41.9618	23.295	37.00	41.250	285.262	6.967	-5.206	19.305	3.143	8.681	44.184	24.218	3.9431	4.73828	0.00068	41.9625	149.896
0.3125	1125	41.9625	23.296	37.00	41.250	285.464	6.972	-5.206	19.307	3.144	8.681	44.169	24.227	3.9445	4.73644	0.00068	41.9632	149.985
0.3128	1126	41.9632	23.297	37.00	41.250	285.666	6.977	-5.206	19.310	3.144	8.680	44.153	24.236	3.9459	4.73460	0.00068	41.9638	150.074
0.3131	1127	41.9638	23.297	37.00	41.250	285.868	6.981	-5.206	19.313	3.144	8.680	44.137	24.244	3.9473	4.73276	0.00068	41.9645	150.163
0.3133	1128	41.9645	23.298	37.00	41.250	286.070	6.986	-5.206	19.315	3.145	8.680	44.121	24.253	3.9487	4.73092	0.00068	41.9652	150.252
0.3136	1129	41.9652	23.299	37.00	41.250	286.272	6.991	-5.206	19.318	3.145	8.679	44.105	24.262	3.9501	4.72908	0.00068	41.9659	150.341
0.3139	1130	41.9659	23.299	37.00	41.250	286.474	6.996	-5.206	19.321	3.146	8.679	44.090	24.270	3.9515	4.72724	0.00068	41.9665	150.430
0.3142	1131	41.9665	23.300	37.00	41.250	286.676	7.001	-5.206	19.323	3.146	8.678	44.074	24.279	3.9529	4.72540	0.00068	41.9672	150.519
0.3144	1132	41.9672	23.301	37.00	41.250	286.878	7.006	-5.206	19.326	3.147	8.678	44.058	24.288	3.9544	4.72357	0.00067	41.9679	150.608
0.3147	1133	41.9679	23.301	37.00	41.250	287.080	7.011	-5.206	19.328	3.147	8.677	44.043	24.296	3.9558	4.72173	0.00067	41.9686	150.696
0.3150	1134	41.9686	23.302	37.00	41.250	287.282	7.016	-5.206	19.331	3.147	8.677	44.027	24.305	3.9572	4.71990	0.00067	41.9692	150.785
0.3153	1135	41.9692	23.303	37.00	41.250	287.484	7.021	-5.206	19.334	3.148	8.677	44.011	24.314	3.9586	4.71806	0.00067	41.9699	150.874
0.3156	1136	41.9699	23.303	37.00	41.250	287.686	7.026	-5.206	19.336	3.148	8.676	43.996	24.322	3.9600	4.71623	0.00067	41.9706	150.963
0.3158	1137	41.9706	23.304	37.00	41.250	287.888	7.031	-5.206	19.339	3.149	8.676	43.980	24.331	3.9614	4.71440	0.00067	41.9713	151.051
0.3161	1138	41.9713	23.305	37.00	41.250	288.090	7.036	-5.206	19.342	3.149	8.675	43.964	24.340	3.9628	4.71257	0.00067	41.9719	151.140
0.3164	1139	41.9719	23.305	37.00	41.250	288.292	7.041	-5.206	19.344	3.149	8.675	43.949	24.348	3.9642	4.71074	0.00067	41.9726	151.228
0.3167	1140	41.9726	23.306	37.00	41.250	288.494	7.046	-5.206	19.347	3.150	8.675	43.933	24.357	3.9656	4.70890	0.00067	41.9733	151.317
0.3169	1141	41.9733	23.307	37.00	41.250	288.697	7.051	-5.206	19.349	3.150	8.674	43.918	24.365	3.9670	4.70707	0.00067	41.9740	151.405
0.3172	1142	41.9740	23.307	37.00	41.250	288.899	7.055	-5.206	19.352	3.151	8.674	43.902	24.374	3.9684	4.70525	0.00067	41.9746	151.494
0.3175	1143	41.9746	23.308	37.00	41.250	289.101	7.060	-5.206	19.355	3.151	8.673	43.887	24.383	3.9698	4.70342	0.00067	41.9753	151.582
0.3178	1144	41.9753	23.309	37.00	41.250	289.303	7.065	-5.206	19.357	3.152	8.673	43.871	24.391	3.9712	4.70159	0.00067	41.9760	151.671
0.3181	1145	41.9760	23.309	37.00	41.250	289.505	7.070	-5.206	19.360	3.152	8.672	43.856	24.400	3.9726	4.69976	0.00067	41.9766	151.759
0.3183	1146	41.9766	23.310	37.00	41.250	289.707	7.075	-5.206	19.362	3.152	8.672	43.840	24.408	3.9740	4.69794	0.00067	41.9773	151.847
0.3186	1147	41.9773	23.311	37.00	41.250	289.909	7.080	-5.206	19.365	3.153	8.672	43.825	24.417	3.9754	4.69611	0.00067	41.9780	151.936
0.3189	1148	41.9780	23.311	37.00	41.250	290.111	7.085	-5.206	19.368	3.153	8.671	43.809	24.426	3.9768	4.69429	0.00067	41.9787	152.024
0.3192	1149	41.9787	23.312	37.00	41.250	290.313	7.090	-5.206	19.370	3.154	8.671	43.794	24.434	3.9782	4.69246	0.00067	41.9793	152.112
0.3194	1150	41.9793	23.313	37.00	41.250	290.515	7.095	-5.206	19.373	3.154	8.670	43.779	24.443	3.9796	4.69064	0.00067	41.9800	152.200
0.3197	1151	41.9800	23.313	37.00	41.250	290.717	7.100	-5.206	19.376	3.155	8.670	43.763	24.451	3.9810	4.68882	0.00067	41.9807	152.288
0.3200	1152	41.9807	23.314	37.00	41.250	290.919	7.105	-5.206	19.378	3.155	8.669	43.748	24.460	3.9824	4.68699	0.00067	41.9813	152.377
0.3203	1153	41.9813	23.315	37.00	41.250	291.121	7.110	-5.206	19.381	3.155	8.669	43.733	24.469	3.9838	4.68517	0.00067	41.9820	152.465
0.3206	1154	41.9820	23.315	37.00	41.250	291.323	7.115	-5.206	19.383	3.156	8.669	43.717	24.477	3.9852	4.68335	0.00067	41.9827	152.553
0.3208	1155	41.9827	23.316	37.00	41.250	291.525	7.120	-5.206	19.386	3.156	8.668	43.702	24.486	3.9866	4.68153	0.00067	41.9833	152.641
0.3211	1156	41.9833	23.317	37.00	41.250	291.727	7.125	-5.206	19.389	3.157	8.668	43.687	24.494	3.9880	4.67971	0.00067	41.9840	152.729
0.3214	1157	41.9840	23.317	37.00	41.250	291.929	7.129	-5.206	19.391	3.157	8.667	43.671	24.503	3.9894	4.67790	0.00067	41.9847	152.817
0.3217	1158	41.9847	23.318	37.00	41.250	292.131	7.134	-5.206	19.394	3.158	8.667	43.656	24.511	3.9908	4.67608	0.00067	41.9853	152.905
0.3219	1159	41.9853	23.319	37.00	41.250	292.333	7.139	-5.206	19.396	3.158	8.666	43.641	24.520	3.9922	4.67426	0.00067	41.9860	152.992
0.3222	1160	41.9860	23.319	37.00	41.250	292.535	7.144	-5.206	19.399	3.158	8.666	43.626	24.529	3.9936	4.67244	0.00067	41.9867	153.080
0.3225	1161	41.9867	23.320	37.00	41.250	292.737	7.149	-5.206	19.402	3.159	8.666	43.610	24.537	3.9950	4.67063	0.00067	41.9874	153.168
0.3228	1162	41.9874	23.321	37.00	41.250	292.939	7.154	-5.206	19.404	3.159	8.665	43.595	24.546	3.9964	4.66881	0.00067	41.9880	153.256
0.3231	1163	41.9880	23.321	37.00	41.250	293.141	7.159	-5.206	19.407	3.160	8.665	43.580	24.554	3.9978	4.66700	0.00067	41.9887	153.344
0.3233	1164	41.9887	23.322	37.00	41.250	293.343	7.164	-5.206	19.409	3.160	8.664	43.565	24.563	3.9991	4.66519	0.00067	41.9894	153.431
0.3236	1165	41.9894	23.323	37.00	41.250	293.545	7.169	-5.206	19.412	3.161	8.664	43.550	24.571	4.0005	4.66337	0.00067	41.9900	153.519
0.3239	1166	41.9900	23.323	37.00	41.250	293.747	7.174	-5.206	19.415	3.161	8.663	43.535	24.580	4.0019	4.66156	0.00067	41.9907	153.607
0.3242	1167	41.9907	23.324	37.00	41.250	293.949	7.179	-5.206	19.417	3.161	8.663	43.519	24.588	4.0033	4.65975	0.00067	41.9913	153.694
0.3244	1168	41.9913	23.325	37.00	41.250	294.151	7.184	-5.206	19.420	3.162	8.663	43.504	24.597	4.0047	4.65794	0.00067	41.9920	153.782
0.3247	1169	41.9920	23.325	37.00	41.250	294.353	7.189	-5.206	19.422	3.162	8.662	43.489	24.605	4.0061	4.65613	0.00067	41.9927	153.869
0.3250	1170	41.9927	23.326	37.00	41.250	294.555	7.194	-5.206	19.425	3.163	8.662	43.474	24.614	4.0075	4.65432	0.00066	41.9933	153.957
0.3253	1171	41.9933	23.327	37.00	41.250	294.757	7.199	-5.206	19.427	3.163	8.661	43.459	24.622	4.0089	4.65251	0.00066	41.9940	154.044
0.3256	1172	41.9940	23.327	37.00	41.250	294.959	7.204	-5.206	19.430	3.163	8.661	43.444	24.631	4.0103	4.65070	0.00066	41.9947	154.132
0.3258	1173	41.9947	23.328	37.00	41.250	295.161	7.208	-5.206	19.433	3.164	8.661	43.429	24.639	4.0116	4.64890	0.00066	41.9953	154.219
0.3261	1174	41.9953	23.329	37.00	41.250	295.364	7.213	-5.206	19.435	3.164	8.660	43.414	24.648	4.0130	4.64709	0.00066	41.9960	154.307
0.3264	1175	41.9960	23.329	37.00	41.250	295.566	7.218	-5.206	19.438	3.165	8.660	43.399	24.657	4.0144	4.64528	0.00066	41.9967	154.394
0.3267	1176	41.9967	23.330	37.00	41.250	295.768	7.223	-5.206	19.440	3.165	8.659	43.384	24.665	4.0158	4.64348	0.00066	41.9973	154.481
0.3269	1177	41.9973	23.331	37.00	41.250	295.970	7.228	-5.206	19.443	3.166	8.659	43.369	24.674	4.0172	4.64167	0.00066	41.9980	154.569
0.3272	1178	41.9980	23.331	37.00	41.250	296.172	7.233	-5.206	19.446	3.166	8.658	43.354	24.682	4.0186	4.63987	0.00066	41.9987	154.656
0.3275	1179	41.9987	23.332	37.00	41.250	296.374	7.238	-5.206	19.448	3.166	8.658	43.339	24.691	4.0199	4.63807	0.00066	41.9993	154.743
0.3278	1180	41.9993	23.333	37.00	41.250	296.576	7.243	-5.206	19.451	3.167	8.658	43.325	24.699	4.0213	4.63627	0.00066	42.0000	154.830

0.3281	1181	42.0000	23.333	37.00	41.250	296.778	7.248	-5.206	19.453	3.167	8.657	43.310	24.707	4.0227	4.63446	0.00066	42.0006	154.917
0.3283	1182	42.0006	23.334	37.00	41.250	296.980	7.253	-5.206	19.456	3.168	8.657	43.295	24.716	4.0241	4.63266	0.00066	42.0013	155.004
0.3286	1183	42.0013	23.335	37.00	41.250	297.182	7.258	-5.206	19.458	3.168	8.656	43.280	24.724	4.0255	4.63086	0.00066	42.0020	155.091
0.3289	1184	42.0020	23.335	37.00	41.250	297.384	7.263	-5.206	19.461	3.169	8.656	43.265	24.733	4.0269	4.62906	0.00066	42.0026	155.179
0.3292	1185	42.0026	23.336	37.00	41.250	297.586	7.268	-5.206	19.464	3.169	8.655	43.250	24.741	4.0282	4.62726	0.00066	42.0033	155.266
0.3294	1186	42.0033	23.337	37.00	41.250	297.788	7.273	-5.206	19.466	3.169	8.655	43.235	24.750	4.0296	4.62547	0.00066	42.0039	155.352
0.3297	1187	42.0039	23.337	37.00	41.250	297.990	7.278	-5.206	19.469	3.170	8.655	43.221	24.758	4.0310	4.62367	0.00066	42.0046	155.439
0.3300	1188	42.0046	23.338	37.00	41.250	298.192	7.282	-5.206	19.471	3.170	8.654	43.206	24.767	4.0324	4.62187	0.00066	42.0053	155.526
0.3303	1189	42.0053	23.339	37.00	41.250	298.394	7.287	-5.206	19.474	3.171	8.654	43.191	24.775	4.0337	4.62008	0.00066	42.0059	155.613
0.3306	1190	42.0059	23.339	37.00	41.250	298.596	7.292	-5.206	19.476	3.171	8.653	43.176	24.784	4.0351	4.61828	0.00066	42.0066	155.700
0.3308	1191	42.0066	23.340	37.00	41.250	298.798	7.297	-5.206	19.479	3.171	8.653	43.162	24.792	4.0365	4.61649	0.00066	42.0072	155.787
0.3311	1192	42.0072	23.341	37.00	41.250	299.000	7.302	-5.206	19.482	3.172	8.653	43.147	24.801	4.0379	4.61469	0.00066	42.0079	155.874
0.3314	1193	42.0079	23.341	37.00	41.250	299.202	7.307	-5.206	19.484	3.172	8.652	43.132	24.809	4.0393	4.61290	0.00066	42.0086	155.960
0.3317	1194	42.0086	23.342	37.00	41.250	299.404	7.312	-5.206	19.487	3.173	8.652	43.118	24.818	4.0406	4.61111	0.00066	42.0092	156.047
0.3319	1195	42.0092	23.343	37.00	41.250	299.606	7.317	-5.206	19.489	3.173	8.651	43.103	24.826	4.0420	4.60932	0.00066	42.0099	156.134
0.3322	1196	42.0099	23.343	37.00	41.250	299.808	7.322	-5.206	19.492	3.174	8.651	43.088	24.834	4.0434	4.60752	0.00066	42.0105	156.220
0.3325	1197	42.0105	23.344	37.00	41.250	300.010	7.327	-5.206	19.494	3.174	8.650	43.074	24.843	4.0447	4.60573	0.00066	42.0112	156.307
0.3328	1198	42.0112	23.345	37.00	41.250	300.212	7.332	-5.206	19.497	3.174	8.650	43.059	24.851	4.0461	4.60394	0.00066	42.0119	156.393
0.3331	1199	42.0119	23.345	37.00	41.250	300.414	7.337	-5.206	19.499	3.175	8.650	43.044	24.860	4.0475	4.60216	0.00066	42.0125	156.480
0.3333	1200	42.0125	23.346	37.00	41.250	300.616	7.342	-5.206	19.502	3.175	8.649	43.030	24.868	4.0489	4.60037	0.00066	42.0132	156.566
0.3336	1201	42.0132	23.347	37.00	41.250	300.818	7.347	-5.206	19.505	3.176	8.649	43.015	24.877	4.0502	4.59858	0.00066	42.0138	156.653
0.3339	1202	42.0138	23.347	37.00	41.250	301.020	7.352	-5.206	19.507	3.176	8.648	43.001	24.885	4.0516	4.59679	0.00066	42.0145	156.739
0.3342	1203	42.0145	23.348	37.00	41.250	301.222	7.356	-5.206	19.510	3.176	8.648	42.986	24.893	4.0530	4.59501	0.00066	42.0151	156.826
0.3344	1204	42.0151	23.349	37.00	41.250	301.424	7.361	-5.206	19.512	3.177	8.648	42.972	24.902	4.0543	4.59322	0.00066	42.0158	156.912
0.3347	1205	42.0158	23.349	37.00	41.250	301.626	7.366	-5.206	19.515	3.177	8.647	42.957	24.910	4.0557	4.59144	0.00066	42.0165	156.998
0.3350	1206	42.0165	23.350	37.00	41.250	301.828	7.371	-5.206	19.517	3.178	8.647	42.943	24.919	4.0571	4.58965	0.00066	42.0171	157.085
0.3353	1207	42.0171	23.350	37.00	41.250	302.030	7.376	-5.206	19.520	3.178	8.646	42.928	24.927	4.0585	4.58787	0.00066	42.0178	157.171
0.3356	1208	42.0178	23.351	37.00	41.250	302.233	7.381	-5.206	19.522	3.179	8.646	42.914	24.935	4.0598	4.58609	0.00066	42.0184	157.257
0.3358	1209	42.0184	23.352	37.00	41.250	302.435	7.386	-5.206	19.525	3.179	8.645	42.899	24.944	4.0612	4.58430	0.00065	42.0191	157.343
0.3361	1210	42.0191	23.352	37.00	41.250	302.637	7.391	-5.206	19.528	3.179	8.645	42.885	24.952	4.0626	4.58252	0.00065	42.0197	157.430
0.3364	1211	42.0197	23.353	37.00	41.250	302.839	7.396	-5.206	19.530	3.180	8.645	42.870	24.961	4.0639	4.58074	0.00065	42.0204	157.516
0.3367	1212	42.0204	23.354	37.00	41.250	303.041	7.401	-5.206	19.533	3.180	8.644	42.856	24.969	4.0653	4.57896	0.00065	42.0210	157.602
0.3369	1213	42.0210	23.354	37.00	41.250	303.243	7.406	-5.206	19.535	3.181	8.644	42.842	24.977	4.0667	4.57718	0.00065	42.0217	157.688
0.3372	1214	42.0217	23.355	37.00	41.250	303.445	7.411	-5.206	19.538	3.181	8.643	42.827	24.986	4.0680	4.57540	0.00065	42.0223	157.774
0.3375	1215	42.0223	23.356	37.00	41.250	303.647	7.416	-5.206	19.540	3.181	8.643	42.813	24.994	4.0694	4.57363	0.00065	42.0230	157.860
0.3378	1216	42.0230	23.356	37.00	41.250	303.849	7.421	-5.206	19.543	3.182	8.643	42.799	25.003	4.0707	4.57185	0.00065	42.0237	157.946
0.3381	1217	42.0237	23.357	37.00	41.250	304.051	7.426	-5.206	19.545	3.182	8.642	42.784	25.011	4.0721	4.57007	0.00065	42.0243	158.032
0.3383	1218	42.0243	23.358	37.00	41.250	304.253	7.430	-5.206	19.548	3.183	8.642	42.770	25.019	4.0735	4.56830	0.00065	42.0250	158.118
0.3386	1219	42.0250	23.358	37.00	41.250	304.455	7.435	-5.206	19.550	3.183	8.641	42.756	25.028	4.0748	4.56652	0.00065	42.0256	158.203
0.3389	1220	42.0256	23.359	37.00	41.250	304.657	7.440	-5.206	19.553	3.183	8.641	42.741	25.036	4.0762	4.56475	0.00065	42.0263	158.289
0.3392	1221	42.0263	23.360	37.00	41.250	304.859	7.445	-5.206	19.556	3.184	8.641	42.727	25.044	4.0776	4.56297	0.00065	42.0269	158.375
0.3394	1222	42.0269	23.360	37.00	41.250	305.061	7.450	-5.206	19.558	3.184	8.640	42.713	25.053	4.0789	4.56120	0.00065	42.0276	158.461
0.3397	1223	42.0276	23.361	37.00	41.250	305.263	7.455	-5.206	19.561	3.185	8.640	42.699	25.061	4.0803	4.55943	0.00065	42.0282	158.547
0.3400	1224	42.0282	23.362	37.00	41.250	305.465	7.460	-5.206	19.563	3.185	8.639	42.684	25.069	4.0816	4.55766	0.00065	42.0289	158.632
0.3403	1225	42.0289	23.362	37.00	41.250	305.667	7.465	-5.206	19.566	3.186	8.639	42.670	25.078	4.0830	4.55589	0.00065	42.0295	158.718
0.3406	1226	42.0295	23.363	37.00	41.250	305.869	7.470	-5.206	19.568	3.186	8.638	42.656	25.086	4.0843	4.55411	0.00065	42.0302	158.804
0.3408	1227	42.0302	23.364	37.00	41.250	306.071	7.475	-5.206	19.571	3.186	8.638	42.642	25.094	4.0857	4.55235	0.00065	42.0308	158.889
0.3411	1228	42.0308	23.364	37.00	41.250	306.273	7.480	-5.206	19.573	3.187	8.638	42.628	25.103	4.0871	4.55058	0.00065	42.0315	158.975
0.3414	1229	42.0315	23.365	37.00	41.250	306.475	7.485	-5.206	19.576	3.187	8.637	42.614	25.111	4.0884	4.54881	0.00065	42.0321	159.060
0.3417	1230	42.0321	23.366	37.00	41.250	306.677	7.490	-5.206	19.578	3.188	8.637	42.599	25.119	4.0898	4.54704	0.00065	42.0328	159.146
0.3419	1231	42.0328	23.366	37.00	41.250	306.879	7.495	-5.206	19.581	3.188	8.636	42.585	25.128	4.0911	4.54527	0.00065	42.0334	159.231
0.3422	1232	42.0334	23.367	37.00	41.250	307.081	7.500	-5.206	19.583	3.188	8.636	42.571	25.136	4.0925	4.54351	0.00065	42.0341	159.317
0.3425	1233	42.0341	23.367	37.00	41.250	307.283	7.504	-5.206	19.586	3.189	8.636	42.557	25.144	4.0938	4.54174	0.00065	42.0347	159.402
0.3428	1234	42.0347	23.368	37.00	41.250	307.485	7.509	-5.206	19.588	3.189	8.635	42.543	25.153	4.0952	4.53998	0.00065	42.0354	159.487
0.3431	1235	42.0354	23.369	37.00	41.250	307.687	7.514	-5.206	19.591	3.190	8.635	42.529	25.161	4.0965	4.53821	0.00065	42.0360	159.573
0.3433	1236	42.0360	23.369	37.00	41.250	307.889	7.519	-5.206	19.593	3.190	8.634	42.515	25.169	4.0979	4.53645	0.00065	42.0367	159.658
0.3436	1237	42.0367	23.370	37.00	41.250	308.091	7.524	-5.206	19.596	3.190	8.634	42.501	25.178	4.0993	4.53469	0.00065	42.0373	159.743
0.3439	1238	42.0373	23.371	37.00	41.250	308.293	7.529	-5.206	19.599	3.191	8.634	42.487	25.186	4.1006	4.53292	0.00065	42.0380	159.828
0.3442	1239	42.0380	23.371	37.00	41.250	308.495	7.534	-5.206	19.601	3.191	8.633	42.473	25.194	4.1020	4.53116	0.00065	42.0386	159.914
0.3444	1240	42.0386	23.372	37.00	41.250	308.697	7.539	-5.206	19.604	3.192	8.633	42.459	25.203	4.1033	4.52940	0.00065	42.0393	159.999
0.3447	1241	42.0393	23.373	37.00	41.250	308.900	7.544	-5.206	19.606	3.192	8.632	42.445	25.211	4.1047	4.52764	0.00065	42.0399	160.084
0.3450	1242	42.0399	23.373	37.00	41.250	309.102	7.549	-5.206	19.609	3.193	8.632	42.431	25.219	4.1060	4.52588	0.00065	42.0405	160.169
0.3453	1243	42.0405	23.374	37.00	41.250	309.304	7.554	-5.206	19.611	3.193	8.631	42.417	25.227	4.1074	4.52412	0.00065	42.0412	160.254
0.3456	1244	42.0412	23.375	37.00	41.250	309.506	7.559	-5.206	19.614	3.193	8.631	42.403	25.236	4.1087	4.52237	0.00065	42.0418	160.339
0.3458	1245	42.0418	23.375	37.00	41.250	309.708	7.564	-5.206	19.616	3.194	8.631	42.389	25.244	4.1101	4.52061	0.00065	42.0425	160.424
0.3461	1246	42.0425	23.376	37.00	41.250	309.910	7.569	-5.206	19.619	3.194	8.630	42.375	25.252	4.1114	4.51885	0.00065	42.0431	160.509
0.3464	1247	42.0431	23.377	37.00	41.250	310.112	7.574	-5.206	19.621	3.195	8.630	42.362	25.260	4.1127	4.51710	0.00065	42.0438	160.594
0.3467	1248	42.0438	23.377	37.00	41.250	310.314	7.578	-5.206	19.624	3.195	8.629	42.348	25.269	4.1141	4.51534	0.00065	42.0444	160.679
0.3469	1249	42.0444	23.378	37.00	41.250	310.516	7.583	-5.206	19.626	3.195	8.629	42.334	25.277	4.1154	4.51359	0.00064	42.0451	160.764
0.3472	1250	42.0451	23.378	37.00	41.250	310.718	7.588	-5.206	19.629	3.196	8.629	42.320	25.285	4.1168	4.51183	0.00064	42.0457	160.849
0.3475	1251	42.0457	23.379	37.00	41.250	310.920	7.593	-5.206	19.631	3.196	8.628	42.306	25.294	4.1181	4.51008	0.00064	42.0464	160.933
0.3478	1252	42.0464	23.380	37.00	41.250	311.122	7.598	-5.206	19.634	3.197	8.628	42.292	25.302	4.1195	4.50833	0.00064	42.0470	161.018
0.3481	1253	42.0470	23.380	37.00	41.250	311.324	7.603	-5.206	19.636	3.197	8.627	42.279	25.310	4.1208	4.50658	0.00064	42.0476	161.103
0.3483	1254	42.0476	23.381	37.00	41.250	311.526	7.608	-5.206	19.639	3.197	8.627	42.265	25.318	4.1222	4.50482	0.00064	42.0483	161.188
0.3486	1255	42.0483	23.382	37.00	41.250	311.728	7.613	-5.206	19.641	3.198	8.627	42.251	25.327	4.1235	4.50307	0.00064	42.0489	161.272
0.3489	1256	42.0489	23.382	37.00	41.250	311.930	7.618	-5.206	19.644	3.198	8.626	42.237	25.335	4.1248	4.50132	0.00064	42.0496	161.357
0.3492	1257	42.0496	23.383	37.00	41.250	312.132	7.623	-5.206	19.646	3.199	8.626	42.224	25.343	4.1262	4.49957	0.00064	42.0502	161.441
0.3494	1258	42.0502	23.384	37.00	41.250	312.334	7.628	-5.206	19.649	3.199	8.625	42.210	25.351	4.1275	4.49783	0.00064	42.0509	161.526
0.3497	1259	42.0509	23.384	37.00	41.250	312.536	7.633	-5.206	19.651	3.199	8.625	42.196	25.360	4.1289	4.49608	0.00064	42.0515	161.611
0.3500	1260	42.0515	23.385	37.00	41.250	312.738	7.638	-5.206	19.654	3.200	8.625	42.182	25.368	4.1302	4.49433	0.00064	42.0521	161.695
0.3503	1261	42.0521	23.386	37.00	41.250	312.940	7.643	-5.206	19.656	3.200	8.624	42.169	25.376	4.1315	4.49259	0.00064	42.0528	161.780

0.3506	1262	42.0528	23.386	37.00	41.250	313.142	7.648	-5.206	19.659	3.201	8.624	42.155	25.384	4.1329	4.49084	0.00064	42.0534	161.864
0.3508	1263	42.0534	23.387	37.00	41.250	313.344	7.652	-5.206	19.661	3.201	8.623	42.141	25.392	4.1342	4.48909	0.00064	42.0541	161.948
0.3511	1264	42.0541	23.387	37.00	41.250	313.546	7.657	-5.206	19.664	3.202	8.623	42.128	25.401	4.1356	4.48735	0.00064	42.0547	162.033
0.3514	1265	42.0547	23.388	37.00	41.250	313.748	7.662	-5.206	19.666	3.202	8.623	42.114	25.409	4.1369	4.48561	0.00064	42.0553	162.117
0.3517	1266	42.0553	23.389	37.00	41.250	313.950	7.667	-5.206	19.669	3.202	8.622	42.101	25.417	4.1382	4.48386	0.00064	42.0560	162.201
0.3519	1267	42.0560	23.389	37.00	41.250	314.152	7.672	-5.206	19.671	3.203	8.622	42.087	25.425	4.1396	4.48212	0.00064	42.0566	162.286
0.3522	1268	42.0566	23.390	37.00	41.250	314.354	7.677	-5.206	19.674	3.203	8.621	42.073	25.433	4.1409	4.48038	0.00064	42.0573	162.370
0.3525	1269	42.0573	23.391	37.00	41.250	314.556	7.682	-5.206	19.676	3.204	8.621	42.060	25.442	4.1422	4.47864	0.00064	42.0579	162.454
0.3528	1270	42.0579	23.391	37.00	41.250	314.758	7.687	-5.206	19.679	3.204	8.620	42.046	25.450	4.1436	4.47690	0.00064	42.0585	162.538
0.3531	1271	42.0585	23.392	37.00	41.250	314.960	7.692	-5.206	19.681	3.204	8.620	42.033	25.458	4.1449	4.47516	0.00064	42.0592	162.622
0.3533	1272	42.0592	23.393	37.00	41.250	315.162	7.697	-5.206	19.684	3.205	8.620	42.019	25.466	4.1463	4.47342	0.00064	42.0598	162.707
0.3536	1273	42.0598	23.393	37.00	41.250	315.364	7.702	-5.206	19.686	3.205	8.619	42.006	25.474	4.1476	4.47168	0.00064	42.0605	162.791
0.3539	1274	42.0605	23.394	37.00	41.250	315.567	7.707	-5.206	19.689	3.206	8.619	41.992	25.483	4.1489	4.46994	0.00064	42.0611	162.875
0.3542	1275	42.0611	23.394	37.00	41.250	315.769	7.712	-5.206	19.691	3.206	8.618	41.979	25.491	4.1502	4.46821	0.00064	42.0617	162.959
0.3544	1276	42.0617	23.395	37.00	41.250	315.971	7.717	-5.206	19.694	3.206	8.618	41.965	25.499	4.1516	4.46647	0.00064	42.0624	163.043
0.3547	1277	42.0624	23.396	37.00	41.250	316.173	7.722	-5.206	19.696	3.207	8.618	41.952	25.507	4.1529	4.46473	0.00064	42.0630	163.127
0.3550	1278	42.0630	23.396	37.00	41.250	316.375	7.727	-5.206	19.699	3.207	8.617	41.938	25.515	4.1542	4.46300	0.00064	42.0637	163.210
0.3553	1279	42.0637	23.397	37.00	41.250	316.577	7.731	-5.206	19.701	3.208	8.617	41.925	25.524	4.1556	4.46127	0.00064	42.0643	163.294
0.3556	1280	42.0643	23.398	37.00	41.250	316.779	7.736	-5.206	19.703	3.208	8.616	41.912	25.532	4.1569	4.45953	0.00064	42.0649	163.378
0.3558	1281	42.0649	23.398	37.00	41.250	316.981	7.741	-5.206	19.706	3.208	8.616	41.898	25.540	4.1582	4.45780	0.00064	42.0656	163.462
0.3561	1282	42.0656	23.399	37.00	41.250	317.183	7.746	-5.206	19.708	3.209	8.616	41.885	25.548	4.1596	4.45607	0.00064	42.0662	163.546
0.3564	1283	42.0662	23.400	37.00	41.250	317.385	7.751	-5.206	19.711	3.209	8.615	41.871	25.556	4.1609	4.45434	0.00064	42.0668	163.630
0.3567	1284	42.0668	23.400	37.00	41.250	317.587	7.756	-5.206	19.713	3.210	8.615	41.858	25.564	4.1622	4.45260	0.00064	42.0675	163.713
0.3569	1285	42.0675	23.401	37.00	41.250	317.789	7.761	-5.206	19.716	3.210	8.614	41.845	25.572	4.1635	4.45087	0.00064	42.0681	163.797
0.3572	1286	42.0681	23.401	37.00	41.250	317.991	7.766	-5.206	19.718	3.210	8.614	41.831	25.581	4.1649	4.44915	0.00064	42.0687	163.881
0.3575	1287	42.0687	23.402	37.00	41.250	318.193	7.771	-5.206	19.721	3.211	8.614	41.818	25.589	4.1662	4.44742	0.00064	42.0694	163.964
0.3578	1288	42.0694	23.403	37.00	41.250	318.395	7.776	-5.206	19.723	3.211	8.613	41.805	25.597	4.1675	4.44569	0.00064	42.0700	164.048
0.3581	1289	42.0700	23.403	37.00	41.250	318.597	7.781	-5.206	19.726	3.212	8.613	41.791	25.605	4.1688	4.44396	0.00063	42.0707	164.131
0.3583	1290	42.0707	23.404	37.00	41.250	318.799	7.786	-5.206	19.728	3.212	8.612	41.778	25.613	4.1702	4.44223	0.00063	42.0713	164.215
0.3586	1291	42.0713	23.405	37.00	41.250	319.001	7.791	-5.206	19.731	3.212	8.612	41.765	25.621	4.1715	4.44051	0.00063	42.0719	164.298
0.3589	1292	42.0719	23.405	37.00	41.250	319.203	7.796	-5.206	19.733	3.213	8.612	41.752	25.629	4.1728	4.43878	0.00063	42.0726	164.382
0.3592	1293	42.0726	23.406	37.00	41.250	319.405	7.801	-5.206	19.736	3.213	8.611	41.738	25.638	4.1741	4.43706	0.00063	42.0732	164.465
0.3594	1294	42.0732	23.407	37.00	41.250	319.607	7.805	-5.206	19.738	3.214	8.611	41.725	25.646	4.1755	4.43533	0.00063	42.0738	164.549
0.3597	1295	42.0738	23.407	37.00	41.250	319.809	7.810	-5.206	19.741	3.214	8.610	41.712	25.654	4.1768	4.43361	0.00063	42.0745	164.632
0.3600	1296	42.0745	23.408	37.00	41.250	320.011	7.815	-5.206	19.743	3.214	8.610	41.699	25.662	4.1781	4.43189	0.00063	42.0751	164.715
0.3603	1297	42.0751	23.408	37.00	41.250	320.213	7.820	-5.206	19.746	3.215	8.610	41.686	25.670	4.1794	4.43016	0.00063	42.0757	164.799
0.3606	1298	42.0757	23.409	37.00	41.250	320.415	7.825	-5.206	19.748	3.215	8.609	41.672	25.678	4.1808	4.42844	0.00063	42.0764	164.882
0.3608	1299	42.0764	23.410	37.00	41.250	320.617	7.830	-5.206	19.750	3.216	8.609	41.659	25.686	4.1821	4.42672	0.00063	42.0770	164.965
0.3611	1300	42.0770	23.410	37.00	41.250	320.819	7.835	-5.206	19.753	3.216	8.608	41.646	25.694	4.1834	4.42500	0.00063	42.0776	165.048
0.3614	1301	42.0776	23.411	37.00	41.250	321.021	7.840	-5.206	19.755	3.216	8.608	41.633	25.703	4.1847	4.42328	0.00063	42.0783	165.131
0.3617	1302	42.0783	23.412	37.00	41.250	321.223	7.845	-5.206	19.758	3.217	8.608	41.620	25.711	4.1860	4.42156	0.00063	42.0789	165.215
0.3619	1303	42.0789	23.412	37.00	41.250	321.425	7.850	-5.206	19.760	3.217	8.607	41.607	25.719	4.1873	4.41985	0.00063	42.0795	165.298
0.3622	1304	42.0795	23.413	37.00	41.250	321.627	7.855	-5.206	19.763	3.218	8.607	41.594	25.727	4.1887	4.41813	0.00063	42.0801	165.381
0.3625	1305	42.0801	23.414	37.00	41.250	321.829	7.860	-5.206	19.765	3.218	8.606	41.581	25.735	4.1900	4.41641	0.00063	42.0808	165.464
0.3628	1306	42.0808	23.414	37.00	41.250	322.031	7.865	-5.206	19.768	3.218	8.606	41.568	25.743	4.1913	4.41470	0.00063	42.0814	165.547
0.3631	1307	42.0814	23.415	37.00	41.250	322.233	7.870	-5.206	19.770	3.219	8.606	41.555	25.751	4.1926	4.41298	0.00063	42.0820	165.630
0.3633	1308	42.0820	23.415	37.00	41.250	322.436	7.875	-5.206	19.773	3.219	8.605	41.542	25.759	4.1939	4.41127	0.00063	42.0827	165.713
0.3636	1309	42.0827	23.416	37.00	41.250	322.638	7.879	-5.206	19.775	3.220	8.605	41.528	25.767	4.1952	4.40955	0.00063	42.0833	165.796
0.3639	1310	42.0833	23.417	37.00	41.250	322.840	7.884	-5.206	19.777	3.220	8.604	41.515	25.775	4.1966	4.40784	0.00063	42.0839	165.879
0.3642	1311	42.0839	23.417	37.00	41.250	323.042	7.889	-5.206	19.780	3.220	8.604	41.502	25.783	4.1979	4.40613	0.00063	42.0846	165.961
0.3644	1312	42.0846	23.418	37.00	41.250	323.244	7.894	-5.206	19.782	3.221	8.604	41.490	25.791	4.1992	4.40441	0.00063	42.0852	166.044
0.3647	1313	42.0852	23.419	37.00	41.250	323.446	7.899	-5.206	19.785	3.221	8.603	41.477	25.799	4.2005	4.40270	0.00063	42.0858	166.127
0.3650	1314	42.0858	23.419	37.00	41.250	323.648	7.904	-5.206	19.787	3.222	8.603	41.464	25.808	4.2018	4.40099	0.00063	42.0864	166.210
0.3653	1315	42.0864	23.420	37.00	41.250	323.850	7.909	-5.206	19.790	3.222	8.602	41.451	25.816	4.2031	4.39928	0.00063	42.0871	166.292
0.3656	1316	42.0871	23.420	37.00	41.250	324.052	7.914	-5.206	19.792	3.222	8.602	41.438	25.824	4.2044	4.39757	0.00063	42.0877	166.375
0.3658	1317	42.0877	23.421	37.00	41.250	324.254	7.919	-5.206	19.795	3.223	8.602	41.425	25.832	4.2057	4.39586	0.00063	42.0883	166.458
0.3661	1318	42.0883	23.422	37.00	41.250	324.456	7.924	-5.206	19.797	3.223	8.601	41.412	25.840	4.2071	4.39415	0.00063	42.0890	166.540
0.3664	1319	42.0890	23.422	37.00	41.250	324.658	7.929	-5.206	19.799	3.224	8.601	41.399	25.848	4.2084	4.39245	0.00063	42.0896	166.623
0.3667	1320	42.0896	23.423	37.00	41.250	324.860	7.934	-5.206	19.802	3.224	8.600	41.386	25.856	4.2097	4.39074	0.00063	42.0902	166.705
0.3669	1321	42.0902	23.424	37.00	41.250	325.062	7.939	-5.206	19.804	3.224	8.600	41.373	25.864	4.2110	4.38903	0.00063	42.0908	166.788
0.3672	1322	42.0908	23.424	37.00	41.250	325.264	7.944	-5.206	19.807	3.225	8.600	41.360	25.872	4.2123	4.38733	0.00063	42.0915	166.870
0.3675	1323	42.0915	23.425	37.00	41.250	325.466	7.949	-5.206	19.809	3.225	8.599	41.348	25.880	4.2136	4.38562	0.00063	42.0921	166.953
0.3678	1324	42.0921	23.425	37.00	41.250	325.668	7.953	-5.206	19.812	3.226	8.599	41.335	25.888	4.2149	4.38392	0.00063	42.0927	167.035
0.3681	1325	42.0927	23.426	37.00	41.250	325.870	7.958	-5.206	19.814	3.226	8.598	41.322	25.896	4.2162	4.38222	0.00063	42.0933	167.118
0.3683	1326	42.0933	23.427	37.00	41.250	326.072	7.963	-5.206	19.817	3.226	8.598	41.309	25.904	4.2175	4.38051	0.00063	42.0940	167.200
0.3686	1327	42.0940	23.427	37.00	41.250	326.274	7.968	-5.206	19.819	3.227	8.598	41.296	25.912	4.2188	4.37881	0.00063	42.0946	167.282
0.3689	1328	42.0946	23.428	37.00	41.250	326.476	7.973	-5.206	19.821	3.227	8.597	41.284	25.920	4.2201	4.37711	0.00063	42.0952	167.365
0.3692	1329	42.0952	23.429	37.00	41.250	326.678	7.978	-5.206	19.824	3.228	8.597	41.271	25.928	4.2214	4.37541	0.00063	42.0958	167.447
0.3694	1330	42.0958	23.429	37.00	41.250	326.880	7.983	-5.206	19.826	3.228	8.596	41.258	25.936	4.2227	4.37371	0.00062	42.0965	167.529
0.3697	1331	42.0965	23.430	37.00	41.250	327.082	7.988	-5.206	19.829	3.228	8.596	41.245	25.944	4.2240	4.37201	0.00062	42.0971	167.611
0.3700	1332	42.0971	23.430	37.00	41.250	327.284	7.993	-5.206	19.831	3.229	8.596	41.233	25.952	4.2253	4.37031	0.00062	42.0977	167.694
0.3703	1333	42.0977	23.431	37.00	41.250	327.486	7.998	-5.206	19.834	3.229	8.595	41.220	25.960	4.2267	4.36861	0.00062	42.0983	167.776
0.3706	1334	42.0983	23.432	37.00	41.250	327.688	8.003	-5.206	19.836	3.230	8.595	41.207	25.968	4.2280	4.36691	0.00062	42.0990	167.858
0.3708	1335	42.0990	23.432	37.00	41.250	327.890	8.008	-5.206	19.838	3.230	8.594	41.195	25.976	4.2293	4.36522	0.00062	42.0996	167.940
0.3711	1336	42.0996	23.433	37.00	41.250	328.092	8.013	-5.206	19.841	3.230	8.594	41.182	25.984	4.2306	4.36352	0.00062	42.1002	168.022
0.3714	1337	42.1002	23.434	37.00	41.250	328.294	8.018	-5.206	19.843	3.231	8.594	41.169	25.992	4.2319	4.36183	0.00062	42.1008	168.104
0.3717	1338	42.1008	23.434	37.00	41.250	328.496	8.023	-5.206	19.846	3.231	8.593	41.157	26.000	4.2332	4.36013	0.00062	42.1015	168.186
0.3719	1339	42.1015	23.435	37.00	41.250	328.698	8.027	-5.206	19.848	3.232	8.593	41.144	26.008	4.2345	4.35844	0.00062	42.1021	168.268
0.3722	1340	42.1021	23.435	37.00	41.250	328.900	8.032	-5.206	19.851	3.232	8.592	41.131	26.016	4.2358	4.35674	0.00062	42.1027	168.350
0.3725	1341	42.1027	23.436	37.00	41.250	329.103	8.037	-5.206	19.853	3.232	8.592	41.119	26.024	4.2371	4.35505	0.00062	42.1033	168.432
0.3728	1342	42.1033	23.437	37.00	41.250	329.305	8.042	-5.206	19.855	3.233	8.592	41.106	26.032	4.2384	4.35336	0.00062	42.1039	168.514

0.3731	1343	42.1039	23.437	37.00	41.250	329.507	8.047	-5.206	19.858	3.233	8.591	41.094	26.040	4.2396	4.35167	0.00062	42.1046	168.595
0.3733	1344	42.1046	23.438	37.00	41.250	329.709	8.052	-5.206	19.860	3.234	8.591	41.081	26.048	4.2409	4.34997	0.00062	42.1052	168.677
0.3736	1345	42.1052	23.439	37.00	41.250	329.911	8.057	-5.206	19.863	3.234	8.591	41.068	26.056	4.2422	4.34828	0.00062	42.1058	168.759
0.3739	1346	42.1058	23.439	37.00	41.250	330.113	8.062	-5.206	19.865	3.234	8.590	41.056	26.064	4.2435	4.34659	0.00062	42.1064	168.841
0.3742	1347	42.1064	23.440	37.00	41.250	330.315	8.067	-5.206	19.867	3.235	8.590	41.043	26.072	4.2448	4.34491	0.00062	42.1071	168.922
0.3744	1348	42.1071	23.440	37.00	41.250	330.517	8.072	-5.206	19.870	3.235	8.589	41.031	26.080	4.2461	4.34322	0.00062	42.1077	169.004
0.3747	1349	42.1077	23.441	37.00	41.250	330.719	8.077	-5.206	19.872	3.235	8.589	41.018	26.088	4.2474	4.34153	0.00062	42.1083	169.086
0.3750	1350	42.1083	23.442	37.00	41.250	330.921	8.082	-5.206	19.875	3.236	8.589	41.006	26.096	4.2487	4.33984	0.00062	42.1089	169.167
0.3753	1351	42.1089	23.442	37.00	41.250	331.123	8.087	-5.206	19.877	3.236	8.588	40.993	26.104	4.2500	4.33816	0.00062	42.1095	169.249
0.3756	1352	42.1095	23.443	37.00	41.250	331.325	8.092	-5.206	19.880	3.237	8.588	40.981	26.112	4.2513	4.33647	0.00062	42.1102	169.330
0.3758	1353	42.1102	23.444	37.00	41.250	331.527	8.097	-5.206	19.882	3.237	8.587	40.968	26.119	4.2526	4.33479	0.00062	42.1108	169.412
0.3761	1354	42.1108	23.444	37.00	41.250	331.729	8.101	-5.206	19.884	3.237	8.587	40.956	26.127	4.2539	4.33310	0.00062	42.1114	169.493
0.3764	1355	42.1114	23.445	37.00	41.250	331.931	8.106	-5.206	19.887	3.238	8.587	40.944	26.135	4.2552	4.33142	0.00062	42.1120	169.575
0.3767	1356	42.1120	23.445	37.00	41.250	332.133	8.111	-5.206	19.889	3.238	8.586	40.931	26.143	4.2565	4.32973	0.00062	42.1126	169.656
0.3769	1357	42.1126	23.446	37.00	41.250	332.335	8.116	-5.206	19.892	3.239	8.586	40.919	26.151	4.2578	4.32805	0.00062	42.1132	169.737
0.3772	1358	42.1132	23.447	37.00	41.250	332.537	8.121	-5.206	19.894	3.239	8.585	40.906	26.159	4.2591	4.32637	0.00062	42.1139	169.819
0.3775	1359	42.1139	23.447	37.00	41.250	332.739	8.126	-5.206	19.896	3.239	8.585	40.894	26.167	4.2603	4.32469	0.00062	42.1145	169.900
0.3778	1360	42.1145	23.448	37.00	41.250	332.941	8.131	-5.206	19.899	3.240	8.585	40.882	26.175	4.2616	4.32301	0.00062	42.1151	169.981
0.3781	1361	42.1151	23.448	37.00	41.250	333.143	8.136	-5.206	19.901	3.240	8.584	40.869	26.183	4.2629	4.32133	0.00062	42.1157	170.063
0.3783	1362	42.1157	23.449	37.00	41.250	333.345	8.141	-5.206	19.904	3.241	8.584	40.857	26.191	4.2642	4.31965	0.00062	42.1163	170.144
0.3786	1363	42.1163	23.450	37.00	41.250	333.547	8.146	-5.206	19.906	3.241	8.583	40.845	26.199	4.2655	4.31797	0.00062	42.1170	170.225
0.3789	1364	42.1170	23.450	37.00	41.250	333.749	8.151	-5.206	19.908	3.241	8.583	40.832	26.207	4.2668	4.31629	0.00062	42.1176	170.306
0.3792	1365	42.1176	23.451	37.00	41.250	333.951	8.156	-5.206	19.911	3.242	8.583	40.820	26.214	4.2681	4.31462	0.00062	42.1182	170.387
0.3794	1366	42.1182	23.452	37.00	41.250	334.153	8.161	-5.206	19.913	3.242	8.582	40.808	26.222	4.2694	4.31294	0.00062	42.1188	170.468
0.3797	1367	42.1188	23.452	37.00	41.250	334.355	8.166	-5.206	19.916	3.243	8.582	40.795	26.230	4.2706	4.31126	0.00062	42.1194	170.550
0.3800	1368	42.1194	23.453	37.00	41.250	334.557	8.171	-5.206	19.918	3.243	8.582	40.783	26.238	4.2719	4.30959	0.00062	42.1200	170.631
0.3803	1369	42.1200	23.453	37.00	41.250	334.759	8.175	-5.206	19.920	3.243	8.581	40.771	26.246	4.2732	4.30791	0.00062	42.1206	170.712
0.3806	1370	42.1206	23.454	37.00	41.250	334.961	8.180	-5.206	19.923	3.244	8.581	40.759	26.254	4.2745	4.30624	0.00062	42.1213	170.792
0.3808	1371	42.1213	23.455	37.00	41.250	335.163	8.185	-5.206	19.925	3.244	8.580	40.746	26.262	4.2758	4.30457	0.00061	42.1219	170.873
0.3811	1372	42.1219	23.455	37.00	41.250	335.365	8.190	-5.206	19.928	3.244	8.580	40.734	26.270	4.2771	4.30289	0.00061	42.1225	170.954
0.3814	1373	42.1225	23.456	37.00	41.250	335.567	8.195	-5.206	19.930	3.245	8.580	40.722	26.278	4.2783	4.30122	0.00061	42.1231	171.035
0.3817	1374	42.1231	23.456	37.00	41.250	335.769	8.200	-5.206	19.932	3.245	8.579	40.710	26.285	4.2796	4.29955	0.00061	42.1237	171.116
0.3819	1375	42.1237	23.457	37.00	41.250	335.972	8.205	-5.206	19.935	3.246	8.579	40.697	26.293	4.2809	4.29788	0.00061	42.1243	171.197
0.3822	1376	42.1243	23.458	37.00	41.250	336.174	8.210	-5.206	19.937	3.246	8.578	40.685	26.301	4.2822	4.29621	0.00061	42.1249	171.278
0.3825	1377	42.1249	23.458	37.00	41.250	336.376	8.215	-5.206	19.939	3.246	8.578	40.673	26.309	4.2835	4.29454	0.00061	42.1256	171.358
0.3828	1378	42.1256	23.459	37.00	41.250	336.578	8.220	-5.206	19.942	3.247	8.578	40.661	26.317	4.2848	4.29287	0.00061	42.1262	171.439
0.3831	1379	42.1262	23.460	37.00	41.250	336.780	8.225	-5.206	19.944	3.247	8.577	40.649	26.325	4.2860	4.29120	0.00061	42.1268	171.520
0.3833	1380	42.1268	23.460	37.00	41.250	336.982	8.230	-5.206	19.947	3.248	8.577	40.637	26.333	4.2873	4.28954	0.00061	42.1274	171.600
0.3836	1381	42.1274	23.461	37.00	41.250	337.184	8.235	-5.206	19.949	3.248	8.576	40.625	26.341	4.2886	4.28787	0.00061	42.1280	171.681
0.3839	1382	42.1280	23.461	37.00	41.250	337.386	8.240	-5.206	19.951	3.248	8.576	40.612	26.348	4.2899	4.28620	0.00061	42.1286	171.762
0.3842	1383	42.1286	23.462	37.00	41.250	337.588	8.245	-5.206	19.954	3.249	8.576	40.600	26.356	4.2911	4.28454	0.00061	42.1292	171.842
0.3844	1384	42.1292	23.463	37.00	41.250	337.790	8.250	-5.206	19.956	3.249	8.575	40.588	26.364	4.2924	4.28287	0.00061	42.1299	171.923
0.3847	1385	42.1299	23.463	37.00	41.250	337.992	8.254	-5.206	19.959	3.250	8.575	40.576	26.372	4.2937	4.28121	0.00061	42.1305	172.003
0.3850	1386	42.1305	23.464	37.00	41.250	338.194	8.259	-5.206	19.961	3.250	8.575	40.564	26.380	4.2950	4.27954	0.00061	42.1311	172.084
0.3853	1387	42.1311	23.464	37.00	41.250	338.396	8.264	-5.206	19.963	3.250	8.574	40.552	26.388	4.2963	4.27788	0.00061	42.1317	172.164
0.3856	1388	42.1317	23.465	37.00	41.250	338.598	8.269	-5.206	19.966	3.251	8.574	40.540	26.395	4.2975	4.27622	0.00061	42.1323	172.244
0.3858	1389	42.1323	23.466	37.00	41.250	338.800	8.274	-5.206	19.968	3.251	8.573	40.528	26.403	4.2988	4.27456	0.00061	42.1329	172.325
0.3861	1390	42.1329	23.466	37.00	41.250	339.002	8.279	-5.206	19.970	3.251	8.573	40.516	26.411	4.3001	4.27290	0.00061	42.1335	172.405
0.3864	1391	42.1335	23.467	37.00	41.250	339.204	8.284	-5.206	19.973	3.252	8.573	40.504	26.419	4.3013	4.27124	0.00061	42.1341	172.485
0.3867	1392	42.1341	23.468	37.00	41.250	339.406	8.289	-5.206	19.975	3.252	8.572	40.492	26.427	4.3026	4.26958	0.00061	42.1347	172.566
0.3869	1393	42.1347	23.468	37.00	41.250	339.608	8.294	-5.206	19.978	3.253	8.572	40.480	26.435	4.3039	4.26792	0.00061	42.1353	172.646
0.3872	1394	42.1353	23.469	37.00	41.250	339.810	8.299	-5.206	19.980	3.253	8.571	40.468	26.442	4.3052	4.26626	0.00061	42.1360	172.726
0.3875	1395	42.1360	23.469	37.00	41.250	340.012	8.304	-5.206	19.982	3.253	8.571	40.456	26.450	4.3064	4.26460	0.00061	42.1366	172.806
0.3878	1396	42.1366	23.470	37.00	41.250	340.214	8.309	-5.206	19.985	3.254	8.571	40.444	26.458	4.3077	4.26294	0.00061	42.1372	172.887
0.3881	1397	42.1372	23.471	37.00	41.250	340.416	8.314	-5.206	19.987	3.254	8.570	40.432	26.466	4.3090	4.26129	0.00061	42.1378	172.967
0.3883	1398	42.1378	23.471	37.00	41.250	340.618	8.319	-5.206	19.989	3.255	8.570	40.420	26.474	4.3103	4.25963	0.00061	42.1384	173.047
0.3886	1399	42.1384	23.472	37.00	41.250	340.820	8.324	-5.206	19.992	3.255	8.569	40.409	26.481	4.3115	4.25798	0.00061	42.1390	173.127
0.3889	1400	42.1390	23.472	37.00	41.250	341.022	8.328	-5.206	19.994	3.255	8.569	40.397	26.489	4.3128	4.25632	0.00061	42.1396	173.207
0.3892	1401	42.1396	23.473	37.00	41.250	341.224	8.333	-5.206	19.997	3.256	8.569	40.385	26.497	4.3141	4.25467	0.00061	42.1402	173.287
0.3894	1402	42.1402	23.474	37.00	41.250	341.426	8.338	-5.206	19.999	3.256	8.568	40.373	26.505	4.3153	4.25302	0.00061	42.1408	173.367
0.3897	1403	42.1408	23.474	37.00	41.250	341.628	8.343	-5.206	20.001	3.256	8.568	40.361	26.513	4.3166	4.25136	0.00061	42.1414	173.447
0.3900	1404	42.1414	23.475	37.00	41.250	341.830	8.348	-5.206	20.004	3.257	8.568	40.349	26.520	4.3179	4.24971	0.00061	42.1420	173.527
0.3903	1405	42.1420	23.475	37.00	41.250	342.032	8.353	-5.206	20.006	3.257	8.567	40.337	26.528	4.3191	4.24806	0.00061	42.1426	173.606
0.3906	1406	42.1426	23.476	37.00	41.250	342.234	8.358	-5.206	20.008	3.258	8.567	40.326	26.536	4.3204	4.24641	0.00061	42.1433	173.686
0.3908	1407	42.1433	23.477	37.00	41.250	342.436	8.363	-5.206	20.011	3.258	8.566	40.314	26.544	4.3217	4.24476	0.00061	42.1439	173.766
0.3911	1408	42.1439	23.477	37.00	41.250	342.639	8.368	-5.206	20.013	3.258	8.566	40.302	26.551	4.3229	4.24311	0.00061	42.1445	173.846
0.3914	1409	42.1445	23.478	37.00	41.250	342.841	8.373	-5.206	20.015	3.259	8.566	40.290	26.559	4.3242	4.24146	0.00061	42.1451	173.926
0.3917	1410	42.1451	23.478	37.00	41.250	343.043	8.378	-5.206	20.018	3.259	8.565	40.278	26.567	4.3255	4.23981	0.00061	42.1457	174.005
0.3919	1411	42.1457	23.479	37.00	41.250	343.245	8.383	-5.206	20.020	3.260	8.565	40.267	26.575	4.3267	4.23816	0.00061	42.1463	174.085
0.3922	1412	42.1463	23.480	37.00	41.250	343.447	8.388	-5.206	20.022	3.260	8.564	40.255	26.582	4.3280	4.23652	0.00061	42.1469	174.165
0.3925	1413	42.1469	23.480	37.00	41.250	343.649	8.393	-5.206	20.025	3.260	8.564	40.243	26.590	4.3292	4.23487	0.00060	42.1475	174.244
0.3928	1414	42.1475	23.481	37.00	41.250	343.851	8.398	-5.206	20.027	3.261	8.564	40.231	26.598	4.3305	4.23323	0.00060	42.1481	174.324
0.3931	1415	42.1481	23.481	37.00	41.250	344.053	8.402	-5.206	20.030	3.261	8.563	40.220	26.606	4.3318	4.23158	0.00060	42.1487	174.403
0.3933	1416	42.1487	23.482	37.00	41.250	344.255	8.407	-5.206	20.032	3.261	8.563	40.208	26.613	4.3330	4.22994	0.00060	42.1493	174.483
0.3936	1417	42.1493	23.483	37.00	41.250	344.457	8.412	-5.206	20.034	3.262	8.563	40.196	26.621	4.3343	4.22829	0.00060	42.1499	174.563
0.3939	1418	42.1499	23.483	37.00	41.250	344.659	8.417	-5.206	20.037	3.262	8.562	40.185	26.629	4.3356	4.22665	0.00060	42.1505	174.642
0.3942	1419	42.1505	23.484	37.00	41.250	344.861	8.422	-5.206	20.039	3.263	8.562	40.173	26.637	4.3368	4.22501	0.00060	42.1511	174.721
0.3944	1420	42.1511	23.485	37.00	41.250	345.063	8.427	-5.206	20.041	3.263	8.561	40.161	26.644	4.3381	4.22337	0.00060	42.1517	174.801
0.3947	1421	42.1517	23.485	37.00	41.250	345.265	8.432	-5.206	20.044	3.263	8.561	40.150	26.652	4.3393	4.22172	0.00060	42.1523	174.880
0.3950	1422	42.1523	23.486	37.00	41.250	345.467	8.437	-5.206	20.046	3.264	8.561	40.138	26.660	4.3406	4.22008	0.00060	42.1529	174.960
0.3953	1423	42.1529	23.486	37.00	41.250	345.669	8.442	-5.206	20.048	3.264	8.560	40.126	26.668	4.3418	4.21844	0.00060	42.1535	175.039

0.3956	1424	42.1535	23.487	37.00	41.250	345.871	8.447	-5.206	20.051	3.265	8.560	40.115	26.675	4.3431	4.21681	0.00060	42.1541	175.118
0.3958	1425	42.1541	23.488	37.00	41.250	346.073	8.452	-5.206	20.053	3.265	8.560	40.103	26.683	4.3444	4.21517	0.00060	42.1547	175.197
0.3961	1426	42.1547	23.488	37.00	41.250	346.275	8.457	-5.206	20.055	3.265	8.559	40.091	26.691	4.3456	4.21353	0.00060	42.1553	175.277
0.3964	1427	42.1553	23.489	37.00	41.250	346.477	8.462	-5.206	20.058	3.266	8.559	40.080	26.698	4.3469	4.21189	0.00060	42.1559	175.356
0.3967	1428	42.1559	23.489	37.00	41.250	346.679	8.467	-5.206	20.060	3.266	8.558	40.068	26.706	4.3481	4.21025	0.00060	42.1565	175.435
0.3969	1429	42.1565	23.490	37.00	41.250	346.881	8.472	-5.206	20.062	3.266	8.558	40.057	26.714	4.3494	4.20862	0.00060	42.1571	175.514
0.3972	1430	42.1571	23.491	37.00	41.250	347.083	8.476	-5.206	20.065	3.267	8.558	40.045	26.722	4.3506	4.20698	0.00060	42.1577	175.593
0.3975	1431	42.1577	23.491	37.00	41.250	347.285	8.481	-5.206	20.067	3.267	8.557	40.034	26.729	4.3519	4.20535	0.00060	42.1583	175.672
0.3978	1432	42.1583	23.492	37.00	41.250	347.487	8.486	-5.206	20.069	3.268	8.557	40.022	26.737	4.3531	4.20371	0.00060	42.1589	175.751
0.3981	1433	42.1589	23.492	37.00	41.250	347.689	8.491	-5.206	20.072	3.268	8.556	40.011	26.745	4.3544	4.20208	0.00060	42.1595	175.830
0.3983	1434	42.1595	23.493	37.00	41.250	347.891	8.496	-5.206	20.074	3.268	8.556	39.999	26.752	4.3557	4.20045	0.00060	42.1601	175.909
0.3986	1435	42.1601	23.494	37.00	41.250	348.093	8.501	-5.206	20.076	3.269	8.556	39.988	26.760	4.3569	4.19882	0.00060	42.1607	175.988
0.3989	1436	42.1607	23.494	37.00	41.250	348.295	8.506	-5.206	20.079	3.269	8.555	39.976	26.768	4.3582	4.19718	0.00060	42.1613	176.067
0.3992	1437	42.1613	23.495	37.00	41.250	348.497	8.511	-5.206	20.081	3.269	8.555	39.965	26.775	4.3594	4.19555	0.00060	42.1619	176.146
0.3994	1438	42.1619	23.495	37.00	41.250	348.699	8.516	-5.206	20.083	3.270	8.555	39.953	26.783	4.3607	4.19392	0.00060	42.1625	176.225
0.3997	1439	42.1625	23.496	37.00	41.250	348.901	8.521	-5.206	20.086	3.270	8.554	39.942	26.791	4.3619	4.19229	0.00060	42.1631	176.304
0.4000	1440	42.1631	23.497	37.00	41.250	349.103	8.526	-5.206	20.088	3.271	8.554	39.930	26.799	4.3632	4.19066	0.00060	42.1637	176.382
0.4003	1441	42.1637	23.497	37.00	41.250	349.306	8.531	-5.206	20.090	3.271	8.553	39.919	26.806	4.3644	4.18904	0.00060	42.1643	176.461
0.4006	1442	42.1643	23.498	37.00	41.250	349.508	8.536	-5.206	20.093	3.271	8.553	39.907	26.814	4.3657	4.18741	0.00060	42.1649	176.540
0.4008	1443	42.1649	23.498	37.00	41.250	349.710	8.541	-5.206	20.095	3.272	8.553	39.896	26.822	4.3669	4.18578	0.00060	42.1655	176.619
0.4011	1444	42.1655	23.499	37.00	41.250	349.912	8.546	-5.206	20.097	3.272	8.552	39.885	26.829	4.3682	4.18415	0.00060	42.1661	176.697
0.4014	1445	42.1661	23.500	37.00	41.250	350.114	8.550	-5.206	20.100	3.273	8.552	39.873	26.837	4.3694	4.18253	0.00060	42.1667	176.776
0.4017	1446	42.1667	23.500	37.00	41.250	350.316	8.555	-5.206	20.102	3.273	8.552	39.862	26.845	4.3706	4.18090	0.00060	42.1673	176.855
0.4019	1447	42.1673	23.501	37.00	41.250	350.518	8.560	-5.206	20.104	3.273	8.551	39.851	26.852	4.3719	4.17928	0.00060	42.1679	176.933
0.4022	1448	42.1679	23.501	37.00	41.250	350.720	8.565	-5.206	20.107	3.274	8.551	39.839	26.860	4.3731	4.17766	0.00060	42.1685	177.012
0.4025	1449	42.1685	23.502	37.00	41.250	350.922	8.570	-5.206	20.109	3.274	8.550	39.828	26.867	4.3744	4.17603	0.00060	42.1691	177.090
0.4028	1450	42.1691	23.503	37.00	41.250	351.124	8.575	-5.206	20.111	3.274	8.550	39.817	26.875	4.3756	4.17441	0.00060	42.1697	177.169
0.4031	1451	42.1697	23.503	37.00	41.250	351.326	8.580	-5.206	20.114	3.275	8.550	39.805	26.883	4.3769	4.17279	0.00060	42.1703	177.247
0.4033	1452	42.1703	23.504	37.00	41.250	351.528	8.585	-5.206	20.116	3.275	8.549	39.794	26.890	4.3781	4.17117	0.00060	42.1709	177.326
0.4036	1453	42.1709	23.504	37.00	41.250	351.730	8.590	-5.206	20.118	3.276	8.549	39.783	26.898	4.3794	4.16954	0.00060	42.1715	177.404
0.4039	1454	42.1715	23.505	37.00	41.250	351.932	8.595	-5.206	20.121	3.276	8.549	39.771	26.906	4.3806	4.16792	0.00060	42.1721	177.482
0.4042	1455	42.1721	23.505	37.00	41.250	352.134	8.600	-5.206	20.123	3.276	8.548	39.760	26.913	4.3818	4.16630	0.00060	42.1727	177.561
0.4044	1456	42.1727	23.506	37.00	41.250	352.336	8.605	-5.206	20.125	3.277	8.548	39.749	26.921	4.3831	4.16469	0.00059	42.1733	177.639
0.4047	1457	42.1733	23.507	37.00	41.250	352.538	8.610	-5.206	20.128	3.277	8.547	39.737	26.929	4.3843	4.16307	0.00059	42.1739	177.717
0.4050	1458	42.1739	23.507	37.00	41.250	352.740	8.615	-5.206	20.130	3.277	8.547	39.726	26.936	4.3856	4.16145	0.00059	42.1745	177.796
0.4053	1459	42.1745	23.508	37.00	41.250	352.942	8.620	-5.206	20.132	3.278	8.547	39.715	26.944	4.3868	4.15983	0.00059	42.1751	177.874
0.4056	1460	42.1751	23.508	37.00	41.250	353.144	8.624	-5.206	20.134	3.278	8.546	39.704	26.951	4.3880	4.15822	0.00059	42.1757	177.952
0.4058	1461	42.1757	23.509	37.00	41.250	353.346	8.629	-5.206	20.137	3.279	8.546	39.693	26.959	4.3893	4.15660	0.00059	42.1763	178.030
0.4061	1462	42.1763	23.510	37.00	41.250	353.548	8.634	-5.206	20.139	3.279	8.546	39.681	26.967	4.3905	4.15499	0.00059	42.1768	178.108
0.4064	1463	42.1768	23.510	37.00	41.250	353.750	8.639	-5.206	20.141	3.279	8.545	39.670	26.974	4.3918	4.15337	0.00059	42.1774	178.186
0.4067	1464	42.1774	23.511	37.00	41.250	353.952	8.644	-5.206	20.144	3.280	8.545	39.659	26.982	4.3930	4.15176	0.00059	42.1780	178.264
0.4069	1465	42.1780	23.511	37.00	41.250	354.154	8.649	-5.206	20.146	3.280	8.544	39.648	26.989	4.3942	4.15014	0.00059	42.1786	178.342
0.4072	1466	42.1786	23.512	37.00	41.250	354.356	8.654	-5.206	20.148	3.280	8.544	39.637	26.997	4.3955	4.14853	0.00059	42.1792	178.420
0.4075	1467	42.1792	23.513	37.00	41.250	354.558	8.659	-5.206	20.151	3.281	8.544	39.626	27.005	4.3967	4.14692	0.00059	42.1798	178.498
0.4078	1468	42.1798	23.513	37.00	41.250	354.760	8.664	-5.206	20.153	3.281	8.543	39.614	27.012	4.3980	4.14531	0.00059	42.1804	178.576
0.4081	1469	42.1804	23.514	37.00	41.250	354.962	8.669	-5.206	20.155	3.282	8.543	39.603	27.020	4.3992	4.14370	0.00059	42.1810	178.654
0.4083	1470	42.1810	23.514	37.00	41.250	355.164	8.674	-5.206	20.158	3.282	8.543	39.592	27.027	4.4004	4.14209	0.00059	42.1816	178.732
0.4086	1471	42.1816	23.515	37.00	41.250	355.366	8.679	-5.206	20.160	3.282	8.542	39.581	27.035	4.4017	4.14048	0.00059	42.1822	178.810
0.4089	1472	42.1822	23.516	37.00	41.250	355.568	8.684	-5.206	20.162	3.283	8.542	39.570	27.043	4.4029	4.13887	0.00059	42.1828	178.888
0.4092	1473	42.1828	23.516	37.00	41.250	355.770	8.689	-5.206	20.164	3.283	8.541	39.559	27.050	4.4041	4.13726	0.00059	42.1834	178.965
0.4094	1474	42.1834	23.517	37.00	41.250	355.972	8.694	-5.206	20.167	3.283	8.541	39.548	27.058	4.4054	4.13565	0.00059	42.1840	179.043
0.4097	1475	42.1840	23.517	37.00	41.250	356.175	8.698	-5.206	20.169	3.284	8.541	39.537	27.065	4.4066	4.13405	0.00059	42.1845	179.121
0.4100	1476	42.1845	23.518	37.00	41.250	356.377	8.703	-5.206	20.171	3.284	8.540	39.526	27.073	4.4078	4.13244	0.00059	42.1851	179.199
0.4103	1477	42.1851	23.519	37.00	41.250	356.579	8.708	-5.206	20.174	3.285	8.540	39.515	27.080	4.4091	4.13083	0.00059	42.1857	179.276
0.4106	1478	42.1857	23.519	37.00	41.250	356.781	8.713	-5.206	20.176	3.285	8.540	39.504	27.088	4.4103	4.12923	0.00059	42.1863	179.354
0.4108	1479	42.1863	23.520	37.00	41.250	356.983	8.718	-5.206	20.178	3.285	8.539	39.493	27.096	4.4115	4.12762	0.00059	42.1869	179.432
0.4111	1480	42.1869	23.520	37.00	41.250	357.185	8.723	-5.206	20.181	3.286	8.539	39.482	27.103	4.4127	4.12602	0.00059	42.1875	179.509
0.4114	1481	42.1875	23.521	37.00	41.250	357.387	8.728	-5.206	20.183	3.286	8.538	39.471	27.111	4.4140	4.12442	0.00059	42.1881	179.587
0.4117	1482	42.1881	23.521	37.00	41.250	357.589	8.733	-5.206	20.185	3.286	8.538	39.460	27.118	4.4152	4.12281	0.00059	42.1887	179.664
0.4119	1483	42.1887	23.522	37.00	41.250	357.791	8.738	-5.206	20.187	3.287	8.538	39.449	27.126	4.4164	4.12121	0.00059	42.1893	179.742
0.4122	1484	42.1893	23.523	37.00	41.250	357.993	8.743	-5.206	20.190	3.287	8.537	39.438	27.133	4.4177	4.11961	0.00059	42.1898	179.819
0.4125	1485	42.1898	23.523	37.00	41.250	358.195	8.748	-5.206	20.192	3.288	8.537	39.427	27.141	4.4189	4.11801	0.00059	42.1904	179.897
0.4128	1486	42.1904	23.524	37.00	41.250	358.397	8.753	-5.206	20.194	3.288	8.537	39.416	27.148	4.4201	4.11641	0.00059	42.1910	179.974
0.4131	1487	42.1910	23.524	37.00	41.250	358.599	8.758	-5.206	20.197	3.288	8.536	39.405	27.156	4.4213	4.11481	0.00059	42.1916	180.051
0.4133	1488	42.1916	23.525	37.00	41.250	358.801	8.763	-5.206	20.199	3.289	8.536	39.394	27.163	4.4226	4.11321	0.00059	42.1922	180.129
0.4136	1489	42.1922	23.526	37.00	41.250	359.003	8.768	-5.206	20.201	3.289	8.535	39.383	27.171	4.4238	4.11161	0.00059	42.1928	180.206
0.4139	1490	42.1928	23.526	37.00	41.250	359.205	8.773	-5.206	20.203	3.289	8.535	39.372	27.179	4.4250	4.11001	0.00059	42.1934	180.283
0.4142	1491	42.1934	23.527	37.00	41.250	359.407	8.777	-5.206	20.206	3.290	8.535	39.361	27.186	4.4262	4.10842	0.00059	42.1940	180.361
0.4144	1492	42.1940	23.527	37.00	41.250	359.609	8.782	-5.206	20.208	3.290	8.534	39.350	27.194	4.4275	4.10682	0.00059	42.1945	180.438
0.4147	1493	42.1945	23.528	37.00	41.250	359.811	8.787	-5.206	20.210	3.291	8.534	39.339	27.201	4.4287	4.10523	0.00059	42.1951	180.515
0.4150	1494	42.1951	23.529	37.00	41.250	360.013	8.792	-5.206	20.213	3.291	8.534	39.328	27.209	4.4299	4.10363	0.00059	42.1957	180.592
0.4153	1495	42.1957	23.529	37.00	41.250	360.215	8.797	-5.206	20.215	3.291	8.533	39.318	27.216	4.4311	4.10204	0.00059	42.1963	180.669
0.4156	1496	42.1963	23.530	37.00	41.250	360.417	8.802	-5.206	20.217	3.292	8.533	39.307	27.224	4.4324	4.10044	0.00059	42.1969	180.746
0.4158	1497	42.1969	23.530	37.00	41.250	360.619	8.807	-5.206	20.219	3.292	8.532	39.296	27.231	4.4336	4.09885	0.00059	42.1975	180.823
0.4161	1498	42.1975	23.531	37.00	41.250	360.821	8.812	-5.206	20.222	3.292	8.532	39.285	27.239	4.4348	4.09726	0.00059	42.1981	180.900
0.4164	1499	42.1981	23.531	37.00	41.250	361.023	8.817	-5.206	20.224	3.293	8.532	39.274	27.246	4.4360	4.09566	0.00059	42.1986	180.977
0.4167	1500	42.1986	23.532	37.00	41.250	361.225	8.822	-5.206	20.226	3.293	8.531	39.264	27.254	4.4373	4.09407	0.00058	42.1992	181.054
0.4169	1501	42.1992	23.533	37.00	41.250	361.427	8.827	-5.206	20.229	3.293	8.531	39.253	27.261	4.4385	4.09248	0.00058	42.1998	181.131
0.4172	1502	42.1998	23.533	37.00	41.250	361.629	8.832	-5.206	20.231	3.294	8.531	39.242	27.269	4.4397	4.09089	0.00058	42.2004	181.208
0.4175	1503	42.2004	23.534	37.00	41.250	361.831	8.837	-5.206	20.233	3.294	8.530	39.231	27.276	4.4409	4.08930	0.00058	42.2010	181.285
0.4178	1504	42.2010	23.534	37.00	41.250	362.033	8.842	-5.206	20.235	3.295	8.530	39.220	27.284	4.4421	4.08771	0.00058	42.2016	181.362

0.4181	1505	42.2016	23.535	37.00	41.250	362.235	8.847	-5.206	20.238	3.295	8.529	39.210	27.291	4.4434	4.08612	0.00058	42.2022	181.439
0.4183	1506	42.2022	23.536	37.00	41.250	362.437	8.851	-5.206	20.240	3.295	8.529	39.199	27.299	4.4446	4.08454	0.00058	42.2027	181.516
0.4186	1507	42.2027	23.536	37.00	41.250	362.639	8.856	-5.206	20.242	3.296	8.529	39.188	27.306	4.4458	4.08295	0.00058	42.2033	181.592
0.4189	1508	42.2033	23.537	37.00	41.250	362.842	8.861	-5.206	20.244	3.296	8.528	39.177	27.314	4.4470	4.08136	0.00058	42.2039	181.669
0.4192	1509	42.2039	23.537	37.00	41.250	363.044	8.866	-5.206	20.247	3.296	8.528	39.167	27.321	4.4482	4.07978	0.00058	42.2045	181.746
0.4194	1510	42.2045	23.538	37.00	41.250	363.246	8.871	-5.206	20.249	3.297	8.528	39.156	27.328	4.4494	4.07819	0.00058	42.2051	181.822
0.4197	1511	42.2051	23.538	37.00	41.250	363.448	8.876	-5.206	20.251	3.297	8.527	39.145	27.336	4.4507	4.07661	0.00058	42.2057	181.899
0.4200	1512	42.2057	23.539	37.00	41.250	363.650	8.881	-5.206	20.253	3.298	8.527	39.135	27.343	4.4519	4.07502	0.00058	42.2062	181.976
0.4203	1513	42.2062	23.540	37.00	41.250	363.852	8.886	-5.206	20.256	3.298	8.527	39.124	27.351	4.4531	4.07344	0.00058	42.2068	182.052
0.4206	1514	42.2068	23.540	37.00	41.250	364.054	8.891	-5.206	20.258	3.298	8.526	39.113	27.358	4.4543	4.07186	0.00058	42.2074	182.129
0.4208	1515	42.2074	23.541	37.00	41.250	364.256	8.896	-5.206	20.260	3.299	8.526	39.103	27.366	4.4555	4.07027	0.00058	42.2080	182.205
0.4211	1516	42.2080	23.541	37.00	41.250	364.458	8.901	-5.206	20.263	3.299	8.525	39.092	27.373	4.4567	4.06869	0.00058	42.2086	182.282
0.4214	1517	42.2086	23.542	37.00	41.250	364.660	8.906	-5.206	20.265	3.299	8.525	39.081	27.381	4.4579	4.06711	0.00058	42.2091	182.358
0.4217	1518	42.2091	23.543	37.00	41.250	364.862	8.911	-5.206	20.267	3.300	8.525	39.071	27.388	4.4591	4.06553	0.00058	42.2097	182.435
0.4219	1519	42.2097	23.543	37.00	41.250	365.064	8.916	-5.206	20.269	3.300	8.524	39.060	27.396	4.4604	4.06395	0.00058	42.2103	182.511
0.4222	1520	42.2103	23.544	37.00	41.250	365.266	8.921	-5.206	20.272	3.300	8.524	39.050	27.403	4.4616	4.06237	0.00058	42.2109	182.588
0.4225	1521	42.2109	23.544	37.00	41.250	365.468	8.925	-5.206	20.274	3.301	8.524	39.039	27.410	4.4628	4.06079	0.00058	42.2115	182.664
0.4228	1522	42.2115	23.545	37.00	41.250	365.670	8.930	-5.206	20.276	3.301	8.523	39.028	27.418	4.4640	4.05922	0.00058	42.2120	182.740
0.4231	1523	42.2120	23.545	37.00	41.250	365.872	8.935	-5.206	20.278	3.302	8.523	39.018	27.425	4.4652	4.05764	0.00058	42.2126	182.817
0.4233	1524	42.2126	23.546	37.00	41.250	366.074	8.940	-5.206	20.281	3.302	8.522	39.007	27.433	4.4664	4.05606	0.00058	42.2132	182.893
0.4236	1525	42.2132	23.547	37.00	41.250	366.276	8.945	-5.206	20.283	3.302	8.522	38.997	27.440	4.4676	4.05449	0.00058	42.2138	182.969
0.4239	1526	42.2138	23.547	37.00	41.250	366.478	8.950	-5.206	20.285	3.303	8.522	38.986	27.448	4.4688	4.05291	0.00058	42.2144	183.045
0.4242	1527	42.2144	23.548	37.00	41.250	366.680	8.955	-5.206	20.287	3.303	8.521	38.976	27.455	4.4700	4.05134	0.00058	42.2149	183.121
0.4244	1528	42.2149	23.548	37.00	41.250	366.882	8.960	-5.206	20.290	3.303	8.521	38.965	27.462	4.4712	4.04976	0.00058	42.2155	183.198
0.4247	1529	42.2155	23.549	37.00	41.250	367.084	8.965	-5.206	20.292	3.304	8.521	38.954	27.470	4.4725	4.04819	0.00058	42.2161	183.274
0.4250	1530	42.2161	23.549	37.00	41.250	367.286	8.970	-5.206	20.294	3.304	8.520	38.944	27.477	4.4737	4.04661	0.00058	42.2167	183.350
0.4253	1531	42.2167	23.550	37.00	41.250	367.488	8.975	-5.206	20.296	3.305	8.520	38.933	27.485	4.4749	4.04504	0.00058	42.2173	183.426
0.4256	1532	42.2173	23.551	37.00	41.250	367.690	8.980	-5.206	20.299	3.305	8.520	38.923	27.492	4.4761	4.04347	0.00058	42.2178	183.502
0.4258	1533	42.2178	23.551	37.00	41.250	367.892	8.985	-5.206	20.301	3.305	8.519	38.913	27.499	4.4773	4.04190	0.00058	42.2184	183.578
0.4261	1534	42.2184	23.552	37.00	41.250	368.094	8.990	-5.206	20.303	3.306	8.519	38.902	27.507	4.4785	4.04033	0.00058	42.2190	183.654
0.4264	1535	42.2190	23.552	37.00	41.250	368.296	8.995	-5.206	20.305	3.306	8.518	38.892	27.514	4.4797	4.03876	0.00058	42.2196	183.730
0.4267	1536	42.2196	23.553	37.00	41.250	368.498	8.999	-5.206	20.308	3.306	8.518	38.881	27.522	4.4809	4.03719	0.00058	42.2201	183.806
0.4269	1537	42.2201	23.554	37.00	41.250	368.700	9.004	-5.206	20.310	3.307	8.518	38.871	27.529	4.4821	4.03562	0.00058	42.2207	183.882
0.4272	1538	42.2207	23.554	37.00	41.250	368.902	9.009	-5.206	20.312	3.307	8.517	38.860	27.536	4.4833	4.03405	0.00058	42.2213	183.957
0.4275	1539	42.2213	23.555	37.00	41.250	369.104	9.014	-5.206	20.314	3.307	8.517	38.850	27.544	4.4845	4.03248	0.00058	42.2219	184.033
0.4278	1540	42.2219	23.555	37.00	41.250	369.306	9.019	-5.206	20.317	3.308	8.517	38.839	27.551	4.4857	4.03092	0.00058	42.2224	184.109
0.4281	1541	42.2224	23.556	37.00	41.250	369.508	9.024	-5.206	20.319	3.308	8.516	38.829	27.559	4.4869	4.02935	0.00058	42.2230	184.185
0.4283	1542	42.2230	23.556	37.00	41.250	369.711	9.029	-5.206	20.321	3.309	8.516	38.819	27.566	4.4881	4.02779	0.00058	42.2236	184.260
0.4286	1543	42.2236	23.557	37.00	41.250	369.913	9.034	-5.206	20.323	3.309	8.516	38.808	27.573	4.4893	4.02622	0.00058	42.2242	184.336
0.4289	1544	42.2242	23.558	37.00	41.250	370.115	9.039	-5.206	20.326	3.309	8.515	38.798	27.581	4.4905	4.02466	0.00057	42.2247	184.412
0.4292	1545	42.2247	23.558	37.00	41.250	370.317	9.044	-5.206	20.328	3.310	8.515	38.788	27.588	4.4917	4.02309	0.00057	42.2253	184.487
0.4294	1546	42.2253	23.559	37.00	41.250	370.519	9.049	-5.206	20.330	3.310	8.514	38.777	27.595	4.4929	4.02153	0.00057	42.2259	184.563
0.4297	1547	42.2259	23.559	37.00	41.250	370.721	9.054	-5.206	20.332	3.310	8.514	38.767	27.603	4.4941	4.01997	0.00057	42.2265	184.639
0.4300	1548	42.2265	23.560	37.00	41.250	370.923	9.059	-5.206	20.334	3.311	8.514	38.757	27.610	4.4953	4.01840	0.00057	42.2270	184.714
0.4303	1549	42.2270	23.560	37.00	41.250	371.125	9.064	-5.206	20.337	3.311	8.513	38.746	27.617	4.4965	4.01684	0.00057	42.2276	184.790
0.4306	1550	42.2276	23.561	37.00	41.250	371.327	9.069	-5.206	20.339	3.311	8.513	38.736	27.625	4.4977	4.01528	0.00057	42.2282	184.865
0.4308	1551	42.2282	23.562	37.00	41.250	371.529	9.073	-5.206	20.341	3.312	8.513	38.726	27.632	4.4989	4.01372	0.00057	42.2288	184.941
0.4311	1552	42.2288	23.562	37.00	41.250	371.731	9.078	-5.206	20.343	3.312	8.512	38.715	27.640	4.5001	4.01216	0.00057	42.2293	185.016
0.4314	1553	42.2293	23.563	37.00	41.250	371.933	9.083	-5.206	20.346	3.313	8.512	38.705	27.647	4.5013	4.01060	0.00057	42.2299	185.092
0.4317	1554	42.2299	23.563	37.00	41.250	372.135	9.088	-5.206	20.348	3.313	8.512	38.695	27.654	4.5025	4.00904	0.00057	42.2305	185.167
0.4319	1555	42.2305	23.564	37.00	41.250	372.337	9.093	-5.206	20.350	3.313	8.511	38.684	27.662	4.5037	4.00749	0.00057	42.2311	185.242
0.4322	1556	42.2311	23.564	37.00	41.250	372.539	9.098	-5.206	20.352	3.314	8.511	38.674	27.669	4.5049	4.00593	0.00057	42.2316	185.318
0.4325	1557	42.2316	23.565	37.00	41.250	372.741	9.103	-5.206	20.355	3.314	8.510	38.664	27.676	4.5061	4.00437	0.00057	42.2322	185.393
0.4328	1558	42.2322	23.566	37.00	41.250	372.943	9.108	-5.206	20.357	3.314	8.510	38.654	27.684	4.5073	4.00282	0.00057	42.2328	185.468
0.4331	1559	42.2328	23.566	37.00	41.250	373.145	9.113	-5.206	20.359	3.315	8.510	38.643	27.691	4.5085	4.00126	0.00057	42.2333	185.543
0.4333	1560	42.2333	23.567	37.00	41.250	373.347	9.118	-5.206	20.361	3.315	8.509	38.633	27.698	4.5096	3.99971	0.00057	42.2339	185.619
0.4336	1561	42.2339	23.567	37.00	41.250	373.549	9.123	-5.206	20.363	3.315	8.509	38.623	27.706	4.5108	3.99815	0.00057	42.2345	185.694
0.4339	1562	42.2345	23.568	37.00	41.250	373.751	9.128	-5.206	20.366	3.316	8.509	38.613	27.713	4.5120	3.99660	0.00057	42.2351	185.769
0.4342	1563	42.2351	23.568	37.00	41.250	373.953	9.133	-5.206	20.368	3.316	8.508	38.603	27.720	4.5132	3.99505	0.00057	42.2356	185.844
0.4344	1564	42.2356	23.569	37.00	41.250	374.155	9.138	-5.206	20.370	3.317	8.508	38.592	27.728	4.5144	3.99349	0.00057	42.2362	185.919
0.4347	1565	42.2362	23.570	37.00	41.250	374.357	9.143	-5.206	20.372	3.317	8.508	38.582	27.735	4.5156	3.99194	0.00057	42.2368	185.994
0.4350	1566	42.2368	23.570	37.00	41.250	374.559	9.147	-5.206	20.375	3.317	8.507	38.572	27.742	4.5168	3.99039	0.00057	42.2373	186.069
0.4353	1567	42.2373	23.571	37.00	41.250	374.761	9.152	-5.206	20.377	3.318	8.507	38.562	27.749	4.5180	3.98884	0.00057	42.2379	186.144
0.4356	1568	42.2379	23.571	37.00	41.250	374.963	9.157	-5.206	20.379	3.318	8.506	38.552	27.757	4.5192	3.98729	0.00057	42.2385	186.219
0.4358	1569	42.2385	23.572	37.00	41.250	375.165	9.162	-5.206	20.381	3.318	8.506	38.542	27.764	4.5204	3.98574	0.00057	42.2390	186.294
0.4361	1570	42.2390	23.572	37.00	41.250	375.367	9.167	-5.206	20.383	3.319	8.506	38.532	27.771	4.5215	3.98419	0.00057	42.2396	186.369
0.4364	1571	42.2396	23.573	37.00	41.250	375.569	9.172	-5.206	20.386	3.319	8.505	38.521	27.779	4.5227	3.98264	0.00057	42.2402	186.444
0.4367	1572	42.2402	23.574	37.00	41.250	375.771	9.177	-5.206	20.388	3.319	8.505	38.511	27.786	4.5239	3.98110	0.00057	42.2408	186.519
0.4369	1573	42.2408	23.574	37.00	41.250	375.973	9.182	-5.206	20.390	3.320	8.505	38.501	27.793	4.5251	3.97955	0.00057	42.2413	186.593
0.4372	1574	42.2413	23.575	37.00	41.250	376.175	9.187	-5.206	20.392	3.320	8.504	38.491	27.800	4.5263	3.97800	0.00057	42.2419	186.668
0.4375	1575	42.2419	23.575	37.00	41.250	376.378	9.192	-5.206	20.394	3.320	8.504	38.481	27.808	4.5275	3.97646	0.00057	42.2425	186.743
0.4378	1576	42.2425	23.576	37.00	41.250	376.580	9.197	-5.206	20.397	3.321	8.504	38.471	27.815	4.5287	3.97491	0.00057	42.2430	186.818
0.4381	1577	42.2430	23.576	37.00	41.250	376.782	9.202	-5.206	20.399	3.321	8.503	38.461	27.822	4.5298	3.97337	0.00057	42.2436	186.892
0.4383	1578	42.2436	23.577	37.00	41.250	376.984	9.207	-5.206	20.401	3.322	8.503	38.451	27.830	4.5310	3.97182	0.00057	42.2442	186.967
0.4386	1579	42.2442	23.578	37.00	41.250	377.186	9.212	-5.206	20.403	3.322	8.502	38.441	27.837	4.5322	3.97028	0.00057	42.2447	187.042
0.4389	1580	42.2447	23.578	37.00	41.250	377.388	9.217	-5.206	20.406	3.322	8.502	38.431	27.844	4.5334	3.96874	0.00057	42.2453	187.116
0.4392	1581	42.2453	23.579	37.00	41.250	377.590	9.221	-5.206	20.408	3.323	8.502	38.421	27.851	4.5346	3.96719	0.00057	42.2459	187.191
0.4394	1582	42.2459	23.579	37.00	41.250	377.792	9.226	-5.206	20.410	3.323	8.501	38.411	27.859	4.5358	3.96565	0.00057	42.2464	187.266
0.4397	1583	42.2464	23.580	37.00	41.250	377.994	9.231	-5.206	20.412	3.323	8.501	38.401	27.866	4.5369	3.96411	0.00057	42.2470	187.340
0.4400	1584	42.2470	23.580	37.00	41.250	378.196	9.236	-5.206	20.414	3.324	8.501	38.391	27.873	4.5381	3.96257	0.00057	42.2476	187.415
0.4403	1585	42.2476	23.581	37.00	41.250	378.398	9.241	-5.206	20.417	3.324	8.500	38.381	27.880	4.5393	3.96103	0.00057	42.2481	187.489

0.4406	1586	42.2481	23.582	37.00	41.250	378.600	9.246	-5.206	20.419	3.324	8.500	38.371	27.888	4.5405	3.95949	0.00057	42.2487	187.564
0.4408	1587	42.2487	23.582	37.00	41.250	378.802	9.251	-5.206	20.421	3.325	8.500	38.361	27.895	4.5417	3.95795	0.00057	42.2493	187.638
0.4411	1588	42.2493	23.583	37.00	41.250	379.004	9.256	-5.206	20.423	3.325	8.499	38.351	27.902	4.5429	3.95642	0.00057	42.2498	187.712
0.4414	1589	42.2498	23.583	37.00	41.250	379.206	9.261	-5.206	20.425	3.326	8.499	38.341	27.909	4.5440	3.95488	0.00056	42.2504	187.787
0.4417	1590	42.2504	23.584	37.00	41.250	379.408	9.266	-5.206	20.428	3.326	8.499	38.331	27.917	4.5452	3.95334	0.00056	42.2510	187.861
0.4419	1591	42.2510	23.584	37.00	41.250	379.610	9.271	-5.206	20.430	3.326	8.498	38.321	27.924	4.5464	3.95181	0.00056	42.2515	187.935
0.4422	1592	42.2515	23.585	37.00	41.250	379.812	9.276	-5.206	20.432	3.327	8.498	38.311	27.931	4.5476	3.95027	0.00056	42.2521	188.010
0.4425	1593	42.2521	23.585	37.00	41.250	380.014	9.281	-5.206	20.434	3.327	8.497	38.301	27.938	4.5487	3.94874	0.00056	42.2526	188.084
0.4428	1594	42.2526	23.586	37.00	41.250	380.216	9.286	-5.206	20.436	3.327	8.497	38.291	27.946	4.5499	3.94720	0.00056	42.2532	188.158
0.4431	1595	42.2532	23.587	37.00	41.250	380.418	9.291	-5.206	20.439	3.328	8.497	38.281	27.953	4.5511	3.94567	0.00056	42.2538	188.232
0.4433	1596	42.2538	23.587	37.00	41.250	380.620	9.296	-5.206	20.441	3.328	8.496	38.271	27.960	4.5523	3.94413	0.00056	42.2543	188.306
0.4436	1597	42.2543	23.588	37.00	41.250	380.822	9.300	-5.206	20.443	3.328	8.496	38.262	27.967	4.5534	3.94260	0.00056	42.2549	188.381
0.4439	1598	42.2549	23.588	37.00	41.250	381.024	9.305	-5.206	20.445	3.329	8.496	38.252	27.975	4.5546	3.94107	0.00056	42.2555	188.455
0.4442	1599	42.2555	23.589	37.00	41.250	381.226	9.310	-5.206	20.447	3.329	8.495	38.242	27.982	4.5558	3.93954	0.00056	42.2560	188.529
0.4444	1600	42.2560	23.589	37.00	41.250	381.428	9.315	-5.206	20.449	3.329	8.495	38.232	27.989	4.5570	3.93801	0.00056	42.2566	188.603
0.4447	1601	42.2566	23.590	37.00	41.250	381.630	9.320	-5.206	20.452	3.330	8.495	38.222	27.996	4.5581	3.93648	0.00056	42.2572	188.677
0.4450	1602	42.2572	23.591	37.00	41.250	381.832	9.325	-5.206	20.454	3.330	8.494	38.212	28.003	4.5593	3.93495	0.00056	42.2577	188.751
0.4453	1603	42.2577	23.591	37.00	41.250	382.034	9.330	-5.206	20.456	3.331	8.494	38.202	28.011	4.5605	3.93342	0.00056	42.2583	188.825
0.4456	1604	42.2583	23.592	37.00	41.250	382.236	9.335	-5.206	20.458	3.331	8.494	38.193	28.018	4.5617	3.93189	0.00056	42.2588	188.899
0.4458	1605	42.2588	23.592	37.00	41.250	382.438	9.340	-5.206	20.460	3.331	8.493	38.183	28.025	4.5628	3.93036	0.00056	42.2594	188.973
0.4461	1606	42.2594	23.593	37.00	41.250	382.640	9.345	-5.206	20.463	3.332	8.493	38.173	28.032	4.5640	3.92883	0.00056	42.2600	189.046
0.4464	1607	42.2600	23.593	37.00	41.250	382.842	9.350	-5.206	20.465	3.332	8.492	38.163	28.039	4.5652	3.92731	0.00056	42.2605	189.120
0.4467	1608	42.2605	23.594	37.00	41.250	383.045	9.355	-5.206	20.467	3.332	8.492	38.153	28.047	4.5664	3.92578	0.00056	42.2611	189.194
0.4469	1609	42.2611	23.594	37.00	41.250	383.247	9.360	-5.206	20.469	3.333	8.492	38.144	28.054	4.5675	3.92426	0.00056	42.2616	189.268
0.4472	1610	42.2616	23.595	37.00	41.250	383.449	9.365	-5.206	20.471	3.333	8.491	38.134	28.061	4.5687	3.92273	0.00056	42.2622	189.342
0.4475	1611	42.2622	23.596	37.00	41.250	383.651	9.370	-5.206	20.474	3.333	8.491	38.124	28.068	4.5699	3.92121	0.00056	42.2628	189.415
0.4478	1612	42.2628	23.596	37.00	41.250	383.853	9.374	-5.206	20.476	3.334	8.491	38.114	28.075	4.5710	3.91968	0.00056	42.2633	189.489
0.4481	1613	42.2633	23.597	37.00	41.250	384.055	9.379	-5.206	20.478	3.334	8.490	38.105	28.082	4.5722	3.91816	0.00056	42.2639	189.563
0.4483	1614	42.2639	23.597	37.00	41.250	384.257	9.384	-5.206	20.480	3.334	8.490	38.095	28.090	4.5734	3.91664	0.00056	42.2644	189.636
0.4486	1615	42.2644	23.598	37.00	41.250	384.459	9.389	-5.206	20.482	3.335	8.490	38.085	28.097	4.5745	3.91512	0.00056	42.2650	189.710
0.4489	1616	42.2650	23.598	37.00	41.250	384.661	9.394	-5.206	20.484	3.335	8.489	38.076	28.104	4.5757	3.91359	0.00056	42.2656	189.783
0.4492	1617	42.2656	23.599	37.00	41.250	384.863	9.399	-5.206	20.487	3.335	8.489	38.066	28.111	4.5769	3.91207	0.00056	42.2661	189.857
0.4494	1618	42.2661	23.600	37.00	41.250	385.065	9.404	-5.206	20.489	3.336	8.489	38.056	28.118	4.5780	3.91055	0.00056	42.2667	189.931
0.4497	1619	42.2667	23.600	37.00	41.250	385.267	9.409	-5.206	20.491	3.336	8.488	38.046	28.125	4.5792	3.90903	0.00056	42.2672	190.004
0.4500	1620	42.2672	23.601	37.00	41.250	385.469	9.414	-5.206	20.493	3.337	8.488	38.037	28.133	4.5804	3.90752	0.00056	42.2678	190.078
0.4503	1621	42.2678	23.601	37.00	41.250	385.671	9.419	-5.206	20.495	3.337	8.488	38.027	28.140	4.5815	3.90600	0.00056	42.2684	190.151
0.4506	1622	42.2684	23.602	37.00	41.250	385.873	9.424	-5.206	20.497	3.337	8.487	38.017	28.147	4.5827	3.90448	0.00056	42.2689	190.224
0.4508	1623	42.2689	23.602	37.00	41.250	386.075	9.429	-5.206	20.500	3.338	8.487	38.008	28.154	4.5839	3.90296	0.00056	42.2695	190.298
0.4511	1624	42.2695	23.603	37.00	41.250	386.277	9.434	-5.206	20.502	3.338	8.486	37.998	28.161	4.5850	3.90145	0.00056	42.2700	190.371
0.4514	1625	42.2700	23.603	37.00	41.250	386.479	9.439	-5.206	20.504	3.338	8.486	37.988	28.168	4.5862	3.89993	0.00056	42.2706	190.444
0.4517	1626	42.2706	23.604	37.00	41.250	386.681	9.444	-5.206	20.506	3.339	8.486	37.979	28.175	4.5873	3.89841	0.00056	42.2711	190.518
0.4519	1627	42.2711	23.605	37.00	41.250	386.883	9.448	-5.206	20.508	3.339	8.485	37.969	28.183	4.5885	3.89690	0.00056	42.2717	190.591
0.4522	1628	42.2717	23.605	37.00	41.250	387.085	9.453	-5.206	20.510	3.339	8.485	37.960	28.190	4.5897	3.89538	0.00056	42.2723	190.664
0.4525	1629	42.2723	23.606	37.00	41.250	387.287	9.458	-5.206	20.513	3.340	8.485	37.950	28.197	4.5908	3.89387	0.00056	42.2728	190.737
0.4528	1630	42.2728	23.606	37.00	41.250	387.489	9.463	-5.206	20.515	3.340	8.484	37.940	28.204	4.5920	3.89236	0.00056	42.2734	190.811
0.4531	1631	42.2734	23.607	37.00	41.250	387.691	9.468	-5.206	20.517	3.340	8.484	37.931	28.211	4.5932	3.89085	0.00056	42.2739	190.884
0.4533	1632	42.2739	23.607	37.00	41.250	387.893	9.473	-5.206	20.519	3.341	8.484	37.921	28.218	4.5943	3.88933	0.00056	42.2745	190.957
0.4536	1633	42.2745	23.608	37.00	41.250	388.095	9.478	-5.206	20.521	3.341	8.483	37.912	28.225	4.5955	3.88782	0.00056	42.2750	191.030
0.4539	1634	42.2750	23.608	37.00	41.250	388.297	9.483	-5.206	20.523	3.341	8.483	37.902	28.233	4.5966	3.88631	0.00056	42.2756	191.103
0.4542	1635	42.2756	23.609	37.00	41.250	388.499	9.488	-5.206	20.526	3.342	8.483	37.893	28.240	4.5978	3.88480	0.00055	42.2761	191.176
0.4544	1636	42.2761	23.610	37.00	41.250	388.701	9.493	-5.206	20.528	3.342	8.482	37.883	28.247	4.5989	3.88329	0.00055	42.2767	191.249
0.4547	1637	42.2767	23.610	37.00	41.250	388.903	9.498	-5.206	20.530	3.343	8.482	37.874	28.254	4.6001	3.88178	0.00055	42.2773	191.322
0.4550	1638	42.2773	23.611	37.00	41.250	389.105	9.503	-5.206	20.532	3.343	8.482	37.864	28.261	4.6013	3.88027	0.00055	42.2778	191.395
0.4553	1639	42.2778	23.611	37.00	41.250	389.307	9.508	-5.206	20.534	3.343	8.481	37.854	28.268	4.6024	3.87877	0.00055	42.2784	191.468
0.4556	1640	42.2784	23.612	37.00	41.250	389.509	9.513	-5.206	20.536	3.344	8.481	37.845	28.275	4.6036	3.87726	0.00055	42.2789	191.541
0.4558	1641	42.2789	23.612	37.00	41.250	389.711	9.518	-5.206	20.539	3.344	8.480	37.835	28.282	4.6047	3.87575	0.00055	42.2795	191.614
0.4561	1642	42.2795	23.613	37.00	41.250	389.914	9.522	-5.206	20.541	3.344	8.480	37.826	28.289	4.6059	3.87425	0.00055	42.2800	191.687
0.4564	1643	42.2800	23.613	37.00	41.250	390.116	9.527	-5.206	20.543	3.345	8.480	37.817	28.296	4.6070	3.87274	0.00055	42.2806	191.759
0.4567	1644	42.2806	23.614	37.00	41.250	390.318	9.532	-5.206	20.545	3.345	8.479	37.807	28.304	4.6082	3.87124	0.00055	42.2811	191.832
0.4569	1645	42.2811	23.615	37.00	41.250	390.520	9.537	-5.206	20.547	3.345	8.479	37.798	28.311	4.6093	3.86973	0.00055	42.2817	191.905
0.4572	1646	42.2817	23.615	37.00	41.250	390.722	9.542	-5.206	20.549	3.346	8.479	37.788	28.318	4.6105	3.86823	0.00055	42.2822	191.978
0.4575	1647	42.2822	23.616	37.00	41.250	390.924	9.547	-5.206	20.551	3.346	8.478	37.779	28.325	4.6117	3.86673	0.00055	42.2828	192.050
0.4578	1648	42.2828	23.616	37.00	41.250	391.126	9.552	-5.206	20.554	3.346	8.478	37.769	28.332	4.6128	3.86522	0.00055	42.2833	192.123
0.4581	1649	42.2833	23.617	37.00	41.250	391.328	9.557	-5.206	20.556	3.347	8.478	37.760	28.339	4.6140	3.86372	0.00055	42.2839	192.196
0.4583	1650	42.2839	23.617	37.00	41.250	391.530	9.562	-5.206	20.558	3.347	8.477	37.750	28.346	4.6151	3.86222	0.00055	42.2844	192.268
0.4586	1651	42.2844	23.618	37.00	41.250	391.732	9.567	-5.206	20.560	3.347	8.477	37.741	28.353	4.6163	3.86072	0.00055	42.2850	192.341
0.4589	1652	42.2850	23.618	37.00	41.250	391.934	9.572	-5.206	20.562	3.348	8.477	37.732	28.360	4.6174	3.85922	0.00055	42.2855	192.413
0.4592	1653	42.2855	23.619	37.00	41.250	392.136	9.577	-5.206	20.564	3.348	8.476	37.722	28.367	4.6186	3.85772	0.00055	42.2861	192.486
0.4594	1654	42.2861	23.619	37.00	41.250	392.338	9.582	-5.206	20.566	3.348	8.476	37.713	28.374	4.6197	3.85622	0.00055	42.2866	192.559
0.4597	1655	42.2866	23.620	37.00	41.250	392.540	9.587	-5.206	20.569	3.349	8.476	37.703	28.381	4.6209	3.85472	0.00055	42.2872	192.631
0.4600	1656	42.2872	23.621	37.00	41.250	392.742	9.592	-5.206	20.571	3.349	8.475	37.694	28.388	4.6220	3.85322	0.00055	42.2877	192.703
0.4603	1657	42.2877	23.621	37.00	41.250	392.944	9.596	-5.206	20.573	3.350	8.475	37.685	28.395	4.6232	3.85173	0.00055	42.2883	192.776
0.4606	1658	42.2883	23.622	37.00	41.250	393.146	9.601	-5.206	20.575	3.350	8.475	37.675	28.403	4.6243	3.85023	0.00055	42.2888	192.848
0.4608	1659	42.2888	23.622	37.00	41.250	393.348	9.606	-5.206	20.577	3.350	8.474	37.666	28.410	4.6255	3.84873	0.00055	42.2894	192.921
0.4611	1660	42.2894	23.623	37.00	41.250	393.550	9.611	-5.206	20.579	3.351	8.474	37.657	28.417	4.6266	3.84724	0.00055	42.2899	192.993
0.4614	1661	42.2899	23.623	37.00	41.250	393.752	9.616	-5.206	20.581	3.351	8.473	37.647	28.424	4.6278	3.84574	0.00055	42.2905	193.065
0.4617	1662	42.2905	23.624	37.00	41.250	393.954	9.621	-5.206	20.584	3.351	8.473	37.638	28.431	4.6289	3.84425	0.00055	42.2910	193.138
0.4619	1663	42.2910	23.624	37.00	41.250	394.156	9.626	-5.206	20.586	3.352	8.473	37.629	28.438	4.6300	3.84276	0.00055	42.2916	193.210
0.4622	1664	42.2916	23.625	37.00	41.250	394.358	9.631	-5.206	20.588	3.352	8.472	37.619	28.445	4.6312	3.84126	0.00055	42.2921	193.282
0.4625	1665	42.2921	23.626	37.00	41.250	394.560	9.636	-5.206	20.590	3.352	8.472	37.610	28.452	4.6323	3.83977	0.00055	42.2927	193.354
0.4628	1666	42.2927	23.626	37.00	41.250	394.762	9.641	-5.206	20.592	3.353	8.472	37.601	28.459	4.6335	3.83828	0.00055	42.2932	193.426

0.4631	1667	42.2932	23.627	37.00	41.250	394.964	9.646	-5.206	20.594	3.353	8.471	37.591	28.466	4.6346	3.83679	0.00055	42.2938	193.498
0.4633	1668	42.2938	23.627	37.00	41.250	395.166	9.651	-5.206	20.596	3.353	8.471	37.582	28.473	4.6358	3.83530	0.00055	42.2943	193.571
0.4636	1669	42.2943	23.628	37.00	41.250	395.368	9.656	-5.206	20.599	3.354	8.471	37.573	28.480	4.6369	3.83380	0.00055	42.2949	193.643
0.4639	1670	42.2949	23.628	37.00	41.250	395.570	9.661	-5.206	20.601	3.354	8.470	37.564	28.487	4.6381	3.83232	0.00055	42.2954	193.715
0.4642	1671	42.2954	23.629	37.00	41.250	395.772	9.666	-5.206	20.603	3.354	8.470	37.554	28.494	4.6392	3.83083	0.00055	42.2960	193.787
0.4644	1672	42.2960	23.629	37.00	41.250	395.974	9.670	-5.206	20.605	3.355	8.470	37.545	28.501	4.6403	3.82934	0.00055	42.2965	193.859
0.4647	1673	42.2965	23.630	37.00	41.250	396.176	9.675	-5.206	20.607	3.355	8.469	37.536	28.508	4.6415	3.82785	0.00055	42.2971	193.931
0.4650	1674	42.2971	23.630	37.00	41.250	396.378	9.680	-5.206	20.609	3.355	8.469	37.527	28.515	4.6426	3.82636	0.00055	42.2976	194.003
0.4653	1675	42.2976	23.631	37.00	41.250	396.581	9.685	-5.206	20.611	3.356	8.469	37.517	28.522	4.6438	3.82488	0.00055	42.2982	194.075
0.4656	1676	42.2982	23.632	37.00	41.250	396.783	9.690	-5.206	20.613	3.356	8.468	37.508	28.529	4.6449	3.82339	0.00055	42.2987	194.146
0.4658	1677	42.2987	23.632	37.00	41.250	396.985	9.695	-5.206	20.616	3.356	8.468	37.499	28.536	4.6460	3.82190	0.00055	42.2993	194.218
0.4661	1678	42.2993	23.633	37.00	41.250	397.187	9.700	-5.206	20.618	3.357	8.468	37.490	28.543	4.6472	3.82042	0.00055	42.2998	194.290
0.4664	1679	42.2998	23.633	37.00	41.250	397.389	9.705	-5.206	20.620	3.357	8.467	37.481	28.550	4.6483	3.81893	0.00055	42.3003	194.362
0.4667	1680	42.3003	23.634	37.00	41.250	397.591	9.710	-5.206	20.622	3.358	8.467	37.472	28.557	4.6495	3.81745	0.00055	42.3009	194.434
0.4669	1681	42.3009	23.634	37.00	41.250	397.793	9.715	-5.206	20.624	3.358	8.467	37.462	28.564	4.6506	3.81597	0.00055	42.3014	194.505
0.4672	1682	42.3014	23.635	37.00	41.250	397.995	9.720	-5.206	20.626	3.358	8.466	37.453	28.571	4.6517	3.81448	0.00054	42.3020	194.577
0.4675	1683	42.3020	23.635	37.00	41.250	398.197	9.725	-5.206	20.628	3.359	8.466	37.444	28.578	4.6529	3.81300	0.00054	42.3025	194.649
0.4678	1684	42.3025	23.636	37.00	41.250	398.399	9.730	-5.206	20.630	3.359	8.466	37.435	28.585	4.6540	3.81152	0.00054	42.3031	194.721
0.4681	1685	42.3031	23.636	37.00	41.250	398.601	9.735	-5.206	20.633	3.359	8.465	37.426	28.592	4.6551	3.81004	0.00054	42.3036	194.792
0.4683	1686	42.3036	23.637	37.00	41.250	398.803	9.740	-5.206	20.635	3.360	8.465	37.417	28.599	4.6563	3.80856	0.00054	42.3042	194.864
0.4686	1687	42.3042	23.638	37.00	41.250	399.005	9.744	-5.206	20.637	3.360	8.464	37.408	28.606	4.6574	3.80708	0.00054	42.3047	194.935
0.4689	1688	42.3047	23.638	37.00	41.250	399.207	9.749	-5.206	20.639	3.360	8.464	37.398	28.613	4.6585	3.80560	0.00054	42.3052	195.007
0.4692	1689	42.3052	23.639	37.00	41.250	399.409	9.754	-5.206	20.641	3.361	8.464	37.389	28.620	4.6597	3.80412	0.00054	42.3058	195.078
0.4694	1690	42.3058	23.639	37.00	41.250	399.611	9.759	-5.206	20.643	3.361	8.463	37.380	28.627	4.6608	3.80264	0.00054	42.3063	195.150
0.4697	1691	42.3063	23.640	37.00	41.250	399.813	9.764	-5.206	20.645	3.361	8.463	37.371	28.634	4.6619	3.80116	0.00054	42.3069	195.221
0.4700	1692	42.3069	23.640	37.00	41.250	400.015	9.769	-5.206	20.647	3.362	8.463	37.362	28.641	4.6631	3.79969	0.00054	42.3074	195.293
0.4703	1693	42.3074	23.641	37.00	41.250	400.217	9.774	-5.206	20.649	3.362	8.462	37.353	28.648	4.6642	3.79821	0.00054	42.3080	195.364
0.4706	1694	42.3080	23.641	37.00	41.250	400.419	9.779	-5.206	20.652	3.362	8.462	37.344	28.655	4.6653	3.79673	0.00054	42.3085	195.436
0.4708	1695	42.3085	23.642	37.00	41.250	400.621	9.784	-5.206	20.654	3.363	8.462	37.335	28.662	4.6665	3.79526	0.00054	42.3090	195.507
0.4711	1696	42.3090	23.642	37.00	41.250	400.823	9.789	-5.206	20.656	3.363	8.461	37.326	28.668	4.6676	3.79378	0.00054	42.3096	195.578
0.4714	1697	42.3096	23.643	37.00	41.250	401.025	9.794	-5.206	20.658	3.363	8.461	37.317	28.675	4.6687	3.79231	0.00054	42.3101	195.650
0.4717	1698	42.3101	23.644	37.00	41.250	401.227	9.799	-5.206	20.660	3.364	8.461	37.308	28.682	4.6699	3.79084	0.00054	42.3107	195.721
0.4719	1699	42.3107	23.644	37.00	41.250	401.429	9.804	-5.206	20.662	3.364	8.460	37.299	28.689	4.6710	3.78936	0.00054	42.3112	195.792
0.4722	1700	42.3112	23.645	37.00	41.250	401.631	9.809	-5.206	20.664	3.364	8.460	37.290	28.696	4.6721	3.78789	0.00054	42.3118	195.863
0.4725	1701	42.3118	23.645	37.00	41.250	401.833	9.814	-5.206	20.666	3.365	8.460	37.281	28.703	4.6733	3.78642	0.00054	42.3123	195.935
0.4728	1702	42.3123	23.646	37.00	41.250	402.035	9.819	-5.206	20.668	3.365	8.459	37.272	28.710	4.6744	3.78495	0.00054	42.3128	196.006
0.4731	1703	42.3128	23.646	37.00	41.250	402.237	9.823	-5.206	20.671	3.365	8.459	37.263	28.717	4.6755	3.78348	0.00054	42.3134	196.077
0.4733	1704	42.3134	23.647	37.00	41.250	402.439	9.828	-5.206	20.673	3.366	8.459	37.254	28.724	4.6766	3.78201	0.00054	42.3139	196.148
0.4736	1705	42.3139	23.647	37.00	41.250	402.641	9.833	-5.206	20.675	3.366	8.458	37.245	28.731	4.6778	3.78054	0.00054	42.3145	196.219
0.4739	1706	42.3145	23.648	37.00	41.250	402.843	9.838	-5.206	20.677	3.366	8.458	37.236	28.738	4.6789	3.77907	0.00054	42.3150	196.290
0.4742	1707	42.3150	23.648	37.00	41.250	403.045	9.843	-5.206	20.679	3.367	8.458	37.227	28.745	4.6800	3.77760	0.00054	42.3155	196.361
0.4744	1708	42.3155	23.649	37.00	41.250	403.247	9.848	-5.206	20.681	3.367	8.457	37.218	28.752	4.6812	3.77613	0.00054	42.3161	196.432
0.4747	1709	42.3161	23.649	37.00	41.250	403.450	9.853	-5.206	20.683	3.367	8.457	37.209	28.759	4.6823	3.77466	0.00054	42.3166	196.503
0.4750	1710	42.3166	23.650	37.00	41.250	403.652	9.858	-5.206	20.685	3.368	8.457	37.200	28.765	4.6834	3.77320	0.00054	42.3172	196.574
0.4753	1711	42.3172	23.651	37.00	41.250	403.854	9.863	-5.206	20.687	3.368	8.456	37.191	28.772	4.6845	3.77173	0.00054	42.3177	196.645
0.4756	1712	42.3177	23.651	37.00	41.250	404.056	9.868	-5.206	20.689	3.369	8.456	37.182	28.779	4.6857	3.77027	0.00054	42.3182	196.716
0.4758	1713	42.3182	23.652	37.00	41.250	404.258	9.873	-5.206	20.691	3.369	8.456	37.173	28.786	4.6868	3.76880	0.00054	42.3188	196.787
0.4761	1714	42.3188	23.652	37.00	41.250	404.460	9.878	-5.206	20.694	3.369	8.455	37.164	28.793	4.6879	3.76734	0.00054	42.3193	196.858
0.4764	1715	42.3193	23.653	37.00	41.250	404.662	9.883	-5.206	20.696	3.370	8.455	37.155	28.800	4.6890	3.76587	0.00054	42.3198	196.928
0.4767	1716	42.3198	23.653	37.00	41.250	404.864	9.888	-5.206	20.698	3.370	8.455	37.146	28.807	4.6901	3.76441	0.00054	42.3204	196.999
0.4769	1717	42.3204	23.654	37.00	41.250	405.066	9.893	-5.206	20.700	3.370	8.454	37.138	28.814	4.6913	3.76295	0.00054	42.3209	197.070
0.4772	1718	42.3209	23.654	37.00	41.250	405.268	9.897	-5.206	20.702	3.371	8.454	37.129	28.821	4.6924	3.76148	0.00054	42.3215	197.141
0.4775	1719	42.3215	23.655	37.00	41.250	405.470	9.902	-5.206	20.704	3.371	8.454	37.120	28.828	4.6935	3.76002	0.00054	42.3220	197.211
0.4778	1720	42.3220	23.655	37.00	41.250	405.672	9.907	-5.206	20.706	3.371	8.453	37.111	28.834	4.6946	3.75856	0.00054	42.3225	197.282
0.4781	1721	42.3225	23.656	37.00	41.250	405.874	9.912	-5.206	20.708	3.372	8.453	37.102	28.841	4.6957	3.75710	0.00054	42.3231	197.353
0.4783	1722	42.3231	23.656	37.00	41.250	406.076	9.917	-5.206	20.710	3.372	8.453	37.093	28.848	4.6969	3.75564	0.00054	42.3236	197.423
0.4786	1723	42.3236	23.657	37.00	41.250	406.278	9.922	-5.206	20.712	3.372	8.452	37.084	28.855	4.6980	3.75418	0.00054	42.3241	197.494
0.4789	1724	42.3241	23.658	37.00	41.250	406.480	9.927	-5.206	20.714	3.373	8.452	37.076	28.862	4.6991	3.75272	0.00054	42.3247	197.564
0.4792	1725	42.3247	23.658	37.00	41.250	406.682	9.932	-5.206	20.717	3.373	8.451	37.067	28.869	4.7002	3.75127	0.00054	42.3252	197.635
0.4794	1726	42.3252	23.659	37.00	41.250	406.884	9.937	-5.206	20.719	3.373	8.451	37.058	28.876	4.7013	3.74981	0.00054	42.3258	197.705
0.4797	1727	42.3258	23.659	37.00	41.250	407.086	9.942	-5.206	20.721	3.374	8.451	37.049	28.883	4.7025	3.74835	0.00054	42.3263	197.776
0.4800	1728	42.3263	23.660	37.00	41.250	407.288	9.947	-5.206	20.723	3.374	8.450	37.040	28.889	4.7036	3.74689	0.00054	42.3268	197.846
0.4803	1729	42.3268	23.660	37.00	41.250	407.490	9.952	-5.206	20.725	3.374	8.450	37.032	28.896	4.7047	3.74544	0.00054	42.3274	197.917
0.4806	1730	42.3274	23.661	37.00	41.250	407.692	9.957	-5.206	20.727	3.375	8.450	37.023	28.903	4.7058	3.74398	0.00053	42.3279	197.987
0.4808	1731	42.3279	23.661	37.00	41.250	407.894	9.962	-5.206	20.729	3.375	8.449	37.014	28.910	4.7069	3.74253	0.00053	42.3284	198.057
0.4811	1732	42.3284	23.662	37.00	41.250	408.096	9.967	-5.206	20.731	3.375	8.449	37.005	28.917	4.7080	3.74107	0.00053	42.3290	198.128
0.4814	1733	42.3290	23.662	37.00	41.250	408.298	9.971	-5.206	20.733	3.376	8.449	36.996	28.924	4.7092	3.73962	0.00053	42.3295	198.198
0.4817	1734	42.3295	23.663	37.00	41.250	408.500	9.976	-5.206	20.735	3.376	8.448	36.988	28.931	4.7103	3.73817	0.00053	42.3300	198.268
0.4819	1735	42.3300	23.663	37.00	41.250	408.702	9.981	-5.206	20.737	3.376	8.448	36.979	28.937	4.7114	3.73671	0.00053	42.3306	198.339
0.4822	1736	42.3306	23.664	37.00	41.250	408.904	9.986	-5.206	20.739	3.377	8.448	36.970	28.944	4.7125	3.73526	0.00053	42.3311	198.409
0.4825	1737	42.3311	23.664	37.00	41.250	409.106	9.991	-5.206	20.742	3.377	8.447	36.961	28.951	4.7136	3.73381	0.00053	42.3316	198.479
0.4828	1738	42.3316	23.665	37.00	41.250	409.308	9.996	-5.206	20.744	3.377	8.447	36.953	28.958	4.7147	3.73236	0.00053	42.3322	198.549
0.4831	1739	42.3322	23.666	37.00	41.250	409.510	10.001	-5.206	20.746	3.378	8.447	36.944	28.965	4.7158	3.73091	0.00053	42.3327	198.619
0.4833	1740	42.3327	23.666	37.00	41.250	409.712	10.006	-5.206	20.748	3.378	8.446	36.935	28.972	4.7170	3.72946	0.00053	42.3332	198.690
0.4836	1741	42.3332	23.667	37.00	41.250	409.914	10.011	-5.206	20.750	3.378	8.446	36.927	28.978	4.7181	3.72801	0.00053	42.3338	198.760
0.4839	1742	42.3338	23.667	37.00	41.250	410.117	10.016	-5.206	20.752	3.379	8.446	36.918	28.985	4.7192	3.72656	0.00053	42.3343	198.830
0.4842	1743	42.3343	23.668	37.00	41.250	410.319	10.021	-5.206	20.754	3.379	8.445	36.909	28.992	4.7203	3.72511	0.00053	42.3348	198.900
0.4844	1744	42.3348	23.668	37.00	41.250	410.521	10.026	-5.206	20.756	3.379	8.445	36.901	28.999	4.7214	3.72367	0.00053	42.3354	198.970
0.4847	1745	42.3354	23.669	37.00	41.250	410.723	10.031	-5.206	20.758	3.380	8.445	36.892	29.006	4.7225	3.72222	0.00053	42.3359	199.040
0.4850	1746	42.3359	23.669	37.00	41.250	410.925	10.036	-5.206	20.760	3.380	8.444	36.883	29.012	4.7236	3.72077	0.00053	42.3364	199.110
0.4853	1747	42.3364	23.670	37.00	41.250	411.127	10.041	-5.206	20.762	3.380	8.444	36.875	29.019	4.7247	3.71933	0.00053	42.3370	199.180

0.4856	1748	42.3370	23.670	37.00	41.250	411.329	10.045	-5.206	20.764	3.381	8.444	36.866	29.026	4.7258	3.71788	0.00053	42.3375	199.250
0.4858	1749	42.3375	23.671	37.00	41.250	411.531	10.050	-5.206	20.766	3.381	8.443	36.857	29.033	4.7269	3.71644	0.00053	42.3380	199.319
0.4861	1750	42.3380	23.671	37.00	41.250	411.733	10.055	-5.206	20.768	3.381	8.443	36.849	29.040	4.7281	3.71499	0.00053	42.3385	199.389
0.4864	1751	42.3385	23.672	37.00	41.250	411.935	10.060	-5.206	20.771	3.382	8.443	36.840	29.047	4.7292	3.71355	0.00053	42.3391	199.459
0.4867	1752	42.3391	23.672	37.00	41.250	412.137	10.065	-5.206	20.773	3.382	8.442	36.831	29.053	4.7303	3.71211	0.00053	42.3396	199.529
0.4869	1753	42.3396	23.673	37.00	41.250	412.339	10.070	-5.206	20.775	3.382	8.442	36.823	29.060	4.7314	3.71066	0.00053	42.3401	199.599
0.4872	1754	42.3401	23.674	37.00	41.250	412.541	10.075	-5.206	20.777	3.383	8.442	36.814	29.067	4.7325	3.70922	0.00053	42.3407	199.668
0.4875	1755	42.3407	23.674	37.00	41.250	412.743	10.080	-5.206	20.779	3.383	8.441	36.806	29.074	4.7336	3.70778	0.00053	42.3412	199.738
0.4878	1756	42.3412	23.675	37.00	41.250	412.945	10.085	-5.206	20.781	3.383	8.441	36.797	29.080	4.7347	3.70634	0.00053	42.3417	199.808
0.4881	1757	42.3417	23.675	37.00	41.250	413.147	10.090	-5.206	20.783	3.384	8.441	36.788	29.087	4.7358	3.70490	0.00053	42.3423	199.877
0.4883	1758	42.3423	23.676	37.00	41.250	413.349	10.095	-5.206	20.785	3.384	8.440	36.780	29.094	4.7369	3.70346	0.00053	42.3428	199.947
0.4886	1759	42.3428	23.676	37.00	41.250	413.551	10.100	-5.206	20.787	3.384	8.440	36.771	29.101	4.7380	3.70202	0.00053	42.3433	200.017
0.4889	1760	42.3433	23.677	37.00	41.250	413.753	10.105	-5.206	20.789	3.385	8.440	36.763	29.108	4.7391	3.70058	0.00053	42.3438	200.086
0.4892	1761	42.3438	23.677	37.00	41.250	413.955	10.110	-5.206	20.791	3.385	8.439	36.754	29.114	4.7402	3.69914	0.00053	42.3444	200.156
0.4894	1762	42.3444	23.678	37.00	41.250	414.157	10.115	-5.206	20.793	3.385	8.439	36.746	29.121	4.7413	3.69771	0.00053	42.3449	200.225
0.4897	1763	42.3449	23.678	37.00	41.250	414.359	10.119	-5.206	20.795	3.386	8.439	36.737	29.128	4.7424	3.69627	0.00053	42.3454	200.295
0.4900	1764	42.3454	23.679	37.00	41.250	414.561	10.124	-5.206	20.797	3.386	8.438	36.728	29.135	4.7435	3.69483	0.00053	42.3460	200.364
0.4903	1765	42.3460	23.679	37.00	41.250	414.763	10.129	-5.206	20.799	3.386	8.438	36.720	29.141	4.7446	3.69340	0.00053	42.3465	200.434
0.4906	1766	42.3465	23.680	37.00	41.250	414.965	10.134	-5.206	20.801	3.387	8.438	36.711	29.148	4.7457	3.69196	0.00053	42.3470	200.503
0.4908	1767	42.3470	23.680	37.00	41.250	415.167	10.139	-5.206	20.803	3.387	8.437	36.703	29.155	4.7468	3.69053	0.00053	42.3475	200.572
0.4911	1768	42.3475	23.681	37.00	41.250	415.369	10.144	-5.206	20.806	3.387	8.437	36.694	29.162	4.7479	3.68909	0.00053	42.3481	200.642
0.4914	1769	42.3481	23.681	37.00	41.250	415.571	10.149	-5.206	20.808	3.388	8.437	36.686	29.168	4.7490	3.68766	0.00053	42.3486	200.711
0.4917	1770	42.3486	23.682	37.00	41.250	415.773	10.154	-5.206	20.810	3.388	8.436	36.677	29.175	4.7501	3.68623	0.00053	42.3491	200.780
0.4919	1771	42.3491	23.683	37.00	41.250	415.975	10.159	-5.206	20.812	3.388	8.436	36.669	29.182	4.7512	3.68480	0.00053	42.3496	200.850
0.4922	1772	42.3496	23.683	37.00	41.250	416.177	10.164	-5.206	20.814	3.389	8.436	36.660	29.189	4.7523	3.68336	0.00053	42.3502	200.919
0.4925	1773	42.3502	23.684	37.00	41.250	416.379	10.169	-5.206	20.816	3.389	8.435	36.652	29.195	4.7534	3.68193	0.00053	42.3507	200.988
0.4928	1774	42.3507	23.684	37.00	41.250	416.581	10.174	-5.206	20.818	3.389	8.435	36.644	29.202	4.7545	3.68050	0.00053	42.3512	201.057
0.4931	1775	42.3512	23.685	37.00	41.250	416.784	10.179	-5.206	20.820	3.390	8.435	36.635	29.209	4.7556	3.67907	0.00053	42.3517	201.127
0.4933	1776	42.3517	23.685	37.00	41.250	416.986	10.184	-5.206	20.822	3.390	8.434	36.627	29.216	4.7567	3.67764	0.00053	42.3523	201.196
0.4936	1777	42.3523	23.686	37.00	41.250	417.188	10.189	-5.206	20.824	3.390	8.434	36.618	29.222	4.7578	3.67621	0.00053	42.3528	201.265
0.4939	1778	42.3528	23.686	37.00	41.250	417.390	10.193	-5.206	20.826	3.391	8.434	36.610	29.229	4.7589	3.67478	0.00052	42.3533	201.334
0.4942	1779	42.3533	23.687	37.00	41.250	417.592	10.198	-5.206	20.828	3.391	8.433	36.601	29.236	4.7600	3.67336	0.00052	42.3538	201.403
0.4944	1780	42.3538	23.687	37.00	41.250	417.794	10.203	-5.206	20.830	3.391	8.433	36.593	29.243	4.7611	3.67193	0.00052	42.3544	201.472
0.4947	1781	42.3544	23.688	37.00	41.250	417.996	10.208	-5.206	20.832	3.392	8.433	36.585	29.249	4.7622	3.67050	0.00052	42.3549	201.541
0.4950	1782	42.3549	23.688	37.00	41.250	418.198	10.213	-5.206	20.834	3.392	8.432	36.576	29.256	4.7633	3.66908	0.00052	42.3554	201.610
0.4953	1783	42.3554	23.689	37.00	41.250	418.400	10.218	-5.206	20.836	3.392	8.432	36.568	29.263	4.7644	3.66765	0.00052	42.3559	201.679
0.4956	1784	42.3559	23.689	37.00	41.250	418.602	10.223	-5.206	20.838	3.393	8.432	36.559	29.269	4.7655	3.66623	0.00052	42.3565	201.748
0.4958	1785	42.3565	23.690	37.00	41.250	418.804	10.228	-5.206	20.840	3.393	8.431	36.551	29.276	4.7666	3.66480	0.00052	42.3570	201.817
0.4961	1786	42.3570	23.690	37.00	41.250	419.006	10.233	-5.206	20.842	3.393	8.431	36.543	29.283	4.7676	3.66338	0.00052	42.3575	201.886
0.4964	1787	42.3575	23.691	37.00	41.250	419.208	10.238	-5.206	20.844	3.394	8.431	36.534	29.290	4.7687	3.66195	0.00052	42.3580	201.955
0.4967	1788	42.3580	23.691	37.00	41.250	419.410	10.243	-5.206	20.846	3.394	8.430	36.526	29.296	4.7698	3.66053	0.00052	42.3586	202.023
0.4969	1789	42.3586	23.692	37.00	41.250	419.612	10.248	-5.206	20.848	3.394	8.430	36.517	29.303	4.7709	3.65911	0.00052	42.3591	202.092
0.4972	1790	42.3591	23.692	37.00	41.250	419.814	10.253	-5.206	20.850	3.395	8.430	36.509	29.310	4.7720	3.65769	0.00052	42.3596	202.161
0.4975	1791	42.3596	23.693	37.00	41.250	420.016	10.258	-5.206	20.852	3.395	8.429	36.501	29.316	4.7731	3.65626	0.00052	42.3601	202.230
0.4978	1792	42.3601	23.694	37.00	41.250	420.218	10.263	-5.206	20.854	3.395	8.429	36.492	29.323	4.7742	3.65484	0.00052	42.3607	202.298
0.4981	1793	42.3607	23.694	37.00	41.250	420.420	10.268	-5.206	20.857	3.396	8.429	36.484	29.330	4.7753	3.65342	0.00052	42.3612	202.367
0.4983	1794	42.3612	23.695	37.00	41.250	420.622	10.272	-5.206	20.859	3.396	8.428	36.476	29.336	4.7764	3.65200	0.00052	42.3617	202.436
0.4986	1795	42.3617	23.695	37.00	41.250	420.824	10.277	-5.206	20.861	3.396	8.428	36.468	29.343	4.7775	3.65058	0.00052	42.3622	202.504
0.4989	1796	42.3622	23.696	37.00	41.250	421.026	10.282	-5.206	20.863	3.397	8.428	36.459	29.350	4.7785	3.64917	0.00052	42.3627	202.573
0.4992	1797	42.3627	23.696	37.00	41.250	421.228	10.287	-5.206	20.865	3.397	8.427	36.451	29.357	4.7796	3.64775	0.00052	42.3633	202.642
0.4994	1798	42.3633	23.697	37.00	41.250	421.430	10.292	-5.206	20.867	3.397	8.427	36.443	29.363	4.7807	3.64633	0.00052	42.3638	202.710
0.4997	1799	42.3638	23.697	37.00	41.250	421.632	10.297	-5.206	20.869	3.398	8.427	36.434	29.370	4.7818	3.64491	0.00052	42.3643	202.779
0.5000	1800	42.3643	23.698	37.00	41.250	421.834	10.302	-5.206	20.871	3.398	8.426	36.426	29.377	4.7829	3.64350	0.00052	42.3648	202.847
0.5003	1801	42.3648	23.698	37.00	41.250	422.036	10.307	-5.206	20.873	3.398	8.426	36.418	29.383	4.7840	3.64208	0.00052	42.3653	202.916
0.5006	1802	42.3653	23.699	37.00	41.250	422.238	10.312	-5.206	20.875	3.399	8.426	36.410	29.390	4.7851	3.64067	0.00052	42.3659	202.984
0.5008	1803	42.3659	23.699	37.00	41.250	422.440	10.317	-5.206	20.877	3.399	8.425	36.401	29.397	4.7862	3.63925	0.00052	42.3664	203.053
0.5011	1804	42.3664	23.700	37.00	41.250	422.642	10.322	-5.206	20.879	3.399	8.425	36.393	29.403	4.7872	3.63784	0.00052	42.3669	203.121
0.5014	1805	42.3669	23.700	37.00	41.250	422.844	10.327	-5.206	20.881	3.400	8.425	36.385	29.410	4.7883	3.63642	0.00052	42.3674	203.189
0.5017	1806	42.3674	23.701	37.00	41.250	423.046	10.332	-5.206	20.883	3.400	8.424	36.377	29.417	4.7894	3.63501	0.00052	42.3679	203.258
0.5019	1807	42.3679	23.701	37.00	41.250	423.248	10.337	-5.206	20.885	3.400	8.424	36.368	29.423	4.7905	3.63360	0.00052	42.3685	203.326
0.5022	1808	42.3685	23.702	37.00	41.250	423.450	10.342	-5.206	20.887	3.401	8.424	36.360	29.430	4.7916	3.63219	0.00052	42.3690	203.394
0.5025	1809	42.3690	23.702	37.00	41.250	423.653	10.346	-5.206	20.889	3.401	8.423	36.352	29.437	4.7927	3.63078	0.00052	42.3695	203.463
0.5028	1810	42.3695	23.703	37.00	41.250	423.855	10.351	-5.206	20.891	3.401	8.423	36.344	29.443	4.7937	3.62936	0.00052	42.3700	203.531
0.5031	1811	42.3700	23.703	37.00	41.250	424.057	10.356	-5.206	20.893	3.402	8.423	36.335	29.450	4.7948	3.62795	0.00052	42.3705	203.599
0.5033	1812	42.3705	23.704	37.00	41.250	424.259	10.361	-5.206	20.895	3.402	8.422	36.327	29.456	4.7959	3.62654	0.00052	42.3711	203.667
0.5036	1813	42.3711	23.704	37.00	41.250	424.461	10.366	-5.206	20.897	3.402	8.422	36.319	29.463	4.7970	3.62514	0.00052	42.3716	203.735
0.5039	1814	42.3716	23.705	37.00	41.250	424.663	10.371	-5.206	20.899	3.403	8.422	36.311	29.470	4.7981	3.62373	0.00052	42.3721	203.803
0.5042	1815	42.3721	23.705	37.00	41.250	424.865	10.376	-5.206	20.901	3.403	8.421	36.303	29.476	4.7991	3.62232	0.00052	42.3726	203.872
0.5044	1816	42.3726	23.706	37.00	41.250	425.067	10.381	-5.206	20.903	3.403	8.421	36.295	29.483	4.8002	3.62091	0.00052	42.3731	203.940
0.5047	1817	42.3731	23.707	37.00	41.250	425.269	10.386	-5.206	20.905	3.404	8.421	36.286	29.490	4.8013	3.61950	0.00052	42.3736	204.008
0.5050	1818	42.3736	23.707	37.00	41.250	425.471	10.391	-5.206	20.907	3.404	8.420	36.278	29.496	4.8024	3.61810	0.00052	42.3742	204.076
0.5053	1819	42.3742	23.708	37.00	41.250	425.673	10.396	-5.206	20.909	3.404	8.420	36.270	29.503	4.8035	3.61669	0.00052	42.3747	204.144
0.5056	1820	42.3747	23.708	37.00	41.250	425.875	10.401	-5.206	20.911	3.405	8.420	36.262	29.509	4.8045	3.61529	0.00052	42.3752	204.212
0.5058	1821	42.3752	23.709	37.00	41.250	426.077	10.406	-5.206	20.913	3.405	8.419	36.254	29.516	4.8056	3.61388	0.00052	42.3757	204.280
0.5061	1822	42.3757	23.709	37.00	41.250	426.279	10.411	-5.206	20.915	3.405	8.419	36.246	29.523	4.8067	3.61248	0.00052	42.3762	204.348
0.5064	1823	42.3762	23.710	37.00	41.250	426.481	10.416	-5.206	20.917	3.406	8.419	36.238	29.529	4.8078	3.61107	0.00052	42.3767	204.415
0.5067	1824	42.3767	23.710	37.00	41.250	426.683	10.420	-5.206	20.919	3.406	8.419	36.230	29.536	4.8088	3.60967	0.00052	42.3773	204.483
0.5069	1825	42.3773	23.711	37.00	41.250	426.885	10.425	-5.206	20.921	3.406	8.418	36.221	29.543	4.8099	3.60827	0.00052	42.3778	204.551
0.5072	1826	42.3778	23.711	37.00	41.250	427.087	10.430	-5.206	20.923	3.407	8.418	36.213	29.549	4.8110	3.60687	0.00052	42.3783	204.619
0.5075	1827	42.3783	23.712	37.00	41.250	427.289	10.435	-5.206	20.925	3.407	8.418	36.205	29.556	4.8121	3.60546	0.00052	42.3788	204.687
0.5078	1828	42.3788	23.712	37.00	41.250	427.491	10.440	-5.206	20.927	3.407	8.417	36.197	29.562	4.8131	3.60406	0.00051	42.3793	204.755

0.5081	1829	42.3793	23.713	37.00	41.250	427.693	10.445	-5.206	20.929	3.408	8.417	36.189	29.569	4.8142	3.60266	0.00051	42.3798	204.822
0.5083	1830	42.3798	23.713	37.00	41.250	427.895	10.450	-5.206	20.931	3.408	8.417	36.181	29.576	4.8153	3.60126	0.00051	42.3803	204.890
0.5086	1831	42.3803	23.714	37.00	41.250	428.097	10.455	-5.206	20.933	3.408	8.416	36.173	29.582	4.8164	3.59986	0.00051	42.3809	204.958
0.5089	1832	42.3809	23.714	37.00	41.250	428.299	10.460	-5.206	20.935	3.409	8.416	36.165	29.589	4.8174	3.59846	0.00051	42.3814	205.025
0.5092	1833	42.3814	23.715	37.00	41.250	428.501	10.465	-5.206	20.937	3.409	8.416	36.157	29.595	4.8185	3.59707	0.00051	42.3819	205.093
0.5094	1834	42.3819	23.715	37.00	41.250	428.703	10.470	-5.206	20.939	3.409	8.415	36.149	29.602	4.8196	3.59567	0.00051	42.3824	205.161
0.5097	1835	42.3824	23.716	37.00	41.250	428.905	10.475	-5.206	20.941	3.409	8.415	36.141	29.608	4.8207	3.59427	0.00051	42.3829	205.228
0.5100	1836	42.3829	23.716	37.00	41.250	429.107	10.480	-5.206	20.943	3.410	8.415	36.133	29.615	4.8217	3.59287	0.00051	42.3834	205.296
0.5103	1837	42.3834	23.717	37.00	41.250	429.309	10.485	-5.206	20.945	3.410	8.414	36.125	29.622	4.8228	3.59148	0.00051	42.3839	205.363
0.5106	1838	42.3839	23.717	37.00	41.250	429.511	10.490	-5.206	20.947	3.410	8.414	36.117	29.628	4.8239	3.59008	0.00051	42.3844	205.431
0.5108	1839	42.3844	23.718	37.00	41.250	429.713	10.494	-5.206	20.949	3.411	8.414	36.109	29.635	4.8249	3.58869	0.00051	42.3850	205.498
0.5111	1840	42.3850	23.718	37.00	41.250	429.915	10.499	-5.206	20.951	3.411	8.413	36.101	29.641	4.8260	3.58729	0.00051	42.3855	205.566
0.5114	1841	42.3855	23.719	37.00	41.250	430.117	10.504	-5.206	20.953	3.411	8.413	36.093	29.648	4.8271	3.58590	0.00051	42.3860	205.633
0.5117	1842	42.3860	23.719	37.00	41.250	430.320	10.509	-5.206	20.955	3.412	8.413	36.085	29.655	4.8282	3.58451	0.00051	42.3865	205.700
0.5119	1843	42.3865	23.720	37.00	41.250	430.522	10.514	-5.206	20.957	3.412	8.412	36.077	29.661	4.8292	3.58311	0.00051	42.3870	205.768
0.5122	1844	42.3870	23.720	37.00	41.250	430.724	10.519	-5.206	20.959	3.412	8.412	36.069	29.668	4.8303	3.58172	0.00051	42.3875	205.835
0.5125	1845	42.3875	23.721	37.00	41.250	430.926	10.524	-5.206	20.961	3.413	8.412	36.061	29.674	4.8314	3.58033	0.00051	42.3880	205.902
0.5128	1846	42.3880	23.721	37.00	41.250	431.128	10.529	-5.206	20.963	3.413	8.411	36.053	29.681	4.8324	3.57894	0.00051	42.3885	205.970
0.5131	1847	42.3885	23.722	37.00	41.250	431.330	10.534	-5.206	20.965	3.413	8.411	36.045	29.687	4.8335	3.57755	0.00051	42.3891	206.037
0.5133	1848	42.3891	23.722	37.00	41.250	431.532	10.539	-5.206	20.967	3.414	8.411	36.037	29.694	4.8346	3.57616	0.00051	42.3896	206.104
0.5136	1849	42.3896	23.723	37.00	41.250	431.734	10.544	-5.206	20.969	3.414	8.410	36.029	29.700	4.8356	3.57477	0.00051	42.3901	206.171
0.5139	1850	42.3901	23.723	37.00	41.250	431.936	10.549	-5.206	20.971	3.414	8.410	36.021	29.707	4.8367	3.57338	0.00051	42.3906	206.239
0.5142	1851	42.3906	23.724	37.00	41.250	432.138	10.554	-5.206	20.973	3.415	8.410	36.013	29.713	4.8378	3.57199	0.00051	42.3911	206.306
0.5144	1852	42.3911	23.724	37.00	41.250	432.340	10.559	-5.206	20.975	3.415	8.409	36.005	29.720	4.8388	3.57060	0.00051	42.3916	206.373
0.5147	1853	42.3916	23.725	37.00	41.250	432.542	10.564	-5.206	20.977	3.415	8.409	35.997	29.727	4.8399	3.56921	0.00051	42.3921	206.440
0.5150	1854	42.3921	23.726	37.00	41.250	432.744	10.568	-5.206	20.979	3.416	8.409	35.989	29.733	4.8409	3.56783	0.00051	42.3926	206.507
0.5153	1855	42.3926	23.726	37.00	41.250	432.946	10.573	-5.206	20.981	3.416	8.408	35.981	29.740	4.8420	3.56644	0.00051	42.3931	206.574
0.5156	1856	42.3931	23.727	37.00	41.250	433.148	10.578	-5.206	20.983	3.416	8.408	35.973	29.746	4.8431	3.56506	0.00051	42.3936	206.641
0.5158	1857	42.3936	23.727	37.00	41.250	433.350	10.583	-5.206	20.985	3.417	8.408	35.966	29.753	4.8441	3.56367	0.00051	42.3942	206.708
0.5161	1858	42.3942	23.728	37.00	41.250	433.552	10.588	-5.206	20.987	3.417	8.407	35.958	29.759	4.8452	3.56229	0.00051	42.3947	206.775
0.5164	1859	42.3947	23.728	37.00	41.250	433.754	10.593	-5.206	20.989	3.417	8.407	35.950	29.766	4.8463	3.56090	0.00051	42.3952	206.842
0.5167	1860	42.3952	23.729	37.00	41.250	433.956	10.598	-5.206	20.991	3.418	8.407	35.942	29.772	4.8473	3.55952	0.00051	42.3957	206.909
0.5169	1861	42.3957	23.729	37.00	41.250	434.158	10.603	-5.206	20.993	3.418	8.407	35.934	29.779	4.8484	3.55813	0.00051	42.3962	206.976
0.5172	1862	42.3962	23.730	37.00	41.250	434.360	10.608	-5.206	20.995	3.418	8.406	35.926	29.785	4.8494	3.55675	0.00051	42.3967	207.043
0.5175	1863	42.3967	23.730	37.00	41.250	434.562	10.613	-5.206	20.997	3.419	8.406	35.918	29.792	4.8505	3.55537	0.00051	42.3972	207.110
0.5178	1864	42.3972	23.731	37.00	41.250	434.764	10.618	-5.206	20.999	3.419	8.406	35.911	29.798	4.8516	3.55399	0.00051	42.3977	207.177
0.5181	1865	42.3977	23.731	37.00	41.250	434.966	10.623	-5.206	21.001	3.419	8.405	35.903	29.805	4.8526	3.55261	0.00051	42.3982	207.243
0.5183	1866	42.3982	23.732	37.00	41.250	435.168	10.628	-5.206	21.003	3.420	8.405	35.895	29.811	4.8537	3.55123	0.00051	42.3987	207.310
0.5186	1867	42.3987	23.732	37.00	41.250	435.370	10.633	-5.206	21.005	3.420	8.405	35.887	29.818	4.8547	3.54985	0.00051	42.3992	207.377
0.5189	1868	42.3992	23.733	37.00	41.250	435.572	10.638	-5.206	21.007	3.420	8.404	35.879	29.824	4.8558	3.54847	0.00051	42.3997	207.444
0.5192	1869	42.3997	23.733	37.00	41.250	435.774	10.642	-5.206	21.009	3.420	8.404	35.871	29.831	4.8569	3.54709	0.00051	42.4003	207.510
0.5194	1870	42.4003	23.734	37.00	41.250	435.976	10.647	-5.206	21.011	3.421	8.404	35.864	29.837	4.8579	3.54571	0.00051	42.4008	207.577
0.5197	1871	42.4008	23.734	37.00	41.250	436.178	10.652	-5.206	21.013	3.421	8.403	35.856	29.844	4.8590	3.54433	0.00051	42.4013	207.644
0.5200	1872	42.4013	23.735	37.00	41.250	436.380	10.657	-5.206	21.015	3.421	8.403	35.848	29.850	4.8600	3.54295	0.00051	42.4018	207.710
0.5203	1873	42.4018	23.735	37.00	41.250	436.582	10.662	-5.206	21.017	3.422	8.403	35.840	29.857	4.8611	3.54158	0.00051	42.4023	207.777
0.5206	1874	42.4023	23.736	37.00	41.250	436.784	10.667	-5.206	21.018	3.422	8.402	35.832	29.863	4.8621	3.54020	0.00051	42.4028	207.843
0.5208	1875	42.4028	23.736	37.00	41.250	436.986	10.672	-5.206	21.020	3.422	8.402	35.825	29.870	4.8632	3.53883	0.00051	42.4033	207.910
0.5211	1876	42.4033	23.737	37.00	41.250	437.189	10.677	-5.206	21.022	3.423	8.402	35.817	29.876	4.8642	3.53745	0.00051	42.4038	207.976
0.5214	1877	42.4038	23.737	37.00	41.250	437.391	10.682	-5.206	21.024	3.423	8.401	35.809	29.883	4.8653	3.53608	0.00051	42.4043	208.043
0.5217	1878	42.4043	23.738	37.00	41.250	437.593	10.687	-5.206	21.026	3.423	8.401	35.801	29.889	4.8664	3.53470	0.00050	42.4048	208.109
0.5219	1879	42.4048	23.738	37.00	41.250	437.795	10.692	-5.206	21.028	3.424	8.401	35.794	29.896	4.8674	3.53333	0.00050	42.4053	208.176
0.5222	1880	42.4053	23.739	37.00	41.250	437.997	10.697	-5.206	21.030	3.424	8.400	35.786	29.902	4.8685	3.53196	0.00050	42.4058	208.242
0.5225	1881	42.4058	23.739	37.00	41.250	438.199	10.702	-5.206	21.032	3.424	8.400	35.778	29.909	4.8695	3.53058	0.00050	42.4063	208.309
0.5228	1882	42.4063	23.740	37.00	41.250	438.401	10.707	-5.206	21.034	3.425	8.400	35.770	29.915	4.8706	3.52921	0.00050	42.4068	208.375
0.5231	1883	42.4068	23.740	37.00	41.250	438.603	10.712	-5.206	21.036	3.425	8.399	35.763	29.921	4.8716	3.52784	0.00050	42.4073	208.441
0.5233	1884	42.4073	23.741	37.00	41.250	438.805	10.716	-5.206	21.038	3.425	8.399	35.755	29.928	4.8727	3.52647	0.00050	42.4078	208.508
0.5236	1885	42.4078	23.741	37.00	41.250	439.007	10.721	-5.206	21.040	3.426	8.399	35.747	29.934	4.8737	3.52510	0.00050	42.4083	208.574
0.5239	1886	42.4083	23.742	37.00	41.250	439.209	10.726	-5.206	21.042	3.426	8.399	35.740	29.941	4.8748	3.52373	0.00050	42.4088	208.640
0.5242	1887	42.4088	23.742	37.00	41.250	439.411	10.731	-5.206	21.044	3.426	8.398	35.732	29.947	4.8758	3.52236	0.00050	42.4093	208.706
0.5244	1888	42.4093	23.743	37.00	41.250	439.613	10.736	-5.206	21.046	3.427	8.398	35.724	29.954	4.8769	3.52099	0.00050	42.4098	208.772
0.5247	1889	42.4098	23.743	37.00	41.250	439.815	10.741	-5.206	21.048	3.427	8.398	35.716	29.960	4.8779	3.51962	0.00050	42.4103	208.839
0.5250	1890	42.4103	23.744	37.00	41.250	440.017	10.746	-5.206	21.050	3.427	8.397	35.709	29.967	4.8790	3.51826	0.00050	42.4108	208.905
0.5253	1891	42.4108	23.744	37.00	41.250	440.219	10.751	-5.206	21.052	3.428	8.397	35.701	29.973	4.8800	3.51689	0.00050	42.4113	208.971
0.5256	1892	42.4113	23.745	37.00	41.250	440.421	10.756	-5.206	21.054	3.428	8.397	35.693	29.980	4.8811	3.51552	0.00050	42.4119	209.037
0.5258	1893	42.4119	23.745	37.00	41.250	440.623	10.761	-5.206	21.056	3.428	8.396	35.686	29.986	4.8821	3.51416	0.00050	42.4124	209.103
0.5261	1894	42.4124	23.746	37.00	41.250	440.825	10.766	-5.206	21.058	3.428	8.396	35.678	29.992	4.8832	3.51279	0.00050	42.4129	209.169
0.5264	1895	42.4129	23.746	37.00	41.250	441.027	10.771	-5.206	21.060	3.429	8.396	35.670	29.999	4.8842	3.51143	0.00050	42.4134	209.235
0.5267	1896	42.4134	23.747	37.00	41.250	441.229	10.776	-5.206	21.062	3.429	8.395	35.663	30.005	4.8853	3.51006	0.00050	42.4139	209.301
0.5269	1897	42.4139	23.747	37.00	41.250	441.431	10.781	-5.206	21.064	3.429	8.395	35.655	30.012	4.8863	3.50870	0.00050	42.4144	209.367
0.5272	1898	42.4144	23.748	37.00	41.250	441.633	10.786	-5.206	21.065	3.430	8.395	35.648	30.018	4.8874	3.50733	0.00050	42.4149	209.433
0.5275	1899	42.4149	23.748	37.00	41.250	441.835	10.791	-5.206	21.067	3.430	8.394	35.640	30.025	4.8884	3.50597	0.00050	42.4154	209.499
0.5278	1900	42.4154	23.749	37.00	41.250	442.037	10.795	-5.206	21.069	3.430	8.394	35.632	30.031	4.8894	3.50461	0.00050	42.4159	209.565
0.5281	1901	42.4159	23.749	37.00	41.250	442.239	10.800	-5.206	21.071	3.431	8.394	35.625	30.037	4.8905	3.50325	0.00050	42.4164	209.631
0.5283	1902	42.4164	23.750	37.00	41.250	442.441	10.805	-5.206	21.073	3.431	8.393	35.617	30.044	4.8915	3.50189	0.00050	42.4169	209.697
0.5286	1903	42.4169	23.750	37.00	41.250	442.643	10.810	-5.206	21.075	3.431	8.393	35.610	30.050	4.8926	3.50052	0.00050	42.4174	209.762
0.5289	1904	42.4174	23.751	37.00	41.250	442.845	10.815	-5.206	21.077	3.432	8.393	35.602	30.057	4.8936	3.49916	0.00050	42.4179	209.828
0.5292	1905	42.4179	23.751	37.00	41.250	443.047	10.820	-5.206	21.079	3.432	8.392	35.594	30.063	4.8947	3.49780	0.00050	42.4184	209.894
0.5294	1906	42.4184	23.752	37.00	41.250	443.249	10.825	-5.206	21.081	3.432	8.392	35.587	30.069	4.8957	3.49645	0.00050	42.4189	209.960
0.5297	1907	42.4189	23.752	37.00	41.250	443.451	10.830	-5.206	21.083	3.433	8.392	35.579	30.076	4.8967	3.49509	0.00050	42.4194	210.025
0.5300	1908	42.4194	23.753	37.00	41.250	443.653	10.835	-5.206	21.085	3.433	8.392	35.572	30.082	4.8978	3.49373	0.00050	42.4199	210.091
0.5303	1909	42.4199	23.753	37.00	41.250	443.856	10.840	-5.206	21.087	3.433	8.391	35.564	30.089	4.8988	3.49237	0.00050	42.4204	210.157

0.5306	1910	42.4204	23.754	37.00	41.250	444.058	10.845	-5.206	21.089	3.434	8.391	35.556	30.095	4.8999	3.49101	0.00050	42.4209	210.222
0.5308	1911	42.4209	23.754	37.00	41.250	444.260	10.850	-5.206	21.091	3.434	8.391	35.549	30.101	4.9009	3.48966	0.00050	42.4214	210.288
0.5311	1912	42.4214	23.755	37.00	41.250	444.462	10.855	-5.206	21.093	3.434	8.390	35.541	30.108	4.9020	3.48830	0.00050	42.4219	210.354
0.5314	1913	42.4219	23.755	37.00	41.250	444.664	10.860	-5.206	21.095	3.434	8.390	35.534	30.114	4.9030	3.48695	0.00050	42.4224	210.419
0.5317	1914	42.4224	23.756	37.00	41.250	444.866	10.865	-5.206	21.097	3.435	8.390	35.526	30.121	4.9040	3.48559	0.00050	42.4229	210.485
0.5319	1915	42.4229	23.756	37.00	41.250	445.068	10.869	-5.206	21.099	3.435	8.389	35.519	30.127	4.9051	3.48424	0.00050	42.4233	210.550
0.5322	1916	42.4233	23.757	37.00	41.250	445.270	10.874	-5.206	21.100	3.435	8.389	35.511	30.133	4.9061	3.48288	0.00050	42.4238	210.616
0.5325	1917	42.4238	23.757	37.00	41.250	445.472	10.879	-5.206	21.102	3.436	8.389	35.504	30.140	4.9071	3.48153	0.00050	42.4243	210.681
0.5328	1918	42.4243	23.758	37.00	41.250	445.674	10.884	-5.206	21.104	3.436	8.388	35.496	30.146	4.9082	3.48018	0.00050	42.4248	210.747
0.5331	1919	42.4248	23.758	37.00	41.250	445.876	10.889	-5.206	21.106	3.436	8.388	35.489	30.152	4.9092	3.47882	0.00050	42.4253	210.812
0.5333	1920	42.4253	23.759	37.00	41.250	446.078	10.894	-5.206	21.108	3.437	8.388	35.481	30.159	4.9103	3.47747	0.00050	42.4258	210.877
0.5336	1921	42.4258	23.759	37.00	41.250	446.280	10.899	-5.206	21.110	3.437	8.387	35.474	30.165	4.9113	3.47612	0.00050	42.4263	210.943
0.5339	1922	42.4263	23.760	37.00	41.250	446.482	10.904	-5.206	21.112	3.437	8.387	35.466	30.172	4.9123	3.47477	0.00050	42.4268	211.008
0.5342	1923	42.4268	23.760	37.00	41.250	446.684	10.909	-5.206	21.114	3.438	8.387	35.459	30.178	4.9134	3.47342	0.00050	42.4273	211.073
0.5344	1924	42.4273	23.761	37.00	41.250	446.886	10.914	-5.206	21.116	3.438	8.386	35.451	30.184	4.9144	3.47207	0.00050	42.4278	211.139
0.5347	1925	42.4278	23.761	37.00	41.250	447.088	10.919	-5.206	21.118	3.438	8.386	35.444	30.191	4.9154	3.47072	0.00050	42.4283	211.204
0.5350	1926	42.4283	23.762	37.00	41.250	447.290	10.924	-5.206	21.120	3.439	8.386	35.436	30.197	4.9165	3.46937	0.00050	42.4288	211.269
0.5353	1927	42.4288	23.762	37.00	41.250	447.492	10.929	-5.206	21.122	3.439	8.386	35.429	30.203	4.9175	3.46802	0.00050	42.4293	211.334
0.5356	1928	42.4293	23.763	37.00	41.250	447.694	10.934	-5.206	21.124	3.439	8.385	35.422	30.210	4.9185	3.46668	0.00050	42.4298	211.399
0.5358	1929	42.4298	23.763	37.00	41.250	447.896	10.939	-5.206	21.126	3.440	8.385	35.414	30.216	4.9196	3.46533	0.00050	42.4303	211.465
0.5361	1930	42.4303	23.764	37.00	41.250	448.098	10.943	-5.206	21.127	3.440	8.385	35.407	30.222	4.9206	3.46398	0.00049	42.4308	211.530
0.5364	1931	42.4308	23.764	37.00	41.250	448.300	10.948	-5.206	21.129	3.440	8.384	35.399	30.229	4.9216	3.46264	0.00049	42.4313	211.595
0.5367	1932	42.4313	23.765	37.00	41.250	448.502	10.953	-5.206	21.131	3.440	8.384	35.392	30.235	4.9227	3.46129	0.00049	42.4318	211.660
0.5369	1933	42.4318	23.765	37.00	41.250	448.704	10.958	-5.206	21.133	3.441	8.384	35.384	30.241	4.9237	3.45995	0.00049	42.4323	211.725
0.5372	1934	42.4323	23.766	37.00	41.250	448.906	10.963	-5.206	21.135	3.441	8.383	35.377	30.248	4.9247	3.45860	0.00049	42.4328	211.790
0.5375	1935	42.4328	23.766	37.00	41.250	449.108	10.968	-5.206	21.137	3.441	8.383	35.370	30.254	4.9258	3.45726	0.00049	42.4333	211.855
0.5378	1936	42.4333	23.767	37.00	41.250	449.310	10.973	-5.206	21.139	3.442	8.383	35.362	30.260	4.9268	3.45592	0.00049	42.4338	211.920
0.5381	1937	42.4338	23.767	37.00	41.250	449.512	10.978	-5.206	21.141	3.442	8.382	35.355	30.267	4.9278	3.45457	0.00049	42.4342	211.985
0.5383	1938	42.4342	23.768	37.00	41.250	449.714	10.983	-5.206	21.143	3.442	8.382	35.347	30.273	4.9289	3.45323	0.00049	42.4347	212.050
0.5386	1939	42.4347	23.768	37.00	41.250	449.916	10.988	-5.206	21.145	3.443	8.382	35.340	30.279	4.9299	3.45189	0.00049	42.4352	212.115
0.5389	1940	42.4352	23.769	37.00	41.250	450.118	10.993	-5.206	21.147	3.443	8.381	35.333	30.286	4.9309	3.45055	0.00049	42.4357	212.180
0.5392	1941	42.4357	23.769	37.00	41.250	450.320	10.998	-5.206	21.149	3.443	8.381	35.325	30.292	4.9319	3.44921	0.00049	42.4362	212.245
0.5394	1942	42.4362	23.770	37.00	41.250	450.523	11.003	-5.206	21.151	3.444	8.381	35.318	30.298	4.9330	3.44787	0.00049	42.4367	212.309
0.5397	1943	42.4367	23.770	37.00	41.250	450.725	11.008	-5.206	21.152	3.444	8.381	35.311	30.305	4.9340	3.44653	0.00049	42.4372	212.374
0.5400	1944	42.4372	23.771	37.00	41.250	450.927	11.013	-5.206	21.154	3.444	8.380	35.303	30.311	4.9350	3.44519	0.00049	42.4377	212.439
0.5403	1945	42.4377	23.771	37.00	41.250	451.129	11.017	-5.206	21.156	3.445	8.380	35.296	30.317	4.9361	3.44385	0.00049	42.4382	212.504
0.5406	1946	42.4382	23.772	37.00	41.250	451.331	11.022	-5.206	21.158	3.445	8.380	35.289	30.324	4.9371	3.44251	0.00049	42.4387	212.568
0.5408	1947	42.4387	23.772	37.00	41.250	451.533	11.027	-5.206	21.160	3.445	8.379	35.281	30.330	4.9381	3.44117	0.00049	42.4392	212.633
0.5411	1948	42.4392	23.773	37.00	41.250	451.735	11.032	-5.206	21.162	3.445	8.379	35.274	30.336	4.9391	3.43983	0.00049	42.4397	212.698
0.5414	1949	42.4397	23.773	37.00	41.250	451.937	11.037	-5.206	21.164	3.446	8.379	35.267	30.342	4.9402	3.43850	0.00049	42.4402	212.762
0.5417	1950	42.4402	23.774	37.00	41.250	452.139	11.042	-5.206	21.166	3.446	8.378	35.259	30.349	4.9412	3.43716	0.00049	42.4406	212.827
0.5419	1951	42.4406	23.774	37.00	41.250	452.341	11.047	-5.206	21.168	3.446	8.378	35.252	30.355	4.9422	3.43583	0.00049	42.4411	212.892
0.5422	1952	42.4411	23.775	37.00	41.250	452.543	11.052	-5.206	21.170	3.447	8.378	35.245	30.361	4.9432	3.43449	0.00049	42.4416	212.956
0.5425	1953	42.4416	23.775	37.00	41.250	452.745	11.057	-5.206	21.172	3.447	8.377	35.237	30.368	4.9443	3.43316	0.00049	42.4421	213.021
0.5428	1954	42.4421	23.776	37.00	41.250	452.947	11.062	-5.206	21.174	3.447	8.377	35.230	30.374	4.9453	3.43182	0.00049	42.4426	213.085
0.5431	1955	42.4426	23.776	37.00	41.250	453.149	11.067	-5.206	21.175	3.448	8.377	35.223	30.380	4.9463	3.43049	0.00049	42.4431	213.150
0.5433	1956	42.4431	23.776	37.00	41.250	453.351	11.072	-5.206	21.177	3.448	8.376	35.215	30.386	4.9473	3.42916	0.00049	42.4436	213.214
0.5436	1957	42.4436	23.777	37.00	41.250	453.553	11.077	-5.206	21.179	3.448	8.376	35.208	30.393	4.9483	3.42782	0.00049	42.4441	213.279
0.5439	1958	42.4441	23.777	37.00	41.250	453.755	11.082	-5.206	21.181	3.449	8.376	35.201	30.399	4.9494	3.42649	0.00049	42.4446	213.343
0.5442	1959	42.4446	23.778	37.00	41.250	453.957	11.087	-5.206	21.183	3.449	8.376	35.194	30.405	4.9504	3.42516	0.00049	42.4451	213.408
0.5444	1960	42.4451	23.778	37.00	41.250	454.159	11.091	-5.206	21.185	3.449	8.375	35.186	30.412	4.9514	3.42383	0.00049	42.4455	213.472
0.5447	1961	42.4455	23.779	37.00	41.250	454.361	11.096	-5.206	21.187	3.450	8.375	35.179	30.418	4.9524	3.42250	0.00049	42.4460	213.536
0.5450	1962	42.4460	23.779	37.00	41.250	454.563	11.101	-5.206	21.189	3.450	8.375	35.172	30.424	4.9534	3.42117	0.00049	42.4465	213.601
0.5453	1963	42.4465	23.780	37.00	41.250	454.765	11.106	-5.206	21.191	3.450	8.374	35.165	30.430	4.9545	3.41984	0.00049	42.4470	213.665
0.5456	1964	42.4470	23.780	37.00	41.250	454.967	11.111	-5.206	21.193	3.450	8.374	35.157	30.437	4.9555	3.41851	0.00049	42.4475	213.729
0.5458	1965	42.4475	23.781	37.00	41.250	455.169	11.116	-5.206	21.194	3.451	8.374	35.150	30.443	4.9565	3.41718	0.00049	42.4480	213.793
0.5461	1966	42.4480	23.781	37.00	41.250	455.371	11.121	-5.206	21.196	3.451	8.373	35.143	30.449	4.9575	3.41585	0.00049	42.4485	213.858
0.5464	1967	42.4485	23.782	37.00	41.250	455.573	11.126	-5.206	21.198	3.451	8.373	35.136	30.455	4.9585	3.41453	0.00049	42.4490	213.922
0.5467	1968	42.4490	23.782	37.00	41.250	455.775	11.131	-5.206	21.200	3.452	8.373	35.129	30.462	4.9596	3.41320	0.00049	42.4495	213.986
0.5469	1969	42.4495	23.783	37.00	41.250	455.977	11.136	-5.206	21.202	3.452	8.372	35.121	30.468	4.9606	3.41187	0.00049	42.4499	214.050
0.5472	1970	42.4499	23.783	37.00	41.250	456.179	11.141	-5.206	21.204	3.452	8.372	35.114	30.474	4.9616	3.41055	0.00049	42.4504	214.114
0.5475	1971	42.4504	23.784	37.00	41.250	456.381	11.146	-5.206	21.206	3.453	8.372	35.107	30.480	4.9626	3.40922	0.00049	42.4509	214.178
0.5478	1972	42.4509	23.784	37.00	41.250	456.583	11.151	-5.206	21.208	3.453	8.372	35.100	30.487	4.9636	3.40790	0.00049	42.4514	214.242
0.5481	1973	42.4514	23.785	37.00	41.250	456.785	11.156	-5.206	21.210	3.453	8.371	35.093	30.493	4.9646	3.40657	0.00049	42.4519	214.306
0.5483	1974	42.4519	23.785	37.00	41.250	456.987	11.161	-5.206	21.212	3.454	8.371	35.085	30.499	4.9657	3.40525	0.00049	42.4524	214.371
0.5486	1975	42.4524	23.786	37.00	41.250	457.189	11.165	-5.206	21.213	3.454	8.371	35.078	30.505	4.9667	3.40393	0.00049	42.4529	214.435
0.5489	1976	42.4529	23.786	37.00	41.250	457.392	11.170	-5.206	21.215	3.454	8.370	35.071	30.512	4.9677	3.40260	0.00049	42.4533	214.498
0.5492	1977	42.4533	23.787	37.00	41.250	457.594	11.175	-5.206	21.217	3.454	8.370	35.064	30.518	4.9687	3.40128	0.00049	42.4538	214.562
0.5494	1978	42.4538	23.787	37.00	41.250	457.796	11.180	-5.206	21.219	3.455	8.370	35.057	30.524	4.9697	3.39996	0.00049	42.4543	214.626
0.5497	1979	42.4543	23.788	37.00	41.250	457.998	11.185	-5.206	21.221	3.455	8.369	35.050	30.530	4.9707	3.39864	0.00049	42.4548	214.690
0.5500	1980	42.4548	23.788	37.00	41.250	458.200	11.190	-5.206	21.223	3.455	8.369	35.042	30.536	4.9717	3.39732	0.00049	42.4553	214.754
0.5503	1981	42.4553	23.789	37.00	41.250	458.402	11.195	-5.206	21.225	3.456	8.369	35.035	30.543	4.9728	3.39600	0.00049	42.4558	214.818
0.5506	1982	42.4558	23.789	37.00	41.250	458.604	11.200	-5.206	21.227	3.456	8.368	35.028	30.549	4.9738	3.39468	0.00048	42.4563	214.882
0.5508	1983	42.4563	23.790	37.00	41.250	458.806	11.205	-5.206	21.229	3.456	8.368	35.021	30.555	4.9748	3.39336	0.00048	42.4567	214.946
0.5511	1984	42.4567	23.790	37.00	41.250	459.008	11.210	-5.206	21.230	3.457	8.368	35.014	30.561	4.9758	3.39204	0.00048	42.4572	215.009
0.5514	1985	42.4572	23.791	37.00	41.250	459.210	11.215	-5.206	21.232	3.457	8.368	35.007	30.568	4.9768	3.39072	0.00048	42.4577	215.073
0.5517	1986	42.4577	23.791	37.00	41.250	459.412	11.220	-5.206	21.234	3.457	8.367	35.000	30.574	4.9778	3.38941	0.00048	42.4582	215.137
0.5519	1987	42.4582	23.792	37.00	41.250	459.614	11.225	-5.206	21.236	3.458	8.367	34.993	30.580	4.9788	3.38809	0.00048	42.4587	215.201
0.5522	1988	42.4587	23.792	37.00	41.250	459.816	11.230	-5.206	21.238	3.458	8.367	34.986	30.586	4.9798	3.38677	0.00048	42.4592	215.264
0.5525	1989	42.4592	23.793	37.00	41.250	460.018	11.235	-5.206	21.240	3.458	8.366	34.978	30.592	4.9808	3.38546	0.00048	42.4596	215.328
0.5528	1990	42.4596	23.793	37.00	41.250	460.220	11.239	-5.206	21.242	3.458	8.366	34.971	30.599	4.9819	3.38414	0.00048	42.4601	215.392

0.5531	1991	42.4601	23.794	37.00	41.250	460.422	11.244	-5.206	21.244	3.459	8.366	34.964	30.605	4.9829	3.38283	0.00048	42.4606	215.455
0.5533	1992	42.4606	23.794	37.00	41.250	460.624	11.249	-5.206	21.245	3.459	8.365	34.957	30.611	4.9839	3.38151	0.00048	42.4611	215.519
0.5536	1993	42.4611	23.794	37.00	41.250	460.826	11.254	-5.206	21.247	3.459	8.365	34.950	30.617	4.9849	3.38020	0.00048	42.4616	215.582
0.5539	1994	42.4616	23.795	37.00	41.250	461.028	11.259	-5.206	21.249	3.460	8.365	34.943	30.623	4.9859	3.37888	0.00048	42.4621	215.646
0.5542	1995	42.4621	23.795	37.00	41.250	461.230	11.264	-5.206	21.251	3.460	8.364	34.936	30.630	4.9869	3.37757	0.00048	42.4625	215.709
0.5544	1996	42.4625	23.796	37.00	41.250	461.432	11.269	-5.206	21.253	3.460	8.364	34.929	30.636	4.9879	3.37626	0.00048	42.4630	215.773
0.5547	1997	42.4630	23.796	37.00	41.250	461.634	11.274	-5.206	21.255	3.461	8.364	34.922	30.642	4.9889	3.37495	0.00048	42.4635	215.836
0.5550	1998	42.4635	23.797	37.00	41.250	461.836	11.279	-5.206	21.257	3.461	8.364	34.915	30.648	4.9899	3.37363	0.00048	42.4640	215.900
0.5553	1999	42.4640	23.797	37.00	41.250	462.038	11.284	-5.206	21.259	3.461	8.363	34.908	30.654	4.9909	3.37232	0.00048	42.4645	215.963
0.5556	2000	42.4645	23.798	37.00	41.250	462.240	11.289	-5.206	21.260	3.461	8.363	34.901	30.660	4.9919	3.37101	0.00048	42.4650	216.026
0.5558	2001	42.4650	23.798	37.00	41.250	462.442	11.294	-5.206	21.262	3.462	8.363	34.894	30.667	4.9929	3.36970	0.00048	42.4654	216.090
0.5561	2002	42.4654	23.799	37.00	41.250	462.644	11.299	-5.206	21.264	3.462	8.362	34.887	30.673	4.9939	3.36839	0.00048	42.4659	216.153
0.5564	2003	42.4659	23.799	37.00	41.250	462.846	11.304	-5.206	21.266	3.462	8.362	34.880	30.679	4.9949	3.36709	0.00048	42.4664	216.216
0.5567	2004	42.4664	23.800	37.00	41.250	463.048	11.309	-5.206	21.268	3.463	8.362	34.873	30.685	4.9959	3.36578	0.00048	42.4669	216.280
0.5569	2005	42.4669	23.800	37.00	41.250	463.250	11.314	-5.206	21.270	3.463	8.361	34.866	30.691	4.9969	3.36447	0.00048	42.4674	216.343
0.5572	2006	42.4674	23.801	37.00	41.250	463.452	11.318	-5.206	21.272	3.463	8.361	34.859	30.697	4.9979	3.36316	0.00048	42.4678	216.406
0.5575	2007	42.4678	23.801	37.00	41.250	463.654	11.323	-5.206	21.274	3.464	8.361	34.852	30.704	4.9990	3.36185	0.00048	42.4683	216.469
0.5578	2008	42.4683	23.802	37.00	41.250	463.856	11.328	-5.206	21.275	3.464	8.361	34.845	30.710	5.0000	3.36055	0.00048	42.4688	216.533
0.5581	2009	42.4688	23.802	37.00	41.250	464.059	11.333	-5.206	21.277	3.464	8.360	34.838	30.716	5.0010	3.35924	0.00048	42.4693	216.596
0.5583	2010	42.4693	23.803	37.00	41.250	464.261	11.338	-5.206	21.279	3.465	8.360	34.831	30.722	5.0020	3.35794	0.00048	42.4698	216.659
0.5586	2011	42.4698	23.803	37.00	41.250	464.463	11.343	-5.206	21.281	3.465	8.360	34.824	30.728	5.0030	3.35663	0.00048	42.4702	216.722
0.5589	2012	42.4702	23.804	37.00	41.250	464.665	11.348	-5.206	21.283	3.465	8.359	34.817	30.734	5.0040	3.35533	0.00048	42.4707	216.785
0.5592	2013	42.4707	23.804	37.00	41.250	464.867	11.353	-5.206	21.285	3.465	8.359	34.810	30.740	5.0050	3.35402	0.00048	42.4712	216.848
0.5594	2014	42.4712	23.805	37.00	41.250	465.069	11.358	-5.206	21.287	3.466	8.359	34.803	30.747	5.0060	3.35272	0.00048	42.4717	216.911
0.5597	2015	42.4717	23.805	37.00	41.250	465.271	11.363	-5.206	21.289	3.466	8.358	34.796	30.753	5.0070	3.35142	0.00048	42.4722	216.974
0.5600	2016	42.4722	23.806	37.00	41.250	465.473	11.368	-5.206	21.290	3.466	8.358	34.789	30.759	5.0080	3.35012	0.00048	42.4726	217.037
0.5603	2017	42.4726	23.806	37.00	41.250	465.675	11.373	-5.206	21.292	3.467	8.358	34.782	30.765	5.0090	3.34881	0.00048	42.4731	217.100
0.5606	2018	42.4731	23.807	37.00	41.250	465.877	11.378	-5.206	21.294	3.467	8.357	34.775	30.771	5.0100	3.34751	0.00048	42.4736	217.163
0.5608	2019	42.4736	23.807	37.00	41.250	466.079	11.383	-5.206	21.296	3.467	8.357	34.768	30.777	5.0109	3.34621	0.00048	42.4741	217.226
0.5611	2020	42.4741	23.807	37.00	41.250	466.281	11.388	-5.206	21.298	3.468	8.357	34.761	30.783	5.0119	3.34491	0.00048	42.4745	217.289
0.5614	2021	42.4745	23.808	37.00	41.250	466.483	11.392	-5.206	21.300	3.468	8.357	34.754	30.790	5.0129	3.34361	0.00048	42.4750	217.352
0.5617	2022	42.4750	23.808	37.00	41.250	466.685	11.397	-5.206	21.302	3.468	8.356	34.748	30.796	5.0139	3.34231	0.00048	42.4755	217.415
0.5619	2023	42.4755	23.809	37.00	41.250	466.887	11.402	-5.206	21.303	3.468	8.356	34.741	30.802	5.0149	3.34101	0.00048	42.4760	217.477
0.5622	2024	42.4760	23.809	37.00	41.250	467.089	11.407	-5.206	21.305	3.469	8.356	34.734	30.808	5.0159	3.33972	0.00048	42.4765	217.540
0.5625	2025	42.4765	23.810	37.00	41.250	467.291	11.412	-5.206	21.307	3.469	8.355	34.727	30.814	5.0169	3.33842	0.00048	42.4769	217.603
0.5628	2026	42.4769	23.810	37.00	41.250	467.493	11.417	-5.206	21.309	3.469	8.355	34.720	30.820	5.0179	3.33712	0.00048	42.4774	217.666
0.5631	2027	42.4774	23.811	37.00	41.250	467.695	11.422	-5.206	21.311	3.470	8.355	34.713	30.826	5.0189	3.33582	0.00048	42.4779	217.728
0.5633	2028	42.4779	23.811	37.00	41.250	467.897	11.427	-5.206	21.313	3.470	8.354	34.706	30.832	5.0199	3.33453	0.00048	42.4784	217.791
0.5636	2029	42.4784	23.812	37.00	41.250	468.099	11.432	-5.206	21.315	3.470	8.354	34.699	30.838	5.0209	3.33323	0.00048	42.4788	217.854
0.5639	2030	42.4788	23.812	37.00	41.250	468.301	11.437	-5.206	21.316	3.471	8.354	34.692	30.845	5.0219	3.33194	0.00048	42.4793	217.916
0.5642	2031	42.4793	23.813	37.00	41.250	468.503	11.442	-5.206	21.318	3.471	8.354	34.686	30.851	5.0229	3.33064	0.00048	42.4798	217.979
0.5644	2032	42.4798	23.813	37.00	41.250	468.705	11.447	-5.206	21.320	3.471	8.353	34.679	30.857	5.0239	3.32935	0.00048	42.4803	218.042
0.5647	2033	42.4803	23.814	37.00	41.250	468.907	11.452	-5.206	21.322	3.471	8.353	34.672	30.863	5.0249	3.32805	0.00048	42.4807	218.104
0.5650	2034	42.4807	23.814	37.00	41.250	469.109	11.457	-5.206	21.324	3.472	8.353	34.665	30.869	5.0259	3.32676	0.00048	42.4812	218.167
0.5653	2035	42.4812	23.815	37.00	41.250	469.311	11.462	-5.206	21.326	3.472	8.352	34.658	30.875	5.0269	3.32547	0.00048	42.4817	218.229
0.5656	2036	42.4817	23.815	37.00	41.250	469.513	11.466	-5.206	21.327	3.472	8.352	34.651	30.881	5.0279	3.32418	0.00047	42.4822	218.292
0.5658	2037	42.4822	23.816	37.00	41.250	469.715	11.471	-5.206	21.329	3.473	8.352	34.645	30.887	5.0288	3.32288	0.00047	42.4826	218.354
0.5661	2038	42.4826	23.816	37.00	41.250	469.917	11.476	-5.206	21.331	3.473	8.351	34.638	30.893	5.0298	3.32159	0.00047	42.4831	218.417
0.5664	2039	42.4831	23.817	37.00	41.250	470.119	11.481	-5.206	21.333	3.473	8.351	34.631	30.899	5.0308	3.32030	0.00047	42.4836	218.479
0.5667	2040	42.4836	23.817	37.00	41.250	470.321	11.486	-5.206	21.335	3.474	8.351	34.624	30.905	5.0318	3.31901	0.00047	42.4841	218.542
0.5669	2041	42.4841	23.817	37.00	41.250	470.523	11.491	-5.206	21.337	3.474	8.351	34.617	30.911	5.0328	3.31772	0.00047	42.4845	218.604
0.5672	2042	42.4845	23.818	37.00	41.250	470.726	11.496	-5.206	21.339	3.474	8.350	34.611	30.918	5.0338	3.31643	0.00047	42.4850	218.666
0.5675	2043	42.4850	23.818	37.00	41.250	470.928	11.501	-5.206	21.340	3.475	8.350	34.604	30.924	5.0348	3.31514	0.00047	42.4855	218.729
0.5678	2044	42.4855	23.819	37.00	41.250	471.130	11.506	-5.206	21.342	3.475	8.350	34.597	30.930	5.0358	3.31386	0.00047	42.4860	218.791
0.5681	2045	42.4860	23.819	37.00	41.250	471.332	11.511	-5.206	21.344	3.475	8.349	34.590	30.936	5.0368	3.31257	0.00047	42.4864	218.853
0.5683	2046	42.4864	23.820	37.00	41.250	471.534	11.516	-5.206	21.346	3.475	8.349	34.583	30.942	5.0377	3.31128	0.00047	42.4869	218.915
0.5686	2047	42.4869	23.820	37.00	41.250	471.736	11.521	-5.206	21.348	3.476	8.349	34.577	30.948	5.0387	3.31000	0.00047	42.4874	218.978
0.5689	2048	42.4874	23.821	37.00	41.250	471.938	11.526	-5.206	21.350	3.476	8.348	34.570	30.954	5.0397	3.30871	0.00047	42.4879	219.040
0.5692	2049	42.4879	23.821	37.00	41.250	472.140	11.531	-5.206	21.351	3.476	8.348	34.563	30.960	5.0407	3.30742	0.00047	42.4883	219.102
0.5694	2050	42.4883	23.822	37.00	41.250	472.342	11.536	-5.206	21.353	3.477	8.348	34.556	30.966	5.0417	3.30614	0.00047	42.4888	219.164
0.5697	2051	42.4888	23.822	37.00	41.250	472.544	11.540	-5.206	21.355	3.477	8.348	34.550	30.972	5.0427	3.30485	0.00047	42.4893	219.226
0.5700	2052	42.4893	23.823	37.00	41.250	472.746	11.545	-5.206	21.357	3.477	8.347	34.543	30.978	5.0437	3.30357	0.00047	42.4897	219.288
0.5703	2053	42.4897	23.823	37.00	41.250	472.948	11.550	-5.206	21.359	3.477	8.347	34.536	30.984	5.0446	3.30229	0.00047	42.4902	219.351
0.5706	2054	42.4902	23.824	37.00	41.250	473.150	11.555	-5.206	21.361	3.478	8.347	34.529	30.990	5.0456	3.30100	0.00047	42.4907	219.413
0.5708	2055	42.4907	23.824	37.00	41.250	473.352	11.560	-5.206	21.362	3.478	8.346	34.523	30.996	5.0466	3.29972	0.00047	42.4912	219.475
0.5711	2056	42.4912	23.825	37.00	41.250	473.554	11.565	-5.206	21.364	3.478	8.346	34.516	31.002	5.0476	3.29844	0.00047	42.4916	219.537
0.5714	2057	42.4916	23.825	37.00	41.250	473.756	11.570	-5.206	21.366	3.479	8.346	34.509	31.008	5.0486	3.29716	0.00047	42.4921	219.599
0.5717	2058	42.4921	23.825	37.00	41.250	473.958	11.575	-5.206	21.368	3.479	8.345	34.502	31.014	5.0496	3.29587	0.00047	42.4926	219.661
0.5719	2059	42.4926	23.826	37.00	41.250	474.160	11.580	-5.206	21.370	3.479	8.345	34.496	31.020	5.0505	3.29459	0.00047	42.4930	219.723
0.5722	2060	42.4930	23.826	37.00	41.250	474.362	11.585	-5.206	21.372	3.480	8.345	34.489	31.026	5.0515	3.29331	0.00047	42.4935	219.785
0.5725	2061	42.4935	23.827	37.00	41.250	474.564	11.590	-5.206	21.373	3.480	8.345	34.482	31.033	5.0525	3.29203	0.00047	42.4940	219.846
0.5728	2062	42.4940	23.827	37.00	41.250	474.766	11.595	-5.206	21.375	3.480	8.344	34.476	31.039	5.0535	3.29075	0.00047	42.4945	219.908
0.5731	2063	42.4945	23.828	37.00	41.250	474.968	11.600	-5.206	21.377	3.480	8.344	34.469	31.045	5.0545	3.28948	0.00047	42.4949	219.970
0.5733	2064	42.4949	23.828	37.00	41.250	475.170	11.605	-5.206	21.379	3.481	8.344	34.462	31.051	5.0555	3.28820	0.00047	42.4954	220.032
0.5736	2065	42.4954	23.829	37.00	41.250	475.372	11.610	-5.206	21.381	3.481	8.343	34.456	31.057	5.0564	3.28692	0.00047	42.4959	220.094
0.5739	2066	42.4959	23.829	37.00	41.250	475.574	11.614	-5.206	21.383	3.481	8.343	34.449	31.063	5.0574	3.28564	0.00047	42.4963	220.156
0.5742	2067	42.4963	23.830	37.00	41.250	475.776	11.619	-5.206	21.384	3.482	8.343	34.442	31.069	5.0584	3.28437	0.00047	42.4968	220.217
0.5744	2068	42.4968	23.830	37.00	41.250	475.978	11.624	-5.206	21.386	3.482	8.342	34.436	31.075	5.0594	3.28309	0.00047	42.4973	220.279
0.5747	2069	42.4973	23.831	37.00	41.250	476.180	11.629	-5.206	21.388	3.482	8.342	34.429	31.081	5.0604	3.28181	0.00047	42.4977	220.341
0.5750	2070	42.4977	23.831	37.00	41.250	476.382	11.634	-5.206	21.390	3.483	8.342	34.422	31.087	5.0613	3.28054	0.00047	42.4982	220.402
0.5753	2071	42.4982	23.832	37.00	41.250	476.584	11.639	-5.206	21.392	3.483	8.342	34.416	31.093	5.0623	3.27926	0.00047	42.4987	220.464

0.5756	2072	42.4987	23.832	37.00	41.250	476.786	11.644	-5.206	21.394	3.483	8.341	34.409	31.099	5.0633	3.27799	0.00047	42.4991	220.526
0.5758	2073	42.4991	23.833	37.00	41.250	476.988	11.649	-5.206	21.395	3.483	8.341	34.402	31.105	5.0643	3.27672	0.00047	42.4996	220.587
0.5761	2074	42.4996	23.833	37.00	41.250	477.190	11.654	-5.206	21.397	3.484	8.341	34.396	31.111	5.0652	3.27544	0.00047	42.5001	220.649
0.5764	2075	42.5001	23.833	37.00	41.250	477.392	11.659	-5.206	21.399	3.484	8.340	34.389	31.117	5.0662	3.27417	0.00047	42.5005	220.710
0.5767	2076	42.5005	23.834	37.00	41.250	477.595	11.664	-5.206	21.401	3.484	8.340	34.382	31.123	5.0672	3.27290	0.00047	42.5010	220.772
0.5769	2077	42.5010	23.834	37.00	41.250	477.797	11.669	-5.206	21.403	3.485	8.340	34.376	31.129	5.0682	3.27163	0.00047	42.5015	220.833
0.5772	2078	42.5015	23.835	37.00	41.250	477.999	11.674	-5.206	21.404	3.485	8.339	34.369	31.135	5.0691	3.27035	0.00047	42.5019	220.895
0.5775	2079	42.5019	23.835	37.00	41.250	478.201	11.679	-5.206	21.406	3.485	8.339	34.363	31.141	5.0701	3.26908	0.00047	42.5024	220.956
0.5778	2080	42.5024	23.836	37.00	41.250	478.403	11.684	-5.206	21.408	3.486	8.339	34.356	31.147	5.0711	3.26781	0.00047	42.5029	221.018
0.5781	2081	42.5029	23.836	37.00	41.250	478.605	11.688	-5.206	21.410	3.486	8.339	34.349	31.153	5.0721	3.26654	0.00047	42.5033	221.079
0.5783	2082	42.5033	23.837	37.00	41.250	478.807	11.693	-5.206	21.412	3.486	8.338	34.343	31.159	5.0730	3.26527	0.00047	42.5038	221.141
0.5786	2083	42.5038	23.837	37.00	41.250	479.009	11.698	-5.206	21.414	3.486	8.338	34.336	31.165	5.0740	3.26401	0.00047	42.5043	221.202
0.5789	2084	42.5043	23.838	37.00	41.250	479.211	11.703	-5.206	21.415	3.487	8.338	34.330	31.171	5.0750	3.26274	0.00047	42.5047	221.263
0.5792	2085	42.5047	23.838	37.00	41.250	479.413	11.708	-5.206	21.417	3.487	8.337	34.323	31.177	5.0760	3.26147	0.00047	42.5052	221.325
0.5794	2086	42.5052	23.839	37.00	41.250	479.615	11.713	-5.206	21.419	3.487	8.337	34.316	31.183	5.0769	3.26020	0.00047	42.5057	221.386
0.5797	2087	42.5057	23.839	37.00	41.250	479.817	11.718	-5.206	21.421	3.488	8.337	34.310	31.188	5.0779	3.25894	0.00047	42.5061	221.447
0.5800	2088	42.5061	23.840	37.00	41.250	480.019	11.723	-5.206	21.423	3.488	8.337	34.303	31.194	5.0789	3.25767	0.00047	42.5066	221.509
0.5803	2089	42.5066	23.840	37.00	41.250	480.221	11.728	-5.206	21.424	3.488	8.336	34.297	31.200	5.0798	3.25640	0.00047	42.5071	221.570
0.5806	2090	42.5071	23.840	37.00	41.250	480.423	11.733	-5.206	21.426	3.488	8.336	34.290	31.206	5.0808	3.25514	0.00047	42.5075	221.631
0.5808	2091	42.5075	23.841	37.00	41.250	480.625	11.738	-5.206	21.428	3.489	8.336	34.284	31.212	5.0818	3.25387	0.00046	42.5080	221.692
0.5811	2092	42.5080	23.841	37.00	41.250	480.827	11.743	-5.206	21.430	3.489	8.335	34.277	31.218	5.0828	3.25261	0.00046	42.5085	221.753
0.5814	2093	42.5085	23.842	37.00	41.250	481.029	11.748	-5.206	21.432	3.489	8.335	34.271	31.224	5.0837	3.25134	0.00046	42.5089	221.814
0.5817	2094	42.5089	23.842	37.00	41.250	481.231	11.753	-5.206	21.433	3.490	8.335	34.264	31.230	5.0847	3.25008	0.00046	42.5094	221.876
0.5819	2095	42.5094	23.843	37.00	41.250	481.433	11.758	-5.206	21.435	3.490	8.334	34.258	31.236	5.0857	3.24882	0.00046	42.5099	221.937
0.5822	2096	42.5099	23.843	37.00	41.250	481.635	11.762	-5.206	21.437	3.490	8.334	34.251	31.242	5.0866	3.24756	0.00046	42.5103	221.998
0.5825	2097	42.5103	23.844	37.00	41.250	481.837	11.767	-5.206	21.439	3.491	8.334	34.244	31.248	5.0876	3.24629	0.00046	42.5108	222.059
0.5828	2098	42.5108	23.844	37.00	41.250	482.039	11.772	-5.206	21.441	3.491	8.334	34.238	31.254	5.0886	3.24503	0.00046	42.5113	222.120
0.5831	2099	42.5113	23.845	37.00	41.250	482.241	11.777	-5.206	21.442	3.491	8.333	34.231	31.260	5.0895	3.24377	0.00046	42.5117	222.181
0.5833	2100	42.5117	23.845	37.00	41.250	482.443	11.782	-5.206	21.444	3.491	8.333	34.225	31.266	5.0905	3.24251	0.00046	42.5122	222.242
0.5836	2101	42.5122	23.846	37.00	41.250	482.645	11.787	-5.206	21.446	3.492	8.333	34.218	31.272	5.0915	3.24125	0.00046	42.5126	222.303
0.5839	2102	42.5126	23.846	37.00	41.250	482.847	11.792	-5.206	21.448	3.492	8.332	34.212	31.278	5.0924	3.23999	0.00046	42.5131	222.364
0.5842	2103	42.5131	23.846	37.00	41.250	483.049	11.797	-5.206	21.450	3.492	8.332	34.205	31.284	5.0934	3.23873	0.00046	42.5136	222.424
0.5844	2104	42.5136	23.847	37.00	41.250	483.251	11.802	-5.206	21.451	3.493	8.332	34.199	31.290	5.0944	3.23747	0.00046	42.5140	222.485
0.5847	2105	42.5140	23.847	37.00	41.250	483.453	11.807	-5.206	21.453	3.493	8.332	34.193	31.296	5.0953	3.23622	0.00046	42.5145	222.546
0.5850	2106	42.5145	23.848	37.00	41.250	483.655	11.812	-5.206	21.455	3.493	8.331	34.186	31.301	5.0963	3.23496	0.00046	42.5150	222.607
0.5853	2107	42.5150	23.848	37.00	41.250	483.857	11.817	-5.206	21.457	3.493	8.331	34.180	31.307	5.0973	3.23370	0.00046	42.5154	222.668
0.5856	2108	42.5154	23.849	37.00	41.250	484.059	11.822	-5.206	21.459	3.494	8.331	34.173	31.313	5.0982	3.23245	0.00046	42.5159	222.729
0.5858	2109	42.5159	23.849	37.00	41.250	484.262	11.827	-5.206	21.460	3.494	8.330	34.167	31.319	5.0992	3.23119	0.00046	42.5163	222.789
0.5861	2110	42.5163	23.850	37.00	41.250	484.464	11.832	-5.206	21.462	3.494	8.330	34.160	31.325	5.1001	3.22993	0.00046	42.5168	222.850
0.5864	2111	42.5168	23.850	37.00	41.250	484.666	11.837	-5.206	21.464	3.495	8.330	34.154	31.331	5.1011	3.22868	0.00046	42.5173	222.911
0.5867	2112	42.5173	23.851	37.00	41.250	484.868	11.841	-5.206	21.466	3.495	8.329	34.147	31.337	5.1021	3.22742	0.00046	42.5177	222.971
0.5869	2113	42.5177	23.851	37.00	41.250	485.070	11.846	-5.206	21.468	3.495	8.329	34.141	31.343	5.1030	3.22617	0.00046	42.5182	223.032
0.5872	2114	42.5182	23.852	37.00	41.250	485.272	11.851	-5.206	21.469	3.496	8.329	34.134	31.349	5.1040	3.22492	0.00046	42.5186	223.093
0.5875	2115	42.5186	23.852	37.00	41.250	485.474	11.856	-5.206	21.471	3.496	8.329	34.128	31.355	5.1050	3.22366	0.00046	42.5191	223.153
0.5878	2116	42.5191	23.852	37.00	41.250	485.676	11.861	-5.206	21.473	3.496	8.328	34.122	31.361	5.1059	3.22241	0.00046	42.5196	223.214
0.5881	2117	42.5196	23.853	37.00	41.250	485.878	11.866	-5.206	21.475	3.496	8.328	34.115	31.366	5.1069	3.22116	0.00046	42.5200	223.274
0.5883	2118	42.5200	23.853	37.00	41.250	486.080	11.871	-5.206	21.477	3.497	8.328	34.109	31.372	5.1078	3.21991	0.00046	42.5205	223.335
0.5886	2119	42.5205	23.854	37.00	41.250	486.282	11.876	-5.206	21.478	3.497	8.327	34.102	31.378	5.1088	3.21866	0.00046	42.5209	223.396
0.5889	2120	42.5209	23.854	37.00	41.250	486.484	11.881	-5.206	21.480	3.497	8.327	34.096	31.384	5.1098	3.21740	0.00046	42.5214	223.456
0.5892	2121	42.5214	23.855	37.00	41.250	486.686	11.886	-5.206	21.482	3.498	8.327	34.090	31.390	5.1107	3.21615	0.00046	42.5219	223.516
0.5894	2122	42.5219	23.855	37.00	41.250	486.888	11.891	-5.206	21.484	3.498	8.327	34.083	31.396	5.1117	3.21490	0.00046	42.5223	223.577
0.5897	2123	42.5223	23.856	37.00	41.250	487.090	11.896	-5.206	21.486	3.498	8.326	34.077	31.402	5.1126	3.21366	0.00046	42.5228	223.637
0.5900	2124	42.5228	23.856	37.00	41.250	487.292	11.901	-5.206	21.487	3.498	8.326	34.070	31.408	5.1136	3.21241	0.00046	42.5232	223.698
0.5903	2125	42.5232	23.857	37.00	41.250	487.494	11.906	-5.206	21.489	3.499	8.326	34.064	31.414	5.1146	3.21116	0.00046	42.5237	223.758
0.5906	2126	42.5237	23.857	37.00	41.250	487.696	11.911	-5.206	21.491	3.499	8.325	34.058	31.419	5.1155	3.20991	0.00046	42.5242	223.818
0.5908	2127	42.5242	23.858	37.00	41.250	487.898	11.915	-5.206	21.493	3.499	8.325	34.051	31.425	5.1165	3.20866	0.00046	42.5246	223.879
0.5911	2128	42.5246	23.858	37.00	41.250	488.100	11.920	-5.206	21.494	3.500	8.325	34.045	31.431	5.1174	3.20742	0.00046	42.5251	223.939
0.5914	2129	42.5251	23.858	37.00	41.250	488.302	11.925	-5.206	21.496	3.500	8.325	34.039	31.437	5.1184	3.20617	0.00046	42.5255	223.999
0.5917	2130	42.5255	23.859	37.00	41.250	488.504	11.930	-5.206	21.498	3.500	8.324	34.032	31.443	5.1193	3.20492	0.00046	42.5260	224.060
0.5919	2131	42.5260	23.859	37.00	41.250	488.706	11.935	-5.206	21.500	3.500	8.324	34.026	31.449	5.1203	3.20368	0.00046	42.5265	224.120
0.5922	2132	42.5265	23.860	37.00	41.250	488.908	11.940	-5.206	21.502	3.501	8.324	34.019	31.455	5.1212	3.20243	0.00046	42.5269	224.180
0.5925	2133	42.5269	23.860	37.00	41.250	489.110	11.945	-5.206	21.503	3.501	8.323	34.013	31.461	5.1222	3.20119	0.00046	42.5274	224.240
0.5928	2134	42.5274	23.861	37.00	41.250	489.312	11.950	-5.206	21.505	3.501	8.323	34.007	31.466	5.1232	3.19995	0.00046	42.5278	224.300
0.5931	2135	42.5278	23.861	37.00	41.250	489.514	11.955	-5.206	21.507	3.502	8.323	34.000	31.472	5.1241	3.19870	0.00046	42.5283	224.361
0.5933	2136	42.5283	23.862	37.00	41.250	489.716	11.960	-5.206	21.509	3.502	8.323	33.994	31.478	5.1251	3.19746	0.00046	42.5287	224.421
0.5936	2137	42.5287	23.862	37.00	41.250	489.918	11.965	-5.206	21.511	3.502	8.322	33.988	31.484	5.1260	3.19622	0.00046	42.5292	224.481
0.5939	2138	42.5292	23.863	37.00	41.250	490.120	11.970	-5.206	21.512	3.502	8.322	33.982	31.490	5.1270	3.19498	0.00046	42.5297	224.541
0.5942	2139	42.5297	23.863	37.00	41.250	490.322	11.975	-5.206	21.514	3.503	8.322	33.975	31.496	5.1279	3.19373	0.00046	42.5301	224.601
0.5944	2140	42.5301	23.863	37.00	41.250	490.524	11.980	-5.206	21.516	3.503	8.321	33.969	31.502	5.1289	3.19249	0.00046	42.5306	224.661
0.5947	2141	42.5306	23.864	37.00	41.250	490.726	11.985	-5.206	21.518	3.503	8.321	33.963	31.507	5.1298	3.19125	0.00046	42.5310	224.721
0.5950	2142	42.5310	23.864	37.00	41.250	490.928	11.989	-5.206	21.519	3.504	8.321	33.956	31.513	5.1308	3.19001	0.00046	42.5315	224.781
0.5953	2143	42.5315	23.865	37.00	41.250	491.131	11.994	-5.206	21.521	3.504	8.320	33.950	31.519	5.1317	3.18877	0.00046	42.5319	224.841
0.5956	2144	42.5319	23.865	37.00	41.250	491.333	11.999	-5.206	21.523	3.504	8.320	33.944	31.525	5.1327	3.18753	0.00046	42.5324	224.901
0.5958	2145	42.5324	23.866	37.00	41.250	491.535	12.004	-5.206	21.525	3.505	8.320	33.937	31.531	5.1336	3.18629	0.00046	42.5328	224.961
0.5961	2146	42.5328	23.866	37.00	41.250	491.737	12.009	-5.206	21.526	3.505	8.320	33.931	31.537	5.1346	3.18506	0.00046	42.5333	225.021
0.5964	2147	42.5333	23.867	37.00	41.250	491.939	12.014	-5.206	21.528	3.505	8.319	33.925	31.542	5.1355	3.18382	0.00045	42.5338	225.080
0.5967	2148	42.5338	23.867	37.00	41.250	492.141	12.019	-5.206	21.530	3.505	8.319	33.919	31.548	5.1365	3.18258	0.00045	42.5342	225.140
0.5969	2149	42.5342	23.868	37.00	41.250	492.343	12.024	-5.206	21.532	3.506	8.319	33.912	31.554	5.1374	3.18135	0.00045	42.5347	225.200
0.5972	2150	42.5347	23.868	37.00	41.250	492.545	12.029	-5.206	21.534	3.506	8.318	33.906	31.560	5.1384	3.18011	0.00045	42.5351	225.260
0.5975	2151	42.5351	23.869	37.00	41.250	492.747	12.034	-5.206	21.535	3.506	8.318	33.900	31.566	5.1393	3.17887	0.00045	42.5356	225.320
0.5978	2152	42.5356	23.869	37.00	41.250	492.949	12.039	-5.206	21.537	3.507	8.318	33.894	31.572	5.1403	3.17764	0.00045	42.5360	225.379

0.5981	2153	42.5360	23.869	37.00	41.250	493.151	12.044	-5.206	21.539	3.507	8.318	33.887	31.577	5.1412	3.17640	0.00045	42.5365	225.439
0.5983	2154	42.5365	23.870	37.00	41.250	493.353	12.049	-5.206	21.541	3.507	8.317	33.881	31.583	5.1422	3.17517	0.00045	42.5369	225.499
0.5986	2155	42.5369	23.870	37.00	41.250	493.555	12.054	-5.206	21.542	3.507	8.317	33.875	31.589	5.1431	3.17394	0.00045	42.5374	225.558
0.5989	2156	42.5374	23.871	37.00	41.250	493.757	12.059	-5.206	21.544	3.508	8.317	33.869	31.595	5.1441	3.17270	0.00045	42.5378	225.618
0.5992	2157	42.5378	23.871	37.00	41.250	493.959	12.063	-5.206	21.546	3.508	8.316	33.862	31.601	5.1450	3.17147	0.00045	42.5383	225.678
0.5994	2158	42.5383	23.872	37.00	41.250	494.161	12.068	-5.206	21.548	3.508	8.316	33.856	31.606	5.1459	3.17024	0.00045	42.5387	225.737
0.5997	2159	42.5387	23.872	37.00	41.250	494.363	12.073	-5.206	21.549	3.509	8.316	33.850	31.612	5.1469	3.16900	0.00045	42.5392	225.797
0.6000	2160	42.5392	23.873	37.00	41.250	494.565	12.078	-5.206	21.551	3.509	8.316	33.844	31.618	5.1478	3.16777	0.00045	42.5396	225.857
0.6003	2161	42.5396	23.873	37.00	41.250	494.767	12.083	-5.206	21.553	3.509	8.315	33.838	31.624	5.1488	3.16654	0.00045	42.5401	225.916
0.6006	2162	42.5401	23.873	37.00	41.250	494.969	12.088	-5.206	21.555	3.509	8.315	33.831	31.630	5.1497	3.16531	0.00045	42.5406	225.976
0.6008	2163	42.5406	23.874	37.00	41.250	495.171	12.093	-5.206	21.556	3.510	8.315	33.825	31.635	5.1507	3.16408	0.00045	42.5410	226.035
0.6011	2164	42.5410	23.874	37.00	41.250	495.373	12.098	-5.206	21.558	3.510	8.314	33.819	31.641	5.1516	3.16285	0.00045	42.5415	226.095
0.6014	2165	42.5415	23.875	37.00	41.250	495.575	12.103	-5.206	21.560	3.510	8.314	33.813	31.647	5.1526	3.16162	0.00045	42.5419	226.154
0.6017	2166	42.5419	23.875	37.00	41.250	495.777	12.108	-5.206	21.562	3.511	8.314	33.807	31.653	5.1535	3.16039	0.00045	42.5424	226.213
0.6019	2167	42.5424	23.876	37.00	41.250	495.979	12.113	-5.206	21.564	3.511	8.314	33.800	31.659	5.1544	3.15917	0.00045	42.5428	226.273
0.6022	2168	42.5428	23.876	37.00	41.250	496.181	12.118	-5.206	21.565	3.511	8.313	33.794	31.664	5.1554	3.15794	0.00045	42.5433	226.332
0.6025	2169	42.5433	23.877	37.00	41.250	496.383	12.123	-5.206	21.567	3.511	8.313	33.788	31.670	5.1563	3.15671	0.00045	42.5437	226.392
0.6028	2170	42.5437	23.877	37.00	41.250	496.585	12.128	-5.206	21.569	3.512	8.313	33.782	31.676	5.1573	3.15549	0.00045	42.5442	226.451
0.6031	2171	42.5442	23.878	37.00	41.250	496.787	12.133	-5.206	21.571	3.512	8.312	33.776	31.682	5.1582	3.15426	0.00045	42.5446	226.510
0.6033	2172	42.5446	23.878	37.00	41.250	496.989	12.137	-5.206	21.572	3.512	8.312	33.770	31.687	5.1591	3.15303	0.00045	42.5451	226.569
0.6036	2173	42.5451	23.878	37.00	41.250	497.191	12.142	-5.206	21.574	3.513	8.312	33.763	31.693	5.1601	3.15181	0.00045	42.5455	226.629
0.6039	2174	42.5455	23.879	37.00	41.250	497.393	12.147	-5.206	21.576	3.513	8.312	33.757	31.699	5.1610	3.15058	0.00045	42.5460	226.688
0.6042	2175	42.5460	23.879	37.00	41.250	497.595	12.152	-5.206	21.578	3.513	8.311	33.751	31.705	5.1620	3.14936	0.00045	42.5464	226.747
0.6044	2176	42.5464	23.880	37.00	41.250	497.798	12.157	-5.206	21.579	3.513	8.311	33.745	31.711	5.1629	3.14814	0.00045	42.5469	226.806
0.6047	2177	42.5469	23.880	37.00	41.250	498.000	12.162	-5.206	21.581	3.514	8.311	33.739	31.716	5.1638	3.14691	0.00045	42.5473	226.865
0.6050	2178	42.5473	23.881	37.00	41.250	498.202	12.167	-5.206	21.583	3.514	8.310	33.733	31.722	5.1648	3.14569	0.00045	42.5478	226.925
0.6053	2179	42.5478	23.881	37.00	41.250	498.404	12.172	-5.206	21.585	3.514	8.310	33.727	31.728	5.1657	3.14447	0.00045	42.5482	226.984
0.6056	2180	42.5482	23.882	37.00	41.250	498.606	12.177	-5.206	21.586	3.515	8.310	33.721	31.734	5.1666	3.14325	0.00045	42.5487	227.043
0.6058	2181	42.5487	23.882	37.00	41.250	498.808	12.182	-5.206	21.588	3.515	8.310	33.714	31.739	5.1676	3.14202	0.00045	42.5491	227.102
0.6061	2182	42.5491	23.882	37.00	41.250	499.010	12.187	-5.206	21.590	3.515	8.309	33.708	31.745	5.1685	3.14080	0.00045	42.5496	227.161
0.6064	2183	42.5496	23.883	37.00	41.250	499.212	12.192	-5.206	21.592	3.515	8.309	33.702	31.751	5.1695	3.13958	0.00045	42.5500	227.220
0.6067	2184	42.5500	23.883	37.00	41.250	499.414	12.197	-5.206	21.593	3.516	8.309	33.696	31.757	5.1704	3.13836	0.00045	42.5505	227.279
0.6069	2185	42.5505	23.884	37.00	41.250	499.616	12.202	-5.206	21.595	3.516	8.308	33.690	31.762	5.1713	3.13714	0.00045	42.5509	227.338
0.6072	2186	42.5509	23.884	37.00	41.250	499.818	12.207	-5.206	21.597	3.516	8.308	33.684	31.768	5.1723	3.13592	0.00045	42.5514	227.397
0.6075	2187	42.5514	23.885	37.00	41.250	500.020	12.211	-5.206	21.598	3.517	8.308	33.678	31.774	5.1732	3.13471	0.00045	42.5518	227.456
0.6078	2188	42.5518	23.885	37.00	41.250	500.222	12.216	-5.206	21.600	3.517	8.308	33.672	31.780	5.1741	3.13349	0.00045	42.5522	227.515
0.6081	2189	42.5522	23.886	37.00	41.250	500.424	12.221	-5.206	21.602	3.517	8.307	33.666	31.785	5.1751	3.13227	0.00045	42.5527	227.574
0.6083	2190	42.5527	23.886	37.00	41.250	500.626	12.226	-5.206	21.604	3.517	8.307	33.660	31.791	5.1760	3.13105	0.00045	42.5531	227.633
0.6086	2191	42.5531	23.887	37.00	41.250	500.828	12.231	-5.206	21.605	3.518	8.307	33.654	31.797	5.1769	3.12984	0.00045	42.5536	227.691
0.6089	2192	42.5536	23.887	37.00	41.250	501.030	12.236	-5.206	21.607	3.518	8.306	33.647	31.802	5.1779	3.12862	0.00045	42.5540	227.750
0.6092	2193	42.5540	23.887	37.00	41.250	501.232	12.241	-5.206	21.609	3.518	8.306	33.641	31.808	5.1788	3.12740	0.00045	42.5545	227.809
0.6094	2194	42.5545	23.888	37.00	41.250	501.434	12.246	-5.206	21.611	3.519	8.306	33.635	31.814	5.1797	3.12619	0.00045	42.5549	227.868
0.6097	2195	42.5549	23.888	37.00	41.250	501.636	12.251	-5.206	21.612	3.519	8.306	33.629	31.820	5.1807	3.12497	0.00045	42.5554	227.927
0.6100	2196	42.5554	23.889	37.00	41.250	501.838	12.256	-5.206	21.614	3.519	8.305	33.623	31.825	5.1816	3.12376	0.00045	42.5558	227.985
0.6103	2197	42.5558	23.889	37.00	41.250	502.040	12.261	-5.206	21.616	3.519	8.305	33.617	31.831	5.1825	3.12255	0.00045	42.5563	228.044
0.6106	2198	42.5563	23.890	37.00	41.250	502.242	12.266	-5.206	21.618	3.520	8.305	33.611	31.837	5.1835	3.12133	0.00045	42.5567	228.103
0.6108	2199	42.5567	23.890	37.00	41.250	502.444	12.271	-5.206	21.619	3.520	8.305	33.605	31.843	5.1844	3.12012	0.00045	42.5572	228.161
0.6111	2200	42.5572	23.891	37.00	41.250	502.646	12.276	-5.206	21.621	3.520	8.304	33.599	31.848	5.1853	3.11891	0.00045	42.5576	228.220
0.6114	2201	42.5576	23.891	37.00	41.250	502.848	12.281	-5.206	21.623	3.520	8.304	33.593	31.854	5.1862	3.11770	0.00045	42.5581	228.279
0.6117	2202	42.5581	23.891	37.00	41.250	503.050	12.285	-5.206	21.625	3.521	8.304	33.587	31.860	5.1872	3.11648	0.00045	42.5585	228.337
0.6119	2203	42.5585	23.892	37.00	41.250	503.252	12.290	-5.206	21.626	3.521	8.303	33.581	31.865	5.1881	3.11527	0.00045	42.5589	228.396
0.6122	2204	42.5589	23.892	37.00	41.250	503.454	12.295	-5.206	21.628	3.521	8.303	33.575	31.871	5.1890	3.11406	0.00044	42.5594	228.454
0.6125	2205	42.5594	23.893	37.00	41.250	503.656	12.300	-5.206	21.630	3.522	8.303	33.569	31.877	5.1900	3.11285	0.00044	42.5598	228.513
0.6128	2206	42.5598	23.893	37.00	41.250	503.858	12.305	-5.206	21.631	3.522	8.303	33.563	31.882	5.1909	3.11164	0.00044	42.5603	228.571
0.6131	2207	42.5603	23.894	37.00	41.250	504.060	12.310	-5.206	21.633	3.522	8.302	33.557	31.888	5.1918	3.11043	0.00044	42.5607	228.630
0.6133	2208	42.5607	23.894	37.00	41.250	504.262	12.315	-5.206	21.635	3.522	8.302	33.551	31.894	5.1927	3.10923	0.00044	42.5612	228.688
0.6136	2209	42.5612	23.895	37.00	41.250	504.465	12.320	-5.206	21.637	3.523	8.302	33.545	31.900	5.1937	3.10802	0.00044	42.5616	228.747
0.6139	2210	42.5616	23.895	37.00	41.250	504.667	12.325	-5.206	21.638	3.523	8.301	33.539	31.905	5.1946	3.10681	0.00044	42.5621	228.805
0.6142	2211	42.5621	23.895	37.00	41.250	504.869	12.330	-5.206	21.640	3.523	8.301	33.533	31.911	5.1955	3.10560	0.00044	42.5625	228.864
0.6144	2212	42.5625	23.896	37.00	41.250	505.071	12.335	-5.206	21.642	3.524	8.301	33.527	31.917	5.1965	3.10440	0.00044	42.5629	228.922
0.6147	2213	42.5629	23.896	37.00	41.250	505.273	12.340	-5.206	21.644	3.524	8.301	33.521	31.922	5.1974	3.10319	0.00044	42.5634	228.980
0.6150	2214	42.5634	23.897	37.00	41.250	505.475	12.345	-5.206	21.645	3.524	8.300	33.515	31.928	5.1983	3.10198	0.00044	42.5638	229.039
0.6153	2215	42.5638	23.897	37.00	41.250	505.677	12.350	-5.206	21.647	3.524	8.300	33.509	31.934	5.1992	3.10078	0.00044	42.5643	229.097
0.6156	2216	42.5643	23.898	37.00	41.250	505.879	12.355	-5.206	21.649	3.525	8.300	33.503	31.939	5.2002	3.09957	0.00044	42.5647	229.155
0.6158	2217	42.5647	23.898	37.00	41.250	506.081	12.360	-5.206	21.650	3.525	8.299	33.497	31.945	5.2011	3.09837	0.00044	42.5652	229.213
0.6161	2218	42.5652	23.899	37.00	41.250	506.283	12.364	-5.206	21.652	3.525	8.299	33.491	31.951	5.2020	3.09716	0.00044	42.5656	229.272
0.6164	2219	42.5656	23.899	37.00	41.250	506.485	12.369	-5.206	21.654	3.526	8.299	33.485	31.956	5.2029	3.09596	0.00044	42.5660	229.330
0.6167	2220	42.5660	23.899	37.00	41.250	506.687	12.374	-5.206	21.656	3.526	8.299	33.480	31.962	5.2038	3.09476	0.00044	42.5665	229.388
0.6169	2221	42.5665	23.900	37.00	41.250	506.889	12.379	-5.206	21.657	3.526	8.298	33.474	31.968	5.2048	3.09356	0.00044	42.5669	229.446
0.6172	2222	42.5669	23.900	37.00	41.250	507.091	12.384	-5.206	21.659	3.526	8.298	33.468	31.973	5.2057	3.09235	0.00044	42.5674	229.504
0.6175	2223	42.5674	23.901	37.00	41.250	507.293	12.389	-5.206	21.661	3.527	8.298	33.462	31.979	5.2066	3.09115	0.00044	42.5678	229.562
0.6178	2224	42.5678	23.901	37.00	41.250	507.495	12.394	-5.206	21.663	3.527	8.297	33.456	31.985	5.2075	3.08995	0.00044	42.5682	229.621
0.6181	2225	42.5682	23.902	37.00	41.250	507.697	12.399	-5.206	21.664	3.527	8.297	33.450	31.990	5.2085	3.08875	0.00044	42.5687	229.679
0.6183	2226	42.5687	23.902	37.00	41.250	507.899	12.404	-5.206	21.666	3.528	8.297	33.444	31.996	5.2094	3.08755	0.00044	42.5691	229.737
0.6186	2227	42.5691	23.903	37.00	41.250	508.101	12.409	-5.206	21.668	3.528	8.297	33.438	32.002	5.2103	3.08635	0.00044	42.5696	229.795
0.6189	2228	42.5696	23.903	37.00	41.250	508.303	12.414	-5.206	21.669	3.528	8.296	33.432	32.007	5.2112	3.08515	0.00044	42.5700	229.853
0.6192	2229	42.5700	23.903	37.00	41.250	508.505	12.419	-5.206	21.671	3.528	8.296	33.426	32.013	5.2121	3.08395	0.00044	42.5705	229.911
0.6194	2230	42.5705	23.904	37.00	41.250	508.707	12.424	-5.206	21.673	3.529	8.296	33.420	32.019	5.2131	3.08275	0.00044	42.5709	229.969
0.6197	2231	42.5709	23.904	37.00	41.250	508.909	12.429	-5.206	21.675	3.529	8.296	33.414	32.024	5.2140	3.08156	0.00044	42.5713	230.027
0.6200	2232	42.5713	23.905	37.00	41.250	509.111	12.434	-5.206	21.676	3.529	8.295	33.409	32.030	5.2149	3.08036	0.00044	42.5718	230.085
0.6203	2233	42.5718	23.905	37.00	41.250	509.313	12.438	-5.206	21.678	3.529	8.295	33.403	32.036	5.2158	3.07916	0.00044	42.5722	230.142

0.6206	2234	42.5722	23.906	37.00	41.250	509.515	12.443	-5.206	21.680	3.530	8.295	33.397	32.041	5.2167	3.07796	0.00044	42.5727	230.200
0.6208	2235	42.5727	23.906	37.00	41.250	509.717	12.448	-5.206	21.681	3.530	8.294	33.391	32.047	5.2176	3.07677	0.00044	42.5731	230.258
0.6211	2236	42.5731	23.906	37.00	41.250	509.919	12.453	-5.206	21.683	3.530	8.294	33.385	32.052	5.2186	3.07557	0.00044	42.5735	230.316
0.6214	2237	42.5735	23.907	37.00	41.250	510.121	12.458	-5.206	21.685	3.531	8.294	33.379	32.058	5.2195	3.07438	0.00044	42.5740	230.374
0.6217	2238	42.5740	23.907	37.00	41.250	510.323	12.463	-5.206	21.686	3.531	8.294	33.373	32.064	5.2204	3.07318	0.00044	42.5744	230.432
0.6219	2239	42.5744	23.908	37.00	41.250	510.525	12.468	-5.206	21.688	3.531	8.293	33.368	32.069	5.2213	3.07199	0.00044	42.5748	230.489
0.6222	2240	42.5748	23.908	37.00	41.250	510.727	12.473	-5.206	21.690	3.531	8.293	33.362	32.075	5.2222	3.07080	0.00044	42.5753	230.547
0.6225	2241	42.5753	23.909	37.00	41.250	510.929	12.478	-5.206	21.692	3.532	8.293	33.356	32.081	5.2231	3.06960	0.00044	42.5757	230.605
0.6228	2242	42.5757	23.909	37.00	41.250	511.131	12.483	-5.206	21.693	3.532	8.292	33.350	32.086	5.2241	3.06841	0.00044	42.5762	230.662
0.6231	2243	42.5762	23.910	37.00	41.250	511.334	12.488	-5.206	21.695	3.532	8.292	33.344	32.092	5.2250	3.06722	0.00044	42.5766	230.720
0.6233	2244	42.5766	23.910	37.00	41.250	511.536	12.493	-5.206	21.697	3.533	8.292	33.338	32.097	5.2259	3.06603	0.00044	42.5770	230.778
0.6236	2245	42.5770	23.910	37.00	41.250	511.738	12.498	-5.206	21.698	3.533	8.292	33.332	32.103	5.2268	3.06483	0.00044	42.5775	230.835
0.6239	2246	42.5775	23.911	37.00	41.250	511.940	12.503	-5.206	21.700	3.533	8.291	33.327	32.109	5.2277	3.06364	0.00044	42.5779	230.893
0.6242	2247	42.5779	23.911	37.00	41.250	512.142	12.508	-5.206	21.702	3.533	8.291	33.321	32.114	5.2286	3.06245	0.00044	42.5784	230.951
0.6244	2248	42.5784	23.912	37.00	41.250	512.344	12.512	-5.206	21.704	3.534	8.291	33.315	32.120	5.2295	3.06126	0.00044	42.5788	231.008
0.6247	2249	42.5788	23.912	37.00	41.250	512.546	12.517	-5.206	21.705	3.534	8.291	33.309	32.125	5.2305	3.06007	0.00044	42.5792	231.066
0.6250	2250	42.5792	23.913	37.00	41.250	512.748	12.522	-5.206	21.707	3.534	8.290	33.303	32.131	5.2314	3.05888	0.00044	42.5797	231.123
0.6253	2251	42.5797	23.913	37.00	41.250	512.950	12.527	-5.206	21.709	3.534	8.290	33.298	32.137	5.2323	3.05770	0.00044	42.5801	231.181
0.6256	2252	42.5801	23.913	37.00	41.250	513.152	12.532	-5.206	21.710	3.535	8.290	33.292	32.142	5.2332	3.05651	0.00044	42.5805	231.238
0.6258	2253	42.5805	23.914	37.00	41.250	513.354	12.537	-5.206	21.712	3.535	8.289	33.286	32.148	5.2341	3.05532	0.00044	42.5810	231.296
0.6261	2254	42.5810	23.914	37.00	41.250	513.556	12.542	-5.206	21.714	3.535	8.289	33.280	32.153	5.2350	3.05413	0.00044	42.5814	231.353
0.6264	2255	42.5814	23.915	37.00	41.250	513.758	12.547	-5.206	21.715	3.536	8.289	33.274	32.159	5.2359	3.05295	0.00044	42.5818	231.410
0.6267	2256	42.5818	23.915	37.00	41.250	513.960	12.552	-5.206	21.717	3.536	8.289	33.269	32.165	5.2368	3.05176	0.00044	42.5823	231.468
0.6269	2257	42.5823	23.916	37.00	41.250	514.162	12.557	-5.206	21.719	3.536	8.288	33.263	32.170	5.2377	3.05057	0.00044	42.5827	231.525
0.6272	2258	42.5827	23.916	37.00	41.250	514.364	12.562	-5.206	21.721	3.536	8.288	33.257	32.176	5.2386	3.04939	0.00044	42.5832	231.582
0.6275	2259	42.5832	23.917	37.00	41.250	514.566	12.567	-5.206	21.722	3.537	8.288	33.251	32.181	5.2396	3.04820	0.00044	42.5836	231.640
0.6278	2260	42.5836	23.917	37.00	41.250	514.768	12.572	-5.206	21.724	3.537	8.287	33.246	32.187	5.2405	3.04702	0.00044	42.5840	231.697
0.6281	2261	42.5840	23.917	37.00	41.250	514.970	12.577	-5.206	21.726	3.537	8.287	33.240	32.193	5.2414	3.04583	0.00044	42.5845	231.754
0.6283	2262	42.5845	23.918	37.00	41.250	515.172	12.582	-5.206	21.727	3.537	8.287	33.234	32.198	5.2423	3.04465	0.00043	42.5849	231.812
0.6286	2263	42.5849	23.918	37.00	41.250	515.374	12.586	-5.206	21.729	3.538	8.287	33.228	32.204	5.2432	3.04347	0.00043	42.5853	231.869
0.6289	2264	42.5853	23.919	37.00	41.250	515.576	12.591	-5.206	21.731	3.538	8.286	33.223	32.209	5.2441	3.04229	0.00043	42.5858	231.926
0.6292	2265	42.5858	23.919	37.00	41.250	515.778	12.596	-5.206	21.732	3.538	8.286	33.217	32.215	5.2450	3.04110	0.00043	42.5862	231.983
0.6294	2266	42.5862	23.920	37.00	41.250	515.980	12.601	-5.206	21.734	3.539	8.286	33.211	32.220	5.2459	3.03992	0.00043	42.5866	232.040
0.6297	2267	42.5866	23.920	37.00	41.250	516.182	12.606	-5.206	21.736	3.539	8.286	33.205	32.226	5.2468	3.03874	0.00043	42.5871	232.097
0.6300	2268	42.5871	23.920	37.00	41.250	516.384	12.611	-5.206	21.737	3.539	8.285	33.200	32.232	5.2477	3.03756	0.00043	42.5875	232.155
0.6303	2269	42.5875	23.921	37.00	41.250	516.586	12.616	-5.206	21.739	3.539	8.285	33.194	32.237	5.2486	3.03638	0.00043	42.5879	232.212
0.6306	2270	42.5879	23.921	37.00	41.250	516.788	12.621	-5.206	21.741	3.540	8.285	33.188	32.243	5.2495	3.03520	0.00043	42.5884	232.269
0.6308	2271	42.5884	23.922	37.00	41.250	516.990	12.626	-5.206	21.743	3.540	8.284	33.182	32.248	5.2504	3.03402	0.00043	42.5888	232.326
0.6311	2272	42.5888	23.922	37.00	41.250	517.192	12.631	-5.206	21.744	3.540	8.284	33.177	32.254	5.2513	3.03284	0.00043	42.5892	232.383
0.6314	2273	42.5892	23.923	37.00	41.250	517.394	12.636	-5.206	21.746	3.541	8.284	33.171	32.259	5.2522	3.03166	0.00043	42.5897	232.440
0.6317	2274	42.5897	23.923	37.00	41.250	517.596	12.641	-5.206	21.748	3.541	8.284	33.165	32.265	5.2531	3.03048	0.00043	42.5901	232.497
0.6319	2275	42.5901	23.923	37.00	41.250	517.798	12.646	-5.206	21.749	3.541	8.283	33.160	32.270	5.2541	3.02931	0.00043	42.5905	232.554
0.6322	2276	42.5905	23.924	37.00	41.250	518.001	12.651	-5.206	21.751	3.541	8.283	33.154	32.276	5.2550	3.02813	0.00043	42.5910	232.611
0.6325	2277	42.5910	23.924	37.00	41.250	518.203	12.656	-5.206	21.753	3.542	8.283	33.148	32.281	5.2559	3.02695	0.00043	42.5914	232.668
0.6328	2278	42.5914	23.925	37.00	41.250	518.405	12.660	-5.206	21.754	3.542	8.283	33.142	32.287	5.2568	3.02578	0.00043	42.5918	232.724
0.6331	2279	42.5918	23.925	37.00	41.250	518.607	12.665	-5.206	21.756	3.542	8.282	33.137	32.293	5.2577	3.02460	0.00043	42.5923	232.781
0.6333	2280	42.5923	23.926	37.00	41.250	518.809	12.670	-5.206	21.758	3.542	8.282	33.131	32.298	5.2586	3.02343	0.00043	42.5927	232.838
0.6336	2281	42.5927	23.926	37.00	41.250	519.011	12.675	-5.206	21.759	3.543	8.282	33.125	32.304	5.2595	3.02225	0.00043	42.5931	232.895
0.6339	2282	42.5931	23.927	37.00	41.250	519.213	12.680	-5.206	21.761	3.543	8.281	33.120	32.309	5.2604	3.02108	0.00043	42.5936	232.952
0.6342	2283	42.5936	23.927	37.00	41.250	519.415	12.685	-5.206	21.763	3.543	8.281	33.114	32.315	5.2613	3.01990	0.00043	42.5940	233.009
0.6344	2284	42.5940	23.927	37.00	41.250	519.617	12.690	-5.206	21.764	3.544	8.281	33.108	32.320	5.2622	3.01873	0.00043	42.5944	233.065
0.6347	2285	42.5944	23.928	37.00	41.250	519.819	12.695	-5.206	21.766	3.544	8.281	33.103	32.326	5.2631	3.01756	0.00043	42.5949	233.122
0.6350	2286	42.5949	23.928	37.00	41.250	520.021	12.700	-5.206	21.768	3.544	8.280	33.097	32.331	5.2640	3.01638	0.00043	42.5953	233.179
0.6353	2287	42.5953	23.929	37.00	41.250	520.223	12.705	-5.206	21.769	3.544	8.280	33.091	32.337	5.2649	3.01521	0.00043	42.5957	233.235
0.6356	2288	42.5957	23.929	37.00	41.250	520.425	12.710	-5.206	21.771	3.545	8.280	33.086	32.342	5.2658	3.01404	0.00043	42.5961	233.292
0.6358	2289	42.5961	23.930	37.00	41.250	520.627	12.715	-5.206	21.773	3.545	8.280	33.080	32.348	5.2667	3.01287	0.00043	42.5966	233.349
0.6361	2290	42.5966	23.930	37.00	41.250	520.829	12.720	-5.206	21.774	3.545	8.279	33.075	32.353	5.2676	3.01170	0.00043	42.5970	233.405
0.6364	2291	42.5970	23.930	37.00	41.250	521.031	12.725	-5.206	21.776	3.545	8.279	33.069	32.359	5.2685	3.01053	0.00043	42.5974	233.462
0.6367	2292	42.5974	23.931	37.00	41.250	521.233	12.730	-5.206	21.778	3.546	8.279	33.063	32.364	5.2694	3.00936	0.00043	42.5979	233.519
0.6369	2293	42.5979	23.931	37.00	41.250	521.435	12.734	-5.206	21.779	3.546	8.278	33.058	32.370	5.2703	3.00819	0.00043	42.5983	233.575
0.6372	2294	42.5983	23.932	37.00	41.250	521.637	12.739	-5.206	21.781	3.546	8.278	33.052	32.375	5.2712	3.00702	0.00043	42.5987	233.632
0.6375	2295	42.5987	23.932	37.00	41.250	521.839	12.744	-5.206	21.783	3.547	8.278	33.046	32.381	5.2720	3.00585	0.00043	42.5992	233.688
0.6378	2296	42.5992	23.933	37.00	41.250	522.041	12.749	-5.206	21.784	3.547	8.278	33.041	32.386	5.2729	3.00468	0.00043	42.5996	233.745
0.6381	2297	42.5996	23.933	37.00	41.250	522.243	12.754	-5.206	21.786	3.547	8.277	33.035	32.392	5.2738	3.00352	0.00043	42.6000	233.801
0.6383	2298	42.6000	23.933	37.00	41.250	522.445	12.759	-5.206	21.788	3.547	8.277	33.030	32.397	5.2747	3.00235	0.00043	42.6004	233.858
0.6386	2299	42.6004	23.934	37.00	41.250	522.647	12.764	-5.206	21.789	3.548	8.277	33.024	32.403	5.2756	3.00118	0.00043	42.6009	233.914
0.6389	2300	42.6009	23.934	37.00	41.250	522.849	12.769	-5.206	21.791	3.548	8.277	33.018	32.408	5.2765	3.00002	0.00043	42.6013	233.970
0.6392	2301	42.6013	23.935	37.00	41.250	523.051	12.774	-5.206	21.793	3.548	8.276	33.013	32.414	5.2774	2.99885	0.00043	42.6017	234.027
0.6394	2302	42.6017	23.935	37.00	41.250	523.253	12.779	-5.206	21.794	3.548	8.276	33.007	32.419	5.2783	2.99768	0.00043	42.6022	234.083
0.6397	2303	42.6022	23.936	37.00	41.250	523.455	12.784	-5.206	21.796	3.549	8.276	33.002	32.425	5.2792	2.99652	0.00043	42.6026	234.140
0.6400	2304	42.6026	23.936	37.00	41.250	523.657	12.789	-5.206	21.798	3.549	8.275	32.996	32.430	5.2801	2.99536	0.00043	42.6030	234.196
0.6403	2305	42.6030	23.936	37.00	41.250	523.859	12.794	-5.206	21.799	3.549	8.275	32.990	32.436	5.2810	2.99419	0.00043	42.6034	234.252
0.6406	2306	42.6034	23.937	37.00	41.250	524.061	12.799	-5.206	21.801	3.550	8.275	32.985	32.441	5.2819	2.99303	0.00043	42.6039	234.308
0.6408	2307	42.6039	23.937	37.00	41.250	524.263	12.804	-5.206	21.803	3.550	8.275	32.979	32.447	5.2828	2.99186	0.00043	42.6043	234.365
0.6411	2308	42.6043	23.938	37.00	41.250	524.465	12.808	-5.206	21.804	3.550	8.274	32.974	32.452	5.2837	2.99070	0.00043	42.6047	234.421
0.6414	2309	42.6047	23.938	37.00	41.250	524.667	12.813	-5.206	21.806	3.550	8.274	32.968	32.458	5.2846	2.98954	0.00043	42.6051	234.477
0.6417	2310	42.6051	23.939	37.00	41.250	524.870	12.818	-5.206	21.808	3.551	8.274	32.963	32.463	5.2855	2.98838	0.00043	42.6056	234.533
0.6419	2311	42.6056	23.939	37.00	41.250	525.072	12.823	-5.206	21.809	3.551	8.274	32.957	32.469	5.2863	2.98722	0.00043	42.6060	234.589
0.6422	2312	42.6060	23.939	37.00	41.250	525.274	12.828	-5.206	21.811	3.551	8.273	32.951	32.474	5.2872	2.98606	0.00043	42.6064	234.646
0.6425	2313	42.6064	23.940	37.00	41.250	525.476	12.833	-5.206	21.813	3.551	8.273	32.946	32.480	5.2881	2.98490	0.00043	42.6069	234.702
0.6428	2314	42.6069	23.940	37.00	41.250	525.678	12.838	-5.206	21.814	3.552	8.273	32.940	32.485	5.2890	2.98374	0.00043	42.6073	234.758

0.6431	2315	42.6073	23.941	37.00	41.250	525.880	12.843	-5.206	21.816	3.552	8.272	32.935	32.491	5.2899	2.98258	0.00043	42.6077	234.814
0.6433	2316	42.6077	23.941	37.00	41.250	526.082	12.848	-5.206	21.818	3.552	8.272	32.929	32.496	5.2908	2.98142	0.00043	42.6081	234.870
0.6436	2317	42.6081	23.942	37.00	41.250	526.284	12.853	-5.206	21.819	3.552	8.272	32.924	32.501	5.2917	2.98026	0.00043	42.6086	234.926
0.6439	2318	42.6086	23.942	37.00	41.250	526.486	12.858	-5.206	21.821	3.553	8.272	32.918	32.507	5.2926	2.97910	0.00043	42.6090	234.982
0.6442	2319	42.6090	23.942	37.00	41.250	526.688	12.863	-5.206	21.823	3.553	8.271	32.913	32.512	5.2935	2.97794	0.00043	42.6094	235.038
0.6444	2320	42.6094	23.943	37.00	41.250	526.890	12.868	-5.206	21.824	3.553	8.271	32.907	32.518	5.2943	2.97679	0.00043	42.6098	235.094
0.6447	2321	42.6098	23.943	37.00	41.250	527.092	12.873	-5.206	21.826	3.554	8.271	32.902	32.523	5.2952	2.97563	0.00043	42.6103	235.150
0.6450	2322	42.6103	23.944	37.00	41.250	527.294	12.878	-5.206	21.828	3.554	8.271	32.896	32.529	5.2961	2.97447	0.00042	42.6107	235.206
0.6453	2323	42.6107	23.944	37.00	41.250	527.496	12.883	-5.206	21.829	3.554	8.270	32.891	32.534	5.2970	2.97332	0.00042	42.6111	235.262
0.6456	2324	42.6111	23.944	37.00	41.250	527.698	12.887	-5.206	21.831	3.554	8.270	32.885	32.540	5.2979	2.97216	0.00042	42.6115	235.318
0.6458	2325	42.6115	23.945	37.00	41.250	527.900	12.892	-5.206	21.833	3.555	8.270	32.880	32.545	5.2988	2.97101	0.00042	42.6120	235.373
0.6461	2326	42.6120	23.945	37.00	41.250	528.102	12.897	-5.206	21.834	3.555	8.270	32.874	32.551	5.2997	2.96985	0.00042	42.6124	235.429
0.6464	2327	42.6124	23.946	37.00	41.250	528.304	12.902	-5.206	21.836	3.555	8.269	32.869	32.556	5.3005	2.96870	0.00042	42.6128	235.485
0.6467	2328	42.6128	23.946	37.00	41.250	528.506	12.907	-5.206	21.838	3.555	8.269	32.863	32.561	5.3014	2.96755	0.00042	42.6132	235.541
0.6469	2329	42.6132	23.947	37.00	41.250	528.708	12.912	-5.206	21.839	3.556	8.269	32.858	32.567	5.3023	2.96639	0.00042	42.6137	235.597
0.6472	2330	42.6137	23.947	37.00	41.250	528.910	12.917	-5.206	21.841	3.556	8.268	32.852	32.572	5.3032	2.96524	0.00042	42.6141	235.652
0.6475	2331	42.6141	23.947	37.00	41.250	529.112	12.922	-5.206	21.843	3.556	8.268	32.847	32.578	5.3041	2.96409	0.00042	42.6145	235.708
0.6478	2332	42.6145	23.948	37.00	41.250	529.314	12.927	-5.206	21.844	3.557	8.268	32.841	32.583	5.3050	2.96294	0.00042	42.6149	235.764
0.6481	2333	42.6149	23.948	37.00	41.250	529.516	12.932	-5.206	21.846	3.557	8.268	32.836	32.589	5.3059	2.96178	0.00042	42.6153	235.820
0.6483	2334	42.6153	23.949	37.00	41.250	529.718	12.937	-5.206	21.847	3.557	8.267	32.830	32.594	5.3067	2.96063	0.00042	42.6158	235.875
0.6486	2335	42.6158	23.949	37.00	41.250	529.920	12.942	-5.206	21.849	3.557	8.267	32.825	32.599	5.3076	2.95948	0.00042	42.6162	235.931
0.6489	2336	42.6162	23.950	37.00	41.250	530.122	12.947	-5.206	21.851	3.558	8.267	32.819	32.605	5.3085	2.95833	0.00042	42.6166	235.986
0.6492	2337	42.6166	23.950	37.00	41.250	530.324	12.952	-5.206	21.852	3.558	8.267	32.814	32.610	5.3094	2.95718	0.00042	42.6170	236.042
0.6494	2338	42.6170	23.950	37.00	41.250	530.526	12.957	-5.206	21.854	3.558	8.266	32.809	32.616	5.3103	2.95603	0.00042	42.6175	236.098
0.6497	2339	42.6175	23.951	37.00	41.250	530.728	12.961	-5.206	21.856	3.558	8.266	32.803	32.621	5.3111	2.95489	0.00042	42.6179	236.153
0.6500	2340	42.6179	23.951	37.00	41.250	530.930	12.966	-5.206	21.857	3.559	8.266	32.798	32.626	5.3120	2.95374	0.00042	42.6183	236.209
0.6503	2341	42.6183	23.952	37.00	41.250	531.132	12.971	-5.206	21.859	3.559	8.265	32.792	32.632	5.3129	2.95259	0.00042	42.6187	236.264
0.6506	2342	42.6187	23.952	37.00	41.250	531.334	12.976	-5.206	21.861	3.559	8.265	32.787	32.637	5.3138	2.95144	0.00042	42.6191	236.320
0.6508	2343	42.6191	23.953	37.00	41.250	531.537	12.981	-5.206	21.862	3.559	8.265	32.781	32.643	5.3147	2.95030	0.00042	42.6196	236.375
0.6511	2344	42.6196	23.953	37.00	41.250	531.739	12.986	-5.206	21.864	3.560	8.265	32.776	32.648	5.3155	2.94915	0.00042	42.6200	236.431
0.6514	2345	42.6200	23.953	37.00	41.250	531.941	12.991	-5.206	21.866	3.560	8.264	32.771	32.653	5.3164	2.94800	0.00042	42.6204	236.486
0.6517	2346	42.6204	23.954	37.00	41.250	532.143	12.996	-5.206	21.867	3.560	8.264	32.765	32.659	5.3173	2.94686	0.00042	42.6208	236.542
0.6519	2347	42.6208	23.954	37.00	41.250	532.345	13.001	-5.206	21.869	3.561	8.264	32.760	32.664	5.3182	2.94571	0.00042	42.6213	236.597
0.6522	2348	42.6213	23.955	37.00	41.250	532.547	13.006	-5.206	21.870	3.561	8.264	32.754	32.670	5.3191	2.94457	0.00042	42.6217	236.652
0.6525	2349	42.6217	23.955	37.00	41.250	532.749	13.011	-5.206	21.872	3.561	8.263	32.749	32.675	5.3199	2.94342	0.00042	42.6221	236.708
0.6528	2350	42.6221	23.955	37.00	41.250	532.951	13.016	-5.206	21.874	3.561	8.263	32.744	32.680	5.3208	2.94228	0.00042	42.6225	236.763
0.6531	2351	42.6225	23.956	37.00	41.250	533.153	13.021	-5.206	21.875	3.562	8.263	32.738	32.686	5.3217	2.94114	0.00042	42.6229	236.818
0.6533	2352	42.6229	23.956	37.00	41.250	533.355	13.026	-5.206	21.877	3.562	8.263	32.733	32.691	5.3226	2.93999	0.00042	42.6234	236.873
0.6536	2353	42.6234	23.957	37.00	41.250	533.557	13.031	-5.206	21.879	3.562	8.262	32.727	32.697	5.3234	2.93885	0.00042	42.6238	236.929
0.6539	2354	42.6238	23.957	37.00	41.250	533.759	13.035	-5.206	21.880	3.562	8.262	32.722	32.702	5.3243	2.93771	0.00042	42.6242	236.984
0.6542	2355	42.6242	23.958	37.00	41.250	533.961	13.040	-5.206	21.882	3.563	8.262	32.717	32.707	5.3252	2.93657	0.00042	42.6246	237.039
0.6544	2356	42.6246	23.958	37.00	41.250	534.163	13.045	-5.206	21.884	3.563	8.261	32.711	32.713	5.3261	2.93543	0.00042	42.6250	237.094
0.6547	2357	42.6250	23.958	37.00	41.250	534.365	13.050	-5.206	21.885	3.563	8.261	32.706	32.718	5.3269	2.93429	0.00042	42.6255	237.150
0.6550	2358	42.6255	23.959	37.00	41.250	534.567	13.055	-5.206	21.887	3.563	8.261	32.700	32.723	5.3278	2.93315	0.00042	42.6259	237.205
0.6553	2359	42.6259	23.959	37.00	41.250	534.769	13.060	-5.206	21.888	3.564	8.261	32.695	32.729	5.3287	2.93201	0.00042	42.6263	237.260
0.6556	2360	42.6263	23.960	37.00	41.250	534.971	13.065	-5.206	21.890	3.564	8.260	32.690	32.734	5.3296	2.93087	0.00042	42.6267	237.315
0.6558	2361	42.6267	23.960	37.00	41.250	535.173	13.070	-5.206	21.892	3.564	8.260	32.684	32.740	5.3304	2.92973	0.00042	42.6271	237.370
0.6561	2362	42.6271	23.961	37.00	41.250	535.375	13.075	-5.206	21.893	3.565	8.260	32.679	32.745	5.3313	2.92859	0.00042	42.6275	237.425
0.6564	2363	42.6275	23.961	37.00	41.250	535.577	13.080	-5.206	21.895	3.565	8.260	32.674	32.750	5.3322	2.92745	0.00042	42.6280	237.480
0.6567	2364	42.6280	23.961	37.00	41.250	535.779	13.085	-5.206	21.897	3.565	8.259	32.668	32.756	5.3331	2.92631	0.00042	42.6284	237.535
0.6569	2365	42.6284	23.962	37.00	41.250	535.981	13.090	-5.206	21.898	3.565	8.259	32.663	32.761	5.3339	2.92518	0.00042	42.6288	237.590
0.6572	2366	42.6288	23.962	37.00	41.250	536.183	13.095	-5.206	21.900	3.566	8.259	32.658	32.766	5.3348	2.92404	0.00042	42.6292	237.645
0.6575	2367	42.6292	23.963	37.00	41.250	536.385	13.100	-5.206	21.901	3.566	8.259	32.652	32.772	5.3357	2.92290	0.00042	42.6296	237.700
0.6578	2368	42.6296	23.963	37.00	41.250	536.587	13.105	-5.206	21.903	3.566	8.258	32.647	32.777	5.3365	2.92177	0.00042	42.6301	237.755
0.6581	2369	42.6301	23.963	37.00	41.250	536.789	13.109	-5.206	21.905	3.566	8.258	32.642	32.782	5.3374	2.92063	0.00042	42.6305	237.810
0.6583	2370	42.6305	23.964	37.00	41.250	536.991	13.114	-5.206	21.906	3.567	8.258	32.636	32.788	5.3383	2.91950	0.00042	42.6309	237.865
0.6586	2371	42.6309	23.964	37.00	41.250	537.193	13.119	-5.206	21.908	3.567	8.258	32.631	32.793	5.3392	2.91836	0.00042	42.6313	237.920
0.6589	2372	42.6313	23.965	37.00	41.250	537.395	13.124	-5.206	21.910	3.567	8.257	32.626	32.798	5.3400	2.91723	0.00042	42.6317	237.975
0.6592	2373	42.6317	23.965	37.00	41.250	537.597	13.129	-5.206	21.911	3.567	8.257	32.620	32.804	5.3409	2.91610	0.00042	42.6321	238.029
0.6594	2374	42.6321	23.966	37.00	41.250	537.799	13.134	-5.206	21.913	3.568	8.257	32.615	32.809	5.3418	2.91496	0.00042	42.6326	238.084
0.6597	2375	42.6326	23.966	37.00	41.250	538.001	13.139	-5.206	21.914	3.568	8.256	32.610	32.814	5.3426	2.91383	0.00042	42.6330	238.139
0.6600	2376	42.6330	23.966	37.00	41.250	538.204	13.144	-5.206	21.916	3.568	8.256	32.604	32.820	5.3435	2.91270	0.00042	42.6334	238.194
0.6603	2377	42.6334	23.967	37.00	41.250	538.406	13.149	-5.206	21.918	3.568	8.256	32.599	32.825	5.3444	2.91157	0.00042	42.6338	238.248
0.6606	2378	42.6338	23.967	37.00	41.250	538.608	13.154	-5.206	21.919	3.569	8.256	32.594	32.830	5.3452	2.91043	0.00042	42.6342	238.303
0.6608	2379	42.6342	23.968	37.00	41.250	538.810	13.159	-5.206	21.921	3.569	8.255	32.589	32.836	5.3461	2.90930	0.00042	42.6346	238.358
0.6611	2380	42.6346	23.968	37.00	41.250	539.012	13.164	-5.206	21.923	3.569	8.255	32.583	32.841	5.3470	2.90817	0.00042	42.6351	238.413
0.6614	2381	42.6351	23.968	37.00	41.250	539.214	13.169	-5.206	21.924	3.570	8.255	32.578	32.846	5.3478	2.90704	0.00042	42.6355	238.467
0.6617	2382	42.6355	23.969	37.00	41.250	539.416	13.174	-5.206	21.926	3.570	8.255	32.573	32.852	5.3487	2.90591	0.00042	42.6359	238.522
0.6619	2383	42.6359	23.969	37.00	41.250	539.618	13.179	-5.206	21.927	3.570	8.254	32.567	32.857	5.3496	2.90478	0.00041	42.6363	238.576
0.6622	2384	42.6363	23.970	37.00	41.250	539.820	13.183	-5.206	21.929	3.570	8.254	32.562	32.862	5.3504	2.90366	0.00041	42.6367	238.631
0.6625	2385	42.6367	23.970	37.00	41.250	540.022	13.188	-5.206	21.931	3.571	8.254	32.557	32.868	5.3513	2.90253	0.00041	42.6371	238.686
0.6628	2386	42.6371	23.971	37.00	41.250	540.224	13.193	-5.206	21.932	3.571	8.254	32.552	32.873	5.3522	2.90140	0.00041	42.6375	238.740
0.6631	2387	42.6375	23.971	37.00	41.250	540.426	13.198	-5.206	21.934	3.571	8.253	32.546	32.878	5.3530	2.90027	0.00041	42.6380	238.795
0.6633	2388	42.6380	23.971	37.00	41.250	540.628	13.203	-5.206	21.935	3.571	8.253	32.541	32.884	5.3539	2.89915	0.00041	42.6384	238.849
0.6636	2389	42.6384	23.972	37.00	41.250	540.830	13.208	-5.206	21.937	3.572	8.253	32.536	32.889	5.3548	2.89802	0.00041	42.6388	238.904
0.6639	2390	42.6388	23.972	37.00	41.250	541.032	13.213	-5.206	21.939	3.572	8.253	32.531	32.894	5.3556	2.89689	0.00041	42.6392	238.958
0.6642	2391	42.6392	23.973	37.00	41.250	541.234	13.218	-5.206	21.940	3.572	8.252	32.525	32.900	5.3565	2.89577	0.00041	42.6396	239.013
0.6644	2392	42.6396	23.973	37.00	41.250	541.436	13.223	-5.206	21.942	3.572	8.252	32.520	32.905	5.3574	2.89464	0.00041	42.6400	239.067
0.6647	2393	42.6400	23.973	37.00	41.250	541.638	13.228	-5.206	21.943	3.573	8.252	32.515	32.910	5.3582	2.89352	0.00041	42.6404	239.121
0.6650	2394	42.6404	23.974	37.00	41.250	541.840	13.233	-5.206	21.945	3.573	8.251	32.510	32.915	5.3591	2.89239	0.00041	42.6408	239.176
0.6653	2395	42.6408	23.974	37.00	41.250	542.042	13.238	-5.206	21.947	3.573	8.251	32.504	32.921	5.3599	2.89127	0.00041	42.6413	239.230

0.6656	2396	42.6413	23.975	37.00	41.250	542.244	13.243	-5.206	21.948	3.573	8.251	32.499	32.926	5.3608	2.89015	0.00041	42.6417	239.285
0.6658	2397	42.6417	23.975	37.00	41.250	542.446	13.248	-5.206	21.950	3.574	8.251	32.494	32.931	5.3617	2.88902	0.00041	42.6421	239.339
0.6661	2398	42.6421	23.975	37.00	41.250	542.648	13.253	-5.206	21.952	3.574	8.250	32.489	32.937	5.3625	2.88790	0.00041	42.6425	239.393
0.6664	2399	42.6425	23.976	37.00	41.250	542.850	13.257	-5.206	21.953	3.574	8.250	32.484	32.942	5.3634	2.88678	0.00041	42.6429	239.447
0.6667	2400	42.6429	23.976	37.00	41.250	543.052	13.262	-5.206	21.955	3.575	8.250	32.478	32.947	5.3643	2.88566	0.00041	42.6433	239.502
0.6669	2401	42.6433	23.977	37.00	41.250	543.254	13.267	-5.206	21.956	3.575	8.250	32.473	32.953	5.3651	2.88453	0.00041	42.6437	239.556
0.6672	2402	42.6437	23.977	37.00	41.250	543.456	13.272	-5.206	21.958	3.575	8.249	32.468	32.958	5.3660	2.88341	0.00041	42.6441	239.610
0.6675	2403	42.6441	23.978	37.00	41.250	543.658	13.277	-5.206	21.960	3.575	8.249	32.463	32.963	5.3668	2.88229	0.00041	42.6446	239.664
0.6678	2404	42.6446	23.978	37.00	41.250	543.860	13.282	-5.206	21.961	3.576	8.249	32.458	32.968	5.3677	2.88117	0.00041	42.6450	239.718
0.6681	2405	42.6450	23.978	37.00	41.250	544.062	13.287	-5.206	21.963	3.576	8.249	32.452	32.974	5.3685	2.88005	0.00041	42.6454	239.773
0.6683	2406	42.6454	23.979	37.00	41.250	544.264	13.292	-5.206	21.964	3.576	8.248	32.447	32.979	5.3694	2.87893	0.00041	42.6458	239.827
0.6686	2407	42.6458	23.979	37.00	41.250	544.466	13.297	-5.206	21.966	3.576	8.248	32.442	32.984	5.3703	2.87782	0.00041	42.6462	239.881
0.6689	2408	42.6462	23.980	37.00	41.250	544.668	13.302	-5.206	21.968	3.577	8.248	32.437	32.989	5.3711	2.87670	0.00041	42.6466	239.935
0.6692	2409	42.6466	23.980	37.00	41.250	544.870	13.307	-5.206	21.969	3.577	8.248	32.432	32.995	5.3720	2.87558	0.00041	42.6470	239.989
0.6694	2410	42.6470	23.980	37.00	41.250	545.073	13.312	-5.206	21.971	3.577	8.247	32.426	33.000	5.3728	2.87446	0.00041	42.6474	240.043
0.6697	2411	42.6474	23.981	37.00	41.250	545.275	13.317	-5.206	21.972	3.577	8.247	32.421	33.005	5.3737	2.87335	0.00041	42.6478	240.097
0.6700	2412	42.6478	23.981	37.00	41.250	545.477	13.322	-5.206	21.974	3.578	8.247	32.416	33.010	5.3746	2.87223	0.00041	42.6483	240.151
0.6703	2413	42.6483	23.982	37.00	41.250	545.679	13.327	-5.206	21.976	3.578	8.247	32.411	33.016	5.3754	2.87111	0.00041	42.6487	240.205
0.6706	2414	42.6487	23.982	37.00	41.250	545.881	13.332	-5.206	21.977	3.578	8.246	32.406	33.021	5.3763	2.87000	0.00041	42.6491	240.259
0.6708	2415	42.6491	23.982	37.00	41.250	546.083	13.336	-5.206	21.979	3.578	8.246	32.401	33.026	5.3771	2.86888	0.00041	42.6495	240.313
0.6711	2416	42.6495	23.983	37.00	41.250	546.285	13.341	-5.206	21.980	3.579	8.246	32.396	33.032	5.3780	2.86777	0.00041	42.6499	240.367
0.6714	2417	42.6499	23.983	37.00	41.250	546.487	13.346	-5.206	21.982	3.579	8.245	32.390	33.037	5.3788	2.86665	0.00041	42.6503	240.421
0.6717	2418	42.6503	23.984	37.00	41.250	546.689	13.351	-5.206	21.983	3.579	8.245	32.385	33.042	5.3797	2.86554	0.00041	42.6507	240.475
0.6719	2419	42.6507	23.984	37.00	41.250	546.891	13.356	-5.206	21.985	3.579	8.245	32.380	33.047	5.3805	2.86443	0.00041	42.6511	240.529
0.6722	2420	42.6511	23.985	37.00	41.250	547.093	13.361	-5.206	21.987	3.580	8.245	32.375	33.053	5.3814	2.86331	0.00041	42.6515	240.582
0.6725	2421	42.6515	23.985	37.00	41.250	547.295	13.366	-5.206	21.988	3.580	8.244	32.370	33.058	5.3822	2.86220	0.00041	42.6519	240.636
0.6728	2422	42.6519	23.985	37.00	41.250	547.497	13.371	-5.206	21.990	3.580	8.244	32.365	33.063	5.3831	2.86109	0.00041	42.6524	240.690
0.6731	2423	42.6524	23.986	37.00	41.250	547.699	13.376	-5.206	21.991	3.581	8.244	32.360	33.068	5.3840	2.85998	0.00041	42.6528	240.744
0.6733	2424	42.6528	23.986	37.00	41.250	547.901	13.381	-5.206	21.993	3.581	8.244	32.354	33.073	5.3848	2.85886	0.00041	42.6532	240.797
0.6736	2425	42.6532	23.987	37.00	41.250	548.103	13.386	-5.206	21.995	3.581	8.243	32.349	33.079	5.3857	2.85775	0.00041	42.6536	240.851
0.6739	2426	42.6536	23.987	37.00	41.250	548.305	13.391	-5.206	21.996	3.581	8.243	32.344	33.084	5.3865	2.85664	0.00041	42.6540	240.905
0.6742	2427	42.6540	23.987	37.00	41.250	548.507	13.396	-5.206	21.998	3.582	8.243	32.339	33.089	5.3874	2.85553	0.00041	42.6544	240.959
0.6744	2428	42.6544	23.988	37.00	41.250	548.709	13.401	-5.206	21.999	3.582	8.243	32.334	33.094	5.3882	2.85442	0.00041	42.6548	241.012
0.6747	2429	42.6548	23.988	37.00	41.250	548.911	13.406	-5.206	22.001	3.582	8.242	32.329	33.100	5.3891	2.85331	0.00041	42.6552	241.066
0.6750	2430	42.6552	23.989	37.00	41.250	549.113	13.410	-5.206	22.003	3.582	8.242	32.324	33.105	5.3899	2.85221	0.00041	42.6556	241.120
0.6753	2431	42.6556	23.989	37.00	41.250	549.315	13.415	-5.206	22.004	3.583	8.242	32.319	33.110	5.3908	2.85110	0.00041	42.6560	241.173
0.6756	2432	42.6560	23.989	37.00	41.250	549.517	13.420	-5.206	22.006	3.583	8.242	32.314	33.115	5.3916	2.84999	0.00041	42.6564	241.227
0.6758	2433	42.6564	23.990	37.00	41.250	549.719	13.425	-5.206	22.007	3.583	8.241	32.308	33.120	5.3925	2.84888	0.00041	42.6568	241.280
0.6761	2434	42.6568	23.990	37.00	41.250	549.921	13.430	-5.206	22.009	3.583	8.241	32.303	33.126	5.3933	2.84777	0.00041	42.6572	241.334
0.6764	2435	42.6572	23.991	37.00	41.250	550.123	13.435	-5.206	22.010	3.584	8.241	32.298	33.131	5.3942	2.84667	0.00041	42.6577	241.387
0.6767	2436	42.6577	23.991	37.00	41.250	550.325	13.440	-5.206	22.012	3.584	8.241	32.293	33.136	5.3950	2.84556	0.00041	42.6581	241.441
0.6769	2437	42.6581	23.991	37.00	41.250	550.527	13.445	-5.206	22.014	3.584	8.240	32.288	33.141	5.3959	2.84446	0.00041	42.6585	241.494
0.6772	2438	42.6585	23.992	37.00	41.250	550.729	13.450	-5.206	22.015	3.584	8.240	32.283	33.147	5.3967	2.84335	0.00041	42.6589	241.548
0.6775	2439	42.6589	23.992	37.00	41.250	550.931	13.455	-5.206	22.017	3.585	8.240	32.278	33.152	5.3976	2.84225	0.00041	42.6593	241.601
0.6778	2440	42.6593	23.993	37.00	41.250	551.133	13.460	-5.206	22.018	3.585	8.240	32.273	33.157	5.3984	2.84114	0.00041	42.6597	241.655
0.6781	2441	42.6597	23.993	37.00	41.250	551.335	13.465	-5.206	22.020	3.585	8.239	32.268	33.162	5.3992	2.84004	0.00041	42.6601	241.708
0.6783	2442	42.6601	23.993	37.00	41.250	551.537	13.470	-5.206	22.022	3.585	8.239	32.263	33.167	5.4001	2.83893	0.00041	42.6605	241.761
0.6786	2443	42.6605	23.994	37.00	41.250	551.740	13.475	-5.206	22.023	3.586	8.239	32.258	33.173	5.4009	2.83783	0.00041	42.6609	241.815
0.6789	2444	42.6609	23.994	37.00	41.250	551.942	13.480	-5.206	22.025	3.586	8.239	32.253	33.178	5.4018	2.83673	0.00041	42.6613	241.868
0.6792	2445	42.6613	23.995	37.00	41.250	552.144	13.484	-5.206	22.026	3.586	8.238	32.248	33.183	5.4026	2.83563	0.00041	42.6617	241.921
0.6794	2446	42.6617	23.995	37.00	41.250	552.346	13.489	-5.206	22.028	3.586	8.238	32.243	33.188	5.4035	2.83452	0.00040	42.6621	241.975
0.6797	2447	42.6621	23.996	37.00	41.250	552.548	13.494	-5.206	22.029	3.587	8.238	32.238	33.193	5.4043	2.83342	0.00040	42.6625	242.028
0.6800	2448	42.6625	23.996	37.00	41.250	552.750	13.499	-5.206	22.031	3.587	8.237	32.233	33.199	5.4052	2.83232	0.00040	42.6629	242.081
0.6803	2449	42.6629	23.996	37.00	41.250	552.952	13.504	-5.206	22.033	3.587	8.237	32.228	33.204	5.4060	2.83122	0.00040	42.6633	242.134
0.6806	2450	42.6633	23.997	37.00	41.250	553.154	13.509	-5.206	22.034	3.587	8.237	32.222	33.209	5.4069	2.83012	0.00040	42.6637	242.188
0.6808	2451	42.6637	23.997	37.00	41.250	553.356	13.514	-5.206	22.036	3.588	8.237	32.217	33.214	5.4077	2.82902	0.00040	42.6641	242.241
0.6811	2452	42.6641	23.998	37.00	41.250	553.558	13.519	-5.206	22.037	3.588	8.236	32.212	33.219	5.4085	2.82792	0.00040	42.6645	242.294
0.6814	2453	42.6645	23.998	37.00	41.250	553.760	13.524	-5.206	22.039	3.588	8.236	32.207	33.224	5.4094	2.82682	0.00040	42.6649	242.347
0.6817	2454	42.6649	23.998	37.00	41.250	553.962	13.529	-5.206	22.040	3.588	8.236	32.202	33.230	5.4102	2.82572	0.00040	42.6653	242.400
0.6819	2455	42.6653	23.999	37.00	41.250	554.164	13.534	-5.206	22.042	3.589	8.236	32.197	33.235	5.4111	2.82463	0.00040	42.6658	242.453
0.6822	2456	42.6658	23.999	37.00	41.250	554.366	13.539	-5.206	22.044	3.589	8.235	32.192	33.240	5.4119	2.82353	0.00040	42.6662	242.507
0.6825	2457	42.6662	24.000	37.00	41.250	554.568	13.544	-5.206	22.045	3.589	8.235	32.187	33.245	5.4128	2.82243	0.00040	42.6666	242.560
0.6828	2458	42.6666	24.000	37.00	41.250	554.770	13.549	-5.206	22.047	3.590	8.235	32.182	33.250	5.4136	2.82134	0.00040	42.6670	242.613
0.6831	2459	42.6670	24.000	37.00	41.250	554.972	13.554	-5.206	22.048	3.590	8.235	32.177	33.255	5.4144	2.82024	0.00040	42.6674	242.666
0.6833	2460	42.6674	24.001	37.00	41.250	555.174	13.558	-5.206	22.050	3.590	8.234	32.172	33.261	5.4153	2.81914	0.00040	42.6678	242.719
0.6836	2461	42.6678	24.001	37.00	41.250	555.376	13.563	-5.206	22.051	3.590	8.234	32.167	33.266	5.4161	2.81805	0.00040	42.6682	242.772
0.6839	2462	42.6682	24.002	37.00	41.250	555.578	13.568	-5.206	22.053	3.591	8.234	32.162	33.271	5.4170	2.81695	0.00040	42.6686	242.825
0.6842	2463	42.6686	24.002	37.00	41.250	555.780	13.573	-5.206	22.055	3.591	8.234	32.157	33.276	5.4178	2.81586	0.00040	42.6690	242.878
0.6844	2464	42.6690	24.002	37.00	41.250	555.982	13.578	-5.206	22.056	3.591	8.233	32.152	33.281	5.4186	2.81476	0.00040	42.6694	242.930
0.6847	2465	42.6694	24.003	37.00	41.250	556.184	13.583	-5.206	22.058	3.591	8.233	32.147	33.286	5.4195	2.81367	0.00040	42.6698	242.983
0.6850	2466	42.6698	24.003	37.00	41.250	556.386	13.588	-5.206	22.059	3.592	8.233	32.142	33.292	5.4203	2.81258	0.00040	42.6702	243.036
0.6853	2467	42.6702	24.004	37.00	41.250	556.588	13.593	-5.206	22.061	3.592	8.233	32.137	33.297	5.4211	2.81148	0.00040	42.6706	243.089
0.6856	2468	42.6706	24.004	37.00	41.250	556.790	13.598	-5.206	22.062	3.592	8.232	32.133	33.302	5.4220	2.81039	0.00040	42.6710	243.142
0.6858	2469	42.6710	24.004	37.00	41.250	556.992	13.603	-5.206	22.064	3.592	8.232	32.128	33.307	5.4228	2.80930	0.00040	42.6714	243.195
0.6861	2470	42.6714	24.005	37.00	41.250	557.194	13.608	-5.206	22.066	3.593	8.232	32.123	33.312	5.4237	2.80821	0.00040	42.6718	243.248
0.6864	2471	42.6718	24.005	37.00	41.250	557.396	13.613	-5.206	22.067	3.593	8.232	32.118	33.317	5.4245	2.80712	0.00040	42.6722	243.300
0.6867	2472	42.6722	24.006	37.00	41.250	557.598	13.618	-5.206	22.069	3.593	8.231	32.113	33.322	5.4253	2.80603	0.00040	42.6726	243.353
0.6869	2473	42.6726	24.006	37.00	41.250	557.800	13.623	-5.206	22.070	3.593	8.231	32.108	33.328	5.4262	2.80494	0.00040	42.6730	243.406
0.6872	2474	42.6730	24.006	37.00	41.250	558.002	13.628	-5.206	22.072	3.594	8.231	32.103	33.333	5.4270	2.80385	0.00040	42.6734	243.459
0.6875	2475	42.6734	24.007	37.00	41.250	558.204	13.632	-5.206	22.073	3.594	8.231	32.098	33.338	5.4278	2.80276	0.00040	42.6738	243.511
0.6878	2476	42.6738	24.007	37.00	41.250	558.406	13.637	-5.206	22.075	3.594	8.230	32.093	33.343	5.4287	2.80167	0.00040	42.6742	243.564

0.6881	2477	42.6742	24.008	37.00	41.250	558.609	13.642	-5.206	22.076	3.594	8.230	32.088	33.348	5.4295	2.80058	0.00040	42.6746	243.617
0.6883	2478	42.6746	24.008	37.00	41.250	558.811	13.647	-5.206	22.078	3.595	8.230	32.083	33.353	5.4303	2.79949	0.00040	42.6750	243.669
0.6886	2479	42.6750	24.008	37.00	41.250	559.013	13.652	-5.206	22.080	3.595	8.230	32.078	33.358	5.4312	2.79840	0.00040	42.6754	243.722
0.6889	2480	42.6754	24.009	37.00	41.250	559.215	13.657	-5.206	22.081	3.595	8.229	32.073	33.363	5.4320	2.79731	0.00040	42.6758	243.774
0.6892	2481	42.6758	24.009	37.00	41.250	559.417	13.662	-5.206	22.083	3.595	8.229	32.068	33.369	5.4329	2.79623	0.00040	42.6762	243.827
0.6894	2482	42.6762	24.010	37.00	41.250	559.619	13.667	-5.206	22.084	3.596	8.229	32.063	33.374	5.4337	2.79514	0.00040	42.6766	243.880
0.6897	2483	42.6766	24.010	37.00	41.250	559.821	13.672	-5.206	22.086	3.596	8.229	32.058	33.379	5.4345	2.79405	0.00040	42.6770	243.932
0.6900	2484	42.6770	24.010	37.00	41.250	560.023	13.677	-5.206	22.087	3.596	8.228	32.054	33.384	5.4354	2.79297	0.00040	42.6774	243.985
0.6903	2485	42.6774	24.011	37.00	41.250	560.225	13.682	-5.206	22.089	3.596	8.228	32.049	33.389	5.4362	2.79188	0.00040	42.6778	244.037
0.6906	2486	42.6778	24.011	37.00	41.250	560.427	13.687	-5.206	22.090	3.597	8.228	32.044	33.394	5.4370	2.79080	0.00040	42.6782	244.090
0.6908	2487	42.6782	24.012	37.00	41.250	560.629	13.692	-5.206	22.092	3.597	8.228	32.039	33.399	5.4378	2.78971	0.00040	42.6786	244.142
0.6911	2488	42.6786	24.012	37.00	41.250	560.831	13.697	-5.206	22.094	3.597	8.227	32.034	33.404	5.4387	2.78863	0.00040	42.6790	244.194
0.6914	2489	42.6790	24.012	37.00	41.250	561.033	13.702	-5.206	22.095	3.597	8.227	32.029	33.409	5.4395	2.78755	0.00040	42.6794	244.247
0.6917	2490	42.6794	24.013	37.00	41.250	561.235	13.706	-5.206	22.097	3.598	8.227	32.024	33.415	5.4403	2.78646	0.00040	42.6798	244.299
0.6919	2491	42.6798	24.013	37.00	41.250	561.437	13.711	-5.206	22.098	3.598	8.227	32.019	33.420	5.4412	2.78538	0.00040	42.6802	244.352
0.6922	2492	42.6802	24.014	37.00	41.250	561.639	13.716	-5.206	22.100	3.598	8.226	32.014	33.425	5.4420	2.78430	0.00040	42.6806	244.404
0.6925	2493	42.6806	24.014	37.00	41.250	561.841	13.721	-5.206	22.101	3.598	8.226	32.009	33.430	5.4428	2.78322	0.00040	42.6810	244.456
0.6928	2494	42.6810	24.014	37.00	41.250	562.043	13.726	-5.206	22.103	3.599	8.226	32.005	33.435	5.4437	2.78214	0.00040	42.6814	244.509
0.6931	2495	42.6814	24.015	37.00	41.250	562.245	13.731	-5.206	22.104	3.599	8.226	32.000	33.440	5.4445	2.78105	0.00040	42.6818	244.561
0.6933	2496	42.6818	24.015	37.00	41.250	562.447	13.736	-5.206	22.106	3.599	8.225	31.995	33.445	5.4453	2.77997	0.00040	42.6822	244.613
0.6936	2497	42.6822	24.016	37.00	41.250	562.649	13.741	-5.206	22.107	3.599	8.225	31.990	33.450	5.4461	2.77889	0.00040	42.6826	244.665
0.6939	2498	42.6826	24.016	37.00	41.250	562.851	13.746	-5.206	22.109	3.600	8.225	31.985	33.455	5.4470	2.77781	0.00040	42.6830	244.718
0.6942	2499	42.6830	24.016	37.00	41.250	563.053	13.751	-5.206	22.111	3.600	8.225	31.980	33.460	5.4478	2.77673	0.00040	42.6834	244.770
0.6944	2500	42.6834	24.017	37.00	41.250	563.255	13.756	-5.206	22.112	3.600	8.224	31.975	33.466	5.4486	2.77566	0.00040	42.6838	244.822
0.6947	2501	42.6838	24.017	37.00	41.250	563.457	13.761	-5.206	22.114	3.600	8.224	31.971	33.471	5.4495	2.77458	0.00040	42.6841	244.874
0.6950	2502	42.6841	24.018	37.00	41.250	563.659	13.766	-5.206	22.115	3.601	8.224	31.966	33.476	5.4503	2.77350	0.00040	42.6845	244.926
0.6953	2503	42.6845	24.018	37.00	41.250	563.861	13.771	-5.206	22.117	3.601	8.224	31.961	33.481	5.4511	2.77242	0.00040	42.6849	244.978
0.6956	2504	42.6849	24.018	37.00	41.250	564.063	13.776	-5.206	22.118	3.601	8.223	31.956	33.486	5.4519	2.77134	0.00040	42.6853	245.031
0.6958	2505	42.6853	24.019	37.00	41.250	564.265	13.780	-5.206	22.120	3.601	8.223	31.951	33.491	5.4528	2.77027	0.00040	42.6857	245.083
0.6961	2506	42.6857	24.019	37.00	41.250	564.467	13.785	-5.206	22.121	3.602	8.223	31.946	33.496	5.4536	2.76919	0.00040	42.6861	245.135
0.6964	2507	42.6861	24.020	37.00	41.250	564.669	13.790	-5.206	22.123	3.602	8.223	31.941	33.501	5.4544	2.76811	0.00040	42.6865	245.187
0.6967	2508	42.6865	24.020	37.00	41.250	564.871	13.795	-5.206	22.124	3.602	8.222	31.937	33.506	5.4552	2.76704	0.00040	42.6869	245.239
0.6969	2509	42.6869	24.020	37.00	41.250	565.073	13.800	-5.206	22.126	3.602	8.222	31.932	33.511	5.4561	2.76596	0.00040	42.6873	245.291
0.6972	2510	42.6873	24.021	37.00	41.250	565.276	13.805	-5.206	22.127	3.603	8.222	31.927	33.516	5.4569	2.76489	0.00039	42.6877	245.343
0.6975	2511	42.6877	24.021	37.00	41.250	565.478	13.810	-5.206	22.129	3.603	8.222	31.922	33.521	5.4577	2.76381	0.00039	42.6881	245.395
0.6978	2512	42.6881	24.021	37.00	41.250	565.680	13.815	-5.206	22.131	3.603	8.221	31.917	33.526	5.4585	2.76274	0.00039	42.6885	245.447
0.6981	2513	42.6885	24.022	37.00	41.250	565.882	13.820	-5.206	22.132	3.603	8.221	31.913	33.531	5.4594	2.76167	0.00039	42.6889	245.499
0.6983	2514	42.6889	24.022	37.00	41.250	566.084	13.825	-5.206	22.134	3.604	8.221	31.908	33.536	5.4602	2.76059	0.00039	42.6893	245.551
0.6986	2515	42.6893	24.023	37.00	41.250	566.286	13.830	-5.206	22.135	3.604	8.221	31.903	33.542	5.4610	2.75952	0.00039	42.6897	245.602
0.6989	2516	42.6897	24.023	37.00	41.250	566.488	13.835	-5.206	22.137	3.604	8.220	31.898	33.547	5.4618	2.75845	0.00039	42.6901	245.654
0.6992	2517	42.6901	24.023	37.00	41.250	566.690	13.840	-5.206	22.138	3.604	8.220	31.893	33.552	5.4627	2.75738	0.00039	42.6905	245.706
0.6994	2518	42.6905	24.024	37.00	41.250	566.892	13.845	-5.206	22.140	3.605	8.220	31.889	33.557	5.4635	2.75630	0.00039	42.6909	245.758
0.6997	2519	42.6909	24.024	37.00	41.250	567.094	13.850	-5.206	22.141	3.605	8.220	31.884	33.562	5.4643	2.75523	0.00039	42.6913	245.810
0.7000	2520	42.6913	24.025	37.00	41.250	567.296	13.855	-5.206	22.143	3.605	8.219	31.879	33.567	5.4651	2.75416	0.00039	42.6916	245.862
0.7003	2521	42.6916	24.025	37.00	41.250	567.498	13.859	-5.206	22.144	3.605	8.219	31.874	33.572	5.4659	2.75309	0.00039	42.6920	245.913
0.7006	2522	42.6920	24.025	37.00	41.250	567.700	13.864	-5.206	22.146	3.606	8.219	31.869	33.577	5.4668	2.75202	0.00039	42.6924	245.965
0.7008	2523	42.6924	24.026	37.00	41.250	567.902	13.869	-5.206	22.147	3.606	8.219	31.865	33.582	5.4676	2.75095	0.00039	42.6928	246.017
0.7011	2524	42.6928	24.026	37.00	41.250	568.104	13.874	-5.206	22.149	3.606	8.218	31.860	33.587	5.4684	2.74989	0.00039	42.6932	246.068
0.7014	2525	42.6932	24.027	37.00	41.250	568.306	13.879	-5.206	22.150	3.606	8.218	31.855	33.592	5.4692	2.74882	0.00039	42.6936	246.120
0.7017	2526	42.6936	24.027	37.00	41.250	568.508	13.884	-5.206	22.152	3.607	8.218	31.850	33.597	5.4700	2.74775	0.00039	42.6940	246.172
0.7019	2527	42.6940	24.027	37.00	41.250	568.710	13.889	-5.206	22.154	3.607	8.218	31.845	33.602	5.4709	2.74668	0.00039	42.6944	246.223
0.7022	2528	42.6944	24.028	37.00	41.250	568.912	13.894	-5.206	22.155	3.607	8.217	31.841	33.607	5.4717	2.74561	0.00039	42.6948	246.275
0.7025	2529	42.6948	24.028	37.00	41.250	569.114	13.899	-5.206	22.157	3.607	8.217	31.836	33.612	5.4725	2.74455	0.00039	42.6952	246.327
0.7028	2530	42.6952	24.029	37.00	41.250	569.316	13.904	-5.206	22.158	3.608	8.217	31.831	33.617	5.4733	2.74348	0.00039	42.6956	246.378
0.7031	2531	42.6956	24.029	37.00	41.250	569.518	13.909	-5.206	22.160	3.608	8.217	31.826	33.622	5.4741	2.74241	0.00039	42.6960	246.430
0.7033	2532	42.6960	24.029	37.00	41.250	569.720	13.914	-5.206	22.161	3.608	8.216	31.822	33.627	5.4750	2.74135	0.00039	42.6964	246.481
0.7036	2533	42.6964	24.030	37.00	41.250	569.922	13.919	-5.206	22.163	3.608	8.216	31.817	33.632	5.4758	2.74028	0.00039	42.6967	246.533
0.7039	2534	42.6967	24.030	37.00	41.250	570.124	13.924	-5.206	22.164	3.609	8.216	31.812	33.637	5.4766	2.73922	0.00039	42.6971	246.584
0.7042	2535	42.6971	24.031	37.00	41.250	570.326	13.929	-5.206	22.166	3.609	8.216	31.807	33.642	5.4774	2.73815	0.00039	42.6975	246.636
0.7044	2536	42.6975	24.031	37.00	41.250	570.528	13.933	-5.206	22.167	3.609	8.215	31.803	33.647	5.4782	2.73709	0.00039	42.6979	246.687
0.7047	2537	42.6979	24.031	37.00	41.250	570.730	13.938	-5.206	22.169	3.609	8.215	31.798	33.652	5.4790	2.73603	0.00039	42.6983	246.739
0.7050	2538	42.6983	24.032	37.00	41.250	570.932	13.943	-5.206	22.170	3.610	8.215	31.793	33.657	5.4798	2.73496	0.00039	42.6987	246.790
0.7053	2539	42.6987	24.032	37.00	41.250	571.134	13.948	-5.206	22.172	3.610	8.215	31.789	33.662	5.4807	2.73390	0.00039	42.6991	246.842
0.7056	2540	42.6991	24.032	37.00	41.250	571.336	13.953	-5.206	22.173	3.610	8.214	31.784	33.667	5.4815	2.73284	0.00039	42.6995	246.893
0.7058	2541	42.6995	24.033	37.00	41.250	571.538	13.958	-5.206	22.175	3.610	8.214	31.779	33.672	5.4823	2.73178	0.00039	42.6999	246.944
0.7061	2542	42.6999	24.033	37.00	41.250	571.740	13.963	-5.206	22.176	3.611	8.214	31.774	33.677	5.4831	2.73071	0.00039	42.7003	246.996
0.7064	2543	42.7003	24.034	37.00	41.250	571.943	13.968	-5.206	22.178	3.611	8.214	31.770	33.682	5.4839	2.72965	0.00039	42.7007	247.047
0.7067	2544	42.7007	24.034	37.00	41.250	572.145	13.973	-5.206	22.179	3.611	8.213	31.765	33.687	5.4847	2.72859	0.00039	42.7010	247.098
0.7069	2545	42.7010	24.034	37.00	41.250	572.347	13.978	-5.206	22.181	3.611	8.213	31.760	33.692	5.4855	2.72753	0.00039	42.7014	247.150
0.7072	2546	42.7014	24.035	37.00	41.250	572.549	13.983	-5.206	22.182	3.612	8.213	31.755	33.697	5.4864	2.72647	0.00039	42.7018	247.201
0.7075	2547	42.7018	24.035	37.00	41.250	572.751	13.988	-5.206	22.184	3.612	8.213	31.751	33.702	5.4872	2.72541	0.00039	42.7022	247.252
0.7078	2548	42.7022	24.036	37.00	41.250	572.953	13.993	-5.206	22.185	3.612	8.212	31.746	33.707	5.4880	2.72435	0.00039	42.7026	247.303
0.7081	2549	42.7026	24.036	37.00	41.250	573.155	13.998	-5.206	22.187	3.612	8.212	31.741	33.712	5.4888	2.72330	0.00039	42.7030	247.355
0.7083	2550	42.7030	24.036	37.00	41.250	573.357	14.003	-5.206	22.188	3.613	8.212	31.737	33.717	5.4896	2.72224	0.00039	42.7034	247.406
0.7086	2551	42.7034	24.037	37.00	41.250	573.559	14.007	-5.206	22.190	3.613	8.212	31.732	33.722	5.4904	2.72118	0.00039	42.7038	247.457
0.7089	2552	42.7038	24.037	37.00	41.250	573.761	14.012	-5.206	22.191	3.613	8.211	31.727	33.727	5.4912	2.72012	0.00039	42.7042	247.508
0.7092	2553	42.7042	24.038	37.00	41.250	573.963	14.017	-5.206	22.193	3.613	8.211	31.723	33.732	5.4920	2.71907	0.00039	42.7045	247.559
0.7094	2554	42.7045	24.038	37.00	41.250	574.165	14.022	-5.206	22.195	3.614	8.211	31.718	33.737	5.4929	2.71801	0.00039	42.7049	247.610
0.7097	2555	42.7049	24.038	37.00	41.250	574.367	14.027	-5.206	22.196	3.614	8.211	31.713	33.742	5.4937	2.71695	0.00039	42.7053	247.661
0.7100	2556	42.7053	24.039	37.00	41.250	574.569	14.032	-5.206	22.198	3.614	8.210	31.709	33.747	5.4945	2.71590	0.00039	42.7057	247.712
0.7103	2557	42.7057	24.039	37.00	41.250	574.771	14.037	-5.206	22.199	3.614	8.210	31.704	33.752	5.4953	2.71484	0.00039	42.7061	247.763

0.7106	2558	42.7061	24.039	37.00	41.250	574.973	14.042	-5.206	22.201	3.615	8.210	31.699	33.757	5.4961	2.71379	0.00039	42.7065	247.814
0.7108	2559	42.7065	24.040	37.00	41.250	575.175	14.047	-5.206	22.202	3.615	8.210	31.695	33.762	5.4969	2.71273	0.00039	42.7069	247.865
0.7111	2560	42.7069	24.040	37.00	41.250	575.377	14.052	-5.206	22.204	3.615	8.209	31.690	33.767	5.4977	2.71168	0.00039	42.7073	247.916
0.7114	2561	42.7073	24.041	37.00	41.250	575.579	14.057	-5.206	22.205	3.615	8.209	31.685	33.772	5.4985	2.71062	0.00039	42.7076	247.967
0.7117	2562	42.7076	24.041	37.00	41.250	575.781	14.062	-5.206	22.207	3.616	8.209	31.681	33.777	5.4993	2.70957	0.00039	42.7080	248.018
0.7119	2563	42.7080	24.041	37.00	41.250	575.983	14.067	-5.206	22.208	3.616	8.209	31.676	33.782	5.5001	2.70852	0.00039	42.7084	248.069
0.7122	2564	42.7084	24.042	37.00	41.250	576.185	14.072	-5.206	22.210	3.616	8.208	31.671	33.787	5.5009	2.70747	0.00039	42.7088	248.120
0.7125	2565	42.7088	24.042	37.00	41.250	576.387	14.077	-5.206	22.211	3.616	8.208	31.667	33.792	5.5018	2.70641	0.00039	42.7092	248.171
0.7128	2566	42.7092	24.043	37.00	41.250	576.589	14.081	-5.206	22.213	3.617	8.208	31.662	33.797	5.5026	2.70536	0.00039	42.7096	248.222
0.7131	2567	42.7096	24.043	37.00	41.250	576.791	14.086	-5.206	22.214	3.617	8.208	31.657	33.802	5.5034	2.70431	0.00039	42.7100	248.273
0.7133	2568	42.7100	24.043	37.00	41.250	576.993	14.091	-5.206	22.216	3.617	8.207	31.653	33.807	5.5042	2.70326	0.00039	42.7104	248.324
0.7136	2569	42.7104	24.044	37.00	41.250	577.195	14.096	-5.206	22.217	3.617	8.207	31.648	33.812	5.5050	2.70221	0.00039	42.7107	248.374
0.7139	2570	42.7107	24.044	37.00	41.250	577.397	14.101	-5.206	22.219	3.617	8.207	31.643	33.817	5.5058	2.70116	0.00039	42.7111	248.425
0.7142	2571	42.7111	24.045	37.00	41.250	577.599	14.106	-5.206	22.220	3.618	8.207	31.639	33.821	5.5066	2.70011	0.00039	42.7115	248.476
0.7144	2572	42.7115	24.045	37.00	41.250	577.801	14.111	-5.206	22.222	3.618	8.206	31.634	33.826	5.5074	2.69906	0.00039	42.7119	248.527
0.7147	2573	42.7119	24.045	37.00	41.250	578.003	14.116	-5.206	22.223	3.618	8.206	31.630	33.831	5.5082	2.69801	0.00039	42.7123	248.577
0.7150	2574	42.7123	24.046	37.00	41.250	578.205	14.121	-5.206	22.225	3.618	8.206	31.625	33.836	5.5090	2.69696	0.00039	42.7127	248.628
0.7153	2575	42.7127	24.046	37.00	41.250	578.407	14.126	-5.206	22.226	3.619	8.206	31.620	33.841	5.5098	2.69592	0.00039	42.7131	248.679
0.7156	2576	42.7131	24.046	37.00	41.250	578.609	14.131	-5.206	22.228	3.619	8.205	31.616	33.846	5.5106	2.69487	0.00038	42.7134	248.729
0.7158	2577	42.7134	24.047	37.00	41.250	578.812	14.136	-5.206	22.229	3.619	8.205	31.611	33.851	5.5114	2.69382	0.00038	42.7138	248.780
0.7161	2578	42.7138	24.047	37.00	41.250	579.014	14.141	-5.206	22.231	3.619	8.205	31.607	33.856	5.5122	2.69277	0.00038	42.7142	248.831
0.7164	2579	42.7142	24.048	37.00	41.250	579.216	14.146	-5.206	22.232	3.620	8.205	31.602	33.861	5.5130	2.69173	0.00038	42.7146	248.881
0.7167	2580	42.7146	24.048	37.00	41.250	579.418	14.151	-5.206	22.234	3.620	8.204	31.597	33.866	5.5138	2.69068	0.00038	42.7150	248.932
0.7169	2581	42.7150	24.048	37.00	41.250	579.620	14.155	-5.206	22.235	3.620	8.204	31.593	33.871	5.5146	2.68964	0.00038	42.7154	248.983
0.7172	2582	42.7154	24.049	37.00	41.250	579.822	14.160	-5.206	22.237	3.620	8.204	31.588	33.876	5.5154	2.68859	0.00038	42.7157	249.033
0.7175	2583	42.7157	24.049	37.00	41.250	580.024	14.165	-5.206	22.238	3.621	8.204	31.584	33.881	5.5162	2.68755	0.00038	42.7161	249.084
0.7178	2584	42.7161	24.050	37.00	41.250	580.226	14.170	-5.206	22.240	3.621	8.204	31.579	33.886	5.5170	2.68650	0.00038	42.7165	249.134
0.7181	2585	42.7165	24.050	37.00	41.250	580.428	14.175	-5.206	22.241	3.621	8.203	31.574	33.890	5.5178	2.68546	0.00038	42.7169	249.185
0.7183	2586	42.7169	24.050	37.00	41.250	580.630	14.180	-5.206	22.243	3.621	8.203	31.570	33.895	5.5186	2.68441	0.00038	42.7173	249.235
0.7186	2587	42.7173	24.051	37.00	41.250	580.832	14.185	-5.206	22.244	3.622	8.203	31.565	33.900	5.5194	2.68337	0.00038	42.7177	249.286
0.7189	2588	42.7177	24.051	37.00	41.250	581.034	14.190	-5.206	22.246	3.622	8.203	31.561	33.905	5.5202	2.68233	0.00038	42.7180	249.336
0.7192	2589	42.7180	24.051	37.00	41.250	581.236	14.195	-5.206	22.247	3.622	8.202	31.556	33.910	5.5210	2.68129	0.00038	42.7184	249.386
0.7194	2590	42.7184	24.052	37.00	41.250	581.438	14.200	-5.206	22.249	3.622	8.202	31.552	33.915	5.5218	2.68024	0.00038	42.7188	249.437
0.7197	2591	42.7188	24.052	37.00	41.250	581.640	14.205	-5.206	22.250	3.623	8.202	31.547	33.920	5.5226	2.67920	0.00038	42.7192	249.487
0.7200	2592	42.7192	24.053	37.00	41.250	581.842	14.210	-5.206	22.252	3.623	8.202	31.542	33.925	5.5234	2.67816	0.00038	42.7196	249.537
0.7203	2593	42.7196	24.053	37.00	41.250	582.044	14.215	-5.206	22.253	3.623	8.201	31.538	33.930	5.5242	2.67712	0.00038	42.7200	249.588
0.7206	2594	42.7200	24.053	37.00	41.250	582.246	14.220	-5.206	22.254	3.623	8.201	31.533	33.935	5.5250	2.67608	0.00038	42.7203	249.638
0.7208	2595	42.7203	24.054	37.00	41.250	582.448	14.225	-5.206	22.256	3.624	8.201	31.529	33.940	5.5258	2.67504	0.00038	42.7207	249.688
0.7211	2596	42.7207	24.054	37.00	41.250	582.650	14.229	-5.206	22.257	3.624	8.201	31.524	33.944	5.5266	2.67400	0.00038	42.7211	249.739
0.7214	2597	42.7211	24.054	37.00	41.250	582.852	14.234	-5.206	22.259	3.624	8.200	31.520	33.949	5.5274	2.67296	0.00038	42.7215	249.789
0.7217	2598	42.7215	24.055	37.00	41.250	583.054	14.239	-5.206	22.260	3.624	8.200	31.515	33.954	5.5282	2.67192	0.00038	42.7219	249.839
0.7219	2599	42.7219	24.055	37.00	41.250	583.256	14.244	-5.206	22.262	3.625	8.200	31.511	33.959	5.5290	2.67089	0.00038	42.7223	249.889
0.7222	2600	42.7223	24.056	37.00	41.250	583.458	14.249	-5.206	22.263	3.625	8.200	31.506	33.964	5.5298	2.66985	0.00038	42.7226	249.940
0.7225	2601	42.7226	24.056	37.00	41.250	583.660	14.254	-5.206	22.265	3.625	8.199	31.502	33.969	5.5306	2.66881	0.00038	42.7230	249.990
0.7228	2602	42.7230	24.056	37.00	41.250	583.862	14.259	-5.206	22.266	3.625	8.199	31.497	33.974	5.5314	2.66777	0.00038	42.7234	250.000
0.7231	2603	42.7234	24.057	37.00	41.250	584.064	14.264	-5.206	22.268	3.626	8.199	31.496	33.975	5.5316	2.66737	0.00038	42.7238	250.000
0.7233	2604	42.7238	24.057	37.00	41.250	584.266	14.269	-5.206	22.269	3.626	8.199	31.496	33.975	5.5316	2.66713	0.00038	42.7242	250.000
0.7236	2605	42.7242	24.058	37.00	41.250	584.468	14.274	-5.206	22.271	3.626	8.198	31.496	33.975	5.5316	2.66689	0.00038	42.7245	250.000
0.7239	2606	42.7245	24.058	37.00	41.250	584.670	14.279	-5.206	22.272	3.626	8.198	31.496	33.975	5.5316	2.66665	0.00038	42.7249	250.000
0.7242	2607	42.7249	24.058	37.00	41.250	584.872	14.284	-5.206	22.274	3.626	8.198	31.496	33.975	5.5316	2.66640	0.00038	42.7253	250.000
0.7244	2608	42.7253	24.059	37.00	41.250	585.074	14.289	-5.206	22.275	3.627	8.198	31.496	33.975	5.5316	2.66616	0.00038	42.7257	250.000
0.7247	2609	42.7257	24.059	37.00	41.250	585.276	14.294	-5.206	22.277	3.627	8.197	31.496	33.975	5.5316	2.66592	0.00038	42.7261	250.000
0.7250	2610	42.7261	24.059	37.00	41.250	585.479	14.299	-5.206	22.278	3.627	8.197	31.496	33.975	5.5316	2.66568	0.00038	42.7264	250.000
0.7253	2611	42.7264	24.060	37.00	41.250	585.681	14.303	-5.206	22.280	3.627	8.197	31.496	33.975	5.5316	2.66544	0.00038	42.7268	250.000
0.7256	2612	42.7268	24.060	37.00	41.250	585.883	14.308	-5.206	22.281	3.628	8.197	31.496	33.975	5.5316	2.66520	0.00038	42.7272	250.000
0.7258	2613	42.7272	24.061	37.00	41.250	586.085	14.313	-5.206	22.283	3.628	8.197	31.496	33.975	5.5316	2.66496	0.00038	42.7276	250.000
0.7261	2614	42.7276	24.061	37.00	41.250	586.287	14.318	-5.206	22.284	3.628	8.196	31.496	33.975	5.5316	2.66472	0.00038	42.7280	250.000
0.7264	2615	42.7280	24.061	37.00	41.250	586.489	14.323	-5.206	22.286	3.628	8.196	31.496	33.975	5.5316	2.66447	0.00038	42.7283	250.000
0.7267	2616	42.7283	24.062	37.00	41.250	586.691	14.328	-5.206	22.287	3.629	8.196	31.496	33.975	5.5316	2.66423	0.00038	42.7287	250.000
0.7269	2617	42.7287	24.062	37.00	41.250	586.893	14.333	-5.206	22.289	3.629	8.196	31.496	33.975	5.5316	2.66399	0.00038	42.7291	250.000
0.7272	2618	42.7291	24.062	37.00	41.250	587.095	14.338	-5.206	22.290	3.629	8.195	31.496	33.975	5.5316	2.66375	0.00038	42.7295	250.000
0.7275	2619	42.7295	24.063	37.00	41.250	587.297	14.343	-5.206	22.292	3.629	8.195	31.496	33.975	5.5316	2.66351	0.00038	42.7299	250.000
0.7278	2620	42.7299	24.063	37.00	41.250	587.499	14.348	-5.206	22.293	3.630	8.195	31.496	33.975	5.5316	2.66327	0.00038	42.7303	250.000
0.7281	2621	42.7303	24.064	37.00	41.250	587.701	14.353	-5.206	22.295	3.630	8.195	31.496	33.975	5.5316	2.66303	0.00038	42.7306	250.000
0.7283	2622	42.7306	24.064	37.00	41.250	587.903	14.358	-5.206	22.296	3.630	8.194	31.496	33.975	5.5316	2.66279	0.00038	42.7310	250.000
0.7286	2623	42.7310	24.064	37.00	41.250	588.105	14.363	-5.206	22.297	3.630	8.194	31.496	33.975	5.5316	2.66255	0.00038	42.7314	250.000
0.7289	2624	42.7314	24.065	37.00	41.250	588.307	14.368	-5.206	22.299	3.631	8.194	31.496	33.975	5.5316	2.66231	0.00038	42.7318	250.000
0.7292	2625	42.7318	24.065	37.00	41.250	588.509	14.373	-5.206	22.300	3.631	8.194	31.496	33.975	5.5316	2.66206	0.00038	42.7322	250.000
0.7294	2626	42.7322	24.066	37.00	41.250	588.711	14.378	-5.206	22.302	3.631	8.193	31.496	33.975	5.5316	2.66182	0.00038	42.7325	250.000
0.7297	2627	42.7325	24.066	37.00	41.250	588.913	14.382	-5.206	22.303	3.631	8.193	31.496	33.975	5.5316	2.66158	0.00038	42.7329	250.000
0.7300	2628	42.7329	24.066	37.00	41.250	589.115	14.387	-5.206	22.305	3.632	8.193	31.496	33.975	5.5316	2.66134	0.00038	42.7333	250.000
0.7303	2629	42.7333	24.067	37.00	41.250	589.317	14.392	-5.206	22.306	3.632	8.193	31.496	33.975	5.5316	2.66110	0.00038	42.7337	250.000
0.7306	2630	42.7337	24.067	37.00	41.250	589.519	14.397	-5.206	22.308	3.632	8.192	31.496	33.975	5.5316	2.66086	0.00038	42.7341	250.000
0.7308	2631	42.7341	24.067	37.00	41.250	589.721	14.402	-5.206	22.309	3.632	8.192	31.496	33.975	5.5316	2.66062	0.00038	42.7344	250.000
0.7311	2632	42.7344	24.068	37.00	41.250	589.923	14.407	-5.206	22.311	3.632	8.192	31.496	33.975	5.5316	2.66038	0.00038	42.7348	250.000
0.7314	2633	42.7348	24.068	37.00	41.250	590.125	14.412	-5.206	22.312	3.633	8.192	31.496	33.975	5.5316	2.66014	0.00038	42.7352	250.000
0.7317	2634	42.7352	24.069	37.00	41.250	590.327	14.417	-5.206	22.314	3.633	8.191	31.496	33.975	5.5316	2.65990	0.00038	42.7356	250.000
0.7319	2635	42.7356	24.069	37.00	41.250	590.529	14.422	-5.206	22.315	3.633	8.191	31.496	33.975	5.5316	2.65966	0.00038	42.7360	250.000
0.7322	2636	42.7360	24.069	37.00	41.250	590.731	14.427	-5.206	22.317	3.633	8.191	31.496	33.975	5.5316	2.65942	0.00038	42.7363	250.000
0.7325	2637	42.7363	24.070	37.00	41.250	590.933	14.432	-5.206	22.318	3.634	8.191	31.496	33.975	5.5316	2.65918	0.00038	42.7367	250.000
0.7328	2638	42.7367	24.070	37.00	41.250	591.135	14.437	-5.206	22.320	3.634	8.190	31.496	33.975	5.5316	2.65893	0.00038	42.7371	250.000

0.7331	2639	42.7371	24.070	37.00	41.250	591.337	14.442	-5.206	22.321	3.634	8.190	31.496	33.975	5.5316	2.65869	0.00038	42.7375	250.000
0.7333	2640	42.7375	24.071	37.00	41.250	591.539	14.447	-5.206	22.323	3.634	8.190	31.496	33.975	5.5316	2.65845	0.00038	42.7379	250.000
0.7336	2641	42.7379	24.071	37.00	41.250	591.741	14.452	-5.206	22.324	3.635	8.190	31.496	33.975	5.5316	2.65821	0.00038	42.7382	250.000
0.7339	2642	42.7382	24.072	37.00	41.250	591.943	14.456	-5.206	22.326	3.635	8.190	31.496	33.975	5.5316	2.65797	0.00038	42.7386	250.000
0.7342	2643	42.7386	24.072	37.00	41.250	592.146	14.461	-5.206	22.327	3.635	8.189	31.496	33.975	5.5316	2.65773	0.00038	42.7390	250.000
0.7344	2644	42.7390	24.072	37.00	41.250	592.348	14.466	-5.206	22.329	3.635	8.189	31.496	33.975	5.5316	2.65749	0.00038	42.7394	250.000
0.7347	2645	42.7394	24.073	37.00	41.250	592.550	14.471	-5.206	22.330	3.636	8.189	31.496	33.975	5.5316	2.65725	0.00038	42.7398	250.000
0.7350	2646	42.7398	24.073	37.00	41.250	592.752	14.476	-5.206	22.331	3.636	8.189	31.496	33.975	5.5316	2.65701	0.00038	42.7401	250.000
0.7353	2647	42.7401	24.074	37.00	41.250	592.954	14.481	-5.206	22.333	3.636	8.188	31.496	33.975	5.5316	2.65677	0.00038	42.7405	250.000
0.7356	2648	42.7405	24.074	37.00	41.250	593.156	14.486	-5.206	22.334	3.636	8.188	31.496	33.975	5.5316	2.65653	0.00038	42.7409	250.000
0.7358	2649	42.7409	24.074	37.00	41.250	593.358	14.491	-5.206	22.336	3.637	8.188	31.496	33.975	5.5316	2.65629	0.00038	42.7413	250.000
0.7361	2650	42.7413	24.075	37.00	41.250	593.560	14.496	-5.206	22.337	3.637	8.188	31.496	33.975	5.5316	2.65605	0.00038	42.7416	250.000
0.7364	2651	42.7416	24.075	37.00	41.250	593.762	14.501	-5.206	22.339	3.637	8.187	31.496	33.975	5.5316	2.65581	0.00038	42.7420	250.000
0.7367	2652	42.7420	24.075	37.00	41.250	593.964	14.506	-5.206	22.340	3.637	8.187	31.496	33.975	5.5316	2.65557	0.00038	42.7424	250.000
0.7369	2653	42.7424	24.076	37.00	41.250	594.166	14.511	-5.206	22.342	3.638	8.187	31.496	33.975	5.5316	2.65533	0.00038	42.7428	250.000
0.7372	2654	42.7428	24.076	37.00	41.250	594.368	14.516	-5.206	22.343	3.638	8.187	31.496	33.975	5.5316	2.65509	0.00038	42.7432	250.000
0.7375	2655	42.7432	24.077	37.00	41.250	594.570	14.521	-5.206	22.345	3.638	8.186	31.496	33.975	5.5316	2.65485	0.00038	42.7435	250.000
0.7378	2656	42.7435	24.077	37.00	41.250	594.772	14.526	-5.206	22.346	3.638	8.186	31.496	33.975	5.5316	2.65461	0.00038	42.7439	250.000
0.7381	2657	42.7439	24.077	37.00	41.250	594.974	14.530	-5.206	22.348	3.639	8.186	31.496	33.975	5.5316	2.65437	0.00038	42.7443	250.000
0.7383	2658	42.7443	24.078	37.00	41.250	595.176	14.535	-5.206	22.349	3.639	8.186	31.496	33.975	5.5316	2.65413	0.00038	42.7447	250.000
0.7386	2659	42.7447	24.078	37.00	41.250	595.378	14.540	-5.206	22.351	3.639	8.185	31.496	33.975	5.5316	2.65389	0.00038	42.7451	250.000
0.7389	2660	42.7451	24.078	37.00	41.250	595.580	14.545	-5.206	22.352	3.639	8.185	31.496	33.975	5.5316	2.65365	0.00038	42.7454	250.000
0.7392	2661	42.7454	24.079	37.00	41.250	595.782	14.550	-5.206	22.354	3.639	8.185	31.496	33.975	5.5316	2.65341	0.00038	42.7458	250.000
0.7394	2662	42.7458	24.079	37.00	41.250	595.984	14.555	-5.206	22.355	3.640	8.185	31.496	33.975	5.5316	2.65317	0.00038	42.7462	250.000
0.7397	2663	42.7462	24.080	37.00	41.250	596.186	14.560	-5.206	22.357	3.640	8.184	31.496	33.975	5.5316	2.65293	0.00038	42.7466	250.000
0.7400	2664	42.7466	24.080	37.00	41.250	596.388	14.565	-5.206	22.358	3.640	8.184	31.496	33.975	5.5316	2.65269	0.00038	42.7470	250.000
0.7403	2665	42.7470	24.080	37.00	41.250	596.590	14.570	-5.206	22.360	3.640	8.184	31.496	33.975	5.5316	2.65245	0.00038	42.7473	250.000
0.7406	2666	42.7473	24.081	37.00	41.250	596.792	14.575	-5.206	22.361	3.641	8.184	31.496	33.975	5.5316	2.65221	0.00038	42.7477	250.000
0.7408	2667	42.7477	24.081	37.00	41.250	596.994	14.580	-5.206	22.362	3.641	8.184	31.496	33.975	5.5316	2.65197	0.00038	42.7481	250.000
0.7411	2668	42.7481	24.081	37.00	41.250	597.196	14.585	-5.206	22.364	3.641	8.183	31.496	33.975	5.5316	2.65173	0.00038	42.7485	250.000
0.7414	2669	42.7485	24.082	37.00	41.250	597.398	14.590	-5.206	22.365	3.641	8.183	31.496	33.975	5.5316	2.65149	0.00038	42.7489	250.000
0.7417	2670	42.7489	24.082	37.00	41.250	597.600	14.595	-5.206	22.367	3.642	8.183	31.496	33.975	5.5316	2.65125	0.00038	42.7492	250.000
0.7419	2671	42.7492	24.083	37.00	41.250	597.802	14.600	-5.206	22.368	3.642	8.183	31.496	33.975	5.5316	2.65101	0.00038	42.7496	250.000
0.7422	2672	42.7496	24.083	37.00	41.250	598.004	14.604	-5.206	22.370	3.642	8.182	31.496	33.975	5.5316	2.65077	0.00038	42.7500	250.000
0.7425	2673	42.7500	24.083	37.00	41.250	598.206	14.609	-5.206	22.371	3.642	8.182	31.496	33.975	5.5316	2.65053	0.00038	42.7504	250.000
0.7428	2674	42.7504	24.084	37.00	41.250	598.408	14.614	-5.206	22.373	3.643	8.182	31.496	33.975	5.5316	2.65029	0.00038	42.7507	250.000
0.7431	2675	42.7507	24.084	37.00	41.250	598.610	14.619	-5.206	22.374	3.643	8.182	31.496	33.975	5.5316	2.65005	0.00038	42.7511	250.000
0.7433	2676	42.7511	24.085	37.00	41.250	598.812	14.624	-5.206	22.376	3.643	8.181	31.496	33.975	5.5316	2.64981	0.00038	42.7515	250.000
0.7436	2677	42.7515	24.085	37.00	41.250	599.015	14.629	-5.206	22.377	3.643	8.181	31.496	33.975	5.5316	2.64957	0.00038	42.7519	250.000
0.7439	2678	42.7519	24.085	37.00	41.250	599.217	14.634	-5.206	22.379	3.644	8.181	31.496	33.975	5.5316	2.64933	0.00038	42.7523	250.000
0.7442	2679	42.7523	24.086	37.00	41.250	599.419	14.639	-5.206	22.380	3.644	8.181	31.496	33.975	5.5316	2.64909	0.00038	42.7526	250.000
0.7444	2680	42.7526	24.086	37.00	41.250	599.621	14.644	-5.206	22.382	3.644	8.180	31.496	33.975	5.5316	2.64885	0.00038	42.7530	250.000
0.7447	2681	42.7530	24.086	37.00	41.250	599.823	14.649	-5.206	22.383	3.644	8.180	31.496	33.975	5.5316	2.64861	0.00038	42.7534	250.000
0.7450	2682	42.7534	24.087	37.00	41.250	600.025	14.654	-5.206	22.385	3.645	8.180	31.496	33.975	5.5316	2.64837	0.00038	42.7538	250.000
0.7453	2683	42.7538	24.087	37.00	41.250	600.227	14.659	-5.206	22.386	3.645	8.180	31.496	33.975	5.5316	2.64813	0.00038	42.7542	250.000
0.7456	2684	42.7542	24.088	37.00	41.250	600.429	14.664	-5.206	22.388	3.645	8.179	31.496	33.975	5.5316	2.64789	0.00038	42.7545	250.000
0.7458	2685	42.7545	24.088	37.00	41.250	600.631	14.669	-5.206	22.389	3.645	8.179	31.496	33.975	5.5316	2.64765	0.00038	42.7549	250.000
0.7461	2686	42.7549	24.088	37.00	41.250	600.833	14.674	-5.206	22.390	3.645	8.179	31.496	33.975	5.5316	2.64741	0.00038	42.7553	250.000
0.7464	2687	42.7553	24.089	37.00	41.250	601.035	14.678	-5.206	22.392	3.646	8.179	31.496	33.975	5.5316	2.64717	0.00038	42.7557	250.000
0.7467	2688	42.7557	24.089	37.00	41.250	601.237	14.683	-5.206	22.393	3.646	8.178	31.496	33.975	5.5316	2.64693	0.00038	42.7560	250.000
0.7469	2689	42.7560	24.089	37.00	41.250	601.439	14.688	-5.206	22.395	3.646	8.178	31.496	33.975	5.5316	2.64669	0.00038	42.7564	250.000
0.7472	2690	42.7564	24.090	37.00	41.250	601.641	14.693	-5.206	22.396	3.646	8.178	31.496	33.975	5.5316	2.64645	0.00038	42.7568	250.000
0.7475	2691	42.7568	24.090	37.00	41.250	601.843	14.698	-5.206	22.398	3.647	8.178	31.496	33.975	5.5316	2.64621	0.00038	42.7572	250.000
0.7478	2692	42.7572	24.091	37.00	41.250	602.045	14.703	-5.206	22.399	3.647	8.178	31.496	33.975	5.5316	2.64597	0.00038	42.7576	250.000
0.7481	2693	42.7576	24.091	37.00	41.250	602.247	14.708	-5.206	22.401	3.647	8.177	31.496	33.975	5.5316	2.64573	0.00038	42.7579	250.000
0.7483	2694	42.7579	24.091	37.00	41.250	602.449	14.713	-5.206	22.402	3.647	8.177	31.496	33.975	5.5316	2.64549	0.00038	42.7583	250.000
0.7486	2695	42.7583	24.092	37.00	41.250	602.651	14.718	-5.206	22.404	3.648	8.177	31.496	33.975	5.5316	2.64525	0.00038	42.7587	250.000
0.7489	2696	42.7587	24.092	37.00	41.250	602.853	14.723	-5.206	22.405	3.648	8.177	31.496	33.975	5.5316	2.64501	0.00038	42.7591	250.000
0.7492	2697	42.7591	24.092	37.00	41.250	603.055	14.728	-5.206	22.407	3.648	8.176	31.496	33.975	5.5316	2.64478	0.00038	42.7594	250.000
0.7494	2698	42.7594	24.093	37.00	41.250	603.257	14.733	-5.206	22.408	3.648	8.176	31.496	33.975	5.5316	2.64454	0.00038	42.7598	250.000
0.7497	2699	42.7598	24.093	37.00	41.250	603.459	14.738	-5.206	22.410	3.649	8.176	31.496	33.975	5.5316	2.64430	0.00038	42.7602	250.000
0.7500	2700	42.7602	24.094	37.00	41.250	603.661	14.743	-5.206	22.411	3.649	8.176	31.496	33.975	5.5316	2.64406	0.00038	42.7606	250.000
0.7503	2701	42.7606	24.094	37.00	41.250	603.863	14.748	-5.206	22.413	3.649	8.175	31.496	33.975	5.5316	2.64382	0.00038	42.7610	250.000
0.7506	2702	42.7610	24.094	37.00	41.250	604.065	14.752	-5.206	22.414	3.649	8.175	31.496	33.975	5.5316	2.64358	0.00038	42.7613	250.000
0.7508	2703	42.7613	24.095	37.00	41.250	604.267	14.757	-5.206	22.415	3.650	8.175	31.496	33.975	5.5316	2.64334	0.00038	42.7617	250.000
0.7511	2704	42.7617	24.095	37.00	41.250	604.469	14.762	-5.206	22.417	3.650	8.175	31.496	33.975	5.5316	2.64310	0.00038	42.7621	250.000
0.7514	2705	42.7621	24.095	37.00	41.250	604.671	14.767	-5.206	22.418	3.650	8.174	31.496	33.975	5.5316	2.64286	0.00038	42.7625	250.000
0.7517	2706	42.7625	24.096	37.00	41.250	604.873	14.772	-5.206	22.420	3.650	8.174	31.496	33.975	5.5316	2.64262	0.00038	42.7628	250.000
0.7519	2707	42.7628	24.096	37.00	41.250	605.075	14.777	-5.206	22.421	3.650	8.174	31.496	33.975	5.5316	2.64238	0.00038	42.7632	250.000
0.7522	2708	42.7632	24.097	37.00	41.250	605.277	14.782	-5.206	22.423	3.651	8.174	31.496	33.975	5.5316	2.64214	0.00038	42.7636	250.000
0.7525	2709	42.7636	24.097	37.00	41.250	605.479	14.787	-5.206	22.424	3.651	8.173	31.496	33.975	5.5316	2.64190	0.00038	42.7640	250.000
0.7528	2710	42.7640	24.097	37.00	41.250	605.682	14.792	-5.206	22.426	3.651	8.173	31.496	33.975	5.5316	2.64167	0.00038	42.7644	250.000
0.7531	2711	42.7644	24.098	37.00	41.250	605.884	14.797	-5.206	22.427	3.651	8.173	31.496	33.975	5.5316	2.64143	0.00038	42.7647	250.000
0.7533	2712	42.7647	24.098	37.00	41.250	606.086	14.802	-5.206	22.429	3.652	8.173	31.496	33.975	5.5316	2.64119	0.00038	42.7651	250.000
0.7536	2713	42.7651	24.098	37.00	41.250	606.288	14.807	-5.206	22.430	3.652	8.173	31.496	33.975	5.5316	2.64095	0.00038	42.7655	250.000
0.7539	2714	42.7655	24.099	37.00	41.250	606.490	14.812	-5.206	22.432	3.652	8.172	31.496	33.975	5.5316	2.64071	0.00038	42.7659	250.000
0.7542	2715	42.7659	24.099	37.00	41.250	606.692	14.817	-5.206	22.433	3.652	8.172	31.496	33.975	5.5316	2.64047	0.00038	42.7662	250.000
0.7544	2716	42.7662	24.100	37.00	41.250	606.894	14.822	-5.206	22.435	3.653	8.172	31.496	33.975	5.5316	2.64023	0.00038	42.7666	250.000
0.7547	2717	42.7666	24.100	37.00	41.250	607.096	14.826	-5.206	22.436	3.653	8.172	31.496	33.975	5.5316	2.63999	0.00038	42.7670	250.000
0.7550	2718	42.7670	24.100	37.00	41.250	607.298	14.831	-5.206	22.437	3.653	8.171	31.496	33.975	5.5316	2.63975	0.00038	42.7674	250.000
0.7553	2719	42.7674	24.101	37.00	41.250	607.500	14.836	-5.206	22.439	3.653	8.171	31.496	33.975	5.5316	2.63952	0.00038	42.7677	250.000

0.7556	2720	42.7677	24.101	37.00	41.250	607.702	14.841	-5.206	22.440	3.654	8.171	31.496	33.975	5.5316	2.63928	0.00038	42.7681	250.000
0.7558	2721	42.7681	24.102	37.00	41.250	607.904	14.846	-5.206	22.442	3.654	8.171	31.496	33.975	5.5316	2.63904	0.00038	42.7685	250.000
0.7561	2722	42.7685	24.102	37.00	41.250	608.106	14.851	-5.206	22.443	3.654	8.170	31.496	33.975	5.5316	2.63880	0.00038	42.7689	250.000
0.7564	2723	42.7689	24.102	37.00	41.250	608.308	14.856	-5.206	22.445	3.654	8.170	31.496	33.975	5.5316	2.63856	0.00038	42.7693	250.000
0.7567	2724	42.7693	24.103	37.00	41.250	608.510	14.861	-5.206	22.446	3.655	8.170	31.496	33.975	5.5316	2.63832	0.00038	42.7696	250.000
0.7569	2725	42.7696	24.103	37.00	41.250	608.712	14.866	-5.206	22.448	3.655	8.170	31.496	33.975	5.5316	2.63808	0.00038	42.7700	250.000
0.7572	2726	42.7700	24.103	37.00	41.250	608.914	14.871	-5.206	22.449	3.655	8.169	31.496	33.975	5.5316	2.63784	0.00038	42.7704	250.000
0.7575	2727	42.7704	24.104	37.00	41.250	609.116	14.876	-5.206	22.451	3.655	8.169	31.496	33.975	5.5316	2.63760	0.00038	42.7708	250.000
0.7578	2728	42.7708	24.104	37.00	41.250	609.318	14.881	-5.206	22.452	3.656	8.169	31.496	33.975	5.5316	2.63737	0.00038	42.7711	250.000
0.7581	2729	42.7711	24.105	37.00	41.250	609.520	14.886	-5.206	22.454	3.656	8.169	31.496	33.975	5.5316	2.63713	0.00038	42.7715	250.000
0.7583	2730	42.7715	24.105	37.00	41.250	609.722	14.891	-5.206	22.455	3.656	8.168	31.496	33.975	5.5316	2.63689	0.00038	42.7719	250.000
0.7586	2731	42.7719	24.105	37.00	41.250	609.924	14.896	-5.206	22.457	3.656	8.168	31.496	33.975	5.5316	2.63665	0.00038	42.7723	250.000
0.7589	2732	42.7723	24.106	37.00	41.250	610.126	14.901	-5.206	22.458	3.656	8.168	31.496	33.975	5.5316	2.63641	0.00038	42.7726	250.000
0.7592	2733	42.7726	24.106	37.00	41.250	610.328	14.905	-5.206	22.459	3.657	8.168	31.496	33.975	5.5316	2.63617	0.00038	42.7730	250.000
0.7594	2734	42.7730	24.106	37.00	41.250	610.530	14.910	-5.206	22.461	3.657	8.167	31.496	33.975	5.5316	2.63593	0.00038	42.7734	250.000
0.7597	2735	42.7734	24.107	37.00	41.250	610.732	14.915	-5.206	22.462	3.657	8.167	31.496	33.975	5.5316	2.63570	0.00038	42.7738	250.000
0.7600	2736	42.7738	24.107	37.00	41.250	610.934	14.920	-5.206	22.464	3.657	8.167	31.496	33.975	5.5316	2.63546	0.00038	42.7742	250.000
0.7603	2737	42.7742	24.108	37.00	41.250	611.136	14.925	-5.206	22.465	3.658	8.167	31.496	33.975	5.5316	2.63522	0.00038	42.7745	250.000
0.7606	2738	42.7745	24.108	37.00	41.250	611.338	14.930	-5.206	22.467	3.658	8.167	31.496	33.975	5.5316	2.63498	0.00038	42.7749	250.000
0.7608	2739	42.7749	24.108	37.00	41.250	611.540	14.935	-5.206	22.468	3.658	8.166	31.496	33.975	5.5316	2.63474	0.00038	42.7753	250.000
0.7611	2740	42.7753	24.109	37.00	41.250	611.742	14.940	-5.206	22.470	3.658	8.166	31.496	33.975	5.5316	2.63450	0.00038	42.7757	250.000
0.7614	2741	42.7757	24.109	37.00	41.250	611.944	14.945	-5.206	22.471	3.659	8.166	31.496	33.975	5.5316	2.63427	0.00038	42.7760	250.000
0.7617	2742	42.7760	24.109	37.00	41.250	612.146	14.950	-5.206	22.473	3.659	8.166	31.496	33.975	5.5316	2.63403	0.00038	42.7764	250.000
0.7619	2743	42.7764	24.110	37.00	41.250	612.348	14.955	-5.206	22.474	3.659	8.165	31.496	33.975	5.5316	2.63379	0.00038	42.7768	250.000
0.7622	2744	42.7768	24.110	37.00	41.250	612.551	14.960	-5.206	22.476	3.659	8.165	31.496	33.975	5.5316	2.63355	0.00038	42.7772	250.000
0.7625	2745	42.7772	24.111	37.00	41.250	612.753	14.965	-5.206	22.477	3.660	8.165	31.496	33.975	5.5316	2.63331	0.00038	42.7775	250.000
0.7628	2746	42.7775	24.111	37.00	41.250	612.955	14.970	-5.206	22.479	3.660	8.165	31.496	33.975	5.5316	2.63307	0.00038	42.7779	250.000
0.7631	2747	42.7779	24.111	37.00	41.250	613.157	14.975	-5.206	22.480	3.660	8.164	31.496	33.975	5.5316	2.63284	0.00038	42.7783	250.000
0.7633	2748	42.7783	24.112	37.00	41.250	613.359	14.979	-5.206	22.481	3.660	8.164	31.496	33.975	5.5316	2.63260	0.00038	42.7787	250.000
0.7636	2749	42.7787	24.112	37.00	41.250	613.561	14.984	-5.206	22.483	3.661	8.164	31.496	33.975	5.5316	2.63236	0.00038	42.7790	250.000
0.7639	2750	42.7790	24.112	37.00	41.250	613.763	14.989	-5.206	22.484	3.661	8.164	31.496	33.975	5.5316	2.63212	0.00038	42.7794	250.000
0.7642	2751	42.7794	24.113	37.00	41.250	613.965	14.994	-5.206	22.486	3.661	8.163	31.496	33.975	5.5316	2.63188	0.00038	42.7798	250.000
0.7644	2752	42.7798	24.113	37.00	41.250	614.167	14.999	-5.206	22.487	3.661	8.163	31.496	33.975	5.5316	2.63164	0.00038	42.7802	250.000
0.7647	2753	42.7802	24.114	37.00	41.250	614.369	15.004	-5.206	22.489	3.661	8.163	31.496	33.975	5.5316	2.63141	0.00038	42.7805	250.000
0.7650	2754	42.7805	24.114	37.00	41.250	614.571	15.009	-5.206	22.490	3.662	8.163	31.496	33.975	5.5316	2.63117	0.00038	42.7809	250.000
0.7653	2755	42.7809	24.114	37.00	41.250	614.773	15.014	-5.206	22.492	3.662	8.162	31.496	33.975	5.5316	2.63093	0.00038	42.7813	250.000
0.7656	2756	42.7813	24.115	37.00	41.250	614.975	15.019	-5.206	22.493	3.662	8.162	31.496	33.975	5.5316	2.63069	0.00038	42.7817	250.000
0.7658	2757	42.7817	24.115	37.00	41.250	615.177	15.024	-5.206	22.495	3.662	8.162	31.496	33.975	5.5316	2.63045	0.00038	42.7821	250.000
0.7661	2758	42.7821	24.115	37.00	41.250	615.379	15.029	-5.206	22.496	3.663	8.162	31.496	33.975	5.5316	2.63022	0.00038	42.7824	250.000
0.7664	2759	42.7824	24.116	37.00	41.250	615.581	15.034	-5.206	22.498	3.663	8.162	31.496	33.975	5.5316	2.62998	0.00038	42.7828	250.000
0.7667	2760	42.7828	24.116	37.00	41.250	615.783	15.039	-5.206	22.499	3.663	8.161	31.496	33.975	5.5316	2.62974	0.00038	42.7832	250.000
0.7669	2761	42.7832	24.117	37.00	41.250	615.985	15.044	-5.206	22.500	3.663	8.161	31.496	33.975	5.5316	2.62950	0.00038	42.7836	250.000
0.7672	2762	42.7836	24.117	37.00	41.250	616.187	15.049	-5.206	22.502	3.664	8.161	31.496	33.975	5.5316	2.62926	0.00038	42.7839	250.000
0.7675	2763	42.7839	24.117	37.00	41.250	616.389	15.053	-5.206	22.503	3.664	8.161	31.496	33.975	5.5316	2.62903	0.00038	42.7843	250.000
0.7678	2764	42.7843	24.118	37.00	41.250	616.591	15.058	-5.206	22.505	3.664	8.160	31.496	33.975	5.5316	2.62879	0.00038	42.7847	250.000
0.7681	2765	42.7847	24.118	37.00	41.250	616.793	15.063	-5.206	22.506	3.664	8.160	31.496	33.975	5.5316	2.62855	0.00038	42.7851	250.000
0.7683	2766	42.7851	24.118	37.00	41.250	616.995	15.068	-5.206	22.508	3.665	8.160	31.496	33.975	5.5316	2.62831	0.00038	42.7854	250.000
0.7686	2767	42.7854	24.119	37.00	41.250	617.197	15.073	-5.206	22.509	3.665	8.160	31.496	33.975	5.5316	2.62807	0.00038	42.7858	250.000
0.7689	2768	42.7858	24.119	37.00	41.250	617.399	15.078	-5.206	22.511	3.665	8.159	31.496	33.975	5.5316	2.62784	0.00038	42.7862	250.000
0.7692	2769	42.7862	24.120	37.00	41.250	617.601	15.083	-5.206	22.512	3.665	8.159	31.496	33.975	5.5316	2.62760	0.00038	42.7866	250.000
0.7694	2770	42.7866	24.120	37.00	41.250	617.803	15.088	-5.206	22.514	3.666	8.159	31.496	33.975	5.5316	2.62736	0.00038	42.7869	250.000
0.7697	2771	42.7869	24.120	37.00	41.250	618.005	15.093	-5.206	22.515	3.666	8.159	31.496	33.975	5.5316	2.62712	0.00038	42.7873	250.000
0.7700	2772	42.7873	24.121	37.00	41.250	618.207	15.098	-5.206	22.517	3.666	8.158	31.496	33.975	5.5316	2.62689	0.00038	42.7877	250.000
0.7703	2773	42.7877	24.121	37.00	41.250	618.409	15.103	-5.206	22.518	3.666	8.158	31.496	33.975	5.5316	2.62665	0.00038	42.7881	250.000
0.7706	2774	42.7881	24.121	37.00	41.250	618.611	15.108	-5.206	22.519	3.666	8.158	31.496	33.975	5.5316	2.62641	0.00038	42.7884	250.000
0.7708	2775	42.7884	24.122	37.00	41.250	618.813	15.113	-5.206	22.521	3.667	8.158	31.496	33.975	5.5316	2.62617	0.00038	42.7888	250.000
0.7711	2776	42.7888	24.122	37.00	41.250	619.015	15.118	-5.206	22.522	3.667	8.157	31.496	33.975	5.5316	2.62593	0.00038	42.7892	250.000
0.7714	2777	42.7892	24.123	37.00	41.250	619.218	15.123	-5.206	22.524	3.667	8.157	31.496	33.975	5.5316	2.62570	0.00038	42.7896	250.000
0.7717	2778	42.7896	24.123	37.00	41.250	619.420	15.127	-5.206	22.525	3.667	8.157	31.496	33.975	5.5316	2.62546	0.00038	42.7899	250.000
0.7719	2779	42.7899	24.123	37.00	41.250	619.622	15.132	-5.206	22.527	3.668	8.157	31.496	33.975	5.5316	2.62522	0.00038	42.7903	250.000
0.7722	2780	42.7903	24.124	37.00	41.250	619.824	15.137	-5.206	22.528	3.668	8.157	31.496	33.975	5.5316	2.62498	0.00037	42.7907	250.000
0.7725	2781	42.7907	24.124	37.00	41.250	620.026	15.142	-5.206	22.530	3.668	8.156	31.496	33.975	5.5316	2.62475	0.00037	42.7911	250.000
0.7728	2782	42.7911	24.124	37.00	41.250	620.228	15.147	-5.206	22.531	3.668	8.156	31.496	33.975	5.5316	2.62451	0.00037	42.7914	250.000
0.7731	2783	42.7914	24.125	37.00	41.250	620.430	15.152	-5.206	22.533	3.669	8.156	31.496	33.975	5.5316	2.62427	0.00037	42.7918	250.000
0.7733	2784	42.7918	24.125	37.00	41.250	620.632	15.157	-5.206	22.534	3.669	8.156	31.496	33.975	5.5316	2.62403	0.00037	42.7922	250.000
0.7736	2785	42.7922	24.126	37.00	41.250	620.834	15.162	-5.206	22.535	3.669	8.155	31.496	33.975	5.5316	2.62380	0.00037	42.7926	250.000
0.7739	2786	42.7926	24.126	37.00	41.250	621.036	15.167	-5.206	22.537	3.669	8.155	31.496	33.975	5.5316	2.62356	0.00037	42.7929	250.000
0.7742	2787	42.7929	24.126	37.00	41.250	621.238	15.172	-5.206	22.538	3.670	8.155	31.496	33.975	5.5316	2.62332	0.00037	42.7933	250.000
0.7744	2788	42.7933	24.127	37.00	41.250	621.440	15.177	-5.206	22.540	3.670	8.155	31.496	33.975	5.5316	2.62308	0.00037	42.7937	250.000
0.7747	2789	42.7937	24.127	37.00	41.250	621.642	15.182	-5.206	22.541	3.670	8.154	31.496	33.975	5.5316	2.62285	0.00037	42.7941	250.000
0.7750	2790	42.7941	24.127	37.00	41.250	621.844	15.187	-5.206	22.543	3.670	8.154	31.496	33.975	5.5316	2.62261	0.00037	42.7944	250.000
0.7753	2791	42.7944	24.128	37.00	41.250	622.046	15.192	-5.206	22.544	3.671	8.154	31.496	33.975	5.5316	2.62237	0.00037	42.7948	250.000
0.7756	2792	42.7948	24.128	37.00	41.250	622.248	15.197	-5.206	22.546	3.671	8.154	31.496	33.975	5.5316	2.62214	0.00037	42.7952	250.000
0.7758	2793	42.7952	24.129	37.00	41.250	622.450	15.201	-5.206	22.547	3.671	8.153	31.496	33.975	5.5316	2.62190	0.00037	42.7956	250.000
0.7761	2794	42.7956	24.129	37.00	41.250	622.652	15.206	-5.206	22.549	3.671	8.153	31.496	33.975	5.5316	2.62166	0.00037	42.7959	250.000
0.7764	2795	42.7959	24.129	37.00	41.250	622.854	15.211	-5.206	22.550	3.671	8.153	31.496	33.975	5.5316	2.62142	0.00037	42.7963	250.000
0.7767	2796	42.7963	24.130	37.00	41.250	623.056	15.216	-5.206	22.552	3.672	8.153	31.496	33.975	5.5316	2.62119	0.00037	42.7967	250.000
0.7769	2797	42.7967	24.130	37.00	41.250	623.258	15.221	-5.206	22.553	3.672	8.153	31.496	33.975	5.5316	2.62095	0.00037	42.7971	250.000
0.7772	2798	42.7971	24.130	37.00	41.250	623.460	15.226	-5.206	22.554	3.672	8.152	31.496	33.975	5.5316	2.62071	0.00037	42.7974	250.000
0.7775	2799	42.7974	24.131	37.00	41.250	623.662	15.231	-5.206	22.556	3.672	8.152	31.496	33.975	5.5316	2.62047	0.00037	42.7978	250.000
0.7778	2800	42.7978	24.131	37.00	41.250	623.864	15.236	-5.206	22.557	3.673	8.152	31.496	33.975	5.5316	2.62024	0.00037	42.7982	250.000

0.7781	2801	42.7982	24.132	37.00	41.250	624.066	15.241	-5.206	22.559	3.673	8.152	31.496	33.975	5.5316	2.62000	0.00037	42.7986	250.000
0.7783	2802	42.7986	24.132	37.00	41.250	624.268	15.246	-5.206	22.560	3.673	8.151	31.496	33.975	5.5316	2.61976	0.00037	42.7989	250.000
0.7786	2803	42.7989	24.132	37.00	41.250	624.470	15.251	-5.206	22.562	3.673	8.151	31.496	33.975	5.5316	2.61953	0.00037	42.7993	250.000
0.7789	2804	42.7993	24.133	37.00	41.250	624.672	15.256	-5.206	22.563	3.674	8.151	31.496	33.975	5.5316	2.61929	0.00037	42.7997	250.000
0.7792	2805	42.7997	24.133	37.00	41.250	624.874	15.261	-5.206	22.565	3.674	8.151	31.496	33.975	5.5316	2.61905	0.00037	42.8000	250.000
0.7794	2806	42.8000	24.133	37.00	41.250	625.076	15.266	-5.206	22.566	3.674	8.150	31.496	33.975	5.5316	2.61882	0.00037	42.8004	250.000
0.7797	2807	42.8004	24.134	37.00	41.250	625.278	15.271	-5.206	22.568	3.674	8.150	31.496	33.975	5.5316	2.61858	0.00037	42.8008	250.000
0.7800	2808	42.8008	24.134	37.00	41.250	625.480	15.275	-5.206	22.569	3.675	8.150	31.496	33.975	5.5316	2.61834	0.00037	42.8012	250.000
0.7803	2809	42.8012	24.135	37.00	41.250	625.682	15.280	-5.206	22.570	3.675	8.150	31.496	33.975	5.5316	2.61810	0.00037	42.8015	250.000
0.7806	2810	42.8015	24.135	37.00	41.250	625.885	15.285	-5.206	22.572	3.675	8.149	31.496	33.975	5.5316	2.61787	0.00037	42.8019	250.000
0.7808	2811	42.8019	24.135	37.00	41.250	626.087	15.290	-5.206	22.573	3.675	8.149	31.496	33.975	5.5316	2.61763	0.00037	42.8023	250.000
0.7811	2812	42.8023	24.136	37.00	41.250	626.289	15.295	-5.206	22.575	3.675	8.149	31.496	33.975	5.5316	2.61739	0.00037	42.8027	250.000
0.7814	2813	42.8027	24.136	37.00	41.250	626.491	15.300	-5.206	22.576	3.676	8.149	31.496	33.975	5.5316	2.61716	0.00037	42.8030	250.000
0.7817	2814	42.8030	24.136	37.00	41.250	626.693	15.305	-5.206	22.578	3.676	8.148	31.496	33.975	5.5316	2.61692	0.00037	42.8034	250.000
0.7819	2815	42.8034	24.137	37.00	41.250	626.895	15.310	-5.206	22.579	3.676	8.148	31.496	33.975	5.5316	2.61668	0.00037	42.8038	250.000
0.7822	2816	42.8038	24.137	37.00	41.250	627.097	15.315	-5.206	22.581	3.676	8.148	31.496	33.975	5.5316	2.61645	0.00037	42.8042	250.000
0.7825	2817	42.8042	24.138	37.00	41.250	627.299	15.320	-5.206	22.582	3.677	8.148	31.496	33.975	5.5316	2.61621	0.00037	42.8045	250.000
0.7828	2818	42.8045	24.138	37.00	41.250	627.501	15.325	-5.206	22.584	3.677	8.148	31.496	33.975	5.5316	2.61597	0.00037	42.8049	250.000
0.7831	2819	42.8049	24.138	37.00	41.250	627.703	15.330	-5.206	22.585	3.677	8.147	31.496	33.975	5.5316	2.61574	0.00037	42.8053	250.000
0.7833	2820	42.8053	24.139	37.00	41.250	627.905	15.335	-5.206	22.586	3.677	8.147	31.496	33.975	5.5316	2.61550	0.00037	42.8057	250.000
0.7836	2821	42.8057	24.139	37.00	41.250	628.107	15.340	-5.206	22.588	3.678	8.147	31.496	33.975	5.5316	2.61526	0.00037	42.8060	250.000
0.7839	2822	42.8060	24.139	37.00	41.250	628.309	15.345	-5.206	22.589	3.678	8.147	31.496	33.975	5.5316	2.61503	0.00037	42.8064	250.000
0.7842	2823	42.8064	24.140	37.00	41.250	628.511	15.349	-5.206	22.591	3.678	8.146	31.496	33.975	5.5316	2.61479	0.00037	42.8068	250.000
0.7844	2824	42.8068	24.140	37.00	41.250	628.713	15.354	-5.206	22.592	3.678	8.146	31.496	33.975	5.5316	2.61455	0.00037	42.8072	250.000
0.7847	2825	42.8072	24.141	37.00	41.250	628.915	15.359	-5.206	22.594	3.679	8.146	31.496	33.975	5.5316	2.61432	0.00037	42.8075	250.000
0.7850	2826	42.8075	24.141	37.00	41.250	629.117	15.364	-5.206	22.595	3.679	8.146	31.496	33.975	5.5316	2.61408	0.00037	42.8079	250.000
0.7853	2827	42.8079	24.141	37.00	41.250	629.319	15.369	-5.206	22.597	3.679	8.145	31.496	33.975	5.5316	2.61384	0.00037	42.8083	250.000
0.7856	2828	42.8083	24.142	37.00	41.250	629.521	15.374	-5.206	22.598	3.679	8.145	31.496	33.975	5.5316	2.61361	0.00037	42.8086	250.000
0.7858	2829	42.8086	24.142	37.00	41.250	629.723	15.379	-5.206	22.600	3.680	8.145	31.496	33.975	5.5316	2.61337	0.00037	42.8090	250.000
0.7861	2830	42.8090	24.142	37.00	41.250	629.925	15.384	-5.206	22.601	3.680	8.145	31.496	33.975	5.5316	2.61313	0.00037	42.8094	250.000
0.7864	2831	42.8094	24.143	37.00	41.250	630.127	15.389	-5.206	22.602	3.680	8.144	31.496	33.975	5.5316	2.61290	0.00037	42.8098	250.000
0.7867	2832	42.8098	24.143	37.00	41.250	630.329	15.394	-5.206	22.604	3.680	8.144	31.496	33.975	5.5316	2.61266	0.00037	42.8101	250.000
0.7869	2833	42.8101	24.144	37.00	41.250	630.531	15.399	-5.206	22.605	3.680	8.144	31.496	33.975	5.5316	2.61242	0.00037	42.8105	250.000
0.7872	2834	42.8105	24.144	37.00	41.250	630.733	15.404	-5.206	22.607	3.681	8.144	31.496	33.975	5.5316	2.61219	0.00037	42.8109	250.000
0.7875	2835	42.8109	24.144	37.00	41.250	630.935	15.409	-5.206	22.608	3.681	8.144	31.496	33.975	5.5316	2.61195	0.00037	42.8113	250.000
0.7878	2836	42.8113	24.145	37.00	41.250	631.137	15.414	-5.206	22.610	3.681	8.143	31.496	33.975	5.5316	2.61171	0.00037	42.8116	250.000
0.7881	2837	42.8116	24.145	37.00	41.250	631.339	15.419	-5.206	22.611	3.681	8.143	31.496	33.975	5.5316	2.61148	0.00037	42.8120	250.000
0.7883	2838	42.8120	24.145	37.00	41.250	631.541	15.424	-5.206	22.613	3.682	8.143	31.496	33.975	5.5316	2.61124	0.00037	42.8124	250.000
0.7886	2839	42.8124	24.146	37.00	41.250	631.743	15.428	-5.206	22.614	3.682	8.143	31.496	33.975	5.5316	2.61101	0.00037	42.8127	250.000
0.7889	2840	42.8127	24.146	37.00	41.250	631.945	15.433	-5.206	22.615	3.682	8.142	31.496	33.975	5.5316	2.61077	0.00037	42.8131	250.000
0.7892	2841	42.8131	24.147	37.00	41.250	632.147	15.438	-5.206	22.617	3.682	8.142	31.496	33.975	5.5316	2.61053	0.00037	42.8135	250.000
0.7894	2842	42.8135	24.147	37.00	41.250	632.349	15.443	-5.206	22.618	3.683	8.142	31.496	33.975	5.5316	2.61030	0.00037	42.8139	250.000
0.7897	2843	42.8139	24.147	37.00	41.250	632.551	15.448	-5.206	22.620	3.683	8.142	31.496	33.975	5.5316	2.61006	0.00037	42.8142	250.000
0.7900	2844	42.8142	24.148	37.00	41.250	632.754	15.453	-5.206	22.621	3.683	8.141	31.496	33.975	5.5316	2.60982	0.00037	42.8146	250.000
0.7903	2845	42.8146	24.148	37.00	41.250	632.956	15.458	-5.206	22.623	3.683	8.141	31.496	33.975	5.5316	2.60959	0.00037	42.8150	250.000
0.7906	2846	42.8150	24.148	37.00	41.250	633.158	15.463	-5.206	22.624	3.684	8.141	31.496	33.975	5.5316	2.60935	0.00037	42.8154	250.000
0.7908	2847	42.8154	24.149	37.00	41.250	633.360	15.468	-5.206	22.626	3.684	8.141	31.496	33.975	5.5316	2.60912	0.00037	42.8157	250.000
0.7911	2848	42.8157	24.149	37.00	41.250	633.562	15.473	-5.206	22.627	3.684	8.140	31.496	33.975	5.5316	2.60888	0.00037	42.8161	250.000
0.7914	2849	42.8161	24.149	37.00	41.250	633.764	15.478	-5.206	22.629	3.684	8.140	31.496	33.975	5.5316	2.60864	0.00037	42.8165	250.000
0.7917	2850	42.8165	24.150	37.00	41.250	633.966	15.483	-5.206	22.630	3.684	8.140	31.496	33.975	5.5316	2.60841	0.00037	42.8168	250.000
0.7919	2851	42.8168	24.150	37.00	41.250	634.168	15.488	-5.206	22.631	3.685	8.140	31.496	33.975	5.5316	2.60817	0.00037	42.8172	250.000
0.7922	2852	42.8172	24.151	37.00	41.250	634.370	15.493	-5.206	22.633	3.685	8.139	31.496	33.975	5.5316	2.60794	0.00037	42.8176	250.000
0.7925	2853	42.8176	24.151	37.00	41.250	634.572	15.498	-5.206	22.634	3.685	8.139	31.496	33.975	5.5316	2.60770	0.00037	42.8180	250.000
0.7928	2854	42.8180	24.151	37.00	41.250	634.774	15.502	-5.206	22.636	3.685	8.139	31.496	33.975	5.5316	2.60746	0.00037	42.8183	250.000
0.7931	2855	42.8183	24.152	37.00	41.250	634.976	15.507	-5.206	22.637	3.686	8.139	31.496	33.975	5.5316	2.60723	0.00037	42.8187	250.000
0.7933	2856	42.8187	24.152	37.00	41.250	635.178	15.512	-5.206	22.639	3.686	8.139	31.496	33.975	5.5316	2.60699	0.00037	42.8191	250.000
0.7936	2857	42.8191	24.152	37.00	41.250	635.380	15.517	-5.206	22.640	3.686	8.138	31.496	33.975	5.5316	2.60676	0.00037	42.8195	250.000
0.7939	2858	42.8195	24.153	37.00	41.250	635.582	15.522	-5.206	22.642	3.686	8.138	31.496	33.975	5.5316	2.60652	0.00037	42.8198	250.000
0.7942	2859	42.8198	24.153	37.00	41.250	635.784	15.527	-5.206	22.643	3.687	8.138	31.496	33.975	5.5316	2.60628	0.00037	42.8202	250.000
0.7944	2860	42.8202	24.154	37.00	41.250	635.986	15.532	-5.206	22.644	3.687	8.138	31.496	33.975	5.5316	2.60605	0.00037	42.8206	250.000
0.7947	2861	42.8206	24.154	37.00	41.250	636.188	15.537	-5.206	22.646	3.687	8.137	31.496	33.975	5.5316	2.60581	0.00037	42.8209	250.000
0.7950	2862	42.8209	24.154	37.00	41.250	636.390	15.542	-5.206	22.647	3.687	8.137	31.496	33.975	5.5316	2.60558	0.00037	42.8213	250.000
0.7953	2863	42.8213	24.155	37.00	41.250	636.592	15.547	-5.206	22.649	3.688	8.137	31.496	33.975	5.5316	2.60534	0.00037	42.8217	250.000
0.7956	2864	42.8217	24.155	37.00	41.250	636.794	15.552	-5.206	22.650	3.688	8.137	31.496	33.975	5.5316	2.60511	0.00037	42.8221	250.000
0.7958	2865	42.8221	24.155	37.00	41.250	636.996	15.557	-5.206	22.652	3.688	8.136	31.496	33.975	5.5316	2.60487	0.00037	42.8224	250.000
0.7961	2866	42.8224	24.156	37.00	41.250	637.198	15.562	-5.206	22.653	3.688	8.136	31.496	33.975	5.5316	2.60463	0.00037	42.8228	250.000
0.7964	2867	42.8228	24.156	37.00	41.250	637.400	15.567	-5.206	22.655	3.688	8.136	31.496	33.975	5.5316	2.60440	0.00037	42.8232	250.000
0.7967	2868	42.8232	24.157	37.00	41.250	637.602	15.572	-5.206	22.656	3.689	8.136	31.496	33.975	5.5316	2.60416	0.00037	42.8236	250.000
0.7969	2869	42.8236	24.157	37.00	41.250	637.804	15.576	-5.206	22.658	3.689	8.135	31.496	33.975	5.5316	2.60393	0.00037	42.8239	250.000
0.7972	2870	42.8239	24.157	37.00	41.250	638.006	15.581	-5.206	22.659	3.689	8.135	31.496	33.975	5.5316	2.60369	0.00037	42.8243	250.000
0.7975	2871	42.8243	24.158	37.00	41.250	638.208	15.586	-5.206	22.660	3.689	8.135	31.496	33.975	5.5316	2.60346	0.00037	42.8247	250.000
0.7978	2872	42.8247	24.158	37.00	41.250	638.410	15.591	-5.206	22.662	3.690	8.135	31.496	33.975	5.5316	2.60322	0.00037	42.8250	250.000
0.7981	2873	42.8250	24.158	37.00	41.250	638.612	15.596	-5.206	22.663	3.690	8.135	31.496	33.975	5.5316	2.60298	0.00037	42.8254	250.000
0.7983	2874	42.8254	24.159	37.00	41.250	638.814	15.601	-5.206	22.665	3.690	8.134	31.496	33.975	5.5316	2.60275	0.00037	42.8258	250.000
0.7986	2875	42.8258	24.159	37.00	41.250	639.016	15.606	-5.206	22.666	3.690	8.134	31.496	33.975	5.5316	2.60251	0.00037	42.8262	250.000
0.7989	2876	42.8262	24.160	37.00	41.250	639.218	15.611	-5.206	22.668	3.691	8.134	31.496	33.975	5.5316	2.60228	0.00037	42.8265	250.000
0.7992	2877	42.8265	24.160	37.00	41.250	639.421	15.616	-5.206	22.669	3.691	8.134	31.496	33.975	5.5316	2.60204	0.00037	42.8269	250.000
0.7994	2878	42.8269	24.160	37.00	41.250	639.623	15.621	-5.206	22.671	3.691	8.133	31.496	33.975	5.5316	2.60181	0.00037	42.8273	250.000
0.7997	2879	42.8273	24.161	37.00	41.250	639.825	15.626	-5.206	22.672	3.691	8.133	31.496	33.975	5.5316	2.60157	0.00037	42.8276	250.000
0.8000	2880	42.8276	24.161	37.00	41.250	640.027	15.631	-5.206	22.673	3.692	8.133	31.496	33.975	5.5316	2.60134	0.00037	42.8280	250.000
0.8003	2881	42.8280	24.161	37.00	41.250	640.229	15.636	-5.206	22.675	3.692	8.133	31.496	33.975	5.5316	2.60110	0.00037	42.8284	250.000

0.8006	2882	42.8284	24.162	37.00	41.250	640.431	15.641	-5.206	22.676	3.692	8.132	31.496	33.975	5.5316	2.60087	0.00037	42.8288	250.000
0.8008	2883	42.8288	24.162	37.00	41.250	640.633	15.646	-5.206	22.678	3.692	8.132	31.496	33.975	5.5316	2.60063	0.00037	42.8291	250.000
0.8011	2884	42.8291	24.163	37.00	41.250	640.835	15.650	-5.206	22.679	3.692	8.132	31.496	33.975	5.5316	2.60039	0.00037	42.8295	250.000
0.8014	2885	42.8295	24.163	37.00	41.250	641.037	15.655	-5.206	22.681	3.693	8.132	31.496	33.975	5.5316	2.60016	0.00037	42.8299	250.000
0.8017	2886	42.8299	24.163	37.00	41.250	641.239	15.660	-5.206	22.682	3.693	8.131	31.496	33.975	5.5316	2.59992	0.00037	42.8302	250.000
0.8019	2887	42.8302	24.164	37.00	41.250	641.441	15.665	-5.206	22.684	3.693	8.131	31.496	33.975	5.5316	2.59969	0.00037	42.8306	250.000
0.8022	2888	42.8306	24.164	37.00	41.250	641.643	15.670	-5.206	22.685	3.693	8.131	31.496	33.975	5.5316	2.59945	0.00037	42.8310	250.000
0.8025	2889	42.8310	24.164	37.00	41.250	641.845	15.675	-5.206	22.686	3.694	8.131	31.496	33.975	5.5316	2.59922	0.00037	42.8314	250.000
0.8028	2890	42.8314	24.165	37.00	41.250	642.047	15.680	-5.206	22.688	3.694	8.131	31.496	33.975	5.5316	2.59898	0.00037	42.8317	250.000
0.8031	2891	42.8317	24.165	37.00	41.250	642.249	15.685	-5.206	22.689	3.694	8.130	31.496	33.975	5.5316	2.59875	0.00037	42.8321	250.000
0.8033	2892	42.8321	24.165	37.00	41.250	642.451	15.690	-5.206	22.691	3.694	8.130	31.496	33.975	5.5316	2.59851	0.00037	42.8325	250.000
0.8036	2893	42.8325	24.166	37.00	41.250	642.653	15.695	-5.206	22.692	3.695	8.130	31.496	33.975	5.5316	2.59828	0.00037	42.8328	250.000
0.8039	2894	42.8328	24.166	37.00	41.250	642.855	15.700	-5.206	22.694	3.695	8.130	31.496	33.975	5.5316	2.59804	0.00037	42.8332	250.000
0.8042	2895	42.8332	24.167	37.00	41.250	643.057	15.705	-5.206	22.695	3.695	8.129	31.496	33.975	5.5316	2.59781	0.00037	42.8336	250.000
0.8044	2896	42.8336	24.167	37.00	41.250	643.259	15.710	-5.206	22.697	3.695	8.129	31.496	33.975	5.5316	2.59757	0.00037	42.8340	250.000
0.8047	2897	42.8340	24.167	37.00	41.250	643.461	15.715	-5.206	22.698	3.696	8.129	31.496	33.975	5.5316	2.59734	0.00037	42.8343	250.000
0.8050	2898	42.8343	24.168	37.00	41.250	643.663	15.720	-5.206	22.699	3.696	8.129	31.496	33.975	5.5316	2.59710	0.00037	42.8347	250.000
0.8053	2899	42.8347	24.168	37.00	41.250	643.865	15.724	-5.206	22.701	3.696	8.128	31.496	33.975	5.5316	2.59687	0.00037	42.8351	250.000
0.8056	2900	42.8351	24.168	37.00	41.250	644.067	15.729	-5.206	22.702	3.696	8.128	31.496	33.975	5.5316	2.59663	0.00037	42.8354	250.000
0.8058	2901	42.8354	24.169	37.00	41.250	644.269	15.734	-5.206	22.704	3.696	8.128	31.496	33.975	5.5316	2.59640	0.00037	42.8358	250.000
0.8061	2902	42.8358	24.169	37.00	41.250	644.471	15.739	-5.206	22.705	3.697	8.128	31.496	33.975	5.5316	2.59616	0.00037	42.8362	250.000
0.8064	2903	42.8362	24.170	37.00	41.250	644.673	15.744	-5.206	22.707	3.697	8.127	31.496	33.975	5.5316	2.59593	0.00037	42.8366	250.000
0.8067	2904	42.8366	24.170	37.00	41.250	644.875	15.749	-5.206	22.708	3.697	8.127	31.496	33.975	5.5316	2.59569	0.00037	42.8369	250.000
0.8069	2905	42.8369	24.170	37.00	41.250	645.077	15.754	-5.206	22.710	3.697	8.127	31.496	33.975	5.5316	2.59546	0.00037	42.8373	250.000
0.8072	2906	42.8373	24.171	37.00	41.250	645.279	15.759	-5.206	22.711	3.698	8.127	31.496	33.975	5.5316	2.59522	0.00037	42.8377	250.000
0.8075	2907	42.8377	24.171	37.00	41.250	645.481	15.764	-5.206	22.712	3.698	8.127	31.496	33.975	5.5316	2.59499	0.00037	42.8380	250.000
0.8078	2908	42.8380	24.171	37.00	41.250	645.683	15.769	-5.206	22.714	3.698	8.126	31.496	33.975	5.5316	2.59475	0.00037	42.8384	250.000
0.8081	2909	42.8384	24.172	37.00	41.250	645.885	15.774	-5.206	22.715	3.698	8.126	31.496	33.975	5.5316	2.59452	0.00037	42.8388	250.000
0.8083	2910	42.8388	24.172	37.00	41.250	646.087	15.779	-5.206	22.717	3.699	8.126	31.496	33.975	5.5316	2.59428	0.00037	42.8391	250.000
0.8086	2911	42.8391	24.173	37.00	41.250	646.290	15.784	-5.206	22.718	3.699	8.126	31.496	33.975	5.5316	2.59405	0.00037	42.8395	250.000
0.8089	2912	42.8395	24.173	37.00	41.250	646.492	15.789	-5.206	22.720	3.699	8.125	31.496	33.975	5.5316	2.59381	0.00037	42.8399	250.000
0.8092	2913	42.8399	24.173	37.00	41.250	646.694	15.794	-5.206	22.721	3.699	8.125	31.496	33.975	5.5316	2.59358	0.00037	42.8403	250.000
0.8094	2914	42.8403	24.174	37.00	41.250	646.896	15.798	-5.206	22.723	3.700	8.125	31.496	33.975	5.5316	2.59334	0.00037	42.8406	250.000
0.8097	2915	42.8406	24.174	37.00	41.250	647.098	15.803	-5.206	22.724	3.700	8.125	31.496	33.975	5.5316	2.59311	0.00037	42.8410	250.000
0.8100	2916	42.8410	24.174	37.00	41.250	647.300	15.808	-5.206	22.725	3.700	8.124	31.496	33.975	5.5316	2.59287	0.00037	42.8414	250.000
0.8103	2917	42.8414	24.175	37.00	41.250	647.502	15.813	-5.206	22.727	3.700	8.124	31.496	33.975	5.5316	2.59264	0.00037	42.8417	250.000
0.8106	2918	42.8417	24.175	37.00	41.250	647.704	15.818	-5.206	22.728	3.700	8.124	31.496	33.975	5.5316	2.59241	0.00037	42.8421	250.000
0.8108	2919	42.8421	24.175	37.00	41.250	647.906	15.823	-5.206	22.730	3.701	8.124	31.496	33.975	5.5316	2.59217	0.00037	42.8425	250.000
0.8111	2920	42.8425	24.176	37.00	41.250	648.108	15.828	-5.206	22.731	3.701	8.123	31.496	33.975	5.5316	2.59194	0.00037	42.8429	250.000
0.8114	2921	42.8429	24.176	37.00	41.250	648.310	15.833	-5.206	22.733	3.701	8.123	31.496	33.975	5.5316	2.59170	0.00037	42.8432	250.000
0.8117	2922	42.8432	24.177	37.00	41.250	648.512	15.838	-5.206	22.734	3.701	8.123	31.496	33.975	5.5316	2.59147	0.00037	42.8436	250.000
0.8119	2923	42.8436	24.177	37.00	41.250	648.714	15.843	-5.206	22.735	3.702	8.123	31.496	33.975	5.5316	2.59123	0.00037	42.8440	250.000
0.8122	2924	42.8440	24.177	37.00	41.250	648.916	15.848	-5.206	22.737	3.702	8.123	31.496	33.975	5.5316	2.59100	0.00037	42.8443	250.000
0.8125	2925	42.8443	24.178	37.00	41.250	649.118	15.853	-5.206	22.738	3.702	8.122	31.496	33.975	5.5316	2.59076	0.00037	42.8447	250.000
0.8128	2926	42.8447	24.178	37.00	41.250	649.320	15.858	-5.206	22.740	3.702	8.122	31.496	33.975	5.5316	2.59053	0.00037	42.8451	250.000
0.8131	2927	42.8451	24.178	37.00	41.250	649.522	15.863	-5.206	22.741	3.703	8.122	31.496	33.975	5.5316	2.59030	0.00037	42.8454	250.000
0.8133	2928	42.8454	24.179	37.00	41.250	649.724	15.868	-5.206	22.743	3.703	8.122	31.496	33.975	5.5316	2.59006	0.00037	42.8458	250.000
0.8136	2929	42.8458	24.179	37.00	41.250	649.926	15.872	-5.206	22.744	3.703	8.121	31.496	33.975	5.5316	2.58983	0.00037	42.8462	250.000
0.8139	2930	42.8462	24.180	37.00	41.250	650.128	15.877	-5.206	22.746	3.703	8.121	31.496	33.975	5.5316	2.58959	0.00037	42.8466	250.000
0.8142	2931	42.8466	24.180	37.00	41.250	650.330	15.882	-5.206	22.747	3.704	8.121	31.496	33.975	5.5316	2.58936	0.00037	42.8469	250.000
0.8144	2932	42.8469	24.180	37.00	41.250	650.532	15.887	-5.206	22.748	3.704	8.121	31.496	33.975	5.5316	2.58912	0.00037	42.8473	250.000
0.8147	2933	42.8473	24.181	37.00	41.250	650.734	15.892	-5.206	22.750	3.704	8.120	31.496	33.975	5.5316	2.58889	0.00037	42.8477	250.000
0.8150	2934	42.8477	24.181	37.00	41.250	650.936	15.897	-5.206	22.751	3.704	8.120	31.496	33.975	5.5316	2.58865	0.00037	42.8480	250.000
0.8153	2935	42.8480	24.181	37.00	41.250	651.138	15.902	-5.206	22.753	3.704	8.120	31.496	33.975	5.5316	2.58842	0.00037	42.8484	250.000
0.8156	2936	42.8484	24.182	37.00	41.250	651.340	15.907	-5.206	22.754	3.705	8.120	31.496	33.975	5.5316	2.58819	0.00037	42.8488	250.000
0.8158	2937	42.8488	24.182	37.00	41.250	651.542	15.912	-5.206	22.756	3.705	8.120	31.496	33.975	5.5316	2.58795	0.00037	42.8491	250.000
0.8161	2938	42.8491	24.183	37.00	41.250	651.744	15.917	-5.206	22.757	3.705	8.119	31.496	33.975	5.5316	2.58772	0.00037	42.8495	250.000
0.8164	2939	42.8495	24.183	37.00	41.250	651.946	15.922	-5.206	22.759	3.705	8.119	31.496	33.975	5.5316	2.58748	0.00037	42.8499	250.000
0.8167	2940	42.8499	24.183	37.00	41.250	652.148	15.927	-5.206	22.760	3.706	8.119	31.496	33.975	5.5316	2.58725	0.00037	42.8502	250.000
0.8169	2941	42.8502	24.184	37.00	41.250	652.350	15.932	-5.206	22.761	3.706	8.119	31.496	33.975	5.5316	2.58702	0.00037	42.8506	250.000
0.8172	2942	42.8506	24.184	37.00	41.250	652.552	15.937	-5.206	22.763	3.706	8.118	31.496	33.975	5.5316	2.58678	0.00037	42.8510	250.000
0.8175	2943	42.8510	24.184	37.00	41.250	652.754	15.942	-5.206	22.764	3.706	8.118	31.496	33.975	5.5316	2.58655	0.00037	42.8514	250.000
0.8178	2944	42.8514	24.185	37.00	41.250	652.957	15.947	-5.206	22.766	3.707	8.118	31.496	33.975	5.5316	2.58631	0.00037	42.8517	250.000
0.8181	2945	42.8517	24.185	37.00	41.250	653.159	15.951	-5.206	22.767	3.707	8.118	31.496	33.975	5.5316	2.58608	0.00037	42.8521	250.000
0.8183	2946	42.8521	24.185	37.00	41.250	653.361	15.956	-5.206	22.769	3.707	8.117	31.496	33.975	5.5316	2.58584	0.00037	42.8525	250.000
0.8186	2947	42.8525	24.186	37.00	41.250	653.563	15.961	-5.206	22.770	3.707	8.117	31.496	33.975	5.5316	2.58561	0.00037	42.8528	250.000
0.8189	2948	42.8528	24.186	37.00	41.250	653.765	15.966	-5.206	22.771	3.707	8.117	31.496	33.975	5.5316	2.58538	0.00037	42.8532	250.000
0.8192	2949	42.8532	24.187	37.00	41.250	653.967	15.971	-5.206	22.773	3.708	8.117	31.496	33.975	5.5316	2.58514	0.00037	42.8536	250.000
0.8194	2950	42.8536	24.187	37.00	41.250	654.169	15.976	-5.206	22.774	3.708	8.116	31.496	33.975	5.5316	2.58491	0.00037	42.8539	250.000
0.8197	2951	42.8539	24.187	37.00	41.250	654.371	15.981	-5.206	22.776	3.708	8.116	31.496	33.975	5.5316	2.58468	0.00037	42.8543	250.000
0.8200	2952	42.8543	24.188	37.00	41.250	654.573	15.986	-5.206	22.777	3.708	8.116	31.496	33.975	5.5316	2.58444	0.00037	42.8547	250.000
0.8203	2953	42.8547	24.188	37.00	41.250	654.775	15.991	-5.206	22.779	3.709	8.116	31.496	33.975	5.5316	2.58421	0.00037	42.8551	250.000
0.8206	2954	42.8551	24.188	37.00	41.250	654.977	15.996	-5.206	22.780	3.709	8.116	31.496	33.975	5.5316	2.58397	0.00037	42.8554	250.000
0.8208	2955	42.8554	24.189	37.00	41.250	655.179	16.001	-5.206	22.782	3.709	8.115	31.496	33.975	5.5316	2.58374	0.00037	42.8558	250.000
0.8211	2956	42.8558	24.189	37.00	41.250	655.381	16.006	-5.206	22.783	3.709	8.115	31.496	33.975	5.5316	2.58351	0.00037	42.8562	250.000
0.8214	2957	42.8562	24.190	37.00	41.250	655.583	16.011	-5.206	22.784	3.710	8.115	31.496	33.975	5.5316	2.58327	0.00037	42.8565	250.000
0.8217	2958	42.8565	24.190	37.00	41.250	655.785	16.016	-5.206	22.786	3.710	8.115	31.496	33.975	5.5316	2.58304	0.00037	42.8569	250.000
0.8219	2959	42.8569	24.190	37.00	41.250	655.987	16.021	-5.206	22.787	3.710	8.114	31.496	33.975	5.5316	2.58280	0.00037	42.8573	250.000
0.8222	2960	42.8573	24.191	37.00	41.250	656.189	16.025	-5.206	22.789	3.710	8.114	31.496	33.975	5.5316	2.58257	0.00037	42.8576	250.000
0.8225	2961	42.8576	24.191	37.00	41.250	656.391	16.030	-5.206	22.790	3.711	8.114	31.496	33.975	5.5316	2.58234	0.00037	42.8580	250.000
0.8228	2962	42.8580	24.191	37.00	41.250	656.593	16.035	-5.206	22.792	3.711	8.114	31.496	33.975	5.5316	2.58210	0.00037	42.8584	250.000

0.8231	2963	42.8584	24.192	37.00	41.250	656.795	16.040	-5.206	22.793	3.711	8.113	31.496	33.975	5.5316	2.58187	0.00037	42.8587	250.000
0.8233	2964	42.8587	24.192	37.00	41.250	656.997	16.045	-5.206	22.794	3.711	8.113	31.496	33.975	5.5316	2.58164	0.00037	42.8591	250.000
0.8236	2965	42.8591	24.192	37.00	41.250	657.199	16.050	-5.206	22.796	3.711	8.113	31.496	33.975	5.5316	2.58140	0.00037	42.8595	250.000
0.8239	2966	42.8595	24.193	37.00	41.250	657.401	16.055	-5.206	22.797	3.712	8.113	31.496	33.975	5.5316	2.58117	0.00037	42.8598	250.000
0.8242	2967	42.8598	24.193	37.00	41.250	657.603	16.060	-5.206	22.799	3.712	8.112	31.496	33.975	5.5316	2.58094	0.00037	42.8602	250.000
0.8244	2968	42.8602	24.194	37.00	41.250	657.805	16.065	-5.206	22.800	3.712	8.112	31.496	33.975	5.5316	2.58070	0.00037	42.8606	250.000
0.8247	2969	42.8606	24.194	37.00	41.250	658.007	16.070	-5.206	22.802	3.712	8.112	31.496	33.975	5.5316	2.58047	0.00037	42.8610	250.000
0.8250	2970	42.8610	24.194	37.00	41.250	658.209	16.075	-5.206	22.803	3.713	8.112	31.496	33.975	5.5316	2.58023	0.00037	42.8613	250.000
0.8253	2971	42.8613	24.195	37.00	41.250	658.411	16.080	-5.206	22.804	3.713	8.112	31.496	33.975	5.5316	2.58000	0.00037	42.8617	250.000
0.8256	2972	42.8617	24.195	37.00	41.250	658.613	16.085	-5.206	22.806	3.713	8.111	31.496	33.975	5.5316	2.57977	0.00037	42.8621	250.000
0.8258	2973	42.8621	24.195	37.00	41.250	658.815	16.090	-5.206	22.807	3.713	8.111	31.496	33.975	5.5316	2.57953	0.00037	42.8624	250.000
0.8261	2974	42.8624	24.196	37.00	41.250	659.017	16.095	-5.206	22.809	3.714	8.111	31.496	33.975	5.5316	2.57930	0.00037	42.8628	250.000
0.8264	2975	42.8628	24.196	37.00	41.250	659.219	16.099	-5.206	22.810	3.714	8.111	31.496	33.975	5.5316	2.57907	0.00037	42.8632	250.000
0.8267	2976	42.8632	24.197	37.00	41.250	659.421	16.104	-5.206	22.812	3.714	8.110	31.496	33.975	5.5316	2.57883	0.00037	42.8635	250.000
0.8269	2977	42.8635	24.197	37.00	41.250	659.624	16.109	-5.206	22.813	3.714	8.110	31.496	33.975	5.5316	2.57860	0.00037	42.8639	250.000
0.8272	2978	42.8639	24.197	37.00	41.250	659.826	16.114	-5.206	22.815	3.715	8.110	31.496	33.975	5.5316	2.57837	0.00037	42.8643	250.000
0.8275	2979	42.8643	24.198	37.00	41.250	660.028	16.119	-5.206	22.816	3.715	8.110	31.496	33.975	5.5316	2.57813	0.00037	42.8646	250.000
0.8278	2980	42.8646	24.198	37.00	41.250	660.230	16.124	-5.206	22.817	3.715	8.109	31.496	33.975	5.5316	2.57790	0.00037	42.8650	250.000
0.8281	2981	42.8650	24.198	37.00	41.250	660.432	16.129	-5.206	22.819	3.715	8.109	31.496	33.975	5.5316	2.57767	0.00037	42.8654	250.000
0.8283	2982	42.8654	24.199	37.00	41.250	660.634	16.134	-5.206	22.820	3.715	8.109	31.496	33.975	5.5316	2.57743	0.00037	42.8657	250.000
0.8286	2983	42.8657	24.199	37.00	41.250	660.836	16.139	-5.206	22.822	3.716	8.109	31.496	33.975	5.5316	2.57720	0.00037	42.8661	250.000
0.8289	2984	42.8661	24.199	37.00	41.250	661.038	16.144	-5.206	22.823	3.716	8.109	31.496	33.975	5.5316	2.57697	0.00037	42.8665	250.000
0.8292	2985	42.8665	24.200	37.00	41.250	661.240	16.149	-5.206	22.825	3.716	8.108	31.496	33.975	5.5316	2.57673	0.00037	42.8668	250.000
0.8294	2986	42.8668	24.200	37.00	41.250	661.442	16.154	-5.206	22.826	3.716	8.108	31.496	33.975	5.5316	2.57650	0.00037	42.8672	250.000
0.8297	2987	42.8672	24.201	37.00	41.250	661.644	16.159	-5.206	22.827	3.717	8.108	31.496	33.975	5.5316	2.57627	0.00037	42.8676	250.000
0.8300	2988	42.8676	24.201	37.00	41.250	661.846	16.164	-5.206	22.829	3.717	8.108	31.496	33.975	5.5316	2.57604	0.00037	42.8680	250.000
0.8303	2989	42.8680	24.201	37.00	41.250	662.048	16.169	-5.206	22.830	3.717	8.107	31.496	33.975	5.5316	2.57580	0.00037	42.8683	250.000
0.8306	2990	42.8683	24.202	37.00	41.250	662.250	16.173	-5.206	22.832	3.717	8.107	31.496	33.975	5.5316	2.57557	0.00037	42.8687	250.000
0.8308	2991	42.8687	24.202	37.00	41.250	662.452	16.178	-5.206	22.833	3.718	8.107	31.496	33.975	5.5316	2.57534	0.00037	42.8691	250.000
0.8311	2992	42.8691	24.202	37.00	41.250	662.654	16.183	-5.206	22.835	3.718	8.107	31.496	33.975	5.5316	2.57510	0.00037	42.8694	250.000
0.8314	2993	42.8694	24.203	37.00	41.250	662.856	16.188	-5.206	22.836	3.718	8.106	31.496	33.975	5.5316	2.57487	0.00037	42.8698	250.000
0.8317	2994	42.8698	24.203	37.00	41.250	663.058	16.193	-5.206	22.837	3.718	8.106	31.496	33.975	5.5316	2.57464	0.00037	42.8702	250.000
0.8319	2995	42.8702	24.204	37.00	41.250	663.260	16.198	-5.206	22.839	3.718	8.106	31.496	33.975	5.5316	2.57440	0.00037	42.8705	250.000
0.8322	2996	42.8705	24.204	37.00	41.250	663.462	16.203	-5.206	22.840	3.719	8.106	31.496	33.975	5.5316	2.57417	0.00037	42.8709	250.000
0.8325	2997	42.8709	24.204	37.00	41.250	663.664	16.208	-5.206	22.842	3.719	8.105	31.496	33.975	5.5316	2.57394	0.00037	42.8713	250.000
0.8328	2998	42.8713	24.205	37.00	41.250	663.866	16.213	-5.206	22.843	3.719	8.105	31.496	33.975	5.5316	2.57370	0.00037	42.8716	250.000
0.8331	2999	42.8716	24.205	37.00	41.250	664.068	16.218	-5.206	22.845	3.719	8.105	31.496	33.975	5.5316	2.57347	0.00037	42.8720	250.000
0.8333	3000	42.8720	24.205	37.00	41.250	664.270	16.223	-5.206	22.846	3.720	8.105	31.496	33.975	5.5316	2.57324	0.00037	42.8724	250.000
0.8336	3001	42.8724	24.206	37.00	41.250	664.472	16.228	-5.206	22.847	3.720	8.105	31.496	33.975	5.5316	2.57301	0.00037	42.8727	250.000
0.8339	3002	42.8727	24.206	37.00	41.250	664.674	16.233	-5.206	22.849	3.720	8.104	31.496	33.975	5.5316	2.57277	0.00037	42.8731	250.000
0.8342	3003	42.8731	24.206	37.00	41.250	664.876	16.238	-5.206	22.850	3.720	8.104	31.496	33.975	5.5316	2.57254	0.00037	42.8735	250.000
0.8344	3004	42.8735	24.207	37.00	41.250	665.078	16.243	-5.206	22.852	3.721	8.104	31.496	33.975	5.5316	2.57231	0.00037	42.8738	250.000
0.8347	3005	42.8738	24.207	37.00	41.250	665.280	16.247	-5.206	22.853	3.721	8.104	31.496	33.975	5.5316	2.57208	0.00037	42.8742	250.000
0.8350	3006	42.8742	24.208	37.00	41.250	665.482	16.252	-5.206	22.855	3.721	8.103	31.496	33.975	5.5316	2.57184	0.00037	42.8746	250.000
0.8353	3007	42.8746	24.208	37.00	41.250	665.684	16.257	-5.206	22.856	3.721	8.103	31.496	33.975	5.5316	2.57161	0.00037	42.8749	250.000
0.8356	3008	42.8749	24.208	37.00	41.250	665.886	16.262	-5.206	22.857	3.721	8.103	31.496	33.975	5.5316	2.57138	0.00037	42.8753	250.000
0.8358	3009	42.8753	24.209	37.00	41.250	666.088	16.267	-5.206	22.859	3.722	8.103	31.496	33.975	5.5316	2.57114	0.00037	42.8757	250.000
0.8361	3010	42.8757	24.209	37.00	41.250	666.290	16.272	-5.206	22.860	3.722	8.102	31.496	33.975	5.5316	2.57091	0.00037	42.8760	250.000
0.8364	3011	42.8760	24.209	37.00	41.250	666.493	16.277	-5.206	22.862	3.722	8.102	31.496	33.975	5.5316	2.57068	0.00037	42.8764	250.000
0.8367	3012	42.8764	24.210	37.00	41.250	666.695	16.282	-5.206	22.863	3.722	8.102	31.496	33.975	5.5316	2.57045	0.00037	42.8768	250.000
0.8369	3013	42.8768	24.210	37.00	41.250	666.897	16.287	-5.206	22.865	3.723	8.102	31.496	33.975	5.5316	2.57021	0.00037	42.8771	250.000
0.8372	3014	42.8771	24.211	37.00	41.250	667.099	16.292	-5.206	22.866	3.723	8.102	31.496	33.975	5.5316	2.56998	0.00037	42.8775	250.000
0.8375	3015	42.8775	24.211	37.00	41.250	667.301	16.297	-5.206	22.867	3.723	8.101	31.496	33.975	5.5316	2.56975	0.00037	42.8779	250.000
0.8378	3016	42.8779	24.211	37.00	41.250	667.503	16.302	-5.206	22.869	3.723	8.101	31.496	33.975	5.5316	2.56952	0.00037	42.8782	250.000
0.8381	3017	42.8782	24.212	37.00	41.250	667.705	16.307	-5.206	22.870	3.724	8.101	31.496	33.975	5.5316	2.56928	0.00037	42.8786	250.000
0.8383	3018	42.8786	24.212	37.00	41.250	667.907	16.312	-5.206	22.872	3.724	8.101	31.496	33.975	5.5316	2.56905	0.00037	42.8790	250.000
0.8386	3019	42.8790	24.212	37.00	41.250	668.109	16.317	-5.206	22.873	3.724	8.100	31.496	33.975	5.5316	2.56882	0.00037	42.8793	250.000
0.8389	3020	42.8793	24.213	37.00	41.250	668.311	16.321	-5.206	22.875	3.724	8.100	31.496	33.975	5.5316	2.56859	0.00037	42.8797	250.000
0.8392	3021	42.8797	24.213	37.00	41.250	668.513	16.326	-5.206	22.876	3.725	8.100	31.496	33.975	5.5316	2.56835	0.00037	42.8801	250.000
0.8394	3022	42.8801	24.213	37.00	41.250	668.715	16.331	-5.206	22.877	3.725	8.100	31.496	33.975	5.5316	2.56812	0.00037	42.8804	250.000
0.8397	3023	42.8804	24.214	37.00	41.250	668.917	16.336	-5.206	22.879	3.725	8.099	31.496	33.975	5.5316	2.56789	0.00037	42.8808	250.000
0.8400	3024	42.8808	24.214	37.00	41.250	669.119	16.341	-5.206	22.880	3.725	8.099	31.496	33.975	5.5316	2.56766	0.00037	42.8812	250.000
0.8403	3025	42.8812	24.215	37.00	41.250	669.321	16.346	-5.206	22.882	3.725	8.099	31.496	33.975	5.5316	2.56742	0.00037	42.8815	250.000
0.8406	3026	42.8815	24.215	37.00	41.250	669.523	16.351	-5.206	22.883	3.726	8.099	31.496	33.975	5.5316	2.56719	0.00037	42.8819	250.000
0.8408	3027	42.8819	24.215	37.00	41.250	669.725	16.356	-5.206	22.885	3.726	8.099	31.496	33.975	5.5316	2.56696	0.00037	42.8823	250.000
0.8411	3028	42.8823	24.216	37.00	41.250	669.927	16.361	-5.206	22.886	3.726	8.098	31.496	33.975	5.5316	2.56673	0.00037	42.8826	250.000
0.8414	3029	42.8826	24.216	37.00	41.250	670.129	16.366	-5.206	22.887	3.726	8.098	31.496	33.975	5.5316	2.56649	0.00037	42.8830	250.000
0.8417	3030	42.8830	24.216	37.00	41.250	670.331	16.371	-5.206	22.889	3.727	8.098	31.496	33.975	5.5316	2.56626	0.00037	42.8834	250.000
0.8419	3031	42.8834	24.217	37.00	41.250	670.533	16.376	-5.206	22.890	3.727	8.098	31.496	33.975	5.5316	2.56603	0.00037	42.8837	250.000
0.8422	3032	42.8837	24.217	37.00	41.250	670.735	16.381	-5.206	22.892	3.727	8.097	31.496	33.975	5.5316	2.56580	0.00037	42.8841	250.000
0.8425	3033	42.8841	24.217	37.00	41.250	670.937	16.386	-5.206	22.893	3.727	8.097	31.496	33.975	5.5316	2.56557	0.00037	42.8845	250.000
0.8428	3034	42.8845	24.218	37.00	41.250	671.139	16.391	-5.206	22.895	3.728	8.097	31.496	33.975	5.5316	2.56533	0.00037	42.8848	250.000
0.8431	3035	42.8848	24.218	37.00	41.250	671.341	16.396	-5.206	22.896	3.728	8.097	31.496	33.975	5.5316	2.56510	0.00037	42.8852	250.000
0.8433	3036	42.8852	24.219	37.00	41.250	671.543	16.400	-5.206	22.897	3.728	8.096	31.496	33.975	5.5316	2.56487	0.00037	42.8856	250.000
0.8436	3037	42.8856	24.219	37.00	41.250	671.745	16.405	-5.206	22.899	3.728	8.096	31.496	33.975	5.5316	2.56464	0.00037	42.8859	250.000
0.8439	3038	42.8859	24.219	37.00	41.250	671.947	16.410	-5.206	22.900	3.728	8.096	31.496	33.975	5.5316	2.56441	0.00037	42.8863	250.000
0.8442	3039	42.8863	24.220	37.00	41.250	672.149	16.415	-5.206	22.902	3.729	8.096	31.496	33.975	5.5316	2.56417	0.00037	42.8867	250.000
0.8444	3040	42.8867	24.220	37.00	41.250	672.351	16.420	-5.206	22.903	3.729	8.095	31.496	33.975	5.5316	2.56394	0.00037	42.8870	250.000
0.8447	3041	42.8870	24.220	37.00	41.250	672.553	16.425	-5.206	22.905	3.729	8.095	31.496	33.975	5.5316	2.56371	0.00037	42.8874	250.000
0.8450	3042	42.8874	24.221	37.00	41.250	672.755	16.430	-5.206	22.906	3.729	8.095	31.496	33.975	5.5316	2.56348	0.00037	42.8878	250.000
0.8453	3043	42.8878	24.221	37.00	41.250	672.957	16.435	-5.206	22.907	3.730	8.095	31.496	33.975	5.5316	2.56325	0.00037	42.8881	250.000

0.8456	3044	42.8881	24.222	37.00	41.250	673.160	16.440	-5.206	22.909	3.730	8.095	31.496	33.975	5.5316	2.56301	0.00037	42.8885	250.000
0.8458	3045	42.8885	24.222	37.00	41.250	673.362	16.445	-5.206	22.910	3.730	8.094	31.496	33.975	5.5316	2.56278	0.00037	42.8889	250.000
0.8461	3046	42.8889	24.222	37.00	41.250	673.564	16.450	-5.206	22.912	3.730	8.094	31.496	33.975	5.5316	2.56255	0.00037	42.8892	250.000
0.8464	3047	42.8892	24.223	37.00	41.250	673.766	16.455	-5.206	22.913	3.731	8.094	31.496	33.975	5.5316	2.56232	0.00037	42.8896	250.000
0.8467	3048	42.8896	24.223	37.00	41.250	673.968	16.460	-5.206	22.915	3.731	8.094	31.496	33.975	5.5316	2.56209	0.00037	42.8900	250.000
0.8469	3049	42.8900	24.223	37.00	41.250	674.170	16.465	-5.206	22.916	3.731	8.093	31.496	33.975	5.5316	2.56185	0.00037	42.8903	250.000
0.8472	3050	42.8903	24.224	37.00	41.250	674.372	16.470	-5.206	22.917	3.731	8.093	31.496	33.975	5.5316	2.56162	0.00037	42.8907	250.000
0.8475	3051	42.8907	24.224	37.00	41.250	674.574	16.474	-5.206	22.919	3.731	8.093	31.496	33.975	5.5316	2.56139	0.00037	42.8911	250.000
0.8478	3052	42.8911	24.224	37.00	41.250	674.776	16.479	-5.206	22.920	3.732	8.093	31.496	33.975	5.5316	2.56116	0.00037	42.8914	250.000
0.8481	3053	42.8914	24.225	37.00	41.250	674.978	16.484	-5.206	22.922	3.732	8.092	31.496	33.975	5.5316	2.56093	0.00037	42.8918	250.000
0.8483	3054	42.8918	24.225	37.00	41.250	675.180	16.489	-5.206	22.923	3.732	8.092	31.496	33.975	5.5316	2.56069	0.00037	42.8922	250.000
0.8486	3055	42.8922	24.226	37.00	41.250	675.382	16.494	-5.206	22.924	3.732	8.092	31.496	33.975	5.5316	2.56046	0.00037	42.8925	250.000
0.8489	3056	42.8925	24.226	37.00	41.250	675.584	16.499	-5.206	22.926	3.733	8.092	31.496	33.975	5.5316	2.56023	0.00037	42.8929	250.000
0.8492	3057	42.8929	24.226	37.00	41.250	675.786	16.504	-5.206	22.927	3.733	8.092	31.496	33.975	5.5316	2.56000	0.00037	42.8933	250.000
0.8494	3058	42.8933	24.227	37.00	41.250	675.988	16.509	-5.206	22.929	3.733	8.091	31.496	33.975	5.5316	2.55977	0.00037	42.8936	250.000
0.8497	3059	42.8936	24.227	37.00	41.250	676.190	16.514	-5.206	22.930	3.733	8.091	31.496	33.975	5.5316	2.55954	0.00037	42.8940	250.000
0.8500	3060	42.8940	24.227	37.00	41.250	676.392	16.519	-5.206	22.932	3.734	8.091	31.496	33.975	5.5316	2.55930	0.00037	42.8944	250.000
0.8503	3061	42.8944	24.228	37.00	41.250	676.594	16.524	-5.206	22.933	3.734	8.091	31.496	33.975	5.5316	2.55907	0.00037	42.8947	250.000
0.8506	3062	42.8947	24.228	37.00	41.250	676.796	16.529	-5.206	22.934	3.734	8.090	31.496	33.975	5.5316	2.55884	0.00037	42.8951	250.000
0.8508	3063	42.8951	24.228	37.00	41.250	676.998	16.534	-5.206	22.936	3.734	8.090	31.496	33.975	5.5316	2.55861	0.00037	42.8955	250.000
0.8511	3064	42.8955	24.229	37.00	41.250	677.200	16.539	-5.206	22.937	3.734	8.090	31.496	33.975	5.5316	2.55838	0.00037	42.8958	250.000
0.8514	3065	42.8958	24.229	37.00	41.250	677.402	16.544	-5.206	22.939	3.735	8.090	31.496	33.975	5.5316	2.55815	0.00037	42.8962	250.000
0.8517	3066	42.8962	24.230	37.00	41.250	677.604	16.548	-5.206	22.940	3.735	8.089	31.496	33.975	5.5316	2.55792	0.00037	42.8966	250.000
0.8519	3067	42.8966	24.230	37.00	41.250	677.806	16.553	-5.206	22.942	3.735	8.089	31.496	33.975	5.5316	2.55768	0.00037	42.8969	250.000
0.8522	3068	42.8969	24.230	37.00	41.250	678.008	16.558	-5.206	22.943	3.735	8.089	31.496	33.975	5.5316	2.55745	0.00037	42.8973	250.000
0.8525	3069	42.8973	24.231	37.00	41.250	678.210	16.563	-5.206	22.944	3.736	8.089	31.496	33.975	5.5316	2.55722	0.00037	42.8976	250.000
0.8528	3070	42.8976	24.231	37.00	41.250	678.412	16.568	-5.206	22.946	3.736	8.089	31.496	33.975	5.5316	2.55699	0.00037	42.8980	250.000
0.8531	3071	42.8980	24.231	37.00	41.250	678.614	16.573	-5.206	22.947	3.736	8.088	31.496	33.975	5.5316	2.55676	0.00037	42.8984	250.000
0.8533	3072	42.8984	24.232	37.00	41.250	678.816	16.578	-5.206	22.949	3.736	8.088	31.496	33.975	5.5316	2.55653	0.00037	42.8987	250.000
0.8536	3073	42.8987	24.232	37.00	41.250	679.018	16.583	-5.206	22.950	3.737	8.088	31.496	33.975	5.5316	2.55630	0.00037	42.8991	250.000
0.8539	3074	42.8991	24.232	37.00	41.250	679.220	16.588	-5.206	22.951	3.737	8.088	31.496	33.975	5.5316	2.55606	0.00037	42.8995	250.000
0.8542	3075	42.8995	24.233	37.00	41.250	679.422	16.593	-5.206	22.953	3.737	8.087	31.496	33.975	5.5316	2.55583	0.00037	42.8998	250.000
0.8544	3076	42.8998	24.233	37.00	41.250	679.624	16.598	-5.206	22.954	3.737	8.087	31.496	33.975	5.5316	2.55560	0.00037	42.9002	250.000
0.8547	3077	42.9002	24.234	37.00	41.250	679.826	16.603	-5.206	22.956	3.738	8.087	31.496	33.975	5.5316	2.55537	0.00037	42.9006	250.000
0.8550	3078	42.9006	24.234	37.00	41.250	680.029	16.608	-5.206	22.957	3.738	8.087	31.496	33.975	5.5316	2.55514	0.00037	42.9009	250.000
0.8553	3079	42.9009	24.234	37.00	41.250	680.231	16.613	-5.206	22.959	3.738	8.086	31.496	33.975	5.5316	2.55491	0.00036	42.9013	250.000
0.8556	3080	42.9013	24.235	37.00	41.250	680.433	16.618	-5.206	22.960	3.738	8.086	31.496	33.975	5.5316	2.55468	0.00036	42.9017	250.000
0.8558	3081	42.9017	24.235	37.00	41.250	680.635	16.622	-5.206	22.961	3.738	8.086	31.496	33.975	5.5316	2.55445	0.00036	42.9020	250.000
0.8561	3082	42.9020	24.235	37.00	41.250	680.837	16.627	-5.206	22.963	3.739	8.086	31.496	33.975	5.5316	2.55421	0.00036	42.9024	250.000
0.8564	3083	42.9024	24.236	37.00	41.250	681.039	16.632	-5.206	22.964	3.739	8.086	31.496	33.975	5.5316	2.55398	0.00036	42.9028	250.000
0.8567	3084	42.9028	24.236	37.00	41.250	681.241	16.637	-5.206	22.966	3.739	8.085	31.496	33.975	5.5316	2.55375	0.00036	42.9031	250.000
0.8569	3085	42.9031	24.237	37.00	41.250	681.443	16.642	-5.206	22.967	3.739	8.085	31.496	33.975	5.5316	2.55352	0.00036	42.9035	250.000
0.8572	3086	42.9035	24.237	37.00	41.250	681.645	16.647	-5.206	22.969	3.740	8.085	31.496	33.975	5.5316	2.55329	0.00036	42.9039	250.000
0.8575	3087	42.9039	24.237	37.00	41.250	681.847	16.652	-5.206	22.970	3.740	8.085	31.496	33.975	5.5316	2.55306	0.00036	42.9042	250.000
0.8578	3088	42.9042	24.238	37.00	41.250	682.049	16.657	-5.206	22.971	3.740	8.084	31.496	33.975	5.5316	2.55283	0.00036	42.9046	250.000
0.8581	3089	42.9046	24.238	37.00	41.250	682.251	16.662	-5.206	22.973	3.740	8.084	31.496	33.975	5.5316	2.55260	0.00036	42.9049	250.000
0.8583	3090	42.9049	24.238	37.00	41.250	682.453	16.667	-5.206	22.974	3.741	8.084	31.496	33.975	5.5316	2.55237	0.00036	42.9053	250.000
0.8586	3091	42.9053	24.239	37.00	41.250	682.655	16.672	-5.206	22.976	3.741	8.084	31.496	33.975	5.5316	2.55213	0.00036	42.9057	250.000
0.8589	3092	42.9057	24.239	37.00	41.250	682.857	16.677	-5.206	22.977	3.741	8.083	31.496	33.975	5.5316	2.55190	0.00036	42.9060	250.000
0.8592	3093	42.9060	24.239	37.00	41.250	683.059	16.682	-5.206	22.978	3.741	8.083	31.496	33.975	5.5316	2.55167	0.00036	42.9064	250.000
0.8594	3094	42.9064	24.240	37.00	41.250	683.261	16.687	-5.206	22.980	3.741	8.083	31.496	33.975	5.5316	2.55144	0.00036	42.9068	250.000
0.8597	3095	42.9068	24.240	37.00	41.250	683.463	16.692	-5.206	22.981	3.742	8.083	31.496	33.975	5.5316	2.55121	0.00036	42.9071	250.000
0.8600	3096	42.9071	24.241	37.00	41.250	683.665	16.696	-5.206	22.983	3.742	8.083	31.496	33.975	5.5316	2.55098	0.00036	42.9075	250.000
0.8603	3097	42.9075	24.241	37.00	41.250	683.867	16.701	-5.206	22.984	3.742	8.082	31.496	33.975	5.5316	2.55075	0.00036	42.9079	250.000
0.8606	3098	42.9079	24.241	37.00	41.250	684.069	16.706	-5.206	22.986	3.742	8.082	31.496	33.975	5.5316	2.55052	0.00036	42.9082	250.000
0.8608	3099	42.9082	24.242	37.00	41.250	684.271	16.711	-5.206	22.987	3.743	8.082	31.496	33.975	5.5316	2.55029	0.00036	42.9086	250.000
0.8611	3100	42.9086	24.242	37.00	41.250	684.473	16.716	-5.206	22.988	3.743	8.082	31.496	33.975	5.5316	2.55006	0.00036	42.9090	250.000
0.8614	3101	42.9090	24.242	37.00	41.250	684.675	16.721	-5.206	22.990	3.743	8.081	31.496	33.975	5.5316	2.54983	0.00036	42.9093	250.000
0.8617	3102	42.9093	24.243	37.00	41.250	684.877	16.726	-5.206	22.991	3.743	8.081	31.496	33.975	5.5316	2.54960	0.00036	42.9097	250.000
0.8619	3103	42.9097	24.243	37.00	41.250	685.079	16.731	-5.206	22.993	3.744	8.081	31.496	33.975	5.5316	2.54936	0.00036	42.9100	250.000
0.8622	3104	42.9100	24.243	37.00	41.250	685.281	16.736	-5.206	22.994	3.744	8.081	31.496	33.975	5.5316	2.54913	0.00036	42.9104	250.000
0.8625	3105	42.9104	24.244	37.00	41.250	685.483	16.741	-5.206	22.995	3.744	8.080	31.496	33.975	5.5316	2.54890	0.00036	42.9108	250.000
0.8628	3106	42.9108	24.244	37.00	41.250	685.685	16.746	-5.206	22.997	3.744	8.080	31.496	33.975	5.5316	2.54867	0.00036	42.9111	250.000
0.8631	3107	42.9111	24.245	37.00	41.250	685.887	16.751	-5.206	22.998	3.744	8.080	31.496	33.975	5.5316	2.54844	0.00036	42.9115	250.000
0.8633	3108	42.9115	24.245	37.00	41.250	686.089	16.756	-5.206	23.000	3.745	8.080	31.496	33.975	5.5316	2.54821	0.00036	42.9119	250.000
0.8636	3109	42.9119	24.245	37.00	41.250	686.291	16.761	-5.206	23.001	3.745	8.080	31.496	33.975	5.5316	2.54798	0.00036	42.9122	250.000
0.8639	3110	42.9122	24.246	37.00	41.250	686.493	16.766	-5.206	23.003	3.745	8.079	31.496	33.975	5.5316	2.54775	0.00036	42.9126	250.000
0.8642	3111	42.9126	24.246	37.00	41.250	686.696	16.770	-5.206	23.004	3.745	8.079	31.496	33.975	5.5316	2.54752	0.00036	42.9130	250.000
0.8644	3112	42.9130	24.246	37.00	41.250	686.898	16.775	-5.206	23.005	3.746	8.079	31.496	33.975	5.5316	2.54729	0.00036	42.9133	250.000
0.8647	3113	42.9133	24.247	37.00	41.250	687.100	16.780	-5.206	23.007	3.746	8.079	31.496	33.975	5.5316	2.54706	0.00036	42.9137	250.000
0.8650	3114	42.9137	24.247	37.00	41.250	687.302	16.785	-5.206	23.008	3.746	8.078	31.496	33.975	5.5316	2.54683	0.00036	42.9141	250.000
0.8653	3115	42.9141	24.247	37.00	41.250	687.504	16.790	-5.206	23.010	3.746	8.078	31.496	33.975	5.5316	2.54660	0.00036	42.9144	250.000
0.8656	3116	42.9144	24.248	37.00	41.250	687.706	16.795	-5.206	23.011	3.747	8.078	31.496	33.975	5.5316	2.54637	0.00036	42.9148	250.000
0.8658	3117	42.9148	24.248	37.00	41.250	687.908	16.800	-5.206	23.012	3.747	8.078	31.496	33.975	5.5316	2.54614	0.00036	42.9151	250.000
0.8661	3118	42.9151	24.249	37.00	41.250	688.110	16.805	-5.206	23.014	3.747	8.077	31.496	33.975	5.5316	2.54591	0.00036	42.9155	250.000
0.8664	3119	42.9155	24.249	37.00	41.250	688.312	16.810	-5.206	23.015	3.747	8.077	31.496	33.975	5.5316	2.54568	0.00036	42.9159	250.000
0.8667	3120	42.9159	24.249	37.00	41.250	688.514	16.815	-5.206	23.017	3.747	8.077	31.496	33.975	5.5316	2.54545	0.00036	42.9162	250.000
0.8669	3121	42.9162	24.250	37.00	41.250	688.716	16.820	-5.206	23.018	3.748	8.077	31.496	33.975	5.5316	2.54522	0.00036	42.9166	250.000
0.8672	3122	42.9166	24.250	37.00	41.250	688.918	16.825	-5.206	23.020	3.748	8.077	31.496	33.975	5.5316	2.54499	0.00036	42.9170	250.000
0.8675	3123	42.9170	24.250	37.00	41.250	689.120	16.830	-5.206	23.021	3.748	8.076	31.496	33.975	5.5316	2.54475	0.00036	42.9173	250.000
0.8678	3124	42.9173	24.251	37.00	41.250	689.322	16.835	-5.206	23.022	3.748	8.076	31.496	33.975	5.5316	2.54452	0.00036	42.9177	250.000

0.8681	3125	42.9177	24.251	37.00	41.250	689.524	16.840	-5.206	23.024	3.749	8.076	31.496	33.975	5.5316	2.54429	0.00036	42.9181	250.000
0.8683	3126	42.9181	24.251	37.00	41.250	689.726	16.844	-5.206	23.025	3.749	8.076	31.496	33.975	5.5316	2.54406	0.00036	42.9184	250.000
0.8686	3127	42.9184	24.252	37.00	41.250	689.928	16.849	-5.206	23.027	3.749	8.075	31.496	33.975	5.5316	2.54383	0.00036	42.9188	250.000
0.8689	3128	42.9188	24.252	37.00	41.250	690.130	16.854	-5.206	23.028	3.749	8.075	31.496	33.975	5.5316	2.54360	0.00036	42.9191	250.000
0.8692	3129	42.9191	24.253	37.00	41.250	690.332	16.859	-5.206	23.029	3.750	8.075	31.496	33.975	5.5316	2.54337	0.00036	42.9195	250.000
0.8694	3130	42.9195	24.253	37.00	41.250	690.534	16.864	-5.206	23.031	3.750	8.075	31.496	33.975	5.5316	2.54314	0.00036	42.9199	250.000
0.8697	3131	42.9199	24.253	37.00	41.250	690.736	16.869	-5.206	23.032	3.750	8.074	31.496	33.975	5.5316	2.54291	0.00036	42.9202	250.000
0.8700	3132	42.9202	24.254	37.00	41.250	690.938	16.874	-5.206	23.034	3.750	8.074	31.496	33.975	5.5316	2.54268	0.00036	42.9206	250.000
0.8703	3133	42.9206	24.254	37.00	41.250	691.140	16.879	-5.206	23.035	3.750	8.074	31.496	33.975	5.5316	2.54245	0.00036	42.9210	250.000
0.8706	3134	42.9210	24.254	37.00	41.250	691.342	16.884	-5.206	23.037	3.751	8.074	31.496	33.975	5.5316	2.54222	0.00036	42.9213	250.000
0.8708	3135	42.9213	24.255	37.00	41.250	691.544	16.889	-5.206	23.038	3.751	8.074	31.496	33.975	5.5316	2.54199	0.00036	42.9217	250.000
0.8711	3136	42.9217	24.255	37.00	41.250	691.746	16.894	-5.206	23.039	3.751	8.073	31.496	33.975	5.5316	2.54176	0.00036	42.9220	250.000
0.8714	3137	42.9220	24.255	37.00	41.250	691.948	16.899	-5.206	23.041	3.751	8.073	31.496	33.975	5.5316	2.54153	0.00036	42.9224	250.000
0.8717	3138	42.9224	24.256	37.00	41.250	692.150	16.904	-5.206	23.042	3.752	8.073	31.496	33.975	5.5316	2.54130	0.00036	42.9228	250.000
0.8719	3139	42.9228	24.256	37.00	41.250	692.352	16.909	-5.206	23.044	3.752	8.073	31.496	33.975	5.5316	2.54107	0.00036	42.9231	250.000
0.8722	3140	42.9231	24.257	37.00	41.250	692.554	16.914	-5.206	23.045	3.752	8.072	31.496	33.975	5.5316	2.54084	0.00036	42.9235	250.000
0.8725	3141	42.9235	24.257	37.00	41.250	692.756	16.919	-5.206	23.046	3.752	8.072	31.496	33.975	5.5316	2.54061	0.00036	42.9239	250.000
0.8728	3142	42.9239	24.257	37.00	41.250	692.958	16.923	-5.206	23.048	3.752	8.072	31.496	33.975	5.5316	2.54038	0.00036	42.9242	250.000
0.8731	3143	42.9242	24.258	37.00	41.250	693.160	16.928	-5.206	23.049	3.753	8.072	31.496	33.975	5.5316	2.54015	0.00036	42.9246	250.000
0.8733	3144	42.9246	24.258	37.00	41.250	693.363	16.933	-5.206	23.051	3.753	8.071	31.496	33.975	5.5316	2.53992	0.00036	42.9250	250.000
0.8736	3145	42.9250	24.258	37.00	41.250	693.565	16.938	-5.206	23.052	3.753	8.071	31.496	33.975	5.5316	2.53969	0.00036	42.9253	250.000
0.8739	3146	42.9253	24.259	37.00	41.250	693.767	16.943	-5.206	23.053	3.753	8.071	31.496	33.975	5.5316	2.53946	0.00036	42.9257	250.000
0.8742	3147	42.9257	24.259	37.00	41.250	693.969	16.948	-5.206	23.055	3.754	8.071	31.496	33.975	5.5316	2.53923	0.00036	42.9260	250.000
0.8744	3148	42.9260	24.259	37.00	41.250	694.171	16.953	-5.206	23.056	3.754	8.071	31.496	33.975	5.5316	2.53900	0.00036	42.9264	250.000
0.8747	3149	42.9264	24.260	37.00	41.250	694.373	16.958	-5.206	23.058	3.754	8.070	31.496	33.975	5.5316	2.53877	0.00036	42.9268	250.000
0.8750	3150	42.9268	24.260	37.00	41.250	694.575	16.963	-5.206	23.059	3.754	8.070	31.496	33.975	5.5316	2.53854	0.00036	42.9271	250.000
0.8753	3151	42.9271	24.261	37.00	41.250	694.777	16.968	-5.206	23.061	3.755	8.070	31.496	33.975	5.5316	2.53831	0.00036	42.9275	250.000
0.8756	3152	42.9275	24.261	37.00	41.250	694.979	16.973	-5.206	23.062	3.755	8.070	31.496	33.975	5.5316	2.53808	0.00036	42.9279	250.000
0.8758	3153	42.9279	24.261	37.00	41.250	695.181	16.978	-5.206	23.063	3.755	8.069	31.496	33.975	5.5316	2.53786	0.00036	42.9282	250.000
0.8761	3154	42.9282	24.262	37.00	41.250	695.383	16.983	-5.206	23.065	3.755	8.069	31.496	33.975	5.5316	2.53763	0.00036	42.9286	250.000
0.8764	3155	42.9286	24.262	37.00	41.250	695.585	16.988	-5.206	23.066	3.755	8.069	31.496	33.975	5.5316	2.53740	0.00036	42.9289	250.000
0.8767	3156	42.9289	24.262	37.00	41.250	695.787	16.993	-5.206	23.068	3.756	8.069	31.496	33.975	5.5316	2.53717	0.00036	42.9293	250.000
0.8769	3157	42.9293	24.263	37.00	41.250	695.989	16.997	-5.206	23.069	3.756	8.068	31.496	33.975	5.5316	2.53694	0.00036	42.9297	250.000
0.8772	3158	42.9297	24.263	37.00	41.250	696.191	17.002	-5.206	23.070	3.756	8.068	31.496	33.975	5.5316	2.53671	0.00036	42.9300	250.000
0.8775	3159	42.9300	24.263	37.00	41.250	696.393	17.007	-5.206	23.072	3.756	8.068	31.496	33.975	5.5316	2.53648	0.00036	42.9304	250.000
0.8778	3160	42.9304	24.264	37.00	41.250	696.595	17.012	-5.206	23.073	3.757	8.068	31.496	33.975	5.5316	2.53625	0.00036	42.9308	250.000
0.8781	3161	42.9308	24.264	37.00	41.250	696.797	17.017	-5.206	23.075	3.757	8.068	31.496	33.975	5.5316	2.53602	0.00036	42.9311	250.000
0.8783	3162	42.9311	24.265	37.00	41.250	696.999	17.022	-5.206	23.076	3.757	8.067	31.496	33.975	5.5316	2.53579	0.00036	42.9315	250.000
0.8786	3163	42.9315	24.265	37.00	41.250	697.201	17.027	-5.206	23.077	3.757	8.067	31.496	33.975	5.5316	2.53556	0.00036	42.9318	250.000
0.8789	3164	42.9318	24.265	37.00	41.250	697.403	17.032	-5.206	23.079	3.758	8.067	31.496	33.975	5.5316	2.53533	0.00036	42.9322	250.000
0.8792	3165	42.9322	24.266	37.00	41.250	697.605	17.037	-5.206	23.080	3.758	8.067	31.496	33.975	5.5316	2.53510	0.00036	42.9326	250.000
0.8794	3166	42.9326	24.266	37.00	41.250	697.807	17.042	-5.206	23.082	3.758	8.066	31.496	33.975	5.5316	2.53487	0.00036	42.9329	250.000
0.8797	3167	42.9329	24.266	37.00	41.250	698.009	17.047	-5.206	23.083	3.758	8.066	31.496	33.975	5.5316	2.53464	0.00036	42.9333	250.000
0.8800	3168	42.9333	24.267	37.00	41.250	698.211	17.052	-5.206	23.084	3.758	8.066	31.496	33.975	5.5316	2.53441	0.00036	42.9337	250.000
0.8803	3169	42.9337	24.267	37.00	41.250	698.413	17.057	-5.206	23.086	3.759	8.066	31.496	33.975	5.5316	2.53418	0.00036	42.9340	250.000
0.8806	3170	42.9340	24.267	37.00	41.250	698.615	17.062	-5.206	23.087	3.759	8.066	31.496	33.975	5.5316	2.53395	0.00036	42.9344	250.000
0.8808	3171	42.9344	24.268	37.00	41.250	698.817	17.067	-5.206	23.089	3.759	8.065	31.496	33.975	5.5316	2.53372	0.00036	42.9347	250.000
0.8811	3172	42.9347	24.268	37.00	41.250	699.019	17.071	-5.206	23.090	3.759	8.065	31.496	33.975	5.5316	2.53350	0.00036	42.9351	250.000
0.8814	3173	42.9351	24.268	37.00	41.250	699.221	17.076	-5.206	23.092	3.760	8.065	31.496	33.975	5.5316	2.53327	0.00036	42.9355	250.000
0.8817	3174	42.9355	24.269	37.00	41.250	699.423	17.081	-5.206	23.093	3.760	8.065	31.496	33.975	5.5316	2.53304	0.00036	42.9358	250.000
0.8819	3175	42.9358	24.269	37.00	41.250	699.625	17.086	-5.206	23.094	3.760	8.064	31.496	33.975	5.5316	2.53281	0.00036	42.9362	250.000
0.8822	3176	42.9362	24.270	37.00	41.250	699.827	17.091	-5.206	23.096	3.760	8.064	31.496	33.975	5.5316	2.53258	0.00036	42.9365	250.000
0.8825	3177	42.9365	24.270	37.00	41.250	700.029	17.096	-5.206	23.097	3.761	8.064	31.496	33.975	5.5316	2.53235	0.00036	42.9369	250.000
0.8828	3178	42.9369	24.270	37.00	41.250	700.232	17.101	-5.206	23.099	3.761	8.064	31.496	33.975	5.5316	2.53212	0.00036	42.9373	250.000
0.8831	3179	42.9373	24.271	37.00	41.250	700.434	17.106	-5.206	23.100	3.761	8.063	31.496	33.975	5.5316	2.53189	0.00036	42.9376	250.000
0.8833	3180	42.9376	24.271	37.00	41.250	700.636	17.111	-5.206	23.101	3.761	8.063	31.496	33.975	5.5316	2.53166	0.00036	42.9380	250.000
0.8836	3181	42.9380	24.271	37.00	41.250	700.838	17.116	-5.206	23.103	3.761	8.063	31.496	33.975	5.5316	2.53143	0.00036	42.9384	250.000
0.8839	3182	42.9384	24.272	37.00	41.250	701.040	17.121	-5.206	23.104	3.762	8.063	31.496	33.975	5.5316	2.53120	0.00036	42.9387	250.000
0.8842	3183	42.9387	24.272	37.00	41.250	701.242	17.126	-5.206	23.106	3.762	8.063	31.496	33.975	5.5316	2.53097	0.00036	42.9391	250.000
0.8844	3184	42.9391	24.272	37.00	41.250	701.444	17.131	-5.206	23.107	3.762	8.062	31.496	33.975	5.5316	2.53075	0.00036	42.9394	250.000
0.8847	3185	42.9394	24.273	37.00	41.250	701.646	17.136	-5.206	23.108	3.762	8.062	31.496	33.975	5.5316	2.53052	0.00036	42.9398	250.000
0.8850	3186	42.9398	24.273	37.00	41.250	701.848	17.141	-5.206	23.110	3.763	8.062	31.496	33.975	5.5316	2.53029	0.00036	42.9402	250.000
0.8853	3187	42.9402	24.274	37.00	41.250	702.050	17.145	-5.206	23.111	3.763	8.062	31.496	33.975	5.5316	2.53006	0.00036	42.9405	250.000
0.8856	3188	42.9405	24.274	37.00	41.250	702.252	17.150	-5.206	23.113	3.763	8.061	31.496	33.975	5.5316	2.52983	0.00036	42.9409	250.000
0.8858	3189	42.9409	24.274	37.00	41.250	702.454	17.155	-5.206	23.114	3.763	8.061	31.496	33.975	5.5316	2.52960	0.00036	42.9412	250.000
0.8861	3190	42.9412	24.275	37.00	41.250	702.656	17.160	-5.206	23.115	3.764	8.061	31.496	33.975	5.5316	2.52937	0.00036	42.9416	250.000
0.8864	3191	42.9416	24.275	37.00	41.250	702.858	17.165	-5.206	23.117	3.764	8.061	31.496	33.975	5.5316	2.52914	0.00036	42.9420	250.000
0.8867	3192	42.9420	24.275	37.00	41.250	703.060	17.170	-5.206	23.118	3.764	8.060	31.496	33.975	5.5316	2.52891	0.00036	42.9423	250.000
0.8869	3193	42.9423	24.276	37.00	41.250	703.262	17.175	-5.206	23.120	3.764	8.060	31.496	33.975	5.5316	2.52869	0.00036	42.9427	250.000
0.8872	3194	42.9427	24.276	37.00	41.250	703.464	17.180	-5.206	23.121	3.764	8.060	31.496	33.975	5.5316	2.52846	0.00036	42.9431	250.000
0.8875	3195	42.9431	24.276	37.00	41.250	703.666	17.185	-5.206	23.122	3.765	8.060	31.496	33.975	5.5316	2.52823	0.00036	42.9434	250.000
0.8878	3196	42.9434	24.277	37.00	41.250	703.868	17.190	-5.206	23.124	3.765	8.060	31.496	33.975	5.5316	2.52800	0.00036	42.9438	250.000
0.8881	3197	42.9438	24.277	37.00	41.250	704.070	17.195	-5.206	23.125	3.765	8.059	31.496	33.975	5.5316	2.52777	0.00036	42.9441	250.000
0.8883	3198	42.9441	24.278	37.00	41.250	704.272	17.200	-5.206	23.127	3.765	8.059	31.496	33.975	5.5316	2.52754	0.00036	42.9445	250.000
0.8886	3199	42.9445	24.278	37.00	41.250	704.474	17.205	-5.206	23.128	3.766	8.059	31.496	33.975	5.5316	2.52731	0.00036	42.9449	250.000
0.8889	3200	42.9449	24.278	37.00	41.250	704.676	17.210	-5.206	23.129	3.766	8.059	31.496	33.975	5.5316	2.52708	0.00036	42.9452	250.000
0.8892	3201	42.9452	24.279	37.00	41.250	704.878	17.215	-5.206	23.131	3.766	8.058	31.496	33.975	5.5316	2.52686	0.00036	42.9456	250.000
0.8894	3202	42.9456	24.279	37.00	41.250	705.080	17.219	-5.206	23.132	3.766	8.058	31.496	33.975	5.5316	2.52663	0.00036	42.9459	250.000
0.8897	3203	42.9459	24.279	37.00	41.250	705.282	17.224	-5.206	23.134	3.766	8.058	31.496	33.975	5.5316	2.52640	0.00036	42.9463	250.000
0.8900	3204	42.9463	24.280	37.00	41.250	705.484	17.229	-5.206	23.135	3.767	8.058	31.496	33.975	5.5316	2.52617	0.00036	42.9467	250.000
0.8903	3205	42.9467	24.280	37.00	41.250	705.686	17.234	-5.206	23.137	3.767	8.057	31.496	33.975	5.5316	2.52594	0.00036	42.9470	250.000

0.8906	3206	42.9470	24.280	37.00	41.250	705.888	17.239	-5.206	23.138	3.767	8.057	31.496	33.975	5.5316	2.52571	0.00036	42.9474	250.000
0.8908	3207	42.9474	24.281	37.00	41.250	706.090	17.244	-5.206	23.139	3.767	8.057	31.496	33.975	5.5316	2.52548	0.00036	42.9477	250.000
0.8911	3208	42.9477	24.281	37.00	41.250	706.292	17.249	-5.206	23.141	3.768	8.057	31.496	33.975	5.5316	2.52525	0.00036	42.9481	250.000
0.8914	3209	42.9481	24.281	37.00	41.250	706.494	17.254	-5.206	23.142	3.768	8.057	31.496	33.975	5.5316	2.52503	0.00036	42.9485	250.000
0.8917	3210	42.9485	24.282	37.00	41.250	706.696	17.259	-5.206	23.144	3.768	8.056	31.496	33.975	5.5316	2.52480	0.00036	42.9488	250.000
0.8919	3211	42.9488	24.282	37.00	41.250	706.899	17.264	-5.206	23.145	3.768	8.056	31.496	33.975	5.5316	2.52457	0.00036	42.9492	250.000
0.8922	3212	42.9492	24.283	37.00	41.250	707.101	17.269	-5.206	23.146	3.769	8.056	31.496	33.975	5.5316	2.52434	0.00036	42.9495	250.000
0.8925	3213	42.9495	24.283	37.00	41.250	707.303	17.274	-5.206	23.148	3.769	8.056	31.496	33.975	5.5316	2.52411	0.00036	42.9499	250.000
0.8928	3214	42.9499	24.283	37.00	41.250	707.505	17.279	-5.206	23.149	3.769	8.055	31.496	33.975	5.5316	2.52388	0.00036	42.9503	250.000
0.8931	3215	42.9503	24.284	37.00	41.250	707.707	17.284	-5.206	23.151	3.769	8.055	31.496	33.975	5.5316	2.52366	0.00036	42.9506	250.000
0.8933	3216	42.9506	24.284	37.00	41.250	707.909	17.289	-5.206	23.152	3.769	8.055	31.496	33.975	5.5316	2.52343	0.00036	42.9510	250.000
0.8936	3217	42.9510	24.284	37.00	41.250	708.111	17.293	-5.206	23.153	3.770	8.055	31.496	33.975	5.5316	2.52320	0.00036	42.9514	250.000
0.8939	3218	42.9514	24.285	37.00	41.250	708.313	17.298	-5.206	23.155	3.770	8.055	31.496	33.975	5.5316	2.52297	0.00036	42.9517	250.000
0.8942	3219	42.9517	24.285	37.00	41.250	708.515	17.303	-5.206	23.156	3.770	8.054	31.496	33.975	5.5316	2.52274	0.00036	42.9521	250.000
0.8944	3220	42.9521	24.285	37.00	41.250	708.717	17.308	-5.206	23.158	3.770	8.054	31.496	33.975	5.5316	2.52251	0.00036	42.9524	250.000
0.8947	3221	42.9524	24.286	37.00	41.250	708.919	17.313	-5.206	23.159	3.771	8.054	31.496	33.975	5.5316	2.52229	0.00036	42.9528	250.000
0.8950	3222	42.9528	24.286	37.00	41.250	709.121	17.318	-5.206	23.160	3.771	8.054	31.496	33.975	5.5316	2.52206	0.00036	42.9532	250.000
0.8953	3223	42.9532	24.287	37.00	41.250	709.323	17.323	-5.206	23.162	3.771	8.053	31.496	33.975	5.5316	2.52183	0.00036	42.9535	250.000
0.8956	3224	42.9535	24.287	37.00	41.250	709.525	17.328	-5.206	23.163	3.771	8.053	31.496	33.975	5.5316	2.52160	0.00036	42.9539	250.000
0.8958	3225	42.9539	24.287	37.00	41.250	709.727	17.333	-5.206	23.165	3.772	8.053	31.496	33.975	5.5316	2.52137	0.00036	42.9542	250.000
0.8961	3226	42.9542	24.288	37.00	41.250	709.929	17.338	-5.206	23.166	3.772	8.053	31.496	33.975	5.5316	2.52114	0.00036	42.9546	250.000
0.8964	3227	42.9546	24.288	37.00	41.250	710.131	17.343	-5.206	23.167	3.772	8.052	31.496	33.975	5.5316	2.52092	0.00036	42.9550	250.000
0.8967	3228	42.9550	24.288	37.00	41.250	710.333	17.348	-5.206	23.169	3.772	8.052	31.496	33.975	5.5316	2.52069	0.00036	42.9553	250.000
0.8969	3229	42.9553	24.289	37.00	41.250	710.535	17.353	-5.206	23.170	3.772	8.052	31.496	33.975	5.5316	2.52046	0.00036	42.9557	250.000
0.8972	3230	42.9557	24.289	37.00	41.250	710.737	17.358	-5.206	23.172	3.773	8.052	31.496	33.975	5.5316	2.52023	0.00036	42.9560	250.000
0.8975	3231	42.9560	24.289	37.00	41.250	710.939	17.363	-5.206	23.173	3.773	8.052	31.496	33.975	5.5316	2.52000	0.00036	42.9564	250.000
0.8978	3232	42.9564	24.290	37.00	41.250	711.141	17.367	-5.206	23.174	3.773	8.051	31.496	33.975	5.5316	2.51978	0.00036	42.9568	250.000
0.8981	3233	42.9568	24.290	37.00	41.250	711.343	17.372	-5.206	23.176	3.773	8.051	31.496	33.975	5.5316	2.51955	0.00036	42.9571	250.000
0.8983	3234	42.9571	24.291	37.00	41.250	711.545	17.377	-5.206	23.177	3.774	8.051	31.496	33.975	5.5316	2.51932	0.00036	42.9575	250.000
0.8986	3235	42.9575	24.291	37.00	41.250	711.747	17.382	-5.206	23.179	3.774	8.051	31.496	33.975	5.5316	2.51909	0.00036	42.9578	250.000
0.8989	3236	42.9578	24.291	37.00	41.250	711.949	17.387	-5.206	23.180	3.774	8.050	31.496	33.975	5.5316	2.51886	0.00036	42.9582	250.000
0.8992	3237	42.9582	24.292	37.00	41.250	712.151	17.392	-5.206	23.181	3.774	8.050	31.496	33.975	5.5316	2.51864	0.00036	42.9586	250.000
0.8994	3238	42.9586	24.292	37.00	41.250	712.353	17.397	-5.206	23.183	3.774	8.050	31.496	33.975	5.5316	2.51841	0.00036	42.9589	250.000
0.8997	3239	42.9589	24.292	37.00	41.250	712.555	17.402	-5.206	23.184	3.775	8.050	31.496	33.975	5.5316	2.51818	0.00036	42.9593	250.000
0.9000	3240	42.9593	24.293	37.00	41.250	712.757	17.407	-5.206	23.186	3.775	8.050	31.496	33.975	5.5316	2.51795	0.00036	42.9596	250.000
0.9003	3241	42.9596	24.293	37.00	41.250	712.959	17.412	-5.206	23.187	3.775	8.049	31.496	33.975	5.5316	2.51772	0.00036	42.9600	250.000
0.9006	3242	42.9600	24.293	37.00	41.250	713.161	17.417	-5.206	23.188	3.775	8.049	31.496	33.975	5.5316	2.51750	0.00036	42.9604	250.000
0.9008	3243	42.9604	24.294	37.00	41.250	713.363	17.422	-5.206	23.190	3.776	8.049	31.496	33.975	5.5316	2.51727	0.00036	42.9607	250.000
0.9011	3244	42.9607	24.294	37.00	41.250	713.565	17.427	-5.206	23.191	3.776	8.049	31.496	33.975	5.5316	2.51704	0.00036	42.9611	250.000
0.9014	3245	42.9611	24.294	37.00	41.250	713.768	17.432	-5.206	23.193	3.776	8.048	31.496	33.975	5.5316	2.51681	0.00036	42.9614	250.000
0.9017	3246	42.9614	24.295	37.00	41.250	713.970	17.437	-5.206	23.194	3.776	8.048	31.496	33.975	5.5316	2.51659	0.00036	42.9618	250.000
0.9019	3247	42.9618	24.295	37.00	41.250	714.172	17.442	-5.206	23.195	3.777	8.048	31.496	33.975	5.5316	2.51636	0.00036	42.9622	250.000
0.9022	3248	42.9622	24.296	37.00	41.250	714.374	17.446	-5.206	23.197	3.777	8.048	31.496	33.975	5.5316	2.51613	0.00036	42.9625	250.000
0.9025	3249	42.9625	24.296	37.00	41.250	714.576	17.451	-5.206	23.198	3.777	8.047	31.496	33.975	5.5316	2.51590	0.00036	42.9629	250.000
0.9028	3250	42.9629	24.296	37.00	41.250	714.778	17.456	-5.206	23.200	3.777	8.047	31.496	33.975	5.5316	2.51567	0.00036	42.9632	250.000
0.9031	3251	42.9632	24.297	37.00	41.250	714.980	17.461	-5.206	23.201	3.777	8.047	31.496	33.975	5.5316	2.51545	0.00036	42.9636	250.000
0.9033	3252	42.9636	24.297	37.00	41.250	715.182	17.466	-5.206	23.202	3.778	8.047	31.496	33.975	5.5316	2.51522	0.00036	42.9639	250.000
0.9036	3253	42.9639	24.297	37.00	41.250	715.384	17.471	-5.206	23.204	3.778	8.047	31.496	33.975	5.5316	2.51499	0.00036	42.9643	250.000
0.9039	3254	42.9643	24.298	37.00	41.250	715.586	17.476	-5.206	23.205	3.778	8.046	31.496	33.975	5.5316	2.51476	0.00036	42.9647	250.000
0.9042	3255	42.9647	24.298	37.00	41.250	715.788	17.481	-5.206	23.207	3.778	8.046	31.496	33.975	5.5316	2.51454	0.00036	42.9650	250.000
0.9044	3256	42.9650	24.298	37.00	41.250	715.990	17.486	-5.206	23.208	3.779	8.046	31.496	33.975	5.5316	2.51431	0.00036	42.9654	250.000
0.9047	3257	42.9654	24.299	37.00	41.250	716.192	17.491	-5.206	23.209	3.779	8.046	31.496	33.975	5.5316	2.51408	0.00036	42.9657	250.000
0.9050	3258	42.9657	24.299	37.00	41.250	716.394	17.496	-5.206	23.211	3.779	8.045	31.496	33.975	5.5316	2.51385	0.00036	42.9661	250.000
0.9053	3259	42.9661	24.299	37.00	41.250	716.596	17.501	-5.206	23.212	3.779	8.045	31.496	33.975	5.5316	2.51363	0.00036	42.9665	250.000
0.9056	3260	42.9665	24.300	37.00	41.250	716.798	17.506	-5.206	23.214	3.779	8.045	31.496	33.975	5.5316	2.51340	0.00036	42.9668	250.000
0.9058	3261	42.9668	24.300	37.00	41.250	717.000	17.511	-5.206	23.215	3.780	8.045	31.496	33.975	5.5316	2.51317	0.00036	42.9672	250.000
0.9061	3262	42.9672	24.301	37.00	41.250	717.202	17.516	-5.206	23.216	3.780	8.044	31.496	33.975	5.5316	2.51294	0.00036	42.9675	250.000
0.9064	3263	42.9675	24.301	37.00	41.250	717.404	17.520	-5.206	23.218	3.780	8.044	31.496	33.975	5.5316	2.51272	0.00036	42.9679	250.000
0.9067	3264	42.9679	24.301	37.00	41.250	717.606	17.525	-5.206	23.219	3.780	8.044	31.496	33.975	5.5316	2.51249	0.00036	42.9683	250.000
0.9069	3265	42.9683	24.302	37.00	41.250	717.808	17.530	-5.206	23.221	3.781	8.044	31.496	33.975	5.5316	2.51226	0.00036	42.9686	250.000
0.9072	3266	42.9686	24.302	37.00	41.250	718.010	17.535	-5.206	23.222	3.781	8.044	31.496	33.975	5.5316	2.51203	0.00036	42.9690	250.000
0.9075	3267	42.9690	24.302	37.00	41.250	718.212	17.540	-5.206	23.223	3.781	8.043	31.496	33.975	5.5316	2.51181	0.00036	42.9693	250.000
0.9078	3268	42.9693	24.303	37.00	41.250	718.414	17.545	-5.206	23.225	3.781	8.043	31.496	33.975	5.5316	2.51158	0.00036	42.9697	250.000
0.9081	3269	42.9697	24.303	37.00	41.250	718.616	17.550	-5.206	23.226	3.782	8.043	31.496	33.975	5.5316	2.51135	0.00036	42.9701	250.000
0.9083	3270	42.9701	24.303	37.00	41.250	718.818	17.555	-5.206	23.228	3.782	8.043	31.496	33.975	5.5316	2.51113	0.00036	42.9704	250.000
0.9086	3271	42.9704	24.304	37.00	41.250	719.020	17.560	-5.206	23.229	3.782	8.042	31.496	33.975	5.5316	2.51090	0.00036	42.9708	250.000
0.9089	3272	42.9708	24.304	37.00	41.250	719.222	17.565	-5.206	23.230	3.782	8.042	31.496	33.975	5.5316	2.51067	0.00036	42.9711	250.000
0.9092	3273	42.9711	24.305	37.00	41.250	719.424	17.570	-5.206	23.232	3.782	8.042	31.496	33.975	5.5316	2.51044	0.00036	42.9715	250.000
0.9094	3274	42.9715	24.305	37.00	41.250	719.626	17.575	-5.206	23.233	3.783	8.042	31.496	33.975	5.5316	2.51022	0.00036	42.9718	250.000
0.9097	3275	42.9718	24.305	37.00	41.250	719.828	17.580	-5.206	23.234	3.783	8.042	31.496	33.975	5.5316	2.50999	0.00036	42.9722	250.000
0.9100	3276	42.9722	24.306	37.00	41.250	720.030	17.585	-5.206	23.236	3.783	8.041	31.496	33.975	5.5316	2.50976	0.00036	42.9726	250.000
0.9103	3277	42.9726	24.306	37.00	41.250	720.232	17.590	-5.206	23.237	3.783	8.041	31.496	33.975	5.5316	2.50954	0.00036	42.9729	250.000
0.9106	3278	42.9729	24.306	37.00	41.250	720.435	17.594	-5.206	23.239	3.784	8.041	31.496	33.975	5.5316	2.50931	0.00036	42.9733	250.000
0.9108	3279	42.9733	24.307	37.00	41.250	720.637	17.599	-5.206	23.240	3.784	8.041	31.496	33.975	5.5316	2.50908	0.00036	42.9736	250.000
0.9111	3280	42.9736	24.307	37.00	41.250	720.839	17.604	-5.206	23.241	3.784	8.040	31.496	33.975	5.5316	2.50885	0.00036	42.9740	250.000
0.9114	3281	42.9740	24.307	37.00	41.250	721.041	17.609	-5.206	23.243	3.784	8.040	31.496	33.975	5.5316	2.50863	0.00036	42.9744	250.000
0.9117	3282	42.9744	24.308	37.00	41.250	721.243	17.614	-5.206	23.244	3.784	8.040	31.496	33.975	5.5316	2.50840	0.00036	42.9747	250.000
0.9119	3283	42.9747	24.308	37.00	41.250	721.445	17.619	-5.206	23.246	3.785	8.040	31.496	33.975	5.5316	2.50817	0.00036	42.9751	250.000
0.9122	3284	42.9751	24.308	37.00	41.250	721.647	17.624	-5.206	23.247	3.785	8.039	31.496	33.975	5.5316	2.50795	0.00036	42.9754	250.000
0.9125	3285	42.9754	24.309	37.00	41.250	721.849	17.629	-5.206	23.248	3.785	8.039	31.496	33.975	5.5316	2.50772	0.00036	42.9758	250.000
0.9128	3286	42.9758	24.309	37.00	41.250	722.051	17.634	-5.206	23.250	3.785	8.039	31.496	33.975	5.5316	2.50749	0.00036	42.9761	250.000

0.9131	3287	42.9761	24.310	37.00	41.250	722.253	17.639	-5.206	23.251	3.786	8.039	31.496	33.975	5.5316	2.50727	0.00036	42.9765	250.000
0.9133	3288	42.9765	24.310	37.00	41.250	722.455	17.644	-5.206	23.253	3.786	8.039	31.496	33.975	5.5316	2.50704	0.00036	42.9769	250.000
0.9136	3289	42.9769	24.310	37.00	41.250	722.657	17.649	-5.206	23.254	3.786	8.038	31.496	33.975	5.5316	2.50681	0.00036	42.9772	250.000
0.9139	3290	42.9772	24.311	37.00	41.250	722.859	17.654	-5.206	23.255	3.786	8.038	31.496	33.975	5.5316	2.50658	0.00036	42.9776	250.000
0.9142	3291	42.9776	24.311	37.00	41.250	723.061	17.659	-5.206	23.257	3.787	8.038	31.496	33.975	5.5316	2.50636	0.00036	42.9779	250.000
0.9144	3292	42.9779	24.311	37.00	41.250	723.263	17.664	-5.206	23.258	3.787	8.038	31.496	33.975	5.5316	2.50613	0.00036	42.9783	250.000
0.9147	3293	42.9783	24.312	37.00	41.250	723.465	17.668	-5.206	23.260	3.787	8.037	31.496	33.975	5.5316	2.50590	0.00036	42.9787	250.000
0.9150	3294	42.9787	24.312	37.00	41.250	723.667	17.673	-5.206	23.261	3.787	8.037	31.496	33.975	5.5316	2.50568	0.00036	42.9790	250.000
0.9153	3295	42.9790	24.312	37.00	41.250	723.869	17.678	-5.206	23.262	3.787	8.037	31.496	33.975	5.5316	2.50545	0.00036	42.9794	250.000
0.9156	3296	42.9794	24.313	37.00	41.250	724.071	17.683	-5.206	23.264	3.788	8.037	31.496	33.975	5.5316	2.50522	0.00036	42.9797	250.000
0.9158	3297	42.9797	24.313	37.00	41.250	724.273	17.688	-5.206	23.265	3.788	8.037	31.496	33.975	5.5316	2.50500	0.00036	42.9801	250.000
0.9161	3298	42.9801	24.313	37.00	41.250	724.475	17.693	-5.206	23.267	3.788	8.036	31.496	33.975	5.5316	2.50477	0.00036	42.9804	250.000
0.9164	3299	42.9804	24.314	37.00	41.250	724.677	17.698	-5.206	23.268	3.788	8.036	31.496	33.975	5.5316	2.50454	0.00036	42.9808	250.000
0.9167	3300	42.9808	24.314	37.00	41.250	724.879	17.703	-5.206	23.269	3.789	8.036	31.496	33.975	5.5316	2.50432	0.00036	42.9812	250.000
0.9169	3301	42.9812	24.315	37.00	41.250	725.081	17.708	-5.206	23.271	3.789	8.036	31.496	33.975	5.5316	2.50409	0.00036	42.9815	250.000
0.9172	3302	42.9815	24.315	37.00	41.250	725.283	17.713	-5.206	23.272	3.789	8.035	31.496	33.975	5.5316	2.50386	0.00036	42.9819	250.000
0.9175	3303	42.9819	24.315	37.00	41.250	725.485	17.718	-5.206	23.274	3.789	8.035	31.496	33.975	5.5316	2.50364	0.00036	42.9822	250.000
0.9178	3304	42.9822	24.316	37.00	41.250	725.687	17.723	-5.206	23.275	3.789	8.035	31.496	33.975	5.5316	2.50341	0.00036	42.9826	250.000
0.9181	3305	42.9826	24.316	37.00	41.250	725.889	17.728	-5.206	23.276	3.790	8.035	31.496	33.975	5.5316	2.50318	0.00036	42.9829	250.000
0.9183	3306	42.9829	24.316	37.00	41.250	726.091	17.733	-5.206	23.278	3.790	8.035	31.496	33.975	5.5316	2.50296	0.00036	42.9833	250.000
0.9186	3307	42.9833	24.317	37.00	41.250	726.293	17.738	-5.206	23.279	3.790	8.034	31.496	33.975	5.5316	2.50273	0.00036	42.9837	250.000
0.9189	3308	42.9837	24.317	37.00	41.250	726.495	17.742	-5.206	23.280	3.790	8.034	31.496	33.975	5.5316	2.50251	0.00036	42.9840	250.000
0.9192	3309	42.9840	24.317	37.00	41.250	726.697	17.747	-5.206	23.282	3.791	8.034	31.496	33.975	5.5316	2.50228	0.00036	42.9844	250.000
0.9194	3310	42.9844	24.318	37.00	41.250	726.899	17.752	-5.206	23.283	3.791	8.034	31.496	33.975	5.5316	2.50205	0.00036	42.9847	250.000
0.9197	3311	42.9847	24.318	37.00	41.250	727.102	17.757	-5.206	23.285	3.791	8.033	31.496	33.975	5.5316	2.50183	0.00036	42.9851	250.000
0.9200	3312	42.9851	24.318	37.00	41.250	727.304	17.762	-5.206	23.286	3.791	8.033	31.496	33.975	5.5316	2.50160	0.00036	42.9854	250.000
0.9203	3313	42.9854	24.319	37.00	41.250	727.506	17.767	-5.206	23.287	3.792	8.033	31.496	33.975	5.5316	2.50137	0.00036	42.9858	250.000
0.9206	3314	42.9858	24.319	37.00	41.250	727.708	17.772	-5.206	23.289	3.792	8.033	31.496	33.975	5.5316	2.50115	0.00036	42.9862	250.000
0.9208	3315	42.9862	24.320	37.00	41.250	727.910	17.777	-5.206	23.290	3.792	8.032	31.496	33.975	5.5316	2.50092	0.00036	42.9865	250.000
0.9211	3316	42.9865	24.320	37.00	41.250	728.112	17.782	-5.206	23.292	3.792	8.032	31.496	33.975	5.5316	2.50069	0.00036	42.9869	250.000
0.9214	3317	42.9869	24.320	37.00	41.250	728.314	17.787	-5.206	23.293	3.792	8.032	31.496	33.975	5.5316	2.50047	0.00036	42.9872	250.000
0.9217	3318	42.9872	24.321	37.00	41.250	728.516	17.792	-5.206	23.294	3.793	8.032	31.496	33.975	5.5316	2.50024	0.00036	42.9876	250.000
0.9219	3319	42.9876	24.321	37.00	41.250	728.718	17.797	-5.206	23.296	3.793	8.032	31.496	33.975	5.5316	2.50002	0.00036	42.9879	250.000
0.9222	3320	42.9879	24.321	37.00	41.250	728.920	17.802	-5.206	23.297	3.793	8.031	31.496	33.975	5.5316	2.49979	0.00036	42.9883	250.000
0.9225	3321	42.9883	24.322	37.00	41.250	729.122	17.807	-5.206	23.299	3.793	8.031	31.496	33.975	5.5316	2.49956	0.00036	42.9887	250.000
0.9228	3322	42.9887	24.322	37.00	41.250	729.324	17.812	-5.206	23.300	3.794	8.031	31.496	33.975	5.5316	2.49934	0.00036	42.9890	250.000
0.9231	3323	42.9890	24.322	37.00	41.250	729.526	17.816	-5.206	23.301	3.794	8.031	31.496	33.975	5.5316	2.49911	0.00036	42.9894	250.000
0.9233	3324	42.9894	24.323	37.00	41.250	729.728	17.821	-5.206	23.303	3.794	8.030	31.496	33.975	5.5316	2.49888	0.00036	42.9897	250.000
0.9236	3325	42.9897	24.323	37.00	41.250	729.930	17.826	-5.206	23.304	3.794	8.030	31.496	33.975	5.5316	2.49866	0.00036	42.9901	250.000
0.9239	3326	42.9901	24.323	37.00	41.250	730.132	17.831	-5.206	23.305	3.794	8.030	31.496	33.975	5.5316	2.49843	0.00036	42.9904	250.000
0.9242	3327	42.9904	24.324	37.00	41.250	730.334	17.836	-5.206	23.307	3.795	8.030	31.496	33.975	5.5316	2.49821	0.00036	42.9908	250.000
0.9244	3328	42.9908	24.324	37.00	41.250	730.536	17.841	-5.206	23.308	3.795	8.030	31.496	33.975	5.5316	2.49798	0.00036	42.9912	250.000
0.9247	3329	42.9912	24.325	37.00	41.250	730.738	17.846	-5.206	23.310	3.795	8.029	31.496	33.975	5.5316	2.49775	0.00036	42.9915	250.000
0.9250	3330	42.9915	24.325	37.00	41.250	730.940	17.851	-5.206	23.311	3.795	8.029	31.496	33.975	5.5316	2.49753	0.00036	42.9919	250.000
0.9253	3331	42.9919	24.325	37.00	41.250	731.142	17.856	-5.206	23.312	3.796	8.029	31.496	33.975	5.5316	2.49730	0.00036	42.9922	250.000
0.9256	3332	42.9922	24.326	37.00	41.250	731.344	17.861	-5.206	23.314	3.796	8.029	31.496	33.975	5.5316	2.49708	0.00036	42.9926	250.000
0.9258	3333	42.9926	24.326	37.00	41.250	731.546	17.866	-5.206	23.315	3.796	8.028	31.496	33.975	5.5316	2.49685	0.00036	42.9929	250.000
0.9261	3334	42.9929	24.326	37.00	41.250	731.748	17.871	-5.206	23.317	3.796	8.028	31.496	33.975	5.5316	2.49662	0.00036	42.9933	250.000
0.9264	3335	42.9933	24.327	37.00	41.250	731.950	17.876	-5.206	23.318	3.796	8.028	31.496	33.975	5.5316	2.49640	0.00036	42.9937	250.000
0.9267	3336	42.9937	24.327	37.00	41.250	732.152	17.881	-5.206	23.319	3.797	8.028	31.496	33.975	5.5316	2.49617	0.00036	42.9940	250.000
0.9269	3337	42.9940	24.327	37.00	41.250	732.354	17.886	-5.206	23.321	3.797	8.027	31.496	33.975	5.5316	2.49595	0.00036	42.9944	250.000
0.9272	3338	42.9944	24.328	37.00	41.250	732.556	17.890	-5.206	23.322	3.797	8.027	31.496	33.975	5.5316	2.49572	0.00036	42.9947	250.000
0.9275	3339	42.9947	24.328	37.00	41.250	732.758	17.895	-5.206	23.324	3.797	8.027	31.496	33.975	5.5316	2.49549	0.00036	42.9951	250.000
0.9278	3340	42.9951	24.328	37.00	41.250	732.960	17.900	-5.206	23.325	3.798	8.027	31.496	33.975	5.5316	2.49527	0.00036	42.9954	250.000
0.9281	3341	42.9954	24.329	37.00	41.250	733.162	17.905	-5.206	23.326	3.798	8.027	31.496	33.975	5.5316	2.49504	0.00036	42.9958	250.000
0.9283	3342	42.9958	24.329	37.00	41.250	733.364	17.910	-5.206	23.328	3.798	8.026	31.496	33.975	5.5316	2.49482	0.00036	42.9962	250.000
0.9286	3343	42.9962	24.330	37.00	41.250	733.566	17.915	-5.206	23.329	3.798	8.026	31.496	33.975	5.5316	2.49459	0.00036	42.9965	250.000
0.9289	3344	42.9965	24.330	37.00	41.250	733.768	17.920	-5.206	23.330	3.799	8.026	31.496	33.975	5.5316	2.49437	0.00036	42.9969	250.000
0.9292	3345	42.9969	24.330	37.00	41.250	733.971	17.925	-5.206	23.332	3.799	8.026	31.496	33.975	5.5316	2.49414	0.00036	42.9972	250.000
0.9294	3346	42.9972	24.331	37.00	41.250	734.173	17.930	-5.206	23.333	3.799	8.025	31.496	33.975	5.5316	2.49391	0.00036	42.9976	250.000
0.9297	3347	42.9976	24.331	37.00	41.250	734.375	17.935	-5.206	23.335	3.799	8.025	31.496	33.975	5.5316	2.49369	0.00036	42.9979	250.000
0.9300	3348	42.9979	24.331	37.00	41.250	734.577	17.940	-5.206	23.336	3.799	8.025	31.496	33.975	5.5316	2.49346	0.00036	42.9983	250.000
0.9303	3349	42.9983	24.332	37.00	41.250	734.779	17.945	-5.206	23.337	3.800	8.025	31.496	33.975	5.5316	2.49324	0.00036	42.9986	250.000
0.9306	3350	42.9986	24.332	37.00	41.250	734.981	17.950	-5.206	23.339	3.800	8.025	31.496	33.975	5.5316	2.49301	0.00036	42.9990	250.000
0.9308	3351	42.9990	24.332	37.00	41.250	735.183	17.955	-5.206	23.340	3.800	8.024	31.496	33.975	5.5316	2.49279	0.00036	42.9994	250.000
0.9311	3352	42.9994	24.333	37.00	41.250	735.385	17.960	-5.206	23.342	3.800	8.024	31.496	33.975	5.5316	2.49256	0.00036	42.9997	250.000
0.9314	3353	42.9997	24.333	37.00	41.250	735.587	17.965	-5.206	23.343	3.801	8.024	31.496	33.975	5.5316	2.49233	0.00036	43.0001	250.000
0.9317	3354	43.0001	24.333	37.00	41.250	735.789	17.969	-5.206	23.344	3.801	8.024	31.496	33.975	5.5316	2.49211	0.00036	43.0004	250.000
0.9319	3355	43.0004	24.334	37.00	41.250	735.991	17.974	-5.206	23.346	3.801	8.023	31.496	33.975	5.5316	2.49188	0.00036	43.0008	250.000
0.9322	3356	43.0008	24.334	37.00	41.250	736.193	17.979	-5.206	23.347	3.801	8.023	31.496	33.975	5.5316	2.49166	0.00036	43.0011	250.000
0.9325	3357	43.0011	24.335	37.00	41.250	736.395	17.984	-5.206	23.348	3.801	8.023	31.496	33.975	5.5316	2.49143	0.00036	43.0015	250.000
0.9328	3358	43.0015	24.335	37.00	41.250	736.597	17.989	-5.206	23.350	3.802	8.023	31.496	33.975	5.5316	2.49121	0.00036	43.0019	250.000
0.9331	3359	43.0019	24.335	37.00	41.250	736.799	17.994	-5.206	23.351	3.802	8.023	31.496	33.975	5.5316	2.49098	0.00036	43.0022	250.000
0.9333	3360	43.0022	24.336	37.00	41.250	737.001	17.999	-5.206	23.353	3.802	8.022	31.496	33.975	5.5316	2.49076	0.00036	43.0026	250.000
0.9336	3361	43.0026	24.336	37.00	41.250	737.203	18.004	-5.206	23.354	3.802	8.022	31.496	33.975	5.5316	2.49053	0.00036	43.0029	250.000
0.9339	3362	43.0029	24.336	37.00	41.250	737.405	18.009	-5.206	23.355	3.803	8.022	31.496	33.975	5.5316	2.49031	0.00036	43.0033	250.000
0.9342	3363	43.0033	24.337	37.00	41.250	737.607	18.014	-5.206	23.357	3.803	8.022	31.496	33.975	5.5316	2.49008	0.00036	43.0036	250.000
0.9344	3364	43.0036	24.337	37.00	41.250	737.809	18.019	-5.206	23.358	3.803	8.021	31.496	33.975	5.5316	2.48985	0.00036	43.0040	250.000
0.9347	3365	43.0040	24.337	37.00	41.250	738.011	18.024	-5.206	23.360	3.803	8.021	31.496	33.975	5.5316	2.48963	0.00036	43.0043	250.000
0.9350	3366	43.0043	24.338	37.00	41.250	738.213	18.029	-5.206	23.361	3.803	8.021	31.496	33.975	5.5316	2.48940	0.00036	43.0047	250.000
0.9353	3367	43.0047	24.338	37.00	41.250	738.415	18.034	-5.206	23.362	3.804	8.021	31.496	33.975	5.5316	2.48918	0.00036	43.0051	250.000

0.9356	3368	43.0051	24.338	37.00	41.250	738.617	18.039	-5.206	23.364	3.804	8.021	31.496	33.975	5.5316	2.48895	0.00036	43.0054	250.000
0.9358	3369	43.0054	24.339	37.00	41.250	738.819	18.043	-5.206	23.365	3.804	8.020	31.496	33.975	5.5316	2.48873	0.00036	43.0058	250.000
0.9361	3370	43.0058	24.339	37.00	41.250	739.021	18.048	-5.206	23.366	3.804	8.020	31.496	33.975	5.5316	2.48850	0.00036	43.0061	250.000
0.9364	3371	43.0061	24.340	37.00	41.250	739.223	18.053	-5.206	23.368	3.805	8.020	31.496	33.975	5.5316	2.48828	0.00036	43.0065	250.000
0.9367	3372	43.0065	24.340	37.00	41.250	739.425	18.058	-5.206	23.369	3.805	8.020	31.496	33.975	5.5316	2.48805	0.00036	43.0068	250.000
0.9369	3373	43.0068	24.340	37.00	41.250	739.627	18.063	-5.206	23.371	3.805	8.019	31.496	33.975	5.5316	2.48783	0.00036	43.0072	250.000
0.9372	3374	43.0072	24.341	37.00	41.250	739.829	18.068	-5.206	23.372	3.805	8.019	31.496	33.975	5.5316	2.48760	0.00036	43.0075	250.000
0.9375	3375	43.0075	24.341	37.00	41.250	740.031	18.073	-5.206	23.373	3.805	8.019	31.496	33.975	5.5316	2.48738	0.00036	43.0079	250.000
0.9378	3376	43.0079	24.341	37.00	41.250	740.233	18.078	-5.206	23.375	3.806	8.019	31.496	33.975	5.5316	2.48715	0.00036	43.0083	250.000
0.9381	3377	43.0083	24.342	37.00	41.250	740.435	18.083	-5.206	23.376	3.806	8.018	31.496	33.975	5.5316	2.48693	0.00036	43.0086	250.000
0.9383	3378	43.0086	24.342	37.00	41.250	740.638	18.088	-5.206	23.378	3.806	8.018	31.496	33.975	5.5316	2.48670	0.00036	43.0090	250.000
0.9386	3379	43.0090	24.342	37.00	41.250	740.840	18.093	-5.206	23.379	3.806	8.018	31.496	33.975	5.5316	2.48648	0.00036	43.0093	250.000
0.9389	3380	43.0093	24.343	37.00	41.250	741.042	18.098	-5.206	23.380	3.807	8.018	31.496	33.975	5.5316	2.48625	0.00036	43.0097	250.000
0.9392	3381	43.0097	24.343	37.00	41.250	741.244	18.103	-5.206	23.382	3.807	8.018	31.496	33.975	5.5316	2.48603	0.00036	43.0100	250.000
0.9394	3382	43.0100	24.343	37.00	41.250	741.446	18.108	-5.206	23.383	3.807	8.017	31.496	33.975	5.5316	2.48580	0.00036	43.0104	250.000
0.9397	3383	43.0104	24.344	37.00	41.250	741.648	18.113	-5.206	23.384	3.807	8.017	31.496	33.975	5.5316	2.48558	0.00036	43.0107	250.000
0.9400	3384	43.0107	24.344	37.00	41.250	741.850	18.117	-5.206	23.386	3.808	8.017	31.496	33.975	5.5316	2.48535	0.00036	43.0111	250.000
0.9403	3385	43.0111	24.344	37.00	41.250	742.052	18.122	-5.206	23.387	3.808	8.017	31.496	33.975	5.5316	2.48513	0.00036	43.0114	250.000
0.9406	3386	43.0114	24.345	37.00	41.250	742.254	18.127	-5.206	23.389	3.808	8.016	31.496	33.975	5.5316	2.48490	0.00035	43.0118	250.000
0.9408	3387	43.0118	24.345	37.00	41.250	742.456	18.132	-5.206	23.390	3.808	8.016	31.496	33.975	5.5316	2.48468	0.00035	43.0122	250.000
0.9411	3388	43.0122	24.346	37.00	41.250	742.658	18.137	-5.206	23.391	3.808	8.016	31.496	33.975	5.5316	2.48445	0.00035	43.0125	250.000
0.9414	3389	43.0125	24.346	37.00	41.250	742.860	18.142	-5.206	23.393	3.809	8.016	31.496	33.975	5.5316	2.48423	0.00035	43.0129	250.000
0.9417	3390	43.0129	24.346	37.00	41.250	743.062	18.147	-5.206	23.394	3.809	8.016	31.496	33.975	5.5316	2.48400	0.00035	43.0132	250.000
0.9419	3391	43.0132	24.347	37.00	41.250	743.264	18.152	-5.206	23.395	3.809	8.015	31.496	33.975	5.5316	2.48378	0.00035	43.0136	250.000
0.9422	3392	43.0136	24.347	37.00	41.250	743.466	18.157	-5.206	23.397	3.809	8.015	31.496	33.975	5.5316	2.48355	0.00035	43.0139	250.000
0.9425	3393	43.0139	24.347	37.00	41.250	743.668	18.162	-5.206	23.398	3.810	8.015	31.496	33.975	5.5316	2.48333	0.00035	43.0143	250.000
0.9428	3394	43.0143	24.348	37.00	41.250	743.870	18.167	-5.206	23.400	3.810	8.015	31.496	33.975	5.5316	2.48310	0.00035	43.0146	250.000
0.9431	3395	43.0146	24.348	37.00	41.250	744.072	18.172	-5.206	23.401	3.810	8.014	31.496	33.975	5.5316	2.48288	0.00035	43.0150	250.000
0.9433	3396	43.0150	24.348	37.00	41.250	744.274	18.177	-5.206	23.402	3.810	8.014	31.496	33.975	5.5316	2.48265	0.00035	43.0154	250.000
0.9436	3397	43.0154	24.349	37.00	41.250	744.476	18.182	-5.206	23.404	3.810	8.014	31.496	33.975	5.5316	2.48243	0.00035	43.0157	250.000
0.9439	3398	43.0157	24.349	37.00	41.250	744.678	18.187	-5.206	23.405	3.811	8.014	31.496	33.975	5.5316	2.48221	0.00035	43.0161	250.000
0.9442	3399	43.0161	24.349	37.00	41.250	744.880	18.191	-5.206	23.407	3.811	8.014	31.496	33.975	5.5316	2.48198	0.00035	43.0164	250.000
0.9444	3400	43.0164	24.350	37.00	41.250	745.082	18.196	-5.206	23.408	3.811	8.013	31.496	33.975	5.5316	2.48176	0.00035	43.0168	250.000
0.9447	3401	43.0168	24.350	37.00	41.250	745.284	18.201	-5.206	23.409	3.811	8.013	31.496	33.975	5.5316	2.48153	0.00035	43.0171	250.000
0.9450	3402	43.0171	24.351	37.00	41.250	745.486	18.206	-5.206	23.411	3.812	8.013	31.496	33.975	5.5316	2.48131	0.00035	43.0175	250.000
0.9453	3403	43.0175	24.351	37.00	41.250	745.688	18.211	-5.206	23.412	3.812	8.013	31.496	33.975	5.5316	2.48108	0.00035	43.0178	250.000
0.9456	3404	43.0178	24.351	37.00	41.250	745.890	18.216	-5.206	23.413	3.812	8.012	31.496	33.975	5.5316	2.48086	0.00035	43.0182	250.000
0.9458	3405	43.0182	24.352	37.00	41.250	746.092	18.221	-5.206	23.415	3.812	8.012	31.496	33.975	5.5316	2.48063	0.00035	43.0185	250.000
0.9461	3406	43.0185	24.352	37.00	41.250	746.294	18.226	-5.206	23.416	3.812	8.012	31.496	33.975	5.5316	2.48041	0.00035	43.0189	250.000
0.9464	3407	43.0189	24.352	37.00	41.250	746.496	18.231	-5.206	23.418	3.813	8.012	31.496	33.975	5.5316	2.48018	0.00035	43.0193	250.000
0.9467	3408	43.0193	24.353	37.00	41.250	746.698	18.236	-5.206	23.419	3.813	8.012	31.496	33.975	5.5316	2.47996	0.00035	43.0196	250.000
0.9469	3409	43.0196	24.353	37.00	41.250	746.900	18.241	-5.206	23.420	3.813	8.011	31.496	33.975	5.5316	2.47974	0.00035	43.0200	250.000
0.9472	3410	43.0200	24.353	37.00	41.250	747.102	18.246	-5.206	23.422	3.813	8.011	31.496	33.975	5.5316	2.47951	0.00035	43.0203	250.000
0.9475	3411	43.0203	24.354	37.00	41.250	747.305	18.251	-5.206	23.423	3.814	8.011	31.496	33.975	5.5316	2.47929	0.00035	43.0207	250.000
0.9478	3412	43.0207	24.354	37.00	41.250	747.507	18.256	-5.206	23.424	3.814	8.011	31.496	33.975	5.5316	2.47906	0.00035	43.0210	250.000
0.9481	3413	43.0210	24.354	37.00	41.250	747.709	18.261	-5.206	23.426	3.814	8.010	31.496	33.975	5.5316	2.47884	0.00035	43.0214	250.000
0.9483	3414	43.0214	24.355	37.00	41.250	747.911	18.265	-5.206	23.427	3.814	8.010	31.496	33.975	5.5316	2.47861	0.00035	43.0217	250.000
0.9486	3415	43.0217	24.355	37.00	41.250	748.113	18.270	-5.206	23.429	3.814	8.010	31.496	33.975	5.5316	2.47839	0.00035	43.0221	250.000
0.9489	3416	43.0221	24.355	37.00	41.250	748.315	18.275	-5.206	23.430	3.815	8.010	31.496	33.975	5.5316	2.47817	0.00035	43.0224	250.000
0.9492	3417	43.0224	24.356	37.00	41.250	748.517	18.280	-5.206	23.431	3.815	8.009	31.496	33.975	5.5316	2.47794	0.00035	43.0228	250.000
0.9494	3418	43.0228	24.356	37.00	41.250	748.719	18.285	-5.206	23.433	3.815	8.009	31.496	33.975	5.5316	2.47772	0.00035	43.0231	250.000
0.9497	3419	43.0231	24.357	37.00	41.250	748.921	18.290	-5.206	23.434	3.815	8.009	31.496	33.975	5.5316	2.47749	0.00035	43.0235	250.000
0.9500	3420	43.0235	24.357	37.00	41.250	749.123	18.295	-5.206	23.435	3.816	8.009	31.496	33.975	5.5316	2.47727	0.00035	43.0239	250.000
0.9503	3421	43.0239	24.357	37.00	41.250	749.325	18.300	-5.206	23.437	3.816	8.009	31.496	33.975	5.5316	2.47704	0.00035	43.0242	250.000
0.9506	3422	43.0242	24.358	37.00	41.250	749.527	18.305	-5.206	23.438	3.816	8.008	31.496	33.975	5.5316	2.47682	0.00035	43.0246	250.000
0.9508	3423	43.0246	24.358	37.00	41.250	749.729	18.310	-5.206	23.440	3.816	8.008	31.496	33.975	5.5316	2.47660	0.00035	43.0249	250.000
0.9511	3424	43.0249	24.358	37.00	41.250	749.931	18.315	-5.206	23.441	3.817	8.008	31.496	33.975	5.5316	2.47637	0.00035	43.0253	250.000
0.9514	3425	43.0253	24.359	37.00	41.250	750.133	18.320	-5.206	23.442	3.817	8.008	31.496	33.975	5.5316	2.47615	0.00035	43.0256	250.000
0.9517	3426	43.0256	24.359	37.00	41.250	750.335	18.325	-5.206	23.444	3.817	8.007	31.496	33.975	5.5316	2.47592	0.00035	43.0260	250.000
0.9519	3427	43.0260	24.359	37.00	41.250	750.537	18.330	-5.206	23.445	3.817	8.007	31.496	33.975	5.5316	2.47570	0.00035	43.0263	250.000
0.9522	3428	43.0263	24.360	37.00	41.250	750.739	18.335	-5.206	23.446	3.817	8.007	31.496	33.975	5.5316	2.47548	0.00035	43.0267	250.000
0.9525	3429	43.0267	24.360	37.00	41.250	750.941	18.339	-5.206	23.448	3.818	8.007	31.496	33.975	5.5316	2.47525	0.00035	43.0270	250.000
0.9528	3430	43.0270	24.360	37.00	41.250	751.143	18.344	-5.206	23.449	3.818	8.007	31.496	33.975	5.5316	2.47503	0.00035	43.0274	250.000
0.9531	3431	43.0274	24.361	37.00	41.250	751.345	18.349	-5.206	23.451	3.818	8.006	31.496	33.975	5.5316	2.47480	0.00035	43.0277	250.000
0.9533	3432	43.0277	24.361	37.00	41.250	751.547	18.354	-5.206	23.452	3.818	8.006	31.496	33.975	5.5316	2.47458	0.00035	43.0281	250.000
0.9536	3433	43.0281	24.361	37.00	41.250	751.749	18.359	-5.206	23.453	3.819	8.006	31.496	33.975	5.5316	2.47436	0.00035	43.0285	250.000
0.9539	3434	43.0285	24.362	37.00	41.250	751.951	18.364	-5.206	23.455	3.819	8.006	31.496	33.975	5.5316	2.47413	0.00035	43.0288	250.000
0.9542	3435	43.0288	24.362	37.00	41.250	752.153	18.369	-5.206	23.456	3.819	8.005	31.496	33.975	5.5316	2.47391	0.00035	43.0292	250.000
0.9544	3436	43.0292	24.363	37.00	41.250	752.355	18.374	-5.206	23.457	3.819	8.005	31.496	33.975	5.5316	2.47368	0.00035	43.0295	250.000
0.9547	3437	43.0295	24.363	37.00	41.250	752.557	18.379	-5.206	23.459	3.819	8.005	31.496	33.975	5.5316	2.47346	0.00035	43.0299	250.000
0.9550	3438	43.0299	24.363	37.00	41.250	752.759	18.384	-5.206	23.460	3.820	8.005	31.496	33.975	5.5316	2.47324	0.00035	43.0302	250.000
0.9553	3439	43.0302	24.364	37.00	41.250	752.961	18.389	-5.206	23.462	3.820	8.005	31.496	33.975	5.5316	2.47301	0.00035	43.0306	250.000
0.9556	3440	43.0306	24.364	37.00	41.250	753.163	18.394	-5.206	23.463	3.820	8.004	31.496	33.975	5.5316	2.47279	0.00035	43.0309	250.000
0.9558	3441	43.0309	24.364	37.00	41.250	753.365	18.399	-5.206	23.464	3.820	8.004	31.496	33.975	5.5316	2.47257	0.00035	43.0313	250.000
0.9561	3442	43.0313	24.365	37.00	41.250	753.567	18.404	-5.206	23.466	3.821	8.004	31.496	33.975	5.5316	2.47234	0.00035	43.0316	250.000
0.9564	3443	43.0316	24.365	37.00	41.250	753.769	18.409	-5.206	23.467	3.821	8.004	31.496	33.975	5.5316	2.47212	0.00035	43.0320	250.000
0.9567	3444	43.0320	24.365	37.00	41.250	753.971	18.413	-5.206	23.468	3.821	8.003	31.496	33.975	5.5316	2.47189	0.00035	43.0323	250.000
0.9569	3445	43.0323	24.366	37.00	41.250	754.174	18.418	-5.206	23.470	3.821	8.003	31.496	33.975	5.5316	2.47167	0.00035	43.0327	250.000
0.9572	3446	43.0327	24.366	37.00	41.250	754.376	18.423	-5.206	23.471	3.821	8.003	31.496	33.975	5.5316	2.47145	0.00035	43.0330	250.000
0.9575	3447	43.0330	24.366	37.00	41.250	754.578	18.428	-5.206	23.473	3.822	8.003	31.496	33.975	5.5316	2.47122	0.00035	43.0334	250.000
0.9578	3448	43.0334	24.367	37.00	41.250	754.780	18.433	-5.206	23.474	3.822	8.003	31.496	33.975	5.5316	2.47100	0.00035	43.0338	250.000

0.9581	3449	43.0338	24.367	37.00	41.250	754.982	18.438	-5.206	23.475	3.822	8.002	31.496	33.975	5.5316	2.47078	0.00035	43.0341	250.000
0.9583	3450	43.0341	24.367	37.00	41.250	755.184	18.443	-5.206	23.477	3.822	8.002	31.496	33.975	5.5316	2.47055	0.00035	43.0345	250.000
0.9586	3451	43.0345	24.368	37.00	41.250	755.386	18.448	-5.206	23.478	3.823	8.002	31.496	33.975	5.5316	2.47033	0.00035	43.0348	250.000
0.9589	3452	43.0348	24.368	37.00	41.250	755.588	18.453	-5.206	23.479	3.823	8.002	31.496	33.975	5.5316	2.47010	0.00035	43.0352	250.000
0.9592	3453	43.0352	24.369	37.00	41.250	755.790	18.458	-5.206	23.481	3.823	8.001	31.496	33.975	5.5316	2.46988	0.00035	43.0355	250.000
0.9594	3454	43.0355	24.369	37.00	41.250	755.992	18.463	-5.206	23.482	3.823	8.001	31.496	33.975	5.5316	2.46966	0.00035	43.0359	250.000
0.9597	3455	43.0359	24.369	37.00	41.250	756.194	18.468	-5.206	23.484	3.823	8.001	31.496	33.975	5.5316	2.46943	0.00035	43.0362	250.000
0.9600	3456	43.0362	24.370	37.00	41.250	756.396	18.473	-5.206	23.485	3.824	8.001	31.496	33.975	5.5316	2.46921	0.00035	43.0366	250.000
0.9603	3457	43.0366	24.370	37.00	41.250	756.598	18.478	-5.206	23.486	3.824	8.001	31.496	33.975	5.5316	2.46899	0.00035	43.0369	250.000
0.9606	3458	43.0369	24.370	37.00	41.250	756.800	18.483	-5.206	23.488	3.824	8.000	31.496	33.975	5.5316	2.46876	0.00035	43.0373	250.000
0.9608	3459	43.0373	24.371	37.00	41.250	757.002	18.488	-5.206	23.489	3.824	8.000	31.496	33.975	5.5316	2.46854	0.00035	43.0376	250.000
0.9611	3460	43.0376	24.371	37.00	41.250	757.204	18.492	-5.206	23.490	3.825	8.000	31.496	33.975	5.5316	2.46832	0.00035	43.0380	250.000
0.9614	3461	43.0380	24.371	37.00	41.250	757.406	18.497	-5.206	23.492	3.825	8.000	31.496	33.975	5.5316	2.46809	0.00035	43.0383	250.000
0.9617	3462	43.0383	24.372	37.00	41.250	757.608	18.502	-5.206	23.493	3.825	7.999	31.496	33.975	5.5316	2.46787	0.00035	43.0387	250.000
0.9619	3463	43.0387	24.372	37.00	41.250	757.810	18.507	-5.206	23.495	3.825	7.999	31.496	33.975	5.5316	2.46765	0.00035	43.0390	250.000
0.9622	3464	43.0390	24.372	37.00	41.250	758.012	18.512	-5.206	23.496	3.825	7.999	31.496	33.975	5.5316	2.46742	0.00035	43.0394	250.000
0.9625	3465	43.0394	24.373	37.00	41.250	758.214	18.517	-5.206	23.497	3.826	7.999	31.496	33.975	5.5316	2.46720	0.00035	43.0397	250.000
0.9628	3466	43.0397	24.373	37.00	41.250	758.416	18.522	-5.206	23.499	3.826	7.999	31.496	33.975	5.5316	2.46698	0.00035	43.0401	250.000
0.9631	3467	43.0401	24.373	37.00	41.250	758.618	18.527	-5.206	23.500	3.826	7.998	31.496	33.975	5.5316	2.46675	0.00035	43.0405	250.000
0.9633	3468	43.0405	24.374	37.00	41.250	758.820	18.532	-5.206	23.501	3.826	7.998	31.496	33.975	5.5316	2.46653	0.00035	43.0408	250.000
0.9636	3469	43.0408	24.374	37.00	41.250	759.022	18.537	-5.206	23.503	3.827	7.998	31.496	33.975	5.5316	2.46631	0.00035	43.0412	250.000
0.9639	3470	43.0412	24.375	37.00	41.250	759.224	18.542	-5.206	23.504	3.827	7.998	31.496	33.975	5.5316	2.46608	0.00035	43.0415	250.000
0.9642	3471	43.0415	24.375	37.00	41.250	759.426	18.547	-5.206	23.506	3.827	7.997	31.496	33.975	5.5316	2.46586	0.00035	43.0419	250.000
0.9644	3472	43.0419	24.375	37.00	41.250	759.628	18.552	-5.206	23.507	3.827	7.997	31.496	33.975	5.5316	2.46564	0.00035	43.0422	250.000
0.9647	3473	43.0422	24.376	37.00	41.250	759.830	18.557	-5.206	23.508	3.827	7.997	31.496	33.975	5.5316	2.46542	0.00035	43.0426	250.000
0.9650	3474	43.0426	24.376	37.00	41.250	760.032	18.562	-5.206	23.510	3.828	7.997	31.496	33.975	5.5316	2.46519	0.00035	43.0429	250.000
0.9653	3475	43.0429	24.376	37.00	41.250	760.234	18.566	-5.206	23.511	3.828	7.997	31.496	33.975	5.5316	2.46497	0.00035	43.0433	250.000
0.9656	3476	43.0433	24.377	37.00	41.250	760.436	18.571	-5.206	23.512	3.828	7.996	31.496	33.975	5.5316	2.46475	0.00035	43.0436	250.000
0.9658	3477	43.0436	24.377	37.00	41.250	760.638	18.576	-5.206	23.514	3.828	7.996	31.496	33.975	5.5316	2.46452	0.00035	43.0440	250.000
0.9661	3478	43.0440	24.377	37.00	41.250	760.841	18.581	-5.206	23.515	3.829	7.996	31.496	33.975	5.5316	2.46430	0.00035	43.0443	250.000
0.9664	3479	43.0443	24.378	37.00	41.250	761.043	18.586	-5.206	23.516	3.829	7.996	31.496	33.975	5.5316	2.46408	0.00035	43.0447	250.000
0.9667	3480	43.0447	24.378	37.00	41.250	761.245	18.591	-5.206	23.518	3.829	7.995	31.496	33.975	5.5316	2.46385	0.00035	43.0450	250.000
0.9669	3481	43.0450	24.378	37.00	41.250	761.447	18.596	-5.206	23.519	3.829	7.995	31.496	33.975	5.5316	2.46363	0.00035	43.0454	250.000
0.9672	3482	43.0454	24.379	37.00	41.250	761.649	18.601	-5.206	23.521	3.829	7.995	31.496	33.975	5.5316	2.46341	0.00035	43.0457	250.000
0.9675	3483	43.0457	24.379	37.00	41.250	761.851	18.606	-5.206	23.522	3.830	7.995	31.496	33.975	5.5316	2.46318	0.00035	43.0461	250.000
0.9678	3484	43.0461	24.379	37.00	41.250	762.053	18.611	-5.206	23.523	3.830	7.995	31.496	33.975	5.5316	2.46296	0.00035	43.0464	250.000
0.9681	3485	43.0464	24.380	37.00	41.250	762.255	18.616	-5.206	23.525	3.830	7.994	31.496	33.975	5.5316	2.46274	0.00035	43.0468	250.000
0.9683	3486	43.0468	24.380	37.00	41.250	762.457	18.621	-5.206	23.526	3.830	7.994	31.496	33.975	5.5316	2.46252	0.00035	43.0471	250.000
0.9686	3487	43.0471	24.381	37.00	41.250	762.659	18.626	-5.206	23.527	3.831	7.994	31.496	33.975	5.5316	2.46229	0.00035	43.0475	250.000
0.9689	3488	43.0475	24.381	37.00	41.250	762.861	18.631	-5.206	23.529	3.831	7.994	31.496	33.975	5.5316	2.46207	0.00035	43.0478	250.000
0.9692	3489	43.0478	24.381	37.00	41.250	763.063	18.636	-5.206	23.530	3.831	7.993	31.496	33.975	5.5316	2.46185	0.00035	43.0482	250.000
0.9694	3490	43.0482	24.382	37.00	41.250	763.265	18.640	-5.206	23.532	3.831	7.993	31.496	33.975	5.5316	2.46163	0.00035	43.0485	250.000
0.9697	3491	43.0485	24.382	37.00	41.250	763.467	18.645	-5.206	23.533	3.831	7.993	31.496	33.975	5.5316	2.46140	0.00035	43.0489	250.000
0.9700	3492	43.0489	24.382	37.00	41.250	763.669	18.650	-5.206	23.534	3.832	7.993	31.496	33.975	5.5316	2.46118	0.00035	43.0493	250.000
0.9703	3493	43.0493	24.383	37.00	41.250	763.871	18.655	-5.206	23.536	3.832	7.993	31.496	33.975	5.5316	2.46096	0.00035	43.0496	250.000
0.9706	3494	43.0496	24.383	37.00	41.250	764.073	18.660	-5.206	23.537	3.832	7.992	31.496	33.975	5.5316	2.46073	0.00035	43.0500	250.000
0.9708	3495	43.0500	24.383	37.00	41.250	764.275	18.665	-5.206	23.538	3.832	7.992	31.496	33.975	5.5316	2.46051	0.00035	43.0503	250.000
0.9711	3496	43.0503	24.384	37.00	41.250	764.477	18.670	-5.206	23.540	3.833	7.992	31.496	33.975	5.5316	2.46029	0.00035	43.0507	250.000
0.9714	3497	43.0507	24.384	37.00	41.250	764.679	18.675	-5.206	23.541	3.833	7.992	31.496	33.975	5.5316	2.46007	0.00035	43.0510	250.000
0.9717	3498	43.0510	24.384	37.00	41.250	764.881	18.680	-5.206	23.542	3.833	7.991	31.496	33.975	5.5316	2.45984	0.00035	43.0514	250.000
0.9719	3499	43.0514	24.385	37.00	41.250	765.083	18.685	-5.206	23.544	3.833	7.991	31.496	33.975	5.5316	2.45962	0.00035	43.0517	250.000
0.9722	3500	43.0517	24.385	37.00	41.250	765.285	18.690	-5.206	23.545	3.833	7.991	31.496	33.975	5.5316	2.45940	0.00035	43.0521	250.000
0.9725	3501	43.0521	24.385	37.00	41.250	765.487	18.695	-5.206	23.547	3.834	7.991	31.496	33.975	5.5316	2.45918	0.00035	43.0524	250.000
0.9728	3502	43.0524	24.386	37.00	41.250	765.689	18.700	-5.206	23.548	3.834	7.991	31.496	33.975	5.5316	2.45895	0.00035	43.0528	250.000
0.9731	3503	43.0528	24.386	37.00	41.250	765.891	18.705	-5.206	23.549	3.834	7.990	31.496	33.975	5.5316	2.45873	0.00035	43.0531	250.000
0.9733	3504	43.0531	24.387	37.00	41.250	766.093	18.710	-5.206	23.551	3.834	7.990	31.496	33.975	5.5316	2.45851	0.00035	43.0535	250.000
0.9736	3505	43.0535	24.387	37.00	41.250	766.295	18.714	-5.206	23.552	3.835	7.990	31.496	33.975	5.5316	2.45829	0.00035	43.0538	250.000
0.9739	3506	43.0538	24.387	37.00	41.250	766.497	18.719	-5.206	23.553	3.835	7.990	31.496	33.975	5.5316	2.45806	0.00035	43.0542	250.000
0.9742	3507	43.0542	24.388	37.00	41.250	766.699	18.724	-5.206	23.555	3.835	7.989	31.496	33.975	5.5316	2.45784	0.00035	43.0545	250.000
0.9744	3508	43.0545	24.388	37.00	41.250	766.901	18.729	-5.206	23.556	3.835	7.989	31.496	33.975	5.5316	2.45762	0.00035	43.0549	250.000
0.9747	3509	43.0549	24.388	37.00	41.250	767.103	18.734	-5.206	23.558	3.835	7.989	31.496	33.975	5.5316	2.45740	0.00035	43.0552	250.000
0.9750	3510	43.0552	24.389	37.00	41.250	767.305	18.739	-5.206	23.559	3.836	7.989	31.496	33.975	5.5316	2.45717	0.00035	43.0556	250.000
0.9753	3511	43.0556	24.389	37.00	41.250	767.507	18.744	-5.206	23.560	3.836	7.989	31.496	33.975	5.5316	2.45695	0.00035	43.0559	250.000
0.9756	3512	43.0559	24.389	37.00	41.250	767.710	18.749	-5.206	23.562	3.836	7.988	31.496	33.975	5.5316	2.45673	0.00035	43.0563	250.000
0.9758	3513	43.0563	24.390	37.00	41.250	767.912	18.754	-5.206	23.563	3.836	7.988	31.496	33.975	5.5316	2.45651	0.00035	43.0566	250.000
0.9761	3514	43.0566	24.390	37.00	41.250	768.114	18.759	-5.206	23.564	3.837	7.988	31.496	33.975	5.5316	2.45628	0.00035	43.0570	250.000
0.9764	3515	43.0570	24.390	37.00	41.250	768.316	18.764	-5.206	23.566	3.837	7.988	31.496	33.975	5.5316	2.45606	0.00035	43.0573	250.000
0.9767	3516	43.0573	24.391	37.00	41.250	768.518	18.769	-5.206	23.567	3.837	7.987	31.496	33.975	5.5316	2.45584	0.00035	43.0577	250.000
0.9769	3517	43.0577	24.391	37.00	41.250	768.720	18.774	-5.206	23.568	3.837	7.987	31.496	33.975	5.5316	2.45562	0.00035	43.0580	250.000
0.9772	3518	43.0580	24.391	37.00	41.250	768.922	18.779	-5.206	23.570	3.837	7.987	31.496	33.975	5.5316	2.45540	0.00035	43.0584	250.000
0.9775	3519	43.0584	24.392	37.00	41.250	769.124	18.784	-5.206	23.571	3.838	7.987	31.496	33.975	5.5316	2.45517	0.00035	43.0587	250.000
0.9778	3520	43.0587	24.392	37.00	41.250	769.326	18.788	-5.206	23.573	3.838	7.987	31.496	33.975	5.5316	2.45495	0.00035	43.0591	250.000
0.9781	3521	43.0591	24.392	37.00	41.250	769.528	18.793	-5.206	23.574	3.838	7.986	31.496	33.975	5.5316	2.45473	0.00035	43.0594	250.000
0.9783	3522	43.0594	24.393	37.00	41.250	769.730	18.798	-5.206	23.575	3.838	7.986	31.496	33.975	5.5316	2.45451	0.00035	43.0598	250.000
0.9786	3523	43.0598	24.393	37.00	41.250	769.932	18.803	-5.206	23.577	3.839	7.986	31.496	33.975	5.5316	2.45428	0.00035	43.0601	250.000
0.9789	3524	43.0601	24.394	37.00	41.250	770.134	18.808	-5.206	23.578	3.839	7.986	31.496	33.975	5.5316	2.45406	0.00035	43.0605	250.000
0.9792	3525	43.0605	24.394	37.00	41.250	770.336	18.813	-5.206	23.579	3.839	7.985	31.496	33.975	5.5316	2.45384	0.00035	43.0608	250.000
0.9794	3526	43.0608	24.394	37.00	41.250	770.538	18.818	-5.206	23.581	3.839	7.985	31.496	33.975	5.5316	2.45362	0.00035	43.0612	250.000
0.9797	3527	43.0612	24.395	37.00	41.250	770.740	18.823	-5.206	23.582	3.839	7.985	31.496	33.975	5.5316	2.45340	0.00035	43.0615	250.000
0.9800	3528	43.0615	24.395	37.00	41.250	770.942	18.828	-5.206	23.583	3.840	7.985	31.496	33.975	5.5316	2.45317	0.00035	43.0619	250.000
0.9803	3529	43.0619	24.395	37.00	41.250	771.144	18.833	-5.206	23.585	3.840	7.985	31.496	33.975	5.5316	2.45295	0.00035	43.0622	250.000

0.9806	3530	43.0622	24.396	37.00	41.250	771.346	18.838	-5.206	23.586	3.840	7.984	31.496	33.975	5.5316	2.45273	0.00035	43.0626	250.000
0.9808	3531	43.0626	24.396	37.00	41.250	771.548	18.843	-5.206	23.588	3.840	7.984	31.496	33.975	5.5316	2.45251	0.00035	43.0629	250.000
0.9811	3532	43.0629	24.396	37.00	41.250	771.750	18.848	-5.206	23.589	3.841	7.984	31.496	33.975	5.5316	2.45229	0.00035	43.0633	250.000
0.9814	3533	43.0633	24.397	37.00	41.250	771.952	18.853	-5.206	23.590	3.841	7.984	31.496	33.975	5.5316	2.45206	0.00035	43.0636	250.000
0.9817	3534	43.0636	24.397	37.00	41.250	772.154	18.858	-5.206	23.592	3.841	7.983	31.496	33.975	5.5316	2.45184	0.00035	43.0640	250.000
0.9819	3535	43.0640	24.397	37.00	41.250	772.356	18.862	-5.206	23.593	3.841	7.983	31.496	33.975	5.5316	2.45162	0.00035	43.0643	250.000
0.9822	3536	43.0643	24.398	37.00	41.250	772.558	18.867	-5.206	23.594	3.841	7.983	31.496	33.975	5.5316	2.45140	0.00035	43.0647	250.000
0.9825	3537	43.0647	24.398	37.00	41.250	772.760	18.872	-5.206	23.596	3.842	7.983	31.496	33.975	5.5316	2.45118	0.00035	43.0650	250.000
0.9828	3538	43.0650	24.398	37.00	41.250	772.962	18.877	-5.206	23.597	3.842	7.983	31.496	33.975	5.5316	2.45096	0.00035	43.0654	250.000
0.9831	3539	43.0654	24.399	37.00	41.250	773.164	18.882	-5.206	23.598	3.842	7.982	31.496	33.975	5.5316	2.45073	0.00035	43.0657	250.000
0.9833	3540	43.0657	24.399	37.00	41.250	773.366	18.887	-5.206	23.600	3.842	7.982	31.496	33.975	5.5316	2.45051	0.00035	43.0661	250.000
0.9836	3541	43.0661	24.399	37.00	41.250	773.568	18.892	-5.206	23.601	3.843	7.982	31.496	33.975	5.5316	2.45029	0.00035	43.0664	250.000
0.9839	3542	43.0664	24.400	37.00	41.250	773.770	18.897	-5.206	23.603	3.843	7.982	31.496	33.975	5.5316	2.45007	0.00035	43.0668	250.000
0.9842	3543	43.0668	24.400	37.00	41.250	773.972	18.902	-5.206	23.604	3.843	7.981	31.496	33.975	5.5316	2.44985	0.00035	43.0671	250.000
0.9844	3544	43.0671	24.401	37.00	41.250	774.174	18.907	-5.206	23.605	3.843	7.981	31.496	33.975	5.5316	2.44962	0.00035	43.0675	250.000
0.9847	3545	43.0675	24.401	37.00	41.250	774.377	18.912	-5.206	23.607	3.843	7.981	31.496	33.975	5.5316	2.44940	0.00035	43.0678	250.000
0.9850	3546	43.0678	24.401	37.00	41.250	774.579	18.917	-5.206	23.608	3.844	7.981	31.496	33.975	5.5316	2.44918	0.00035	43.0682	250.000
0.9853	3547	43.0682	24.402	37.00	41.250	774.781	18.922	-5.206	23.609	3.844	7.981	31.496	33.975	5.5316	2.44896	0.00035	43.0685	250.000
0.9856	3548	43.0685	24.402	37.00	41.250	774.983	18.927	-5.206	23.611	3.844	7.980	31.496	33.975	5.5316	2.44874	0.00035	43.0689	250.000
0.9858	3549	43.0689	24.402	37.00	41.250	775.185	18.932	-5.206	23.612	3.844	7.980	31.496	33.975	5.5316	2.44852	0.00035	43.0692	250.000
0.9861	3550	43.0692	24.403	37.00	41.250	775.387	18.936	-5.206	23.613	3.845	7.980	31.496	33.975	5.5316	2.44830	0.00035	43.0696	250.000
0.9864	3551	43.0696	24.403	37.00	41.250	775.589	18.941	-5.206	23.615	3.845	7.980	31.496	33.975	5.5316	2.44807	0.00035	43.0699	250.000
0.9867	3552	43.0699	24.403	37.00	41.250	775.791	18.946	-5.206	23.616	3.845	7.979	31.496	33.975	5.5316	2.44785	0.00035	43.0703	250.000
0.9869	3553	43.0703	24.404	37.00	41.250	775.993	18.951	-5.206	23.617	3.845	7.979	31.496	33.975	5.5316	2.44763	0.00035	43.0706	250.000
0.9872	3554	43.0706	24.404	37.00	41.250	776.195	18.956	-5.206	23.619	3.845	7.979	31.496	33.975	5.5316	2.44741	0.00035	43.0710	250.000
0.9875	3555	43.0710	24.404	37.00	41.250	776.397	18.961	-5.206	23.620	3.846	7.979	31.496	33.975	5.5316	2.44719	0.00035	43.0713	250.000
0.9878	3556	43.0713	24.405	37.00	41.250	776.599	18.966	-5.206	23.622	3.846	7.979	31.496	33.975	5.5316	2.44697	0.00035	43.0717	250.000
0.9881	3557	43.0717	24.405	37.00	41.250	776.801	18.971	-5.206	23.623	3.846	7.978	31.496	33.975	5.5316	2.44674	0.00035	43.0720	250.000
0.9883	3558	43.0720	24.405	37.00	41.250	777.003	18.976	-5.206	23.624	3.846	7.978	31.496	33.975	5.5316	2.44652	0.00035	43.0724	250.000
0.9886	3559	43.0724	24.406	37.00	41.250	777.205	18.981	-5.206	23.626	3.847	7.978	31.496	33.975	5.5316	2.44630	0.00035	43.0727	250.000
0.9889	3560	43.0727	24.406	37.00	41.250	777.407	18.986	-5.206	23.627	3.847	7.978	31.496	33.975	5.5316	2.44608	0.00035	43.0731	250.000
0.9892	3561	43.0731	24.406	37.00	41.250	777.609	18.991	-5.206	23.628	3.847	7.977	31.496	33.975	5.5316	2.44586	0.00035	43.0734	250.000
0.9894	3562	43.0734	24.407	37.00	41.250	777.811	18.996	-5.206	23.630	3.847	7.977	31.496	33.975	5.5316	2.44564	0.00035	43.0738	250.000
0.9897	3563	43.0738	24.407	37.00	41.250	778.013	19.001	-5.206	23.631	3.847	7.977	31.496	33.975	5.5316	2.44542	0.00035	43.0741	250.000
0.9900	3564	43.0741	24.408	37.00	41.250	778.215	19.006	-5.206	23.632	3.848	7.977	31.496	33.975	5.5316	2.44520	0.00035	43.0745	250.000
0.9903	3565	43.0745	24.408	37.00	41.250	778.417	19.011	-5.206	23.634	3.848	7.977	31.496	33.975	5.5316	2.44497	0.00035	43.0748	250.000
0.9906	3566	43.0748	24.408	37.00	41.250	778.619	19.015	-5.206	23.635	3.848	7.976	31.496	33.975	5.5316	2.44475	0.00035	43.0752	250.000
0.9908	3567	43.0752	24.409	37.00	41.250	778.821	19.020	-5.206	23.637	3.848	7.976	31.496	33.975	5.5316	2.44453	0.00035	43.0755	250.000
0.9911	3568	43.0755	24.409	37.00	41.250	779.023	19.025	-5.206	23.638	3.849	7.976	31.496	33.975	5.5316	2.44431	0.00035	43.0759	250.000
0.9914	3569	43.0759	24.409	37.00	41.250	779.225	19.030	-5.206	23.639	3.849	7.976	31.496	33.975	5.5316	2.44409	0.00035	43.0762	250.000
0.9917	3570	43.0762	24.410	37.00	41.250	779.427	19.035	-5.206	23.641	3.849	7.975	31.496	33.975	5.5316	2.44387	0.00035	43.0766	250.000
0.9919	3571	43.0766	24.410	37.00	41.250	779.629	19.040	-5.206	23.642	3.849	7.975	31.496	33.975	5.5316	2.44365	0.00035	43.0769	250.000
0.9922	3572	43.0769	24.410	37.00	41.250	779.831	19.045	-5.206	23.643	3.849	7.975	31.496	33.975	5.5316	2.44343	0.00035	43.0773	250.000
0.9925	3573	43.0773	24.411	37.00	41.250	780.033	19.050	-5.206	23.645	3.850	7.975	31.496	33.975	5.5316	2.44320	0.00035	43.0776	250.000
0.9928	3574	43.0776	24.411	37.00	41.250	780.235	19.055	-5.206	23.646	3.850	7.975	31.496	33.975	5.5316	2.44298	0.00035	43.0780	250.000
0.9931	3575	43.0780	24.411	37.00	41.250	780.437	19.060	-5.206	23.647	3.850	7.974	31.496	33.975	5.5316	2.44276	0.00035	43.0783	250.000
0.9933	3576	43.0783	24.412	37.00	41.250	780.639	19.065	-5.206	23.649	3.850	7.974	31.496	33.975	5.5316	2.44254	0.00035	43.0787	250.000
0.9936	3577	43.0787	24.412	37.00	41.250	780.841	19.070	-5.206	23.650	3.851	7.974	31.496	33.975	5.5316	2.44232	0.00035	43.0790	250.000
0.9939	3578	43.0790	24.412	37.00	41.250	781.044	19.075	-5.206	23.651	3.851	7.974	31.496	33.975	5.5316	2.44210	0.00035	43.0794	250.000
0.9942	3579	43.0794	24.413	37.00	41.250	781.246	19.080	-5.206	23.653	3.851	7.973	31.496	33.975	5.5316	2.44188	0.00035	43.0797	250.000
0.9944	3580	43.0797	24.413	37.00	41.250	781.448	19.085	-5.206	23.654	3.851	7.973	31.496	33.975	5.5316	2.44166	0.00035	43.0801	250.000
0.9947	3581	43.0801	24.413	37.00	41.250	781.650	19.089	-5.206	23.656	3.851	7.973	31.496	33.975	5.5316	2.44144	0.00035	43.0804	250.000
0.9950	3582	43.0804	24.414	37.00	41.250	781.852	19.094	-5.206	23.657	3.852	7.973	31.496	33.975	5.5316	2.44122	0.00035	43.0808	250.000
0.9953	3583	43.0808	24.414	37.00	41.250	782.054	19.099	-5.206	23.658	3.852	7.973	31.496	33.975	5.5316	2.44099	0.00035	43.0811	250.000
0.9956	3584	43.0811	24.415	37.00	41.250	782.256	19.104	-5.206	23.660	3.852	7.972	31.496	33.975	5.5316	2.44077	0.00035	43.0815	250.000
0.9958	3585	43.0815	24.415	37.00	41.250	782.458	19.109	-5.206	23.661	3.852	7.972	31.496	33.975	5.5316	2.44055	0.00035	43.0818	250.000
0.9961	3586	43.0818	24.415	37.00	41.250	782.660	19.114	-5.206	23.662	3.853	7.972	31.496	33.975	5.5316	2.44033	0.00035	43.0822	250.000
0.9964	3587	43.0822	24.416	37.00	41.250	782.862	19.119	-5.206	23.664	3.853	7.972	31.496	33.975	5.5316	2.44011	0.00035	43.0825	250.000
0.9967	3588	43.0825	24.416	37.00	41.250	783.064	19.124	-5.206	23.665	3.853	7.971	31.496	33.975	5.5316	2.43989	0.00035	43.0829	250.000
0.9969	3589	43.0829	24.416	37.00	41.250	783.266	19.129	-5.206	23.666	3.853	7.971	31.496	33.975	5.5316	2.43967	0.00035	43.0832	250.000
0.9972	3590	43.0832	24.417	37.00	41.250	783.468	19.134	-5.206	23.668	3.853	7.971	31.496	33.975	5.5316	2.43945	0.00035	43.0836	250.000
0.9975	3591	43.0836	24.417	37.00	41.250	783.670	19.139	-5.206	23.669	3.854	7.971	31.496	33.975	5.5316	2.43923	0.00035	43.0839	250.000
0.9978	3592	43.0839	24.417	37.00	41.250	783.872	19.144	-5.206	23.670	3.854	7.971	31.496	33.975	5.5316	2.43901	0.00035	43.0843	250.000
0.9981	3593	43.0843	24.418	37.00	41.250	784.074	19.149	-5.206	23.672	3.854	7.970	31.496	33.975	5.5316	2.43879	0.00035	43.0846	250.000
0.9983	3594	43.0846	24.418	37.00	41.250	784.276	19.154	-5.206	23.673	3.854	7.970	31.496	33.975	5.5316	2.43857	0.00035	43.0849	250.000
0.9986	3595	43.0849	24.418	37.00	41.250	784.478	19.159	-5.206	23.675	3.855	7.970	31.496	33.975	5.5316	2.43834	0.00035	43.0853	250.000
0.9989	3596	43.0853	24.419	37.00	41.250	784.680	19.163	-5.206	23.676	3.855	7.970	31.496	33.975	5.5316	2.43812	0.00035	43.0856	250.000
0.9992	3597	43.0856	24.419	37.00	41.250	784.882	19.168	-5.206	23.677	3.855	7.969	31.496	33.975	5.5316	2.43790	0.00035	43.0860	250.000
0.9994	3598	43.0860	24.419	37.00	41.250	785.084	19.173	-5.206	23.679	3.855	7.969	31.496	33.975	5.5316	2.43768	0.00035	43.0863	250.000
0.9997	3599	43.0863	24.420	37.00	41.250	785.286	19.178	-5.206	23.680	3.855	7.969	31.496	33.975	5.5316	2.43746	0.00035	43.0867	250.000
1.0000	3600	43.0867	24.420	37.00	41.250	785.488	19.183	-5.206	23.681	3.856	7.969	31.496	33.975	5.5316	2.43724	0.00035	43.0870	250.000
1.0003	3601	43.0870	24.420	37.00	41.250	785.690	19.188	-5.206	23.683	3.856	7.969	31.496	33.975	5.5316	2.43702	0.00035	43.0874	250.000
1.0006	3602	43.0874	24.421	37.00	41.250	785.892	19.193	-5.206	23.684	3.856	7.968	31.496	33.975	5.5316	2.43680	0.00035	43.0877	250.000
1.0008	3603	43.0877	24.421	37.00	41.250	786.094	19.198	-5.206	23.685	3.856	7.968	31.496	33.975	5.5316	2.43658	0.00035	43.0881	250.000
1.0011	3604	43.0881	24.421	37.00	41.250	786.296	19.203	-5.206	23.687	3.857	7.968	31.496	33.975	5.5316	2.43636	0.00035	43.0884	250.000
1.0014	3605	43.0884	24.422	37.00	41.250	786.498	19.208	-5.206	23.688	3.857	7.968	31.496	33.975	5.5316	2.43614	0.00035	43.0888	250.000
1.0017	3606	43.0888	24.422	37.00	41.250	786.700	19.213	-5.206	23.689	3.857	7.967	31.496	33.975	5.5316	2.43592	0.00035	43.0891	250.000
1.0019	3607	43.0891	24.423	37.00	41.250	786.902	19.218	-5.206	23.691	3.857	7.967	31.496	33.975	5.5316	2.43570	0.00035	43.0895	250.000
1.0022	3608	43.0895	24.423	37.00	41.250	787.104	19.223	-5.206	23.692	3.857	7.967	31.496	33.975	5.5316	2.43548	0.00035	43.0898	250.000
1.0025	3609	43.0898	24.423	37.00	41.250	787.306	19.228	-5.206	23.693	3.858	7.967	31.496	33.975	5.5316	2.43526	0.00035	43.0902	250.000
1.0028	3610	43.0902	24.424	37.00	41.250	787.508	19.233	-5.206	23.695	3.858	7.967	31.496	33.975	5.5316	2.43504	0.00035	43.0905	250.000

1.0031	3611	43.0905	24.424	37.00	41.250	787.710	19.237	-5.206	23.696	3.858	7.966	31.496	33.975	5.5316	2.43482	0.00035	43.0909	250.000
1.0033	3612	43.0909	24.424	37.00	41.250	787.913	19.242	-5.206	23.698	3.858	7.966	31.496	33.975	5.5316	2.43460	0.00035	43.0912	250.000
1.0036	3613	43.0912	24.425	37.00	41.250	788.115	19.247	-5.206	23.699	3.858	7.966	31.496	33.975	5.5316	2.43438	0.00035	43.0916	250.000
1.0039	3614	43.0916	24.425	37.00	41.250	788.317	19.252	-5.206	23.700	3.859	7.966	31.496	33.975	5.5316	2.43416	0.00035	43.0919	250.000
1.0042	3615	43.0919	24.425	37.00	41.250	788.519	19.257	-5.206	23.702	3.859	7.965	31.496	33.975	5.5316	2.43394	0.00035	43.0923	250.000
1.0044	3616	43.0923	24.426	37.00	41.250	788.721	19.262	-5.206	23.703	3.859	7.965	31.496	33.975	5.5316	2.43372	0.00035	43.0926	250.000
1.0047	3617	43.0926	24.426	37.00	41.250	788.923	19.267	-5.206	23.704	3.859	7.965	31.496	33.975	5.5316	2.43350	0.00035	43.0930	250.000
1.0050	3618	43.0930	24.426	37.00	41.250	789.125	19.272	-5.206	23.706	3.860	7.965	31.496	33.975	5.5316	2.43327	0.00035	43.0933	250.000
1.0053	3619	43.0933	24.427	37.00	41.250	789.327	19.277	-5.206	23.707	3.860	7.965	31.496	33.975	5.5316	2.43305	0.00035	43.0936	250.000
1.0056	3620	43.0936	24.427	37.00	41.250	789.529	19.282	-5.206	23.708	3.860	7.964	31.496	33.975	5.5316	2.43283	0.00035	43.0940	250.000
1.0058	3621	43.0940	24.427	37.00	41.250	789.731	19.287	-5.206	23.710	3.860	7.964	31.496	33.975	5.5316	2.43261	0.00035	43.0943	250.000
1.0061	3622	43.0943	24.428	37.00	41.250	789.933	19.292	-5.206	23.711	3.860	7.964	31.496	33.975	5.5316	2.43239	0.00035	43.0947	250.000
1.0064	3623	43.0947	24.428	37.00	41.250	790.135	19.297	-5.206	23.712	3.861	7.964	31.496	33.975	5.5316	2.43217	0.00035	43.0950	250.000
1.0067	3624	43.0950	24.428	37.00	41.250	790.337	19.302	-5.206	23.714	3.861	7.964	31.496	33.975	5.5316	2.43195	0.00035	43.0954	250.000
1.0069	3625	43.0954	24.429	37.00	41.250	790.539	19.307	-5.206	23.715	3.861	7.963	31.496	33.975	5.5316	2.43173	0.00035	43.0957	250.000
1.0072	3626	43.0957	24.429	37.00	41.250	790.741	19.311	-5.206	23.716	3.861	7.963	31.496	33.975	5.5316	2.43151	0.00035	43.0961	250.000
1.0075	3627	43.0961	24.429	37.00	41.250	790.943	19.316	-5.206	23.718	3.862	7.963	31.496	33.975	5.5316	2.43129	0.00035	43.0964	250.000
1.0078	3628	43.0964	24.430	37.00	41.250	791.145	19.321	-5.206	23.719	3.862	7.963	31.496	33.975	5.5316	2.43107	0.00035	43.0968	250.000
1.0081	3629	43.0968	24.430	37.00	41.250	791.347	19.326	-5.206	23.721	3.862	7.962	31.496	33.975	5.5316	2.43085	0.00035	43.0971	250.000
1.0083	3630	43.0971	24.431	37.00	41.250	791.549	19.331	-5.206	23.722	3.862	7.962	31.496	33.975	5.5316	2.43063	0.00035	43.0975	250.000
1.0086	3631	43.0975	24.431	37.00	41.250	791.751	19.336	-5.206	23.723	3.862	7.962	31.496	33.975	5.5316	2.43041	0.00035	43.0978	250.000
1.0089	3632	43.0978	24.431	37.00	41.250	791.953	19.341	-5.206	23.725	3.863	7.962	31.496	33.975	5.5316	2.43019	0.00035	43.0982	250.000
1.0092	3633	43.0982	24.432	37.00	41.250	792.155	19.346	-5.206	23.726	3.863	7.962	31.496	33.975	5.5316	2.42997	0.00035	43.0985	250.000
1.0094	3634	43.0985	24.432	37.00	41.250	792.357	19.351	-5.206	23.727	3.863	7.961	31.496	33.975	5.5316	2.42975	0.00035	43.0989	250.000
1.0097	3635	43.0989	24.432	37.00	41.250	792.559	19.356	-5.206	23.729	3.863	7.961	31.496	33.975	5.5316	2.42953	0.00035	43.0992	250.000
1.0100	3636	43.0992	24.433	37.00	41.250	792.761	19.361	-5.206	23.730	3.864	7.961	31.496	33.975	5.5316	2.42931	0.00035	43.0995	250.000
1.0103	3637	43.0995	24.433	37.00	41.250	792.963	19.366	-5.206	23.731	3.864	7.961	31.496	33.975	5.5316	2.42909	0.00035	43.0999	250.000
1.0106	3638	43.0999	24.433	37.00	41.250	793.165	19.371	-5.206	23.733	3.864	7.960	31.496	33.975	5.5316	2.42887	0.00035	43.1002	250.000
1.0108	3639	43.1002	24.434	37.00	41.250	793.367	19.376	-5.206	23.734	3.864	7.960	31.496	33.975	5.5316	2.42865	0.00035	43.1006	250.000
1.0111	3640	43.1006	24.434	37.00	41.250	793.569	19.381	-5.206	23.735	3.864	7.960	31.496	33.975	5.5316	2.42844	0.00035	43.1009	250.000
1.0114	3641	43.1009	24.434	37.00	41.250	793.771	19.385	-5.206	23.737	3.865	7.960	31.496	33.975	5.5316	2.42822	0.00035	43.1013	250.000
1.0117	3642	43.1013	24.435	37.00	41.250	793.973	19.390	-5.206	23.738	3.865	7.960	31.496	33.975	5.5316	2.42800	0.00035	43.1016	250.000
1.0119	3643	43.1016	24.435	37.00	41.250	794.175	19.395	-5.206	23.739	3.865	7.959	31.496	33.975	5.5316	2.42778	0.00035	43.1020	250.000
1.0122	3644	43.1020	24.435	37.00	41.250	794.377	19.400	-5.206	23.741	3.865	7.959	31.496	33.975	5.5316	2.42756	0.00035	43.1023	250.000
1.0125	3645	43.1023	24.436	37.00	41.250	794.580	19.405	-5.206	23.742	3.866	7.959	31.496	33.975	5.5316	2.42734	0.00035	43.1027	250.000
1.0128	3646	43.1027	24.436	37.00	41.250	794.782	19.410	-5.206	23.743	3.866	7.959	31.496	33.975	5.5316	2.42712	0.00035	43.1030	250.000
1.0131	3647	43.1030	24.436	37.00	41.250	794.984	19.415	-5.206	23.745	3.866	7.958	31.496	33.975	5.5316	2.42690	0.00035	43.1034	250.000
1.0133	3648	43.1034	24.437	37.00	41.250	795.186	19.420	-5.206	23.746	3.866	7.958	31.496	33.975	5.5316	2.42668	0.00035	43.1037	250.000
1.0136	3649	43.1037	24.437	37.00	41.250	795.388	19.425	-5.206	23.748	3.866	7.958	31.496	33.975	5.5316	2.42646	0.00035	43.1041	250.000
1.0139	3650	43.1041	24.437	37.00	41.250	795.590	19.430	-5.206	23.749	3.867	7.958	31.496	33.975	5.5316	2.42624	0.00035	43.1044	250.000
1.0142	3651	43.1044	24.438	37.00	41.250	795.792	19.435	-5.206	23.750	3.867	7.958	31.496	33.975	5.5316	2.42602	0.00035	43.1048	250.000
1.0144	3652	43.1048	24.438	37.00	41.250	795.994	19.440	-5.206	23.752	3.867	7.957	31.496	33.975	5.5316	2.42580	0.00035	43.1051	250.000
1.0147	3653	43.1051	24.438	37.00	41.250	796.196	19.445	-5.206	23.753	3.867	7.957	31.496	33.975	5.5316	2.42558	0.00035	43.1054	250.000
1.0150	3654	43.1054	24.439	37.00	41.250	796.398	19.450	-5.206	23.754	3.868	7.957	31.496	33.975	5.5316	2.42536	0.00035	43.1058	250.000
1.0153	3655	43.1058	24.439	37.00	41.250	796.600	19.455	-5.206	23.756	3.868	7.957	31.496	33.975	5.5316	2.42514	0.00035	43.1061	250.000
1.0156	3656	43.1061	24.440	37.00	41.250	796.802	19.460	-5.206	23.757	3.868	7.956	31.496	33.975	5.5316	2.42492	0.00035	43.1065	250.000
1.0158	3657	43.1065	24.440	37.00	41.250	797.004	19.464	-5.206	23.758	3.868	7.956	31.496	33.975	5.5316	2.42470	0.00035	43.1068	250.000
1.0161	3658	43.1068	24.440	37.00	41.250	797.206	19.469	-5.206	23.760	3.868	7.956	31.496	33.975	5.5316	2.42448	0.00035	43.1072	250.000
1.0164	3659	43.1072	24.441	37.00	41.250	797.408	19.474	-5.206	23.761	3.869	7.956	31.496	33.975	5.5316	2.42426	0.00035	43.1075	250.000
1.0167	3660	43.1075	24.441	37.00	41.250	797.610	19.479	-5.206	23.762	3.869	7.956	31.496	33.975	5.5316	2.42404	0.00035	43.1079	250.000
1.0169	3661	43.1079	24.441	37.00	41.250	797.812	19.484	-5.206	23.764	3.869	7.955	31.496	33.975	5.5316	2.42382	0.00035	43.1082	250.000
1.0172	3662	43.1082	24.442	37.00	41.250	798.014	19.489	-5.206	23.765	3.869	7.955	31.496	33.975	5.5316	2.42361	0.00035	43.1086	250.000
1.0175	3663	43.1086	24.442	37.00	41.250	798.216	19.494	-5.206	23.766	3.869	7.955	31.496	33.975	5.5316	2.42339	0.00035	43.1089	250.000
1.0178	3664	43.1089	24.442	37.00	41.250	798.418	19.499	-5.206	23.768	3.870	7.955	31.496	33.975	5.5316	2.42317	0.00035	43.1093	250.000
1.0181	3665	43.1093	24.443	37.00	41.250	798.620	19.504	-5.206	23.769	3.870	7.955	31.496	33.975	5.5316	2.42295	0.00035	43.1096	250.000
1.0183	3666	43.1096	24.443	37.00	41.250	798.822	19.509	-5.206	23.770	3.870	7.954	31.496	33.975	5.5316	2.42273	0.00035	43.1099	250.000
1.0186	3667	43.1099	24.443	37.00	41.250	799.024	19.514	-5.206	23.772	3.870	7.954	31.496	33.975	5.5316	2.42251	0.00035	43.1103	250.000
1.0189	3668	43.1103	24.444	37.00	41.250	799.226	19.519	-5.206	23.773	3.871	7.954	31.496	33.975	5.5316	2.42229	0.00035	43.1106	250.000
1.0192	3669	43.1106	24.444	37.00	41.250	799.428	19.524	-5.206	23.774	3.871	7.954	31.496	33.975	5.5316	2.42207	0.00035	43.1110	250.000
1.0194	3670	43.1110	24.444	37.00	41.250	799.630	19.529	-5.206	23.776	3.871	7.953	31.496	33.975	5.5316	2.42185	0.00035	43.1113	250.000
1.0197	3671	43.1113	24.445	37.00	41.250	799.832	19.534	-5.206	23.777	3.871	7.953	31.496	33.975	5.5316	2.42163	0.00035	43.1117	250.000
1.0200	3672	43.1117	24.445	37.00	41.250	800.034	19.538	-5.206	23.779	3.871	7.953	31.496	33.975	5.5316	2.42141	0.00035	43.1120	250.000
1.0203	3673	43.1120	24.445	37.00	41.250	800.236	19.543	-5.206	23.780	3.872	7.953	31.496	33.975	5.5316	2.42119	0.00035	43.1124	250.000
1.0206	3674	43.1124	24.446	37.00	41.250	800.438	19.548	-5.206	23.781	3.872	7.953	31.496	33.975	5.5316	2.42097	0.00035	43.1127	250.000
1.0208	3675	43.1127	24.446	37.00	41.250	800.640	19.553	-5.206	23.783	3.872	7.952	31.496	33.975	5.5316	2.42076	0.00035	43.1131	250.000
1.0211	3676	43.1131	24.446	37.00	41.250	800.842	19.558	-5.206	23.784	3.872	7.952	31.496	33.975	5.5316	2.42054	0.00035	43.1134	250.000
1.0214	3677	43.1134	24.447	37.00	41.250	801.044	19.563	-5.206	23.785	3.873	7.952	31.496	33.975	5.5316	2.42032	0.00035	43.1138	250.000
1.0217	3678	43.1138	24.447	37.00	41.250	801.246	19.568	-5.206	23.787	3.873	7.952	31.496	33.975	5.5316	2.42010	0.00035	43.1141	250.000
1.0219	3679	43.1141	24.447	37.00	41.250	801.449	19.573	-5.206	23.788	3.873	7.951	31.496	33.975	5.5316	2.41988	0.00035	43.1144	250.000
1.0222	3680	43.1144	24.448	37.00	41.250	801.651	19.578	-5.206	23.789	3.873	7.951	31.496	33.975	5.5316	2.41966	0.00035	43.1148	250.000
1.0225	3681	43.1148	24.448	37.00	41.250	801.853	19.583	-5.206	23.791	3.873	7.951	31.496	33.975	5.5316	2.41944	0.00035	43.1151	250.000
1.0228	3682	43.1151	24.449	37.00	41.250	802.055	19.588	-5.206	23.792	3.874	7.951	31.496	33.975	5.5316	2.41922	0.00035	43.1155	250.000
1.0231	3683	43.1155	24.449	37.00	41.250	802.257	19.593	-5.206	23.793	3.874	7.951	31.496	33.975	5.5316	2.41900	0.00035	43.1158	250.000
1.0233	3684	43.1158	24.449	37.00	41.250	802.459	19.598	-5.206	23.795	3.874	7.950	31.496	33.975	5.5316	2.41878	0.00035	43.1162	250.000
1.0236	3685	43.1162	24.450	37.00	41.250	802.661	19.603	-5.206	23.796	3.874	7.950	31.496	33.975	5.5316	2.41857	0.00035	43.1165	250.000
1.0239	3686	43.1165	24.450	37.00	41.250	802.863	19.608	-5.206	23.797	3.875	7.950	31.496	33.975	5.5316	2.41835	0.00035	43.1169	250.000
1.0242	3687	43.1169	24.450	37.00	41.250	803.065	19.612	-5.206	23.799	3.875	7.950	31.496	33.975	5.5316	2.41813	0.00035	43.1172	250.000
1.0244	3688	43.1172	24.451	37.00	41.250	803.267	19.617	-5.206	23.800	3.875	7.949	31.496	33.975	5.5316	2.41791	0.00035	43.1176	250.000
1.0247	3689	43.1176	24.451	37.00	41.250	803.469	19.622	-5.206	23.801	3.875	7.949	31.496	33.975	5.5316	2.41769	0.00035	43.1179	250.000
1.0250	3690	43.1179	24.451	37.00	41.250	803.671	19.627	-5.206	23.803	3.875	7.949	31.496	33.975	5.5316	2.41747	0.00035	43.1182	250.000
1.0253	3691	43.1182	24.452	37.00	41.250	803.873	19.632	-5.206	23.804	3.876	7.949	31.496	33.975	5.5316	2.41725	0.00035	43.1186	250.000

1.0256	3692	43.1186	24.452	37.00	41.250	804.075	19.637	-5.206	23.805	3.876	7.949	31.496	33.975	5.5316	2.41703	0.00035	43.1189	250.000
1.0258	3693	43.1189	24.452	37.00	41.250	804.277	19.642	-5.206	23.807	3.876	7.948	31.496	33.975	5.5316	2.41682	0.00035	43.1193	250.000
1.0261	3694	43.1193	24.453	37.00	41.250	804.479	19.647	-5.206	23.808	3.876	7.948	31.496	33.975	5.5316	2.41660	0.00035	43.1196	250.000
1.0264	3695	43.1196	24.453	37.00	41.250	804.681	19.652	-5.206	23.809	3.876	7.948	31.496	33.975	5.5316	2.41638	0.00035	43.1200	250.000
1.0267	3696	43.1200	24.453	37.00	41.250	804.883	19.657	-5.206	23.811	3.877	7.948	31.496	33.975	5.5316	2.41616	0.00035	43.1203	250.000
1.0269	3697	43.1203	24.454	37.00	41.250	805.085	19.662	-5.206	23.812	3.877	7.947	31.496	33.975	5.5316	2.41594	0.00035	43.1207	250.000
1.0272	3698	43.1207	24.454	37.00	41.250	805.287	19.667	-5.206	23.813	3.877	7.947	31.496	33.975	5.5316	2.41572	0.00035	43.1210	250.000
1.0275	3699	43.1210	24.454	37.00	41.250	805.489	19.672	-5.206	23.815	3.877	7.947	31.496	33.975	5.5316	2.41550	0.00035	43.1214	250.000
1.0278	3700	43.1214	24.455	37.00	41.250	805.691	19.677	-5.206	23.816	3.878	7.947	31.496	33.975	5.5316	2.41528	0.00035	43.1217	250.000
1.0281	3701	43.1217	24.455	37.00	41.250	805.893	19.682	-5.206	23.818	3.878	7.947	31.496	33.975	5.5316	2.41507	0.00035	43.1220	250.000
1.0283	3702	43.1220	24.455	37.00	41.250	806.095	19.686	-5.206	23.819	3.878	7.946	31.496	33.975	5.5316	2.41485	0.00034	43.1224	250.000
1.0286	3703	43.1224	24.456	37.00	41.250	806.297	19.691	-5.206	23.820	3.878	7.946	31.496	33.975	5.5316	2.41463	0.00034	43.1227	250.000
1.0289	3704	43.1227	24.456	37.00	41.250	806.499	19.696	-5.206	23.822	3.878	7.946	31.496	33.975	5.5316	2.41441	0.00034	43.1231	250.000
1.0292	3705	43.1231	24.456	37.00	41.250	806.701	19.701	-5.206	23.823	3.879	7.946	31.496	33.975	5.5316	2.41419	0.00034	43.1234	250.000
1.0294	3706	43.1234	24.457	37.00	41.250	806.903	19.706	-5.206	23.824	3.879	7.946	31.496	33.975	5.5316	2.41397	0.00034	43.1238	250.000
1.0297	3707	43.1238	24.457	37.00	41.250	807.105	19.711	-5.206	23.826	3.879	7.945	31.496	33.975	5.5316	2.41376	0.00034	43.1241	250.000
1.0300	3708	43.1241	24.457	37.00	41.250	807.307	19.716	-5.206	23.827	3.879	7.945	31.496	33.975	5.5316	2.41354	0.00034	43.1245	250.000
1.0303	3709	43.1245	24.458	37.00	41.250	807.509	19.721	-5.206	23.828	3.880	7.945	31.496	33.975	5.5316	2.41332	0.00034	43.1248	250.000
1.0306	3710	43.1248	24.458	37.00	41.250	807.711	19.726	-5.206	23.830	3.880	7.945	31.496	33.975	5.5316	2.41310	0.00034	43.1251	250.000
1.0308	3711	43.1251	24.459	37.00	41.250	807.913	19.731	-5.206	23.831	3.880	7.944	31.496	33.975	5.5316	2.41288	0.00034	43.1255	250.000
1.0311	3712	43.1255	24.459	37.00	41.250	808.116	19.736	-5.206	23.832	3.880	7.944	31.496	33.975	5.5316	2.41266	0.00034	43.1258	250.000
1.0314	3713	43.1258	24.459	37.00	41.250	808.318	19.741	-5.206	23.834	3.880	7.944	31.496	33.975	5.5316	2.41245	0.00034	43.1262	250.000
1.0317	3714	43.1262	24.460	37.00	41.250	808.520	19.746	-5.206	23.835	3.881	7.944	31.496	33.975	5.5316	2.41223	0.00034	43.1265	250.000
1.0319	3715	43.1265	24.460	37.00	41.250	808.722	19.751	-5.206	23.836	3.881	7.944	31.496	33.975	5.5316	2.41201	0.00034	43.1269	250.000
1.0322	3716	43.1269	24.460	37.00	41.250	808.924	19.756	-5.206	23.838	3.881	7.943	31.496	33.975	5.5316	2.41179	0.00034	43.1272	250.000
1.0325	3717	43.1272	24.461	37.00	41.250	809.126	19.760	-5.206	23.839	3.881	7.943	31.496	33.975	5.5316	2.41157	0.00034	43.1276	250.000
1.0328	3718	43.1276	24.461	37.00	41.250	809.328	19.765	-5.206	23.840	3.882	7.943	31.496	33.975	5.5316	2.41135	0.00034	43.1279	250.000
1.0331	3719	43.1279	24.461	37.00	41.250	809.530	19.770	-5.206	23.842	3.882	7.943	31.496	33.975	5.5316	2.41114	0.00034	43.1282	250.000
1.0333	3720	43.1282	24.462	37.00	41.250	809.732	19.775	-5.206	23.843	3.882	7.942	31.496	33.975	5.5316	2.41092	0.00034	43.1286	250.000
1.0336	3721	43.1286	24.462	37.00	41.250	809.934	19.780	-5.206	23.844	3.882	7.942	31.496	33.975	5.5316	2.41070	0.00034	43.1289	250.000
1.0339	3722	43.1289	24.462	37.00	41.250	810.136	19.785	-5.206	23.846	3.882	7.942	31.496	33.975	5.5316	2.41048	0.00034	43.1293	250.000
1.0342	3723	43.1293	24.463	37.00	41.250	810.338	19.790	-5.206	23.847	3.883	7.942	31.496	33.975	5.5316	2.41026	0.00034	43.1296	250.000
1.0344	3724	43.1296	24.463	37.00	41.250	810.540	19.795	-5.206	23.848	3.883	7.942	31.496	33.975	5.5316	2.41004	0.00034	43.1300	250.000
1.0347	3725	43.1300	24.463	37.00	41.250	810.742	19.800	-5.206	23.850	3.883	7.941	31.496	33.975	5.5316	2.40983	0.00034	43.1303	250.000
1.0350	3726	43.1303	24.464	37.00	41.250	810.944	19.805	-5.206	23.851	3.883	7.941	31.496	33.975	5.5316	2.40961	0.00034	43.1307	250.000
1.0353	3727	43.1307	24.464	37.00	41.250	811.146	19.810	-5.206	23.852	3.883	7.941	31.496	33.975	5.5316	2.40939	0.00034	43.1310	250.000
1.0356	3728	43.1310	24.464	37.00	41.250	811.348	19.815	-5.206	23.854	3.884	7.941	31.496	33.975	5.5316	2.40917	0.00034	43.1313	250.000
1.0358	3729	43.1313	24.465	37.00	41.250	811.550	19.820	-5.206	23.855	3.884	7.941	31.496	33.975	5.5316	2.40895	0.00034	43.1317	250.000
1.0361	3730	43.1317	24.465	37.00	41.250	811.752	19.825	-5.206	23.856	3.884	7.940	31.496	33.975	5.5316	2.40874	0.00034	43.1320	250.000
1.0364	3731	43.1320	24.465	37.00	41.250	811.954	19.830	-5.206	23.858	3.884	7.940	31.496	33.975	5.5316	2.40852	0.00034	43.1324	250.000
1.0367	3732	43.1324	24.466	37.00	41.250	812.156	19.834	-5.206	23.859	3.885	7.940	31.496	33.975	5.5316	2.40830	0.00034	43.1327	250.000
1.0369	3733	43.1327	24.466	37.00	41.250	812.358	19.839	-5.206	23.860	3.885	7.940	31.496	33.975	5.5316	2.40808	0.00034	43.1331	250.000
1.0372	3734	43.1331	24.466	37.00	41.250	812.560	19.844	-5.206	23.862	3.885	7.939	31.496	33.975	5.5316	2.40786	0.00034	43.1334	250.000
1.0375	3735	43.1334	24.467	37.00	41.250	812.762	19.849	-5.206	23.863	3.885	7.939	31.496	33.975	5.5316	2.40765	0.00034	43.1338	250.000
1.0378	3736	43.1338	24.467	37.00	41.250	812.964	19.854	-5.206	23.864	3.885	7.939	31.496	33.975	5.5316	2.40743	0.00034	43.1341	250.000
1.0381	3737	43.1341	24.467	37.00	41.250	813.166	19.859	-5.206	23.866	3.886	7.939	31.496	33.975	5.5316	2.40721	0.00034	43.1344	250.000
1.0383	3738	43.1344	24.468	37.00	41.250	813.368	19.864	-5.206	23.867	3.886	7.939	31.496	33.975	5.5316	2.40699	0.00034	43.1348	250.000
1.0386	3739	43.1348	24.468	37.00	41.250	813.570	19.869	-5.206	23.868	3.886	7.938	31.496	33.975	5.5316	2.40678	0.00034	43.1351	250.000
1.0389	3740	43.1351	24.469	37.00	41.250	813.772	19.874	-5.206	23.870	3.886	7.938	31.496	33.975	5.5316	2.40656	0.00034	43.1355	250.000
1.0392	3741	43.1355	24.469	37.00	41.250	813.974	19.879	-5.206	23.871	3.887	7.938	31.496	33.975	5.5316	2.40634	0.00034	43.1358	250.000
1.0394	3742	43.1358	24.469	37.00	41.250	814.176	19.884	-5.206	23.872	3.887	7.938	31.496	33.975	5.5316	2.40612	0.00034	43.1362	250.000
1.0397	3743	43.1362	24.470	37.00	41.250	814.378	19.889	-5.206	23.874	3.887	7.937	31.496	33.975	5.5316	2.40590	0.00034	43.1365	250.000
1.0400	3744	43.1365	24.470	37.00	41.250	814.580	19.894	-5.206	23.875	3.887	7.937	31.496	33.975	5.5316	2.40569	0.00034	43.1368	250.000
1.0403	3745	43.1368	24.470	37.00	41.250	814.783	19.899	-5.206	23.876	3.887	7.937	31.496	33.975	5.5316	2.40547	0.00034	43.1372	250.000
1.0406	3746	43.1372	24.471	37.00	41.250	814.985	19.904	-5.206	23.878	3.888	7.937	31.496	33.975	5.5316	2.40525	0.00034	43.1375	250.000
1.0408	3747	43.1375	24.471	37.00	41.250	815.187	19.908	-5.206	23.879	3.888	7.937	31.496	33.975	5.5316	2.40503	0.00034	43.1379	250.000
1.0411	3748	43.1379	24.471	37.00	41.250	815.389	19.913	-5.206	23.880	3.888	7.936	31.496	33.975	5.5316	2.40482	0.00034	43.1382	250.000
1.0414	3749	43.1382	24.472	37.00	41.250	815.591	19.918	-5.206	23.882	3.888	7.936	31.496	33.975	5.5316	2.40460	0.00034	43.1386	250.000
1.0417	3750	43.1386	24.472	37.00	41.250	815.793	19.923	-5.206	23.883	3.888	7.936	31.496	33.975	5.5316	2.40438	0.00034	43.1389	250.000
1.0419	3751	43.1389	24.472	37.00	41.250	815.995	19.928	-5.206	23.884	3.889	7.936	31.496	33.975	5.5316	2.40416	0.00034	43.1393	250.000
1.0422	3752	43.1393	24.473	37.00	41.250	816.197	19.933	-5.206	23.886	3.889	7.935	31.496	33.975	5.5316	2.40395	0.00034	43.1396	250.000
1.0425	3753	43.1396	24.473	37.00	41.250	816.399	19.938	-5.206	23.887	3.889	7.935	31.496	33.975	5.5316	2.40373	0.00034	43.1399	250.000
1.0428	3754	43.1399	24.473	37.00	41.250	816.601	19.943	-5.206	23.888	3.889	7.935	31.496	33.975	5.5316	2.40351	0.00034	43.1403	250.000
1.0431	3755	43.1403	24.474	37.00	41.250	816.803	19.948	-5.206	23.890	3.890	7.935	31.496	33.975	5.5316	2.40329	0.00034	43.1406	250.000
1.0433	3756	43.1406	24.474	37.00	41.250	817.005	19.953	-5.206	23.891	3.890	7.935	31.496	33.975	5.5316	2.40308	0.00034	43.1410	250.000
1.0436	3757	43.1410	24.474	37.00	41.250	817.207	19.958	-5.206	23.892	3.890	7.934	31.496	33.975	5.5316	2.40286	0.00034	43.1413	250.000
1.0439	3758	43.1413	24.475	37.00	41.250	817.409	19.963	-5.206	23.894	3.890	7.934	31.496	33.975	5.5316	2.40264	0.00034	43.1417	250.000
1.0442	3759	43.1417	24.475	37.00	41.250	817.611	19.968	-5.206	23.895	3.890	7.934	31.496	33.975	5.5316	2.40242	0.00034	43.1420	250.000
1.0444	3760	43.1420	24.475	37.00	41.250	817.813	19.973	-5.206	23.896	3.891	7.934	31.496	33.975	5.5316	2.40221	0.00034	43.1423	250.000
1.0447	3761	43.1423	24.476	37.00	41.250	818.015	19.978	-5.206	23.898	3.891	7.934	31.496	33.975	5.5316	2.40199	0.00034	43.1427	250.000
1.0450	3762	43.1427	24.476	37.00	41.250	818.217	19.983	-5.206	23.899	3.891	7.933	31.496	33.975	5.5316	2.40177	0.00034	43.1430	250.000
1.0453	3763	43.1430	24.476	37.00	41.250	818.419	19.987	-5.206	23.901	3.891	7.933	31.496	33.975	5.5316	2.40155	0.00034	43.1434	250.000
1.0456	3764	43.1434	24.477	37.00	41.250	818.621	19.992	-5.206	23.902	3.892	7.933	31.496	33.975	5.5316	2.40134	0.00034	43.1437	250.000
1.0458	3765	43.1437	24.477	37.00	41.250	818.823	19.997	-5.206	23.903	3.892	7.933	31.496	33.975	5.5316	2.40112	0.00034	43.1441	250.000
1.0461	3766	43.1441	24.477	37.00	41.250	819.025	20.002	-5.206	23.905	3.892	7.932	31.496	33.975	5.5316	2.40090	0.00034	43.1444	250.000
1.0464	3767	43.1444	24.478	37.00	41.250	819.227	20.007	-5.206	23.906	3.892	7.932	31.496	33.975	5.5316	2.40068	0.00034	43.1447	250.000
1.0467	3768	43.1447	24.478	37.00	41.250	819.429	20.012	-5.206	23.907	3.892	7.932	31.496	33.975	5.5316	2.40047	0.00034	43.1451	250.000
1.0469	3769	43.1451	24.478	37.00	41.250	819.631	20.017	-5.206	23.909	3.893	7.932	31.496	33.975	5.5316	2.40025	0.00034	43.1454	250.000
1.0472	3770	43.1454	24.479	37.00	41.250	819.833	20.022	-5.206	23.910	3.893	7.932	31.496	33.975	5.5316	2.40003	0.00034	43.1458	250.000
1.0475	3771	43.1458	24.479	37.00	41.250	820.035	20.027	-5.206	23.911	3.893	7.931	31.496	33.975	5.5316	2.39982	0.00034	43.1461	250.000
1.0478	3772	43.1461	24.480	37.00	41.250	820.237	20.032	-5.206	23.913	3.893	7.931	31.496	33.975	5.5316	2.39960	0.00034	43.1465	250.000

1.0481	3773	43.1465	24.480	37.00	41.250	820.439	20.037	-5.206	23.914	3.893	7.931	31.496	33.975	5.5316	2.39938	0.00034	43.1468	250.000
1.0483	3774	43.1468	24.480	37.00	41.250	820.641	20.042	-5.206	23.915	3.894	7.931	31.496	33.975	5.5316	2.39916	0.00034	43.1471	250.000
1.0486	3775	43.1471	24.481	37.00	41.250	820.843	20.047	-5.206	23.917	3.894	7.931	31.496	33.975	5.5316	2.39895	0.00034	43.1475	250.000
1.0489	3776	43.1475	24.481	37.00	41.250	821.045	20.052	-5.206	23.918	3.894	7.930	31.496	33.975	5.5316	2.39873	0.00034	43.1478	250.000
1.0492	3777	43.1478	24.481	37.00	41.250	821.247	20.057	-5.206	23.919	3.894	7.930	31.496	33.975	5.5316	2.39851	0.00034	43.1482	250.000
1.0494	3778	43.1482	24.482	37.00	41.250	821.449	20.061	-5.206	23.921	3.895	7.930	31.496	33.975	5.5316	2.39830	0.00034	43.1485	250.000
1.0497	3779	43.1485	24.482	37.00	41.250	821.652	20.066	-5.206	23.922	3.895	7.930	31.496	33.975	5.5316	2.39808	0.00034	43.1489	250.000
1.0500	3780	43.1489	24.482	37.00	41.250	821.854	20.071	-5.206	23.923	3.895	7.929	31.496	33.975	5.5316	2.39786	0.00034	43.1492	250.000
1.0503	3781	43.1492	24.483	37.00	41.250	822.056	20.076	-5.206	23.925	3.895	7.929	31.496	33.975	5.5316	2.39764	0.00034	43.1495	250.000
1.0506	3782	43.1495	24.483	37.00	41.250	822.258	20.081	-5.206	23.926	3.895	7.929	31.496	33.975	5.5316	2.39743	0.00034	43.1499	250.000
1.0508	3783	43.1499	24.483	37.00	41.250	822.460	20.086	-5.206	23.927	3.896	7.929	31.496	33.975	5.5316	2.39721	0.00034	43.1502	250.000
1.0511	3784	43.1502	24.484	37.00	41.250	822.662	20.091	-5.206	23.929	3.896	7.929	31.496	33.975	5.5316	2.39699	0.00034	43.1506	250.000
1.0514	3785	43.1506	24.484	37.00	41.250	822.864	20.096	-5.206	23.930	3.896	7.928	31.496	33.975	5.5316	2.39678	0.00034	43.1509	250.000
1.0517	3786	43.1509	24.484	37.00	41.250	823.066	20.101	-5.206	23.931	3.896	7.928	31.496	33.975	5.5316	2.39656	0.00034	43.1513	250.000
1.0519	3787	43.1513	24.485	37.00	41.250	823.268	20.106	-5.206	23.933	3.897	7.928	31.496	33.975	5.5316	2.39634	0.00034	43.1516	250.000
1.0522	3788	43.1516	24.485	37.00	41.250	823.470	20.111	-5.206	23.934	3.897	7.928	31.496	33.975	5.5316	2.39613	0.00034	43.1519	250.000
1.0525	3789	43.1519	24.485	37.00	41.250	823.672	20.116	-5.206	23.935	3.897	7.927	31.496	33.975	5.5316	2.39591	0.00034	43.1523	250.000
1.0528	3790	43.1523	24.486	37.00	41.250	823.874	20.121	-5.206	23.936	3.897	7.927	31.496	33.975	5.5316	2.39569	0.00034	43.1526	250.000
1.0531	3791	43.1526	24.486	37.00	41.250	824.076	20.126	-5.206	23.938	3.897	7.927	31.496	33.975	5.5316	2.39548	0.00034	43.1530	250.000
1.0533	3792	43.1530	24.486	37.00	41.250	824.278	20.131	-5.206	23.939	3.898	7.927	31.496	33.975	5.5316	2.39526	0.00034	43.1533	250.000
1.0536	3793	43.1533	24.487	37.00	41.250	824.480	20.135	-5.206	23.940	3.898	7.927	31.496	33.975	5.5316	2.39504	0.00034	43.1536	250.000
1.0539	3794	43.1536	24.487	37.00	41.250	824.682	20.140	-5.206	23.942	3.898	7.926	31.496	33.975	5.5316	2.39483	0.00034	43.1540	250.000
1.0542	3795	43.1540	24.487	37.00	41.250	824.884	20.145	-5.206	23.943	3.898	7.926	31.496	33.975	5.5316	2.39461	0.00034	43.1543	250.000
1.0544	3796	43.1543	24.488	37.00	41.250	825.086	20.150	-5.206	23.944	3.898	7.926	31.496	33.975	5.5316	2.39439	0.00034	43.1547	250.000
1.0547	3797	43.1547	24.488	37.00	41.250	825.288	20.155	-5.206	23.946	3.899	7.926	31.496	33.975	5.5316	2.39418	0.00034	43.1550	250.000
1.0550	3798	43.1550	24.488	37.00	41.250	825.490	20.160	-5.206	23.947	3.899	7.926	31.496	33.975	5.5316	2.39396	0.00034	43.1554	250.000
1.0553	3799	43.1554	24.489	37.00	41.250	825.692	20.165	-5.206	23.948	3.899	7.925	31.496	33.975	5.5316	2.39374	0.00034	43.1557	250.000
1.0556	3800	43.1557	24.489	37.00	41.250	825.894	20.170	-5.206	23.950	3.899	7.925	31.496	33.975	5.5316	2.39353	0.00034	43.1560	250.000
1.0558	3801	43.1560	24.489	37.00	41.250	826.096	20.175	-5.206	23.951	3.900	7.925	31.496	33.975	5.5316	2.39331	0.00034	43.1564	250.000
1.0561	3802	43.1564	24.490	37.00	41.250	826.298	20.180	-5.206	23.952	3.900	7.925	31.496	33.975	5.5316	2.39309	0.00034	43.1567	250.000
1.0564	3803	43.1567	24.490	37.00	41.250	826.500	20.185	-5.206	23.954	3.900	7.924	31.496	33.975	5.5316	2.39288	0.00034	43.1571	250.000
1.0567	3804	43.1571	24.490	37.00	41.250	826.702	20.190	-5.206	23.955	3.900	7.924	31.496	33.975	5.5316	2.39266	0.00034	43.1574	250.000
1.0569	3805	43.1574	24.491	37.00	41.250	826.904	20.195	-5.206	23.956	3.900	7.924	31.496	33.975	5.5316	2.39244	0.00034	43.1578	250.000
1.0572	3806	43.1578	24.491	37.00	41.250	827.106	20.200	-5.206	23.958	3.901	7.924	31.496	33.975	5.5316	2.39223	0.00034	43.1581	250.000
1.0575	3807	43.1581	24.491	37.00	41.250	827.308	20.205	-5.206	23.959	3.901	7.924	31.496	33.975	5.5316	2.39201	0.00034	43.1584	250.000
1.0578	3808	43.1584	24.492	37.00	41.250	827.510	20.209	-5.206	23.960	3.901	7.923	31.496	33.975	5.5316	2.39179	0.00034	43.1588	250.000
1.0581	3809	43.1588	24.492	37.00	41.250	827.712	20.214	-5.206	23.962	3.901	7.923	31.496	33.975	5.5316	2.39158	0.00034	43.1591	250.000
1.0583	3810	43.1591	24.493	37.00	41.250	827.914	20.219	-5.206	23.963	3.902	7.923	31.496	33.975	5.5316	2.39136	0.00034	43.1595	250.000
1.0586	3811	43.1595	24.493	37.00	41.250	828.116	20.224	-5.206	23.964	3.902	7.923	31.496	33.975	5.5316	2.39114	0.00034	43.1598	250.000
1.0589	3812	43.1598	24.493	37.00	41.250	828.319	20.229	-5.206	23.966	3.902	7.922	31.496	33.975	5.5316	2.39093	0.00034	43.1601	250.000
1.0592	3813	43.1601	24.494	37.00	41.250	828.521	20.234	-5.206	23.967	3.902	7.922	31.496	33.975	5.5316	2.39071	0.00034	43.1605	250.000
1.0594	3814	43.1605	24.494	37.00	41.250	828.723	20.239	-5.206	23.968	3.902	7.922	31.496	33.975	5.5316	2.39050	0.00034	43.1608	250.000
1.0597	3815	43.1608	24.494	37.00	41.250	828.925	20.244	-5.206	23.970	3.903	7.922	31.496	33.975	5.5316	2.39028	0.00034	43.1612	250.000
1.0600	3816	43.1612	24.495	37.00	41.250	829.127	20.249	-5.206	23.971	3.903	7.922	31.496	33.975	5.5316	2.39006	0.00034	43.1615	250.000
1.0603	3817	43.1615	24.495	37.00	41.250	829.329	20.254	-5.206	23.972	3.903	7.921	31.496	33.975	5.5316	2.38985	0.00034	43.1619	250.000
1.0606	3818	43.1619	24.495	37.00	41.250	829.531	20.259	-5.206	23.974	3.903	7.921	31.496	33.975	5.5316	2.38963	0.00034	43.1622	250.000
1.0608	3819	43.1622	24.496	37.00	41.250	829.733	20.264	-5.206	23.975	3.903	7.921	31.496	33.975	5.5316	2.38941	0.00034	43.1625	250.000
1.0611	3820	43.1625	24.496	37.00	41.250	829.935	20.269	-5.206	23.976	3.904	7.921	31.496	33.975	5.5316	2.38920	0.00034	43.1629	250.000
1.0614	3821	43.1629	24.496	37.00	41.250	830.137	20.274	-5.206	23.978	3.904	7.921	31.496	33.975	5.5316	2.38898	0.00034	43.1632	250.000
1.0617	3822	43.1632	24.497	37.00	41.250	830.339	20.279	-5.206	23.979	3.904	7.920	31.496	33.975	5.5316	2.38877	0.00034	43.1636	250.000
1.0619	3823	43.1636	24.497	37.00	41.250	830.541	20.283	-5.206	23.980	3.904	7.920	31.496	33.975	5.5316	2.38855	0.00034	43.1639	250.000
1.0622	3824	43.1639	24.497	37.00	41.250	830.743	20.288	-5.206	23.982	3.905	7.920	31.496	33.975	5.5316	2.38833	0.00034	43.1642	250.000
1.0625	3825	43.1642	24.498	37.00	41.250	830.945	20.293	-5.206	23.983	3.905	7.920	31.496	33.975	5.5316	2.38812	0.00034	43.1646	250.000
1.0628	3826	43.1646	24.498	37.00	41.250	831.147	20.298	-5.206	23.984	3.905	7.919	31.496	33.975	5.5316	2.38790	0.00034	43.1649	250.000
1.0631	3827	43.1649	24.498	37.00	41.250	831.349	20.303	-5.206	23.986	3.905	7.919	31.496	33.975	5.5316	2.38768	0.00034	43.1653	250.000
1.0633	3828	43.1653	24.499	37.00	41.250	831.551	20.308	-5.206	23.987	3.905	7.919	31.496	33.975	5.5316	2.38747	0.00034	43.1656	250.000
1.0636	3829	43.1656	24.499	37.00	41.250	831.753	20.313	-5.206	23.988	3.906	7.919	31.496	33.975	5.5316	2.38725	0.00034	43.1659	250.000
1.0639	3830	43.1659	24.499	37.00	41.250	831.955	20.318	-5.206	23.990	3.906	7.919	31.496	33.975	5.5316	2.38704	0.00034	43.1663	250.000
1.0642	3831	43.1663	24.500	37.00	41.250	832.157	20.323	-5.206	23.991	3.906	7.918	31.496	33.975	5.5316	2.38682	0.00034	43.1666	250.000
1.0644	3832	43.1666	24.500	37.00	41.250	832.359	20.328	-5.206	23.992	3.906	7.918	31.496	33.975	5.5316	2.38660	0.00034	43.1670	250.000
1.0647	3833	43.1670	24.500	37.00	41.250	832.561	20.333	-5.206	23.994	3.906	7.918	31.496	33.975	5.5316	2.38639	0.00034	43.1673	250.000
1.0650	3834	43.1673	24.501	37.00	41.250	832.763	20.338	-5.206	23.995	3.907	7.918	31.496	33.975	5.5316	2.38617	0.00034	43.1676	250.000
1.0653	3835	43.1676	24.501	37.00	41.250	832.965	20.343	-5.206	23.996	3.907	7.918	31.496	33.975	5.5316	2.38596	0.00034	43.1680	250.000
1.0656	3836	43.1680	24.501	37.00	41.250	833.167	20.348	-5.206	23.998	3.907	7.917	31.496	33.975	5.5316	2.38574	0.00034	43.1683	250.000
1.0658	3837	43.1683	24.502	37.00	41.250	833.369	20.353	-5.206	23.999	3.907	7.917	31.496	33.975	5.5316	2.38552	0.00034	43.1687	250.000
1.0661	3838	43.1687	24.502	37.00	41.250	833.571	20.357	-5.206	24.000	3.908	7.917	31.496	33.975	5.5316	2.38531	0.00034	43.1690	250.000
1.0664	3839	43.1690	24.502	37.00	41.250	833.773	20.362	-5.206	24.002	3.908	7.917	31.496	33.975	5.5316	2.38509	0.00034	43.1694	250.000
1.0667	3840	43.1694	24.503	37.00	41.250	833.975	20.367	-5.206	24.003	3.908	7.916	31.496	33.975	5.5316	2.38488	0.00034	43.1697	250.000
1.0669	3841	43.1697	24.503	37.00	41.250	834.177	20.372	-5.206	24.004	3.908	7.916	31.496	33.975	5.5316	2.38466	0.00034	43.1700	250.000
1.0672	3842	43.1700	24.503	37.00	41.250	834.379	20.377	-5.206	24.006	3.908	7.916	31.496	33.975	5.5316	2.38445	0.00034	43.1704	250.000
1.0675	3843	43.1704	24.504	37.00	41.250	834.581	20.382	-5.206	24.007	3.909	7.916	31.496	33.975	5.5316	2.38423	0.00034	43.1707	250.000
1.0678	3844	43.1707	24.504	37.00	41.250	834.783	20.387	-5.206	24.008	3.909	7.916	31.496	33.975	5.5316	2.38401	0.00034	43.1711	250.000
1.0681	3845	43.1711	24.504	37.00	41.250	834.985	20.392	-5.206	24.010	3.909	7.915	31.496	33.975	5.5316	2.38380	0.00034	43.1714	250.000
1.0683	3846	43.1714	24.505	37.00	41.250	835.188	20.397	-5.206	24.011	3.909	7.915	31.496	33.975	5.5316	2.38358	0.00034	43.1717	250.000
1.0686	3847	43.1717	24.505	37.00	41.250	835.390	20.402	-5.206	24.012	3.910	7.915	31.496	33.975	5.5316	2.38337	0.00034	43.1721	250.000
1.0689	3848	43.1721	24.505	37.00	41.250	835.592	20.407	-5.206	24.014	3.910	7.915	31.496	33.975	5.5316	2.38315	0.00034	43.1724	250.000
1.0692	3849	43.1724	24.506	37.00	41.250	835.794	20.412	-5.206	24.015	3.910	7.914	31.496	33.975	5.5316	2.38294	0.00034	43.1728	250.000
1.0694	3850	43.1728	24.506	37.00	41.250	835.996	20.417	-5.206	24.016	3.910	7.914	31.496	33.975	5.5316	2.38272	0.00034	43.1731	250.000
1.0697	3851	43.1731	24.506	37.00	41.250	836.198	20.422	-5.206	24.018	3.910	7.914	31.496	33.975	5.5316	2.38250	0.00034	43.1734	250.000
1.0700	3852	43.1734	24.507	37.00	41.250	836.400	20.427	-5.206	24.019	3.911	7.914	31.496	33.975	5.5316	2.38229	0.00034	43.1738	250.000
1.0703	3853	43.1738	24.507	37.00	41.250	836.602	20.431	-5.206	24.020	3.911	7.914	31.496	33.975	5.5316	2.38207	0.00034	43.1741	250.000

1.0706	3854	43.1741	24.508	37.00	41.250	836.804	20.436	-5.206	24.021	3.911	7.913	31.496	33.975	5.5316	2.38186	0.00034	43.1745	250.000
1.0708	3855	43.1745	24.508	37.00	41.250	837.006	20.441	-5.206	24.023	3.911	7.913	31.496	33.975	5.5316	2.38164	0.00034	43.1748	250.000
1.0711	3856	43.1748	24.508	37.00	41.250	837.208	20.446	-5.206	24.024	3.911	7.913	31.496	33.975	5.5316	2.38143	0.00034	43.1751	250.000
1.0714	3857	43.1751	24.509	37.00	41.250	837.410	20.451	-5.206	24.025	3.912	7.913	31.496	33.975	5.5316	2.38121	0.00034	43.1755	250.000
1.0717	3858	43.1755	24.509	37.00	41.250	837.612	20.456	-5.206	24.027	3.912	7.913	31.496	33.975	5.5316	2.38100	0.00034	43.1758	250.000
1.0719	3859	43.1758	24.509	37.00	41.250	837.814	20.461	-5.206	24.028	3.912	7.912	31.496	33.975	5.5316	2.38078	0.00034	43.1762	250.000
1.0722	3860	43.1762	24.510	37.00	41.250	838.016	20.466	-5.206	24.029	3.912	7.912	31.496	33.975	5.5316	2.38056	0.00034	43.1765	250.000
1.0725	3861	43.1765	24.510	37.00	41.250	838.218	20.471	-5.206	24.031	3.913	7.912	31.496	33.975	5.5316	2.38035	0.00034	43.1768	250.000
1.0728	3862	43.1768	24.510	37.00	41.250	838.420	20.476	-5.206	24.032	3.913	7.912	31.496	33.975	5.5316	2.38013	0.00034	43.1772	250.000
1.0731	3863	43.1772	24.511	37.00	41.250	838.622	20.481	-5.206	24.033	3.913	7.911	31.496	33.975	5.5316	2.37992	0.00034	43.1775	250.000
1.0733	3864	43.1775	24.511	37.00	41.250	838.824	20.486	-5.206	24.035	3.913	7.911	31.496	33.975	5.5316	2.37970	0.00034	43.1779	250.000
1.0736	3865	43.1779	24.511	37.00	41.250	839.026	20.491	-5.206	24.036	3.913	7.911	31.496	33.975	5.5316	2.37949	0.00034	43.1782	250.000
1.0739	3866	43.1782	24.512	37.00	41.250	839.228	20.496	-5.206	24.037	3.914	7.911	31.496	33.975	5.5316	2.37927	0.00034	43.1785	250.000
1.0742	3867	43.1785	24.512	37.00	41.250	839.430	20.501	-5.206	24.039	3.914	7.911	31.496	33.975	5.5316	2.37906	0.00034	43.1789	250.000
1.0744	3868	43.1789	24.512	37.00	41.250	839.632	20.506	-5.206	24.040	3.914	7.910	31.496	33.975	5.5316	2.37884	0.00034	43.1792	250.000
1.0747	3869	43.1792	24.513	37.00	41.250	839.834	20.510	-5.206	24.041	3.914	7.910	31.496	33.975	5.5316	2.37863	0.00034	43.1796	250.000
1.0750	3870	43.1796	24.513	37.00	41.250	840.036	20.515	-5.206	24.043	3.914	7.910	31.496	33.975	5.5316	2.37841	0.00034	43.1799	250.000
1.0753	3871	43.1799	24.513	37.00	41.250	840.238	20.520	-5.206	24.044	3.915	7.910	31.496	33.975	5.5316	2.37820	0.00034	43.1802	250.000
1.0756	3872	43.1802	24.514	37.00	41.250	840.440	20.525	-5.206	24.045	3.915	7.910	31.496	33.975	5.5316	2.37798	0.00034	43.1806	250.000
1.0758	3873	43.1806	24.514	37.00	41.250	840.642	20.530	-5.206	24.047	3.915	7.909	31.496	33.975	5.5316	2.37777	0.00034	43.1809	250.000
1.0761	3874	43.1809	24.514	37.00	41.250	840.844	20.535	-5.206	24.048	3.915	7.909	31.496	33.975	5.5316	2.37755	0.00034	43.1813	250.000
1.0764	3875	43.1813	24.515	37.00	41.250	841.046	20.540	-5.206	24.049	3.916	7.909	31.496	33.975	5.5316	2.37734	0.00034	43.1816	250.000
1.0767	3876	43.1816	24.515	37.00	41.250	841.248	20.545	-5.206	24.051	3.916	7.909	31.496	33.975	5.5316	2.37712	0.00034	43.1819	250.000
1.0769	3877	43.1819	24.515	37.00	41.250	841.450	20.550	-5.206	24.052	3.916	7.908	31.496	33.975	5.5316	2.37690	0.00034	43.1823	250.000
1.0772	3878	43.1823	24.516	37.00	41.250	841.652	20.555	-5.206	24.053	3.916	7.908	31.496	33.975	5.5316	2.37669	0.00034	43.1826	250.000
1.0775	3879	43.1826	24.516	37.00	41.250	841.855	20.560	-5.206	24.055	3.916	7.908	31.496	33.975	5.5316	2.37647	0.00034	43.1830	250.000
1.0778	3880	43.1830	24.516	37.00	41.250	842.057	20.565	-5.206	24.056	3.917	7.908	31.496	33.975	5.5316	2.37626	0.00034	43.1833	250.000
1.0781	3881	43.1833	24.517	37.00	41.250	842.259	20.570	-5.206	24.057	3.917	7.908	31.496	33.975	5.5316	2.37604	0.00034	43.1836	250.000
1.0783	3882	43.1836	24.517	37.00	41.250	842.461	20.575	-5.206	24.058	3.917	7.907	31.496	33.975	5.5316	2.37583	0.00034	43.1840	250.000
1.0786	3883	43.1840	24.517	37.00	41.250	842.663	20.580	-5.206	24.060	3.917	7.907	31.496	33.975	5.5316	2.37561	0.00034	43.1843	250.000
1.0789	3884	43.1843	24.518	37.00	41.250	842.865	20.584	-5.206	24.061	3.917	7.907	31.496	33.975	5.5316	2.37540	0.00034	43.1847	250.000
1.0792	3885	43.1847	24.518	37.00	41.250	843.067	20.589	-5.206	24.062	3.918	7.907	31.496	33.975	5.5316	2.37518	0.00034	43.1850	250.000
1.0794	3886	43.1850	24.518	37.00	41.250	843.269	20.594	-5.206	24.064	3.918	7.907	31.496	33.975	5.5316	2.37497	0.00034	43.1853	250.000
1.0797	3887	43.1853	24.519	37.00	41.250	843.471	20.599	-5.206	24.065	3.918	7.906	31.496	33.975	5.5316	2.37475	0.00034	43.1857	250.000
1.0800	3888	43.1857	24.519	37.00	41.250	843.673	20.604	-5.206	24.066	3.918	7.906	31.496	33.975	5.5316	2.37454	0.00034	43.1860	250.000
1.0803	3889	43.1860	24.519	37.00	41.250	843.875	20.609	-5.206	24.068	3.919	7.906	31.496	33.975	5.5316	2.37433	0.00034	43.1864	250.000
1.0806	3890	43.1864	24.520	37.00	41.250	844.077	20.614	-5.206	24.069	3.919	7.906	31.496	33.975	5.5316	2.37411	0.00034	43.1867	250.000
1.0808	3891	43.1867	24.520	37.00	41.250	844.279	20.619	-5.206	24.070	3.919	7.905	31.496	33.975	5.5316	2.37390	0.00034	43.1870	250.000
1.0811	3892	43.1870	24.520	37.00	41.250	844.481	20.624	-5.206	24.072	3.919	7.905	31.496	33.975	5.5316	2.37368	0.00034	43.1874	250.000
1.0814	3893	43.1874	24.521	37.00	41.250	844.683	20.629	-5.206	24.073	3.919	7.905	31.496	33.975	5.5316	2.37347	0.00034	43.1877	250.000
1.0817	3894	43.1877	24.521	37.00	41.250	844.885	20.634	-5.206	24.074	3.920	7.905	31.496	33.975	5.5316	2.37325	0.00034	43.1880	250.000
1.0819	3895	43.1880	24.521	37.00	41.250	845.087	20.639	-5.206	24.076	3.920	7.905	31.496	33.975	5.5316	2.37304	0.00034	43.1884	250.000
1.0822	3896	43.1884	24.522	37.00	41.250	845.289	20.644	-5.206	24.077	3.920	7.904	31.496	33.975	5.5316	2.37282	0.00034	43.1887	250.000
1.0825	3897	43.1887	24.522	37.00	41.250	845.491	20.649	-5.206	24.078	3.920	7.904	31.496	33.975	5.5316	2.37261	0.00034	43.1891	250.000
1.0828	3898	43.1891	24.522	37.00	41.250	845.693	20.654	-5.206	24.080	3.920	7.904	31.496	33.975	5.5316	2.37239	0.00034	43.1894	250.000
1.0831	3899	43.1894	24.523	37.00	41.250	845.895	20.658	-5.206	24.081	3.921	7.904	31.496	33.975	5.5316	2.37218	0.00034	43.1897	250.000
1.0833	3900	43.1897	24.523	37.00	41.250	846.097	20.663	-5.206	24.082	3.921	7.904	31.496	33.975	5.5316	2.37196	0.00034	43.1901	250.000
1.0836	3901	43.1901	24.523	37.00	41.250	846.299	20.668	-5.206	24.084	3.921	7.903	31.496	33.975	5.5316	2.37175	0.00034	43.1904	250.000
1.0839	3902	43.1904	24.524	37.00	41.250	846.501	20.673	-5.206	24.085	3.921	7.903	31.496	33.975	5.5316	2.37153	0.00034	43.1908	250.000
1.0842	3903	43.1908	24.524	37.00	41.250	846.703	20.678	-5.206	24.086	3.922	7.903	31.496	33.975	5.5316	2.37132	0.00034	43.1911	250.000
1.0844	3904	43.1911	24.524	37.00	41.250	846.905	20.683	-5.206	24.088	3.922	7.903	31.496	33.975	5.5316	2.37110	0.00034	43.1914	250.000
1.0847	3905	43.1914	24.525	37.00	41.250	847.107	20.688	-5.206	24.089	3.922	7.902	31.496	33.975	5.5316	2.37089	0.00034	43.1918	250.000
1.0850	3906	43.1918	24.525	37.00	41.250	847.309	20.693	-5.206	24.090	3.922	7.902	31.496	33.975	5.5316	2.37068	0.00034	43.1921	250.000
1.0853	3907	43.1921	24.526	37.00	41.250	847.511	20.698	-5.206	24.091	3.922	7.902	31.496	33.975	5.5316	2.37046	0.00034	43.1925	250.000
1.0856	3908	43.1925	24.526	37.00	41.250	847.713	20.703	-5.206	24.093	3.923	7.902	31.496	33.975	5.5316	2.37025	0.00034	43.1928	250.000
1.0858	3909	43.1928	24.526	37.00	41.250	847.915	20.708	-5.206	24.094	3.923	7.902	31.496	33.975	5.5316	2.37003	0.00034	43.1931	250.000
1.0861	3910	43.1931	24.527	37.00	41.250	848.117	20.713	-5.206	24.095	3.923	7.901	31.496	33.975	5.5316	2.36982	0.00034	43.1935	250.000
1.0864	3911	43.1935	24.527	37.00	41.250	848.319	20.718	-5.206	24.097	3.923	7.901	31.496	33.975	5.5316	2.36960	0.00034	43.1938	250.000
1.0867	3912	43.1938	24.527	37.00	41.250	848.522	20.723	-5.206	24.098	3.923	7.901	31.496	33.975	5.5316	2.36939	0.00034	43.1941	250.000
1.0869	3913	43.1941	24.528	37.00	41.250	848.724	20.728	-5.206	24.099	3.924	7.901	31.496	33.975	5.5316	2.36917	0.00034	43.1945	250.000
1.0872	3914	43.1945	24.528	37.00	41.250	848.926	20.732	-5.206	24.101	3.924	7.901	31.496	33.975	5.5316	2.36896	0.00034	43.1948	250.000
1.0875	3915	43.1948	24.528	37.00	41.250	849.128	20.737	-5.206	24.102	3.924	7.900	31.496	33.975	5.5316	2.36875	0.00034	43.1952	250.000
1.0878	3916	43.1952	24.529	37.00	41.250	849.330	20.742	-5.206	24.103	3.924	7.900	31.496	33.975	5.5316	2.36853	0.00034	43.1955	250.000
1.0881	3917	43.1955	24.529	37.00	41.250	849.532	20.747	-5.206	24.105	3.925	7.900	31.496	33.975	5.5316	2.36832	0.00034	43.1958	250.000
1.0883	3918	43.1958	24.529	37.00	41.250	849.734	20.752	-5.206	24.106	3.925	7.900	31.496	33.975	5.5316	2.36810	0.00034	43.1962	250.000
1.0886	3919	43.1962	24.530	37.00	41.250	849.936	20.757	-5.206	24.107	3.925	7.899	31.496	33.975	5.5316	2.36789	0.00034	43.1965	250.000
1.0889	3920	43.1965	24.530	37.00	41.250	850.138	20.762	-5.206	24.109	3.925	7.899	31.496	33.975	5.5316	2.36767	0.00034	43.1969	250.000
1.0892	3921	43.1969	24.530	37.00	41.250	850.340	20.767	-5.206	24.110	3.925	7.899	31.496	33.975	5.5316	2.36746	0.00034	43.1972	250.000
1.0894	3922	43.1972	24.531	37.00	41.250	850.542	20.772	-5.206	24.111	3.926	7.899	31.496	33.975	5.5316	2.36724	0.00034	43.1975	250.000
1.0897	3923	43.1975	24.531	37.00	41.250	850.744	20.777	-5.206	24.113	3.926	7.899	31.496	33.975	5.5316	2.36703	0.00034	43.1979	250.000
1.0900	3924	43.1979	24.531	37.00	41.250	850.946	20.782	-5.206	24.114	3.926	7.898	31.496	33.975	5.5316	2.36682	0.00034	43.1982	250.000
1.0903	3925	43.1982	24.532	37.00	41.250	851.148	20.787	-5.206	24.115	3.926	7.898	31.496	33.975	5.5316	2.36660	0.00034	43.1985	250.000
1.0906	3926	43.1985	24.532	37.00	41.250	851.350	20.792	-5.206	24.116	3.926	7.898	31.496	33.975	5.5316	2.36639	0.00034	43.1989	250.000
1.0908	3927	43.1989	24.532	37.00	41.250	851.552	20.797	-5.206	24.118	3.927	7.898	31.496	33.975	5.5316	2.36617	0.00034	43.1992	250.000
1.0911	3928	43.1992	24.533	37.00	41.250	851.754	20.802	-5.206	24.119	3.927	7.898	31.496	33.975	5.5316	2.36596	0.00034	43.1996	250.000
1.0914	3929	43.1996	24.533	37.00	41.250	851.956	20.806	-5.206	24.120	3.927	7.897	31.496	33.975	5.5316	2.36575	0.00034	43.1999	250.000
1.0917	3930	43.1999	24.533	37.00	41.250	852.158	20.811	-5.206	24.122	3.927	7.897	31.496	33.975	5.5316	2.36553	0.00034	43.2002	250.000
1.0919	3931	43.2002	24.534	37.00	41.250	852.360	20.816	-5.206	24.123	3.928	7.897	31.496	33.975	5.5316	2.36532	0.00034	43.2006	250.000
1.0922	3932	43.2006	24.534	37.00	41.250	852.562	20.821	-5.206	24.124	3.928	7.897	31.496	33.975	5.5316	2.36510	0.00034	43.2009	250.000
1.0925	3933	43.2009	24.534	37.00	41.250	852.764	20.826	-5.206	24.126	3.928	7.896	31.496	33.975	5.5316	2.36489	0.00034	43.2012	250.000
1.0928	3934	43.2012	24.535	37.00	41.250	852.966	20.831	-5.206	24.127	3.928	7.896	31.496	33.975	5.5316	2.36468	0.00034	43.2016	250.000

1.0931	3935	43.2016	24.535	37.00	41.250	853.168	20.836	-5.206	24.128	3.928	7.896	31.496	33.975	5.5316	2.36446	0.00034	43.2019	250.000
1.0933	3936	43.2019	24.535	37.00	41.250	853.370	20.841	-5.206	24.130	3.929	7.896	31.496	33.975	5.5316	2.36425	0.00034	43.2023	250.000
1.0936	3937	43.2023	24.536	37.00	41.250	853.572	20.846	-5.206	24.131	3.929	7.896	31.496	33.975	5.5316	2.36403	0.00034	43.2026	250.000
1.0939	3938	43.2026	24.536	37.00	41.250	853.774	20.851	-5.206	24.132	3.929	7.895	31.496	33.975	5.5316	2.36382	0.00034	43.2029	250.000
1.0942	3939	43.2029	24.536	37.00	41.250	853.976	20.856	-5.206	24.134	3.929	7.895	31.496	33.975	5.5316	2.36361	0.00034	43.2033	250.000
1.0944	3940	43.2033	24.537	37.00	41.250	854.178	20.861	-5.206	24.135	3.929	7.895	31.496	33.975	5.5316	2.36339	0.00034	43.2036	250.000
1.0947	3941	43.2036	24.537	37.00	41.250	854.380	20.866	-5.206	24.136	3.930	7.895	31.496	33.975	5.5316	2.36318	0.00034	43.2039	250.000
1.0950	3942	43.2039	24.537	37.00	41.250	854.582	20.871	-5.206	24.138	3.930	7.895	31.496	33.975	5.5316	2.36296	0.00034	43.2043	250.000
1.0953	3943	43.2043	24.538	37.00	41.250	854.784	20.876	-5.206	24.139	3.930	7.894	31.496	33.975	5.5316	2.36275	0.00034	43.2046	250.000
1.0956	3944	43.2046	24.538	37.00	41.250	854.986	20.880	-5.206	24.140	3.930	7.894	31.496	33.975	5.5316	2.36254	0.00034	43.2050	250.000
1.0958	3945	43.2050	24.538	37.00	41.250	855.188	20.885	-5.206	24.141	3.931	7.894	31.496	33.975	5.5316	2.36232	0.00034	43.2053	250.000
1.0961	3946	43.2053	24.539	37.00	41.250	855.391	20.890	-5.206	24.143	3.931	7.894	31.496	33.975	5.5316	2.36211	0.00034	43.2056	250.000
1.0964	3947	43.2056	24.539	37.00	41.250	855.593	20.895	-5.206	24.144	3.931	7.893	31.496	33.975	5.5316	2.36190	0.00034	43.2060	250.000
1.0967	3948	43.2060	24.539	37.00	41.250	855.795	20.900	-5.206	24.145	3.931	7.893	31.496	33.975	5.5316	2.36168	0.00034	43.2063	250.000
1.0969	3949	43.2063	24.540	37.00	41.250	855.997	20.905	-5.206	24.147	3.931	7.893	31.496	33.975	5.5316	2.36147	0.00034	43.2066	250.000
1.0972	3950	43.2066	24.540	37.00	41.250	856.199	20.910	-5.206	24.148	3.932	7.893	31.496	33.975	5.5316	2.36125	0.00034	43.2070	250.000
1.0975	3951	43.2070	24.540	37.00	41.250	856.401	20.915	-5.206	24.149	3.932	7.893	31.496	33.975	5.5316	2.36104	0.00034	43.2073	250.000
1.0978	3952	43.2073	24.541	37.00	41.250	856.603	20.920	-5.206	24.151	3.932	7.892	31.496	33.975	5.5316	2.36083	0.00034	43.2077	250.000
1.0981	3953	43.2077	24.541	37.00	41.250	856.805	20.925	-5.206	24.152	3.932	7.892	31.496	33.975	5.5316	2.36061	0.00034	43.2080	250.000
1.0983	3954	43.2080	24.541	37.00	41.250	857.007	20.930	-5.206	24.153	3.932	7.892	31.496	33.975	5.5316	2.36040	0.00034	43.2083	250.000
1.0986	3955	43.2083	24.542	37.00	41.250	857.209	20.935	-5.206	24.155	3.933	7.892	31.496	33.975	5.5316	2.36019	0.00034	43.2087	250.000
1.0989	3956	43.2087	24.542	37.00	41.250	857.411	20.940	-5.206	24.156	3.933	7.892	31.496	33.975	5.5316	2.35997	0.00034	43.2090	250.000
1.0992	3957	43.2090	24.542	37.00	41.250	857.613	20.945	-5.206	24.157	3.933	7.891	31.496	33.975	5.5316	2.35976	0.00034	43.2093	250.000
1.0994	3958	43.2093	24.543	37.00	41.250	857.815	20.950	-5.206	24.159	3.933	7.891	31.496	33.975	5.5316	2.35955	0.00034	43.2097	250.000
1.0997	3959	43.2097	24.543	37.00	41.250	858.017	20.954	-5.206	24.160	3.934	7.891	31.496	33.975	5.5316	2.35933	0.00034	43.2100	250.000
1.1000	3960	43.2100	24.543	37.00	41.250	858.219	20.959	-5.206	24.161	3.934	7.891	31.496	33.975	5.5316	2.35912	0.00034	43.2104	250.000
1.1003	3961	43.2104	24.544	37.00	41.250	858.421	20.964	-5.206	24.162	3.934	7.890	31.496	33.975	5.5316	2.35890	0.00034	43.2107	250.000
1.1006	3962	43.2107	24.544	37.00	41.250	858.623	20.969	-5.206	24.164	3.934	7.890	31.496	33.975	5.5316	2.35869	0.00034	43.2110	250.000
1.1008	3963	43.2110	24.544	37.00	41.250	858.825	20.974	-5.206	24.165	3.934	7.890	31.496	33.975	5.5316	2.35848	0.00034	43.2114	250.000
1.1011	3964	43.2114	24.545	37.00	41.250	859.027	20.979	-5.206	24.166	3.935	7.890	31.496	33.975	5.5316	2.35826	0.00034	43.2117	250.000
1.1014	3965	43.2117	24.545	37.00	41.250	859.229	20.984	-5.206	24.168	3.935	7.890	31.496	33.975	5.5316	2.35805	0.00034	43.2120	250.000
1.1017	3966	43.2120	24.545	37.00	41.250	859.431	20.989	-5.206	24.169	3.935	7.889	31.496	33.975	5.5316	2.35784	0.00034	43.2124	250.000
1.1019	3967	43.2124	24.546	37.00	41.250	859.633	20.994	-5.206	24.170	3.935	7.889	31.496	33.975	5.5316	2.35762	0.00034	43.2127	250.000
1.1022	3968	43.2127	24.546	37.00	41.250	859.835	20.999	-5.206	24.172	3.935	7.889	31.496	33.975	5.5316	2.35741	0.00034	43.2130	250.000
1.1025	3969	43.2130	24.546	37.00	41.250	860.037	21.004	-5.206	24.173	3.936	7.889	31.496	33.975	5.5316	2.35720	0.00034	43.2134	250.000
1.1028	3970	43.2134	24.547	37.00	41.250	860.239	21.009	-5.206	24.174	3.936	7.889	31.496	33.975	5.5316	2.35698	0.00034	43.2137	250.000
1.1031	3971	43.2137	24.547	37.00	41.250	860.441	21.014	-5.206	24.176	3.936	7.888	31.496	33.975	5.5316	2.35677	0.00034	43.2141	250.000
1.1033	3972	43.2141	24.547	37.00	41.250	860.643	21.019	-5.206	24.177	3.936	7.888	31.496	33.975	5.5316	2.35656	0.00034	43.2144	250.000
1.1036	3973	43.2144	24.548	37.00	41.250	860.845	21.024	-5.206	24.178	3.937	7.888	31.496	33.975	5.5316	2.35634	0.00034	43.2147	250.000
1.1039	3974	43.2147	24.548	37.00	41.250	861.047	21.029	-5.206	24.179	3.937	7.888	31.496	33.975	5.5316	2.35613	0.00034	43.2151	250.000
1.1042	3975	43.2151	24.548	37.00	41.250	861.249	21.033	-5.206	24.181	3.937	7.887	31.496	33.975	5.5316	2.35592	0.00034	43.2154	250.000
1.1044	3976	43.2154	24.549	37.00	41.250	861.451	21.038	-5.206	24.182	3.937	7.887	31.496	33.975	5.5316	2.35570	0.00034	43.2157	250.000
1.1047	3977	43.2157	24.549	37.00	41.250	861.653	21.043	-5.206	24.183	3.937	7.887	31.496	33.975	5.5316	2.35549	0.00034	43.2161	250.000
1.1050	3978	43.2161	24.549	37.00	41.250	861.855	21.048	-5.206	24.185	3.938	7.887	31.496	33.975	5.5316	2.35528	0.00034	43.2164	250.000
1.1053	3979	43.2164	24.550	37.00	41.250	862.058	21.053	-5.206	24.186	3.938	7.887	31.496	33.975	5.5316	2.35507	0.00034	43.2168	250.000
1.1056	3980	43.2168	24.550	37.00	41.250	862.260	21.058	-5.206	24.187	3.938	7.886	31.496	33.975	5.5316	2.35485	0.00034	43.2171	250.000
1.1058	3981	43.2171	24.550	37.00	41.250	862.462	21.063	-5.206	24.189	3.938	7.886	31.496	33.975	5.5316	2.35464	0.00034	43.2174	250.000
1.1061	3982	43.2174	24.551	37.00	41.250	862.664	21.068	-5.206	24.190	3.938	7.886	31.496	33.975	5.5316	2.35443	0.00034	43.2178	250.000
1.1064	3983	43.2178	24.551	37.00	41.250	862.866	21.073	-5.206	24.191	3.939	7.886	31.496	33.975	5.5316	2.35421	0.00034	43.2181	250.000
1.1067	3984	43.2181	24.551	37.00	41.250	863.068	21.078	-5.206	24.193	3.939	7.886	31.496	33.975	5.5316	2.35400	0.00034	43.2184	250.000
1.1069	3985	43.2184	24.552	37.00	41.250	863.270	21.083	-5.206	24.194	3.939	7.885	31.496	33.975	5.5316	2.35379	0.00034	43.2188	250.000
1.1072	3986	43.2188	24.552	37.00	41.250	863.472	21.088	-5.206	24.195	3.939	7.885	31.496	33.975	5.5316	2.35357	0.00034	43.2191	250.000
1.1075	3987	43.2191	24.552	37.00	41.250	863.674	21.093	-5.206	24.197	3.940	7.885	31.496	33.975	5.5316	2.35336	0.00034	43.2194	250.000
1.1078	3988	43.2194	24.553	37.00	41.250	863.876	21.098	-5.206	24.198	3.940	7.885	31.496	33.975	5.5316	2.35315	0.00034	43.2198	250.000
1.1081	3989	43.2198	24.553	37.00	41.250	864.078	21.103	-5.206	24.199	3.940	7.884	31.496	33.975	5.5316	2.35294	0.00034	43.2201	250.000
1.1083	3990	43.2201	24.554	37.00	41.250	864.280	21.107	-5.206	24.200	3.940	7.884	31.496	33.975	5.5316	2.35272	0.00034	43.2205	250.000
1.1086	3991	43.2205	24.554	37.00	41.250	864.482	21.112	-5.206	24.202	3.940	7.884	31.496	33.975	5.5316	2.35251	0.00034	43.2208	250.000
1.1089	3992	43.2208	24.554	37.00	41.250	864.684	21.117	-5.206	24.203	3.941	7.884	31.496	33.975	5.5316	2.35230	0.00034	43.2211	250.000
1.1092	3993	43.2211	24.555	37.00	41.250	864.886	21.122	-5.206	24.204	3.941	7.884	31.496	33.975	5.5316	2.35208	0.00034	43.2215	250.000
1.1094	3994	43.2215	24.555	37.00	41.250	865.088	21.127	-5.206	24.206	3.941	7.883	31.496	33.975	5.5316	2.35187	0.00034	43.2218	250.000
1.1097	3995	43.2218	24.555	37.00	41.250	865.290	21.132	-5.206	24.207	3.941	7.883	31.496	33.975	5.5316	2.35166	0.00034	43.2221	250.000
1.1100	3996	43.2221	24.556	37.00	41.250	865.492	21.137	-5.206	24.208	3.941	7.883	31.496	33.975	5.5316	2.35144	0.00034	43.2225	250.000
1.1103	3997	43.2225	24.556	37.00	41.250	865.694	21.142	-5.206	24.210	3.942	7.883	31.496	33.975	5.5316	2.35123	0.00034	43.2228	250.000
1.1106	3998	43.2228	24.556	37.00	41.250	865.896	21.147	-5.206	24.211	3.942	7.883	31.496	33.975	5.5316	2.35102	0.00034	43.2231	250.000
1.1108	3999	43.2231	24.557	37.00	41.250	866.098	21.152	-5.206	24.212	3.942	7.882	31.496	33.975	5.5316	2.35081	0.00034	43.2235	250.000
1.1111	4000	43.2235	24.557	37.00	41.250	866.300	21.157	-5.206	24.213	3.942	7.882	31.496	33.975	5.5316	2.35059	0.00034	43.2238	250.000
1.1114	4001	43.2238	24.557	37.00	41.250	866.502	21.162	-5.206	24.215	3.942	7.882	31.496	33.975	5.5316	2.35038	0.00034	43.2241	250.000
1.1117	4002	43.2241	24.558	37.00	41.250	866.704	21.167	-5.206	24.216	3.943	7.882	31.496	33.975	5.5316	2.35017	0.00034	43.2245	250.000
1.1119	4003	43.2245	24.558	37.00	41.250	866.906	21.172	-5.206	24.217	3.943	7.882	31.496	33.975	5.5316	2.34996	0.00034	43.2248	250.000
1.1122	4004	43.2248	24.558	37.00	41.250	867.108	21.177	-5.206	24.219	3.943	7.881	31.496	33.975	5.5316	2.34974	0.00034	43.2252	250.000
1.1125	4005	43.2252	24.559	37.00	41.250	867.310	21.181	-5.206	24.220	3.943	7.881	31.496	33.975	5.5316	2.34953	0.00034	43.2255	250.000
1.1128	4006	43.2255	24.559	37.00	41.250	867.512	21.186	-5.206	24.221	3.944	7.881	31.496	33.975	5.5316	2.34932	0.00034	43.2258	250.000
1.1131	4007	43.2258	24.559	37.00	41.250	867.714	21.191	-5.206	24.223	3.944	7.881	31.496	33.975	5.5316	2.34911	0.00034	43.2262	250.000
1.1133	4008	43.2262	24.560	37.00	41.250	867.916	21.196	-5.206	24.224	3.944	7.880	31.496	33.975	5.5316	2.34889	0.00034	43.2265	250.000
1.1136	4009	43.2265	24.560	37.00	41.250	868.118	21.201	-5.206	24.225	3.944	7.880	31.496	33.975	5.5316	2.34868	0.00034	43.2268	250.000
1.1139	4010	43.2268	24.560	37.00	41.250	868.320	21.206	-5.206	24.227	3.944	7.880	31.496	33.975	5.5316	2.34847	0.00034	43.2272	250.000
1.1142	4011	43.2272	24.561	37.00	41.250	868.522	21.211	-5.206	24.228	3.945	7.880	31.496	33.975	5.5316	2.34826	0.00034	43.2275	250.000
1.1144	4012	43.2275	24.561	37.00	41.250	868.724	21.216	-5.206	24.229	3.945	7.880	31.496	33.975	5.5316	2.34804	0.00034	43.2278	250.000
1.1147	4013	43.2278	24.561	37.00	41.250	868.927	21.221	-5.206	24.230	3.945	7.879	31.496	33.975	5.5316	2.34783	0.00034	43.2282	250.000
1.1150	4014	43.2282	24.562	37.00	41.250	869.129	21.226	-5.206	24.232	3.945	7.879	31.496	33.975	5.5316	2.34762	0.00034	43.2285	250.000
1.1153	4015	43.2285	24.562	37.00	41.250	869.331	21.231	-5.206	24.233	3.945	7.879	31.496	33.975	5.5316	2.34741	0.00034	43.2288	250.000

1.1156	4016	43.2288	24.562	37.00	41.250	869.533	21.236	-5.206	24.234	3.946	7.879	31.496	33.975	5.5316	2.34719	0.00034	43.2292	250.000
1.1158	4017	43.2292	24.563	37.00	41.250	869.735	21.241	-5.206	24.236	3.946	7.879	31.496	33.975	5.5316	2.34698	0.00034	43.2295	250.000
1.1161	4018	43.2295	24.563	37.00	41.250	869.937	21.246	-5.206	24.237	3.946	7.878	31.496	33.975	5.5316	2.34677	0.00034	43.2298	250.000
1.1164	4019	43.2298	24.563	37.00	41.250	870.139	21.251	-5.206	24.238	3.946	7.878	31.496	33.975	5.5316	2.34656	0.00034	43.2302	250.000
1.1167	4020	43.2302	24.564	37.00	41.250	870.341	21.255	-5.206	24.240	3.947	7.878	31.496	33.975	5.5316	2.34634	0.00034	43.2305	250.000
1.1169	4021	43.2305	24.564	37.00	41.250	870.543	21.260	-5.206	24.241	3.947	7.878	31.496	33.975	5.5316	2.34613	0.00034	43.2309	250.000
1.1172	4022	43.2309	24.564	37.00	41.250	870.745	21.265	-5.206	24.242	3.947	7.877	31.496	33.975	5.5316	2.34592	0.00034	43.2312	250.000
1.1175	4023	43.2312	24.565	37.00	41.250	870.947	21.270	-5.206	24.244	3.947	7.877	31.496	33.975	5.5316	2.34571	0.00034	43.2315	250.000
1.1178	4024	43.2315	24.565	37.00	41.250	871.149	21.275	-5.206	24.245	3.947	7.877	31.496	33.975	5.5316	2.34549	0.00034	43.2319	250.000
1.1181	4025	43.2319	24.565	37.00	41.250	871.351	21.280	-5.206	24.246	3.948	7.877	31.496	33.975	5.5316	2.34528	0.00034	43.2322	250.000
1.1183	4026	43.2322	24.566	37.00	41.250	871.553	21.285	-5.206	24.247	3.948	7.877	31.496	33.975	5.5316	2.34507	0.00034	43.2325	250.000
1.1186	4027	43.2325	24.566	37.00	41.250	871.755	21.290	-5.206	24.249	3.948	7.876	31.496	33.975	5.5316	2.34486	0.00033	43.2329	250.000
1.1189	4028	43.2329	24.566	37.00	41.250	871.957	21.295	-5.206	24.250	3.948	7.876	31.496	33.975	5.5316	2.34465	0.00033	43.2332	250.000
1.1192	4029	43.2332	24.567	37.00	41.250	872.159	21.300	-5.206	24.251	3.948	7.876	31.496	33.975	5.5316	2.34443	0.00033	43.2335	250.000
1.1194	4030	43.2335	24.567	37.00	41.250	872.361	21.305	-5.206	24.253	3.949	7.876	31.496	33.975	5.5316	2.34422	0.00033	43.2339	250.000
1.1197	4031	43.2339	24.567	37.00	41.250	872.563	21.310	-5.206	24.254	3.949	7.876	31.496	33.975	5.5316	2.34401	0.00033	43.2342	250.000
1.1200	4032	43.2342	24.568	37.00	41.250	872.765	21.315	-5.206	24.255	3.949	7.875	31.496	33.975	5.5316	2.34380	0.00033	43.2345	250.000
1.1203	4033	43.2345	24.568	37.00	41.250	872.967	21.320	-5.206	24.257	3.949	7.875	31.496	33.975	5.5316	2.34358	0.00033	43.2349	250.000
1.1206	4034	43.2349	24.568	37.00	41.250	873.169	21.325	-5.206	24.258	3.950	7.875	31.496	33.975	5.5316	2.34337	0.00033	43.2352	250.000
1.1208	4035	43.2352	24.569	37.00	41.250	873.371	21.329	-5.206	24.259	3.950	7.875	31.496	33.975	5.5316	2.34316	0.00033	43.2355	250.000
1.1211	4036	43.2355	24.569	37.00	41.250	873.573	21.334	-5.206	24.260	3.950	7.875	31.496	33.975	5.5316	2.34295	0.00033	43.2359	250.000
1.1214	4037	43.2359	24.569	37.00	41.250	873.775	21.339	-5.206	24.262	3.950	7.874	31.496	33.975	5.5316	2.34274	0.00033	43.2362	250.000
1.1217	4038	43.2362	24.570	37.00	41.250	873.977	21.344	-5.206	24.263	3.950	7.874	31.496	33.975	5.5316	2.34252	0.00033	43.2365	250.000
1.1219	4039	43.2365	24.570	37.00	41.250	874.179	21.349	-5.206	24.264	3.951	7.874	31.496	33.975	5.5316	2.34231	0.00033	43.2369	250.000
1.1222	4040	43.2369	24.570	37.00	41.250	874.381	21.354	-5.206	24.266	3.951	7.874	31.496	33.975	5.5316	2.34210	0.00033	43.2372	250.000
1.1225	4041	43.2372	24.571	37.00	41.250	874.583	21.359	-5.206	24.267	3.951	7.873	31.496	33.975	5.5316	2.34189	0.00033	43.2376	250.000
1.1228	4042	43.2376	24.571	37.00	41.250	874.785	21.364	-5.206	24.268	3.951	7.873	31.496	33.975	5.5316	2.34168	0.00033	43.2379	250.000
1.1231	4043	43.2379	24.571	37.00	41.250	874.987	21.369	-5.206	24.270	3.951	7.873	31.496	33.975	5.5316	2.34146	0.00033	43.2382	250.000
1.1233	4044	43.2382	24.572	37.00	41.250	875.189	21.374	-5.206	24.271	3.952	7.873	31.496	33.975	5.5316	2.34125	0.00033	43.2386	250.000
1.1236	4045	43.2386	24.572	37.00	41.250	875.391	21.379	-5.206	24.272	3.952	7.873	31.496	33.975	5.5316	2.34104	0.00033	43.2389	250.000
1.1239	4046	43.2389	24.572	37.00	41.250	875.594	21.384	-5.206	24.273	3.952	7.872	31.496	33.975	5.5316	2.34083	0.00033	43.2392	250.000
1.1242	4047	43.2392	24.573	37.00	41.250	875.796	21.389	-5.206	24.275	3.952	7.872	31.496	33.975	5.5316	2.34062	0.00033	43.2396	250.000
1.1244	4048	43.2396	24.573	37.00	41.250	875.998	21.394	-5.206	24.276	3.952	7.872	31.496	33.975	5.5316	2.34041	0.00033	43.2399	250.000
1.1247	4049	43.2399	24.573	37.00	41.250	876.200	21.399	-5.206	24.277	3.953	7.872	31.496	33.975	5.5316	2.34019	0.00033	43.2402	250.000
1.1250	4050	43.2402	24.574	37.00	41.250	876.402	21.403	-5.206	24.279	3.953	7.872	31.496	33.975	5.5316	2.33998	0.00033	43.2406	250.000
1.1253	4051	43.2406	24.574	37.00	41.250	876.604	21.408	-5.206	24.280	3.953	7.871	31.496	33.975	5.5316	2.33977	0.00033	43.2409	250.000
1.1256	4052	43.2409	24.574	37.00	41.250	876.806	21.413	-5.206	24.281	3.953	7.871	31.496	33.975	5.5316	2.33956	0.00033	43.2412	250.000
1.1258	4053	43.2412	24.575	37.00	41.250	877.008	21.418	-5.206	24.283	3.954	7.871	31.496	33.975	5.5316	2.33935	0.00033	43.2416	250.000
1.1261	4054	43.2416	24.575	37.00	41.250	877.210	21.423	-5.206	24.284	3.954	7.871	31.496	33.975	5.5316	2.33913	0.00033	43.2419	250.000
1.1264	4055	43.2419	24.575	37.00	41.250	877.412	21.428	-5.206	24.285	3.954	7.870	31.496	33.975	5.5316	2.33892	0.00033	43.2422	250.000
1.1267	4056	43.2422	24.576	37.00	41.250	877.614	21.433	-5.206	24.286	3.954	7.870	31.496	33.975	5.5316	2.33871	0.00033	43.2426	250.000
1.1269	4057	43.2426	24.576	37.00	41.250	877.816	21.438	-5.206	24.288	3.954	7.870	31.496	33.975	5.5316	2.33850	0.00033	43.2429	250.000
1.1272	4058	43.2429	24.576	37.00	41.250	878.018	21.443	-5.206	24.289	3.955	7.870	31.496	33.975	5.5316	2.33829	0.00033	43.2432	250.000
1.1275	4059	43.2432	24.577	37.00	41.250	878.220	21.448	-5.206	24.290	3.955	7.870	31.496	33.975	5.5316	2.33808	0.00033	43.2436	250.000
1.1278	4060	43.2436	24.577	37.00	41.250	878.422	21.453	-5.206	24.292	3.955	7.869	31.496	33.975	5.5316	2.33787	0.00033	43.2439	250.000
1.1281	4061	43.2439	24.577	37.00	41.250	878.624	21.458	-5.206	24.293	3.955	7.869	31.496	33.975	5.5316	2.33765	0.00033	43.2442	250.000
1.1283	4062	43.2442	24.578	37.00	41.250	878.826	21.463	-5.206	24.294	3.955	7.869	31.496	33.975	5.5316	2.33744	0.00033	43.2446	250.000
1.1286	4063	43.2446	24.578	37.00	41.250	879.028	21.468	-5.206	24.296	3.956	7.869	31.496	33.975	5.5316	2.33723	0.00033	43.2449	250.000
1.1289	4064	43.2449	24.578	37.00	41.250	879.230	21.473	-5.206	24.297	3.956	7.869	31.496	33.975	5.5316	2.33702	0.00033	43.2452	250.000
1.1292	4065	43.2452	24.579	37.00	41.250	879.432	21.477	-5.206	24.298	3.956	7.868	31.496	33.975	5.5316	2.33681	0.00033	43.2456	250.000
1.1294	4066	43.2456	24.579	37.00	41.250	879.634	21.482	-5.206	24.299	3.956	7.868	31.496	33.975	5.5316	2.33660	0.00033	43.2459	250.000
1.1297	4067	43.2459	24.579	37.00	41.250	879.836	21.487	-5.206	24.301	3.956	7.868	31.496	33.975	5.5316	2.33638	0.00033	43.2462	250.000
1.1300	4068	43.2462	24.580	37.00	41.250	880.038	21.492	-5.206	24.302	3.957	7.868	31.496	33.975	5.5316	2.33617	0.00033	43.2466	250.000
1.1303	4069	43.2466	24.580	37.00	41.250	880.240	21.497	-5.206	24.303	3.957	7.868	31.496	33.975	5.5316	2.33596	0.00033	43.2469	250.000
1.1306	4070	43.2469	24.580	37.00	41.250	880.442	21.502	-5.206	24.305	3.957	7.867	31.496	33.975	5.5316	2.33575	0.00033	43.2472	250.000
1.1308	4071	43.2472	24.581	37.00	41.250	880.644	21.507	-5.206	24.306	3.957	7.867	31.496	33.975	5.5316	2.33554	0.00033	43.2476	250.000
1.1311	4072	43.2476	24.581	37.00	41.250	880.846	21.512	-5.206	24.307	3.958	7.867	31.496	33.975	5.5316	2.33533	0.00033	43.2479	250.000
1.1314	4073	43.2479	24.581	37.00	41.250	881.048	21.517	-5.206	24.309	3.958	7.867	31.496	33.975	5.5316	2.33512	0.00033	43.2482	250.000
1.1317	4074	43.2482	24.582	37.00	41.250	881.250	21.522	-5.206	24.310	3.958	7.866	31.496	33.975	5.5316	2.33491	0.00033	43.2486	250.000
1.1319	4075	43.2486	24.582	37.00	41.250	881.452	21.527	-5.206	24.311	3.958	7.866	31.496	33.975	5.5316	2.33469	0.00033	43.2489	250.000
1.1322	4076	43.2489	24.582	37.00	41.250	881.654	21.532	-5.206	24.312	3.958	7.866	31.496	33.975	5.5316	2.33448	0.00033	43.2492	250.000
1.1325	4077	43.2492	24.583	37.00	41.250	881.856	21.537	-5.206	24.314	3.959	7.866	31.496	33.975	5.5316	2.33427	0.00033	43.2496	250.000
1.1328	4078	43.2496	24.583	37.00	41.250	882.058	21.542	-5.206	24.315	3.959	7.866	31.496	33.975	5.5316	2.33406	0.00033	43.2499	250.000
1.1331	4079	43.2499	24.583	37.00	41.250	882.261	21.547	-5.206	24.316	3.959	7.865	31.496	33.975	5.5316	2.33385	0.00033	43.2502	250.000
1.1333	4080	43.2502	24.584	37.00	41.250	882.463	21.552	-5.206	24.318	3.959	7.865	31.496	33.975	5.5316	2.33364	0.00033	43.2506	250.000
1.1336	4081	43.2506	24.584	37.00	41.250	882.665	21.556	-5.206	24.319	3.959	7.865	31.496	33.975	5.5316	2.33343	0.00033	43.2509	250.000
1.1339	4082	43.2509	24.584	37.00	41.250	882.867	21.561	-5.206	24.320	3.960	7.865	31.496	33.975	5.5316	2.33322	0.00033	43.2512	250.000
1.1342	4083	43.2512	24.585	37.00	41.250	883.069	21.566	-5.206	24.322	3.960	7.865	31.496	33.975	5.5316	2.33300	0.00033	43.2516	250.000
1.1344	4084	43.2516	24.585	37.00	41.250	883.271	21.571	-5.206	24.323	3.960	7.864	31.496	33.975	5.5316	2.33279	0.00033	43.2519	250.000
1.1347	4085	43.2519	24.585	37.00	41.250	883.473	21.576	-5.206	24.324	3.960	7.864	31.496	33.975	5.5316	2.33258	0.00033	43.2522	250.000
1.1350	4086	43.2522	24.586	37.00	41.250	883.675	21.581	-5.206	24.325	3.961	7.864	31.496	33.975	5.5316	2.33237	0.00033	43.2526	250.000
1.1353	4087	43.2526	24.586	37.00	41.250	883.877	21.586	-5.206	24.327	3.961	7.864	31.496	33.975	5.5316	2.33216	0.00033	43.2529	250.000
1.1356	4088	43.2529	24.586	37.00	41.250	884.079	21.591	-5.206	24.328	3.961	7.864	31.496	33.975	5.5316	2.33195	0.00033	43.2532	250.000
1.1358	4089	43.2532	24.587	37.00	41.250	884.281	21.596	-5.206	24.329	3.961	7.863	31.496	33.975	5.5316	2.33174	0.00033	43.2536	250.000
1.1361	4090	43.2536	24.587	37.00	41.250	884.483	21.601	-5.206	24.331	3.961	7.863	31.496	33.975	5.5316	2.33153	0.00033	43.2539	250.000
1.1364	4091	43.2539	24.587	37.00	41.250	884.685	21.606	-5.206	24.332	3.962	7.863	31.496	33.975	5.5316	2.33132	0.00033	43.2542	250.000
1.1367	4092	43.2542	24.588	37.00	41.250	884.887	21.611	-5.206	24.333	3.962	7.863	31.496	33.975	5.5316	2.33110	0.00033	43.2546	250.000
1.1369	4093	43.2546	24.588	37.00	41.250	885.089	21.616	-5.206	24.334	3.962	7.862	31.496	33.975	5.5316	2.33089	0.00033	43.2549	250.000
1.1372	4094	43.2549	24.588	37.00	41.250	885.291	21.621	-5.206	24.336	3.962	7.862	31.496	33.975	5.5316	2.33068	0.00033	43.2552	250.000
1.1375	4095	43.2552	24.589	37.00	41.250	885.493	21.626	-5.206	24.337	3.962	7.862	31.496	33.975	5.5316	2.33047	0.00033	43.2556	250.000
1.1378	4096	43.2556	24.589	37.00	41.250	885.695	21.630	-5.206	24.338	3.963	7.862	31.496	33.975	5.5316	2.33026	0.00033	43.2559	250.000

1.1381	4097	43.2559	24.589	37.00	41.250	885.897	21.635	-5.206	24.340	3.963	7.862	31.496	33.975	5.5316	2.33005	0.00033	43.2562	250.000
1.1383	4098	43.2562	24.590	37.00	41.250	886.099	21.640	-5.206	24.341	3.963	7.861	31.496	33.975	5.5316	2.32984	0.00033	43.2566	250.000
1.1386	4099	43.2566	24.590	37.00	41.250	886.301	21.645	-5.206	24.342	3.963	7.861	31.496	33.975	5.5316	2.32963	0.00033	43.2569	250.000
1.1389	4100	43.2569	24.590	37.00	41.250	886.503	21.650	-5.206	24.344	3.963	7.861	31.496	33.975	5.5316	2.32942	0.00033	43.2572	250.000
1.1392	4101	43.2572	24.591	37.00	41.250	886.705	21.655	-5.206	24.345	3.964	7.861	31.496	33.975	5.5316	2.32921	0.00033	43.2576	250.000
1.1394	4102	43.2576	24.591	37.00	41.250	886.907	21.660	-5.206	24.346	3.964	7.861	31.496	33.975	5.5316	2.32900	0.00033	43.2579	250.000
1.1397	4103	43.2579	24.591	37.00	41.250	887.109	21.665	-5.206	24.347	3.964	7.860	31.496	33.975	5.5316	2.32879	0.00033	43.2582	250.000
1.1400	4104	43.2582	24.592	37.00	41.250	887.311	21.670	-5.206	24.349	3.964	7.860	31.496	33.975	5.5316	2.32857	0.00033	43.2586	250.000
1.1403	4105	43.2586	24.592	37.00	41.250	887.513	21.675	-5.206	24.350	3.965	7.860	31.496	33.975	5.5316	2.32836	0.00033	43.2589	250.000
1.1406	4106	43.2589	24.592	37.00	41.250	887.715	21.680	-5.206	24.351	3.965	7.860	31.496	33.975	5.5316	2.32815	0.00033	43.2592	250.000
1.1408	4107	43.2592	24.593	37.00	41.250	887.917	21.685	-5.206	24.353	3.965	7.859	31.496	33.975	5.5316	2.32794	0.00033	43.2596	250.000
1.1411	4108	43.2596	24.593	37.00	41.250	888.119	21.690	-5.206	24.354	3.965	7.859	31.496	33.975	5.5316	2.32773	0.00033	43.2599	250.000
1.1414	4109	43.2599	24.593	37.00	41.250	888.321	21.695	-5.206	24.355	3.965	7.859	31.496	33.975	5.5316	2.32752	0.00033	43.2602	250.000
1.1417	4110	43.2602	24.594	37.00	41.250	888.523	21.700	-5.206	24.357	3.966	7.859	31.496	33.975	5.5316	2.32731	0.00033	43.2606	250.000
1.1419	4111	43.2606	24.594	37.00	41.250	888.725	21.704	-5.206	24.358	3.966	7.859	31.496	33.975	5.5316	2.32710	0.00033	43.2609	250.000
1.1422	4112	43.2609	24.594	37.00	41.250	888.927	21.709	-5.206	24.359	3.966	7.858	31.496	33.975	5.5316	2.32689	0.00033	43.2612	250.000
1.1425	4113	43.2612	24.595	37.00	41.250	889.130	21.714	-5.206	24.360	3.966	7.858	31.496	33.975	5.5316	2.32668	0.00033	43.2616	250.000
1.1428	4114	43.2616	24.595	37.00	41.250	889.332	21.719	-5.206	24.362	3.966	7.858	31.496	33.975	5.5316	2.32647	0.00033	43.2619	250.000
1.1431	4115	43.2619	24.595	37.00	41.250	889.534	21.724	-5.206	24.363	3.967	7.858	31.496	33.975	5.5316	2.32626	0.00033	43.2622	250.000
1.1433	4116	43.2622	24.596	37.00	41.250	889.736	21.729	-5.206	24.364	3.967	7.858	31.496	33.975	5.5316	2.32605	0.00033	43.2626	250.000
1.1436	4117	43.2626	24.596	37.00	41.250	889.938	21.734	-5.206	24.366	3.967	7.857	31.496	33.975	5.5316	2.32584	0.00033	43.2629	250.000
1.1439	4118	43.2629	24.596	37.00	41.250	890.140	21.739	-5.206	24.367	3.967	7.857	31.496	33.975	5.5316	2.32563	0.00033	43.2632	250.000
1.1442	4119	43.2632	24.597	37.00	41.250	890.342	21.744	-5.206	24.368	3.967	7.857	31.496	33.975	5.5316	2.32542	0.00033	43.2636	250.000
1.1444	4120	43.2636	24.597	37.00	41.250	890.544	21.749	-5.206	24.369	3.968	7.857	31.496	33.975	5.5316	2.32521	0.00033	43.2639	250.000
1.1447	4121	43.2639	24.597	37.00	41.250	890.746	21.754	-5.206	24.371	3.968	7.857	31.496	33.975	5.5316	2.32499	0.00033	43.2642	250.000
1.1450	4122	43.2642	24.598	37.00	41.250	890.948	21.759	-5.206	24.372	3.968	7.856	31.496	33.975	5.5316	2.32478	0.00033	43.2646	250.000
1.1453	4123	43.2646	24.598	37.00	41.250	891.150	21.764	-5.206	24.373	3.968	7.856	31.496	33.975	5.5316	2.32457	0.00033	43.2649	250.000
1.1456	4124	43.2649	24.598	37.00	41.250	891.352	21.769	-5.206	24.375	3.969	7.856	31.496	33.975	5.5316	2.32436	0.00033	43.2652	250.000
1.1458	4125	43.2652	24.599	37.00	41.250	891.554	21.774	-5.206	24.376	3.969	7.856	31.496	33.975	5.5316	2.32415	0.00033	43.2655	250.000
1.1461	4126	43.2655	24.599	37.00	41.250	891.756	21.778	-5.206	24.377	3.969	7.855	31.496	33.975	5.5316	2.32394	0.00033	43.2659	250.000
1.1464	4127	43.2659	24.599	37.00	41.250	891.958	21.783	-5.206	24.378	3.969	7.855	31.496	33.975	5.5316	2.32373	0.00033	43.2662	250.000
1.1467	4128	43.2662	24.600	37.00	41.250	892.160	21.788	-5.206	24.380	3.969	7.855	31.496	33.975	5.5316	2.32352	0.00033	43.2665	250.000
1.1469	4129	43.2665	24.600	37.00	41.250	892.362	21.793	-5.206	24.381	3.970	7.855	31.496	33.975	5.5316	2.32331	0.00033	43.2669	250.000
1.1472	4130	43.2669	24.600	37.00	41.250	892.564	21.798	-5.206	24.382	3.970	7.855	31.496	33.975	5.5316	2.32310	0.00033	43.2672	250.000
1.1475	4131	43.2672	24.601	37.00	41.250	892.766	21.803	-5.206	24.384	3.970	7.854	31.496	33.975	5.5316	2.32289	0.00033	43.2675	250.000
1.1478	4132	43.2675	24.601	37.00	41.250	892.968	21.808	-5.206	24.385	3.970	7.854	31.496	33.975	5.5316	2.32268	0.00033	43.2679	250.000
1.1481	4133	43.2679	24.601	37.00	41.250	893.170	21.813	-5.206	24.386	3.970	7.854	31.496	33.975	5.5316	2.32247	0.00033	43.2682	250.000
1.1483	4134	43.2682	24.602	37.00	41.250	893.372	21.818	-5.206	24.388	3.971	7.854	31.496	33.975	5.5316	2.32226	0.00033	43.2685	250.000
1.1486	4135	43.2685	24.602	37.00	41.250	893.574	21.823	-5.206	24.389	3.971	7.854	31.496	33.975	5.5316	2.32205	0.00033	43.2689	250.000
1.1489	4136	43.2689	24.602	37.00	41.250	893.776	21.828	-5.206	24.390	3.971	7.853	31.496	33.975	5.5316	2.32184	0.00033	43.2692	250.000
1.1492	4137	43.2692	24.603	37.00	41.250	893.978	21.833	-5.206	24.391	3.971	7.853	31.496	33.975	5.5316	2.32163	0.00033	43.2695	250.000
1.1494	4138	43.2695	24.603	37.00	41.250	894.180	21.838	-5.206	24.393	3.971	7.853	31.496	33.975	5.5316	2.32142	0.00033	43.2699	250.000
1.1497	4139	43.2699	24.603	37.00	41.250	894.382	21.843	-5.206	24.394	3.972	7.853	31.496	33.975	5.5316	2.32121	0.00033	43.2702	250.000
1.1500	4140	43.2702	24.604	37.00	41.250	894.584	21.848	-5.206	24.395	3.972	7.853	31.496	33.975	5.5316	2.32100	0.00033	43.2705	250.000
1.1503	4141	43.2705	24.604	37.00	41.250	894.786	21.852	-5.206	24.397	3.972	7.852	31.496	33.975	5.5316	2.32079	0.00033	43.2709	250.000
1.1506	4142	43.2709	24.604	37.00	41.250	894.988	21.857	-5.206	24.398	3.972	7.852	31.496	33.975	5.5316	2.32058	0.00033	43.2712	250.000
1.1508	4143	43.2712	24.605	37.00	41.250	895.190	21.862	-5.206	24.399	3.973	7.852	31.496	33.975	5.5316	2.32037	0.00033	43.2715	250.000
1.1511	4144	43.2715	24.605	37.00	41.250	895.392	21.867	-5.206	24.400	3.973	7.852	31.496	33.975	5.5316	2.32016	0.00033	43.2718	250.000
1.1514	4145	43.2718	24.605	37.00	41.250	895.594	21.872	-5.206	24.402	3.973	7.852	31.496	33.975	5.5316	2.31995	0.00033	43.2722	250.000
1.1517	4146	43.2722	24.606	37.00	41.250	895.797	21.877	-5.206	24.403	3.973	7.851	31.496	33.975	5.5316	2.31974	0.00033	43.2725	250.000
1.1519	4147	43.2725	24.606	37.00	41.250	895.999	21.882	-5.206	24.404	3.973	7.851	31.496	33.975	5.5316	2.31953	0.00033	43.2728	250.000
1.1522	4148	43.2728	24.606	37.00	41.250	896.201	21.887	-5.206	24.406	3.974	7.851	31.496	33.975	5.5316	2.31932	0.00033	43.2732	250.000
1.1525	4149	43.2732	24.607	37.00	41.250	896.403	21.892	-5.206	24.407	3.974	7.851	31.496	33.975	5.5316	2.31911	0.00033	43.2735	250.000
1.1528	4150	43.2735	24.607	37.00	41.250	896.605	21.897	-5.206	24.408	3.974	7.850	31.496	33.975	5.5316	2.31890	0.00033	43.2738	250.000
1.1531	4151	43.2738	24.607	37.00	41.250	896.807	21.902	-5.206	24.409	3.974	7.850	31.496	33.975	5.5316	2.31869	0.00033	43.2742	250.000
1.1533	4152	43.2742	24.608	37.00	41.250	897.009	21.907	-5.206	24.411	3.974	7.850	31.496	33.975	5.5316	2.31848	0.00033	43.2745	250.000
1.1536	4153	43.2745	24.608	37.00	41.250	897.211	21.912	-5.206	24.412	3.975	7.850	31.496	33.975	5.5316	2.31827	0.00033	43.2748	250.000
1.1539	4154	43.2748	24.608	37.00	41.250	897.413	21.917	-5.206	24.413	3.975	7.850	31.496	33.975	5.5316	2.31806	0.00033	43.2752	250.000
1.1542	4155	43.2752	24.609	37.00	41.250	897.615	21.922	-5.206	24.415	3.975	7.849	31.496	33.975	5.5316	2.31785	0.00033	43.2755	250.000
1.1544	4156	43.2755	24.609	37.00	41.250	897.817	21.926	-5.206	24.416	3.975	7.849	31.496	33.975	5.5316	2.31764	0.00033	43.2758	250.000
1.1547	4157	43.2758	24.609	37.00	41.250	898.019	21.931	-5.206	24.417	3.975	7.849	31.496	33.975	5.5316	2.31743	0.00033	43.2762	250.000
1.1550	4158	43.2762	24.610	37.00	41.250	898.221	21.936	-5.206	24.418	3.976	7.849	31.496	33.975	5.5316	2.31722	0.00033	43.2765	250.000
1.1553	4159	43.2765	24.610	37.00	41.250	898.423	21.941	-5.206	24.420	3.976	7.849	31.496	33.975	5.5316	2.31701	0.00033	43.2768	250.000
1.1556	4160	43.2768	24.610	37.00	41.250	898.625	21.946	-5.206	24.421	3.976	7.848	31.496	33.975	5.5316	2.31680	0.00033	43.2771	250.000
1.1558	4161	43.2771	24.611	37.00	41.250	898.827	21.951	-5.206	24.422	3.976	7.848	31.496	33.975	5.5316	2.31659	0.00033	43.2775	250.000
1.1561	4162	43.2775	24.611	37.00	41.250	899.029	21.956	-5.206	24.424	3.976	7.848	31.496	33.975	5.5316	2.31638	0.00033	43.2778	250.000
1.1564	4163	43.2778	24.611	37.00	41.250	899.231	21.961	-5.206	24.425	3.977	7.848	31.496	33.975	5.5316	2.31617	0.00033	43.2781	250.000
1.1567	4164	43.2781	24.612	37.00	41.250	899.433	21.966	-5.206	24.426	3.977	7.848	31.496	33.975	5.5316	2.31596	0.00033	43.2785	250.000
1.1569	4165	43.2785	24.612	37.00	41.250	899.635	21.971	-5.206	24.427	3.977	7.847	31.496	33.975	5.5316	2.31576	0.00033	43.2788	250.000
1.1572	4166	43.2788	24.612	37.00	41.250	899.837	21.976	-5.206	24.429	3.977	7.847	31.496	33.975	5.5316	2.31555	0.00033	43.2791	250.000
1.1575	4167	43.2791	24.613	37.00	41.250	900.039	21.981	-5.206	24.430	3.978	7.847	31.496	33.975	5.5316	2.31534	0.00033	43.2795	250.000
1.1578	4168	43.2795	24.613	37.00	41.250	900.241	21.986	-5.206	24.431	3.978	7.847	31.496	33.975	5.5316	2.31513	0.00033	43.2798	250.000
1.1581	4169	43.2798	24.613	37.00	41.250	900.443	21.991	-5.206	24.433	3.978	7.846	31.496	33.975	5.5316	2.31492	0.00033	43.2801	250.000
1.1583	4170	43.2801	24.614	37.00	41.250	900.645	21.996	-5.206	24.434	3.978	7.846	31.496	33.975	5.5316	2.31471	0.00033	43.2805	250.000
1.1586	4171	43.2805	24.614	37.00	41.250	900.847	22.000	-5.206	24.435	3.978	7.846	31.496	33.975	5.5316	2.31450	0.00033	43.2808	250.000
1.1589	4172	43.2808	24.614	37.00	41.250	901.049	22.005	-5.206	24.436	3.979	7.846	31.496	33.975	5.5316	2.31429	0.00033	43.2811	250.000
1.1592	4173	43.2811	24.615	37.00	41.250	901.251	22.010	-5.206	24.438	3.979	7.846	31.496	33.975	5.5316	2.31408	0.00033	43.2814	250.000
1.1594	4174	43.2814	24.615	37.00	41.250	901.453	22.015	-5.206	24.439	3.979	7.845	31.496	33.975	5.5316	2.31387	0.00033	43.2818	250.000
1.1597	4175	43.2818	24.615	37.00	41.250	901.655	22.020	-5.206	24.440	3.979	7.845	31.496	33.975	5.5316	2.31366	0.00033	43.2821	250.000
1.1600	4176	43.2821	24.615	37.00	41.250	901.857	22.025	-5.206	24.442	3.979	7.845	31.496	33.975	5.5316	2.31345	0.00033	43.2824	250.000
1.1603	4177	43.2824	24.616	37.00	41.250	902.059	22.030	-5.206	24.443	3.980	7.845	31.496	33.975	5.5316	2.31324	0.00033	43.2828	250.000

1.1606	4178	43.2828	24.616	37.00	41.250	902.261	22.035	-5.206	24.444	3.980	7.845	31.496	33.975	5.5316	2.31303	0.00033	43.2831	250.000
1.1608	4179	43.2831	24.616	37.00	41.250	902.464	22.040	-5.206	24.445	3.980	7.844	31.496	33.975	5.5316	2.31282	0.00033	43.2834	250.000
1.1611	4180	43.2834	24.617	37.00	41.250	902.666	22.045	-5.206	24.447	3.980	7.844	31.496	33.975	5.5316	2.31261	0.00033	43.2838	250.000
1.1614	4181	43.2838	24.617	37.00	41.250	902.868	22.050	-5.206	24.448	3.980	7.844	31.496	33.975	5.5316	2.31240	0.00033	43.2841	250.000
1.1617	4182	43.2841	24.617	37.00	41.250	903.070	22.055	-5.206	24.449	3.981	7.844	31.496	33.975	5.5316	2.31220	0.00033	43.2844	250.000
1.1619	4183	43.2844	24.618	37.00	41.250	903.272	22.060	-5.206	24.451	3.981	7.844	31.496	33.975	5.5316	2.31199	0.00033	43.2848	250.000
1.1622	4184	43.2848	24.618	37.00	41.250	903.474	22.065	-5.206	24.452	3.981	7.843	31.496	33.975	5.5316	2.31178	0.00033	43.2851	250.000
1.1625	4185	43.2851	24.618	37.00	41.250	903.676	22.070	-5.206	24.453	3.981	7.843	31.496	33.975	5.5316	2.31157	0.00033	43.2854	250.000
1.1628	4186	43.2854	24.619	37.00	41.250	903.878	22.075	-5.206	24.454	3.982	7.843	31.496	33.975	5.5316	2.31136	0.00033	43.2857	250.000
1.1631	4187	43.2857	24.619	37.00	41.250	904.080	22.079	-5.206	24.456	3.982	7.843	31.496	33.975	5.5316	2.31115	0.00033	43.2861	250.000
1.1633	4188	43.2861	24.619	37.00	41.250	904.282	22.084	-5.206	24.457	3.982	7.842	31.496	33.975	5.5316	2.31094	0.00033	43.2864	250.000
1.1636	4189	43.2864	24.620	37.00	41.250	904.484	22.089	-5.206	24.458	3.982	7.842	31.496	33.975	5.5316	2.31073	0.00033	43.2867	250.000
1.1639	4190	43.2867	24.620	37.00	41.250	904.686	22.094	-5.206	24.460	3.982	7.842	31.496	33.975	5.5316	2.31052	0.00033	43.2871	250.000
1.1642	4191	43.2871	24.620	37.00	41.250	904.888	22.099	-5.206	24.461	3.983	7.842	31.496	33.975	5.5316	2.31031	0.00033	43.2874	250.000
1.1644	4192	43.2874	24.621	37.00	41.250	905.090	22.104	-5.206	24.462	3.983	7.842	31.496	33.975	5.5316	2.31010	0.00033	43.2877	250.000
1.1647	4193	43.2877	24.621	37.00	41.250	905.292	22.109	-5.206	24.463	3.983	7.841	31.496	33.975	5.5316	2.30989	0.00033	43.2881	250.000
1.1650	4194	43.2881	24.621	37.00	41.250	905.494	22.114	-5.206	24.465	3.983	7.841	31.496	33.975	5.5316	2.30969	0.00033	43.2884	250.000
1.1653	4195	43.2884	24.622	37.00	41.250	905.696	22.119	-5.206	24.466	3.983	7.841	31.496	33.975	5.5316	2.30948	0.00033	43.2887	250.000
1.1656	4196	43.2887	24.622	37.00	41.250	905.898	22.124	-5.206	24.467	3.984	7.841	31.496	33.975	5.5316	2.30927	0.00033	43.2890	250.000
1.1658	4197	43.2890	24.622	37.00	41.250	906.100	22.129	-5.206	24.469	3.984	7.841	31.496	33.975	5.5316	2.30906	0.00033	43.2894	250.000
1.1661	4198	43.2894	24.623	37.00	41.250	906.302	22.134	-5.206	24.470	3.984	7.840	31.496	33.975	5.5316	2.30885	0.00033	43.2897	250.000
1.1664	4199	43.2897	24.623	37.00	41.250	906.504	22.139	-5.206	24.471	3.984	7.840	31.496	33.975	5.5316	2.30864	0.00033	43.2900	250.000
1.1667	4200	43.2900	24.623	37.00	41.250	906.706	22.144	-5.206	24.472	3.984	7.840	31.496	33.975	5.5316	2.30843	0.00033	43.2904	250.000
1.1669	4201	43.2904	24.624	37.00	41.250	906.908	22.149	-5.206	24.474	3.985	7.840	31.496	33.975	5.5316	2.30822	0.00033	43.2907	250.000
1.1672	4202	43.2907	24.624	37.00	41.250	907.110	22.153	-5.206	24.475	3.985	7.840	31.496	33.975	5.5316	2.30801	0.00033	43.2910	250.000
1.1675	4203	43.2910	24.624	37.00	41.250	907.312	22.158	-5.206	24.476	3.985	7.839	31.496	33.975	5.5316	2.30781	0.00033	43.2914	250.000
1.1678	4204	43.2914	24.625	37.00	41.250	907.514	22.163	-5.206	24.478	3.985	7.839	31.496	33.975	5.5316	2.30760	0.00033	43.2917	250.000
1.1681	4205	43.2917	24.625	37.00	41.250	907.716	22.168	-5.206	24.479	3.985	7.839	31.496	33.975	5.5316	2.30739	0.00033	43.2920	250.000
1.1683	4206	43.2920	24.625	37.00	41.250	907.918	22.173	-5.206	24.480	3.986	7.839	31.496	33.975	5.5316	2.30718	0.00033	43.2923	250.000
1.1686	4207	43.2923	24.626	37.00	41.250	908.120	22.178	-5.206	24.481	3.986	7.839	31.496	33.975	5.5316	2.30697	0.00033	43.2927	250.000
1.1689	4208	43.2927	24.626	37.00	41.250	908.322	22.183	-5.206	24.483	3.986	7.838	31.496	33.975	5.5316	2.30676	0.00033	43.2930	250.000
1.1692	4209	43.2930	24.626	37.00	41.250	908.524	22.188	-5.206	24.484	3.986	7.838	31.496	33.975	5.5316	2.30655	0.00033	43.2933	250.000
1.1694	4210	43.2933	24.627	37.00	41.250	908.726	22.193	-5.206	24.485	3.987	7.838	31.496	33.975	5.5316	2.30634	0.00033	43.2937	250.000
1.1697	4211	43.2937	24.627	37.00	41.250	908.928	22.198	-5.206	24.487	3.987	7.838	31.496	33.975	5.5316	2.30614	0.00033	43.2940	250.000
1.1700	4212	43.2940	24.627	37.00	41.250	909.130	22.203	-5.206	24.488	3.987	7.837	31.496	33.975	5.5316	2.30593	0.00033	43.2943	250.000
1.1703	4213	43.2943	24.628	37.00	41.250	909.333	22.208	-5.206	24.489	3.987	7.837	31.496	33.975	5.5316	2.30572	0.00033	43.2946	250.000
1.1706	4214	43.2946	24.628	37.00	41.250	909.535	22.213	-5.206	24.490	3.987	7.837	31.496	33.975	5.5316	2.30551	0.00033	43.2950	250.000
1.1708	4215	43.2950	24.628	37.00	41.250	909.737	22.218	-5.206	24.492	3.988	7.837	31.496	33.975	5.5316	2.30530	0.00033	43.2953	250.000
1.1711	4216	43.2953	24.629	37.00	41.250	909.939	22.223	-5.206	24.493	3.988	7.837	31.496	33.975	5.5316	2.30509	0.00033	43.2956	250.000
1.1714	4217	43.2956	24.629	37.00	41.250	910.141	22.227	-5.206	24.494	3.988	7.836	31.496	33.975	5.5316	2.30488	0.00033	43.2960	250.000
1.1717	4218	43.2960	24.629	37.00	41.250	910.343	22.232	-5.206	24.496	3.988	7.836	31.496	33.975	5.5316	2.30467	0.00033	43.2963	250.000
1.1719	4219	43.2963	24.630	37.00	41.250	910.545	22.237	-5.206	24.497	3.988	7.836	31.496	33.975	5.5316	2.30447	0.00033	43.2966	250.000
1.1722	4220	43.2966	24.630	37.00	41.250	910.747	22.242	-5.206	24.498	3.989	7.836	31.496	33.975	5.5316	2.30426	0.00033	43.2970	250.000
1.1725	4221	43.2970	24.630	37.00	41.250	910.949	22.247	-5.206	24.499	3.989	7.836	31.496	33.975	5.5316	2.30405	0.00033	43.2973	250.000
1.1728	4222	43.2973	24.631	37.00	41.250	911.151	22.252	-5.206	24.501	3.989	7.835	31.496	33.975	5.5316	2.30384	0.00033	43.2976	250.000
1.1731	4223	43.2976	24.631	37.00	41.250	911.353	22.257	-5.206	24.502	3.989	7.835	31.496	33.975	5.5316	2.30363	0.00033	43.2979	250.000
1.1733	4224	43.2979	24.631	37.00	41.250	911.555	22.262	-5.206	24.503	3.989	7.835	31.496	33.975	5.5316	2.30342	0.00033	43.2983	250.000
1.1736	4225	43.2983	24.632	37.00	41.250	911.757	22.267	-5.206	24.504	3.990	7.835	31.496	33.975	5.5316	2.30322	0.00033	43.2986	250.000
1.1739	4226	43.2986	24.632	37.00	41.250	911.959	22.272	-5.206	24.506	3.990	7.835	31.496	33.975	5.5316	2.30301	0.00033	43.2989	250.000
1.1742	4227	43.2989	24.632	37.00	41.250	912.161	22.277	-5.206	24.507	3.990	7.834	31.496	33.975	5.5316	2.30280	0.00033	43.2993	250.000
1.1744	4228	43.2993	24.633	37.00	41.250	912.363	22.282	-5.206	24.508	3.990	7.834	31.496	33.975	5.5316	2.30259	0.00033	43.2996	250.000
1.1747	4229	43.2996	24.633	37.00	41.250	912.565	22.287	-5.206	24.510	3.990	7.834	31.496	33.975	5.5316	2.30238	0.00033	43.2999	250.000
1.1750	4230	43.2999	24.633	37.00	41.250	912.767	22.292	-5.206	24.511	3.991	7.834	31.496	33.975	5.5316	2.30217	0.00033	43.3002	250.000
1.1753	4231	43.3002	24.634	37.00	41.250	912.969	22.297	-5.206	24.512	3.991	7.834	31.496	33.975	5.5316	2.30197	0.00033	43.3006	250.000
1.1756	4232	43.3006	24.634	37.00	41.250	913.171	22.301	-5.206	24.513	3.991	7.833	31.496	33.975	5.5316	2.30176	0.00033	43.3009	250.000
1.1758	4233	43.3009	24.634	37.00	41.250	913.373	22.306	-5.206	24.515	3.991	7.833	31.496	33.975	5.5316	2.30155	0.00033	43.3012	250.000
1.1761	4234	43.3012	24.635	37.00	41.250	913.575	22.311	-5.206	24.516	3.992	7.833	31.496	33.975	5.5316	2.30134	0.00033	43.3016	250.000
1.1764	4235	43.3016	24.635	37.00	41.250	913.777	22.316	-5.206	24.517	3.992	7.833	31.496	33.975	5.5316	2.30113	0.00033	43.3019	250.000
1.1767	4236	43.3019	24.635	37.00	41.250	913.979	22.321	-5.206	24.519	3.992	7.832	31.496	33.975	5.5316	2.30092	0.00033	43.3022	250.000
1.1769	4237	43.3022	24.636	37.00	41.250	914.181	22.326	-5.206	24.520	3.992	7.832	31.496	33.975	5.5316	2.30072	0.00033	43.3025	250.000
1.1772	4238	43.3025	24.636	37.00	41.250	914.383	22.331	-5.206	24.521	3.992	7.832	31.496	33.975	5.5316	2.30051	0.00033	43.3029	250.000
1.1775	4239	43.3029	24.636	37.00	41.250	914.585	22.336	-5.206	24.522	3.993	7.832	31.496	33.975	5.5316	2.30030	0.00033	43.3032	250.000
1.1778	4240	43.3032	24.637	37.00	41.250	914.787	22.341	-5.206	24.524	3.993	7.832	31.496	33.975	5.5316	2.30009	0.00033	43.3035	250.000
1.1781	4241	43.3035	24.637	37.00	41.250	914.989	22.346	-5.206	24.525	3.993	7.831	31.496	33.975	5.5316	2.29988	0.00033	43.3039	250.000
1.1783	4242	43.3039	24.637	37.00	41.250	915.191	22.351	-5.206	24.526	3.993	7.831	31.496	33.975	5.5316	2.29967	0.00033	43.3042	250.000
1.1786	4243	43.3042	24.638	37.00	41.250	915.393	22.356	-5.206	24.528	3.993	7.831	31.496	33.975	5.5316	2.29947	0.00033	43.3045	250.000
1.1789	4244	43.3045	24.638	37.00	41.250	915.595	22.361	-5.206	24.529	3.994	7.831	31.496	33.975	5.5316	2.29926	0.00033	43.3048	250.000
1.1792	4245	43.3048	24.638	37.00	41.250	915.797	22.366	-5.206	24.530	3.994	7.831	31.496	33.975	5.5316	2.29905	0.00033	43.3052	250.000
1.1794	4246	43.3052	24.639	37.00	41.250	916.000	22.371	-5.206	24.531	3.994	7.830	31.496	33.975	5.5316	2.29884	0.00033	43.3055	250.000
1.1797	4247	43.3055	24.639	37.00	41.250	916.202	22.375	-5.206	24.533	3.994	7.830	31.496	33.975	5.5316	2.29863	0.00033	43.3058	250.000
1.1800	4248	43.3058	24.639	37.00	41.250	916.404	22.380	-5.206	24.534	3.994	7.830	31.496	33.975	5.5316	2.29843	0.00033	43.3062	250.000
1.1803	4249	43.3062	24.640	37.00	41.250	916.606	22.385	-5.206	24.535	3.995	7.830	31.496	33.975	5.5316	2.29822	0.00033	43.3065	250.000
1.1806	4250	43.3065	24.640	37.00	41.250	916.808	22.390	-5.206	24.536	3.995	7.830	31.496	33.975	5.5316	2.29801	0.00033	43.3068	250.000
1.1808	4251	43.3068	24.640	37.00	41.250	917.010	22.395	-5.206	24.538	3.995	7.829	31.496	33.975	5.5316	2.29780	0.00033	43.3071	250.000
1.1811	4252	43.3071	24.641	37.00	41.250	917.212	22.400	-5.206	24.539	3.995	7.829	31.496	33.975	5.5316	2.29759	0.00033	43.3075	250.000
1.1814	4253	43.3075	24.641	37.00	41.250	917.414	22.405	-5.206	24.540	3.995	7.829	31.496	33.975	5.5316	2.29739	0.00033	43.3078	250.000
1.1817	4254	43.3078	24.641	37.00	41.250	917.616	22.410	-5.206	24.542	3.996	7.829	31.496	33.975	5.5316	2.29718	0.00033	43.3081	250.000
1.1819	4255	43.3081	24.642	37.00	41.250	917.818	22.415	-5.206	24.543	3.996	7.829	31.496	33.975	5.5316	2.29697	0.00033	43.3085	250.000
1.1822	4256	43.3085	24.642	37.00	41.250	918.020	22.420	-5.206	24.544	3.996	7.828	31.496	33.975	5.5316	2.29676	0.00033	43.3088	250.000
1.1825	4257	43.3088	24.642	37.00	41.250	918.222	22.425	-5.206	24.545	3.996	7.828	31.496	33.975	5.5316	2.29656	0.00033	43.3091	250.000
1.1828	4258	43.3091	24.642	37.00	41.250	918.424	22.430	-5.206	24.547	3.997	7.828	31.496	33.975	5.5316	2.29635	0.00033	43.3094	250.000

1.1831	4259	43.3094	24.643	37.00	41.250	918.626	22.435	-5.206	24.548	3.997	7.828	31.496	33.975	5.5316	2.29614	0.00033	43.3098	250.000
1.1833	4260	43.3098	24.643	37.00	41.250	918.828	22.440	-5.206	24.549	3.997	7.827	31.496	33.975	5.5316	2.29593	0.00033	43.3101	250.000
1.1836	4261	43.3101	24.643	37.00	41.250	919.030	22.445	-5.206	24.551	3.997	7.827	31.496	33.975	5.5316	2.29572	0.00033	43.3104	250.000
1.1839	4262	43.3104	24.644	37.00	41.250	919.232	22.449	-5.206	24.552	3.997	7.827	31.496	33.975	5.5316	2.29552	0.00033	43.3108	250.000
1.1842	4263	43.3108	24.644	37.00	41.250	919.434	22.454	-5.206	24.553	3.998	7.827	31.496	33.975	5.5316	2.29531	0.00033	43.3111	250.000
1.1844	4264	43.3111	24.644	37.00	41.250	919.636	22.459	-5.206	24.554	3.998	7.827	31.496	33.975	5.5316	2.29510	0.00033	43.3114	250.000
1.1847	4265	43.3114	24.645	37.00	41.250	919.838	22.464	-5.206	24.556	3.998	7.826	31.496	33.975	5.5316	2.29489	0.00033	43.3117	250.000
1.1850	4266	43.3117	24.645	37.00	41.250	920.040	22.469	-5.206	24.557	3.998	7.826	31.496	33.975	5.5316	2.29469	0.00033	43.3121	250.000
1.1853	4267	43.3121	24.645	37.00	41.250	920.242	22.474	-5.206	24.558	3.998	7.826	31.496	33.975	5.5316	2.29448	0.00033	43.3124	250.000
1.1856	4268	43.3124	24.646	37.00	41.250	920.444	22.479	-5.206	24.559	3.999	7.826	31.496	33.975	5.5316	2.29427	0.00033	43.3127	250.000
1.1858	4269	43.3127	24.646	37.00	41.250	920.646	22.484	-5.206	24.561	3.999	7.826	31.496	33.975	5.5316	2.29406	0.00033	43.3130	250.000
1.1861	4270	43.3130	24.646	37.00	41.250	920.848	22.489	-5.206	24.562	3.999	7.825	31.496	33.975	5.5316	2.29385	0.00033	43.3134	250.000
1.1864	4271	43.3134	24.647	37.00	41.250	921.050	22.494	-5.206	24.563	3.999	7.825	31.496	33.975	5.5316	2.29365	0.00033	43.3137	250.000
1.1867	4272	43.3137	24.647	37.00	41.250	921.252	22.499	-5.206	24.565	3.999	7.825	31.496	33.975	5.5316	2.29344	0.00033	43.3140	250.000
1.1869	4273	43.3140	24.647	37.00	41.250	921.454	22.504	-5.206	24.566	4.000	7.825	31.496	33.975	5.5316	2.29323	0.00033	43.3144	250.000
1.1872	4274	43.3144	24.648	37.00	41.250	921.656	22.509	-5.206	24.567	4.000	7.825	31.496	33.975	5.5316	2.29302	0.00033	43.3147	250.000
1.1875	4275	43.3147	24.648	37.00	41.250	921.858	22.514	-5.206	24.568	4.000	7.824	31.496	33.975	5.5316	2.29282	0.00033	43.3150	250.000
1.1878	4276	43.3150	24.648	37.00	41.250	922.060	22.519	-5.206	24.570	4.000	7.824	31.496	33.975	5.5316	2.29261	0.00033	43.3153	250.000
1.1881	4277	43.3153	24.649	37.00	41.250	922.262	22.523	-5.206	24.571	4.000	7.824	31.496	33.975	5.5316	2.29240	0.00033	43.3157	250.000
1.1883	4278	43.3157	24.649	37.00	41.250	922.464	22.528	-5.206	24.572	4.001	7.824	31.496	33.975	5.5316	2.29219	0.00033	43.3160	250.000
1.1886	4279	43.3160	24.649	37.00	41.250	922.666	22.533	-5.206	24.573	4.001	7.824	31.496	33.975	5.5316	2.29199	0.00033	43.3163	250.000
1.1889	4280	43.3163	24.650	37.00	41.250	922.869	22.538	-5.206	24.575	4.001	7.823	31.496	33.975	5.5316	2.29178	0.00033	43.3166	250.000
1.1892	4281	43.3166	24.650	37.00	41.250	923.071	22.543	-5.206	24.576	4.001	7.823	31.496	33.975	5.5316	2.29157	0.00033	43.3170	250.000
1.1894	4282	43.3170	24.650	37.00	41.250	923.273	22.548	-5.206	24.577	4.002	7.823	31.496	33.975	5.5316	2.29137	0.00033	43.3173	250.000
1.1897	4283	43.3173	24.651	37.00	41.250	923.475	22.553	-5.206	24.579	4.002	7.823	31.496	33.975	5.5316	2.29116	0.00033	43.3176	250.000
1.1900	4284	43.3176	24.651	37.00	41.250	923.677	22.558	-5.206	24.580	4.002	7.823	31.496	33.975	5.5316	2.29095	0.00033	43.3180	250.000
1.1903	4285	43.3180	24.651	37.00	41.250	923.879	22.563	-5.206	24.581	4.002	7.822	31.496	33.975	5.5316	2.29074	0.00033	43.3183	250.000
1.1906	4286	43.3183	24.652	37.00	41.250	924.081	22.568	-5.206	24.582	4.002	7.822	31.496	33.975	5.5316	2.29054	0.00033	43.3186	250.000
1.1908	4287	43.3186	24.652	37.00	41.250	924.283	22.573	-5.206	24.584	4.003	7.822	31.496	33.975	5.5316	2.29033	0.00033	43.3189	250.000
1.1911	4288	43.3189	24.652	37.00	41.250	924.485	22.578	-5.206	24.585	4.003	7.822	31.496	33.975	5.5316	2.29012	0.00033	43.3193	250.000
1.1914	4289	43.3193	24.653	37.00	41.250	924.687	22.583	-5.206	24.586	4.003	7.821	31.496	33.975	5.5316	2.28991	0.00033	43.3196	250.000
1.1917	4290	43.3196	24.653	37.00	41.250	924.889	22.588	-5.206	24.587	4.003	7.821	31.496	33.975	5.5316	2.28971	0.00033	43.3199	250.000
1.1919	4291	43.3199	24.653	37.00	41.250	925.091	22.593	-5.206	24.589	4.003	7.821	31.496	33.975	5.5316	2.28950	0.00033	43.3202	250.000
1.1922	4292	43.3202	24.654	37.00	41.250	925.293	22.598	-5.206	24.590	4.004	7.821	31.496	33.975	5.5316	2.28929	0.00033	43.3206	250.000
1.1925	4293	43.3206	24.654	37.00	41.250	925.495	22.602	-5.206	24.591	4.004	7.821	31.496	33.975	5.5316	2.28909	0.00033	43.3209	250.000
1.1928	4294	43.3209	24.654	37.00	41.250	925.697	22.607	-5.206	24.593	4.004	7.820	31.496	33.975	5.5316	2.28888	0.00033	43.3212	250.000
1.1931	4295	43.3212	24.655	37.00	41.250	925.899	22.612	-5.206	24.594	4.004	7.820	31.496	33.975	5.5316	2.28867	0.00033	43.3216	250.000
1.1933	4296	43.3216	24.655	37.00	41.250	926.101	22.617	-5.206	24.595	4.004	7.820	31.496	33.975	5.5316	2.28846	0.00033	43.3219	250.000
1.1936	4297	43.3219	24.655	37.00	41.250	926.303	22.622	-5.206	24.596	4.005	7.820	31.496	33.975	5.5316	2.28826	0.00033	43.3222	250.000
1.1939	4298	43.3222	24.656	37.00	41.250	926.505	22.627	-5.206	24.598	4.005	7.820	31.496	33.975	5.5316	2.28805	0.00033	43.3225	250.000
1.1942	4299	43.3225	24.656	37.00	41.250	926.707	22.632	-5.206	24.599	4.005	7.819	31.496	33.975	5.5316	2.28784	0.00033	43.3229	250.000
1.1944	4300	43.3229	24.656	37.00	41.250	926.909	22.637	-5.206	24.600	4.005	7.819	31.496	33.975	5.5316	2.28764	0.00033	43.3232	250.000
1.1947	4301	43.3232	24.657	37.00	41.250	927.111	22.642	-5.206	24.601	4.005	7.819	31.496	33.975	5.5316	2.28743	0.00033	43.3235	250.000
1.1950	4302	43.3235	24.657	37.00	41.250	927.313	22.647	-5.206	24.603	4.006	7.819	31.496	33.975	5.5316	2.28722	0.00033	43.3238	250.000
1.1953	4303	43.3238	24.657	37.00	41.250	927.515	22.652	-5.206	24.604	4.006	7.819	31.496	33.975	5.5316	2.28701	0.00033	43.3242	250.000
1.1956	4304	43.3242	24.658	37.00	41.250	927.717	22.657	-5.206	24.605	4.006	7.818	31.496	33.975	5.5316	2.28681	0.00033	43.3245	250.000
1.1958	4305	43.3245	24.658	37.00	41.250	927.919	22.662	-5.206	24.607	4.006	7.818	31.496	33.975	5.5316	2.28660	0.00033	43.3248	250.000
1.1961	4306	43.3248	24.658	37.00	41.250	928.121	22.667	-5.206	24.608	4.006	7.818	31.496	33.975	5.5316	2.28639	0.00033	43.3252	250.000
1.1964	4307	43.3252	24.659	37.00	41.250	928.323	22.672	-5.206	24.609	4.007	7.818	31.496	33.975	5.5316	2.28619	0.00033	43.3255	250.000
1.1967	4308	43.3255	24.659	37.00	41.250	928.525	22.676	-5.206	24.610	4.007	7.818	31.496	33.975	5.5316	2.28598	0.00033	43.3258	250.000
1.1969	4309	43.3258	24.659	37.00	41.250	928.727	22.681	-5.206	24.612	4.007	7.817	31.496	33.975	5.5316	2.28577	0.00033	43.3261	250.000
1.1972	4310	43.3261	24.660	37.00	41.250	928.929	22.686	-5.206	24.613	4.007	7.817	31.496	33.975	5.5316	2.28557	0.00033	43.3265	250.000
1.1975	4311	43.3265	24.660	37.00	41.250	929.131	22.691	-5.206	24.614	4.008	7.817	31.496	33.975	5.5316	2.28536	0.00033	43.3268	250.000
1.1978	4312	43.3268	24.660	37.00	41.250	929.333	22.696	-5.206	24.615	4.008	7.817	31.496	33.975	5.5316	2.28515	0.00033	43.3271	250.000
1.1981	4313	43.3271	24.660	37.00	41.250	929.536	22.701	-5.206	24.617	4.008	7.816	31.496	33.975	5.5316	2.28495	0.00033	43.3274	250.000
1.1983	4314	43.3274	24.661	37.00	41.250	929.738	22.706	-5.206	24.618	4.008	7.816	31.496	33.975	5.5316	2.28474	0.00033	43.3278	250.000
1.1986	4315	43.3278	24.661	37.00	41.250	929.940	22.711	-5.206	24.619	4.008	7.816	31.496	33.975	5.5316	2.28453	0.00033	43.3281	250.000
1.1989	4316	43.3281	24.661	37.00	41.250	930.142	22.716	-5.206	24.621	4.009	7.816	31.496	33.975	5.5316	2.28433	0.00033	43.3284	250.000
1.1992	4317	43.3284	24.662	37.00	41.250	930.344	22.721	-5.206	24.622	4.009	7.816	31.496	33.975	5.5316	2.28412	0.00033	43.3287	250.000
1.1994	4318	43.3287	24.662	37.00	41.250	930.546	22.726	-5.206	24.623	4.009	7.815	31.496	33.975	5.5316	2.28391	0.00033	43.3291	250.000
1.1997	4319	43.3291	24.662	37.00	41.250	930.748	22.731	-5.206	24.624	4.009	7.815	31.496	33.975	5.5316	2.28371	0.00033	43.3294	250.000
1.2000	4320	43.3294	24.663	37.00	41.250	930.950	22.736	-5.206	24.626	4.009	7.815	31.496	33.975	5.5316	2.28350	0.00033	43.3297	250.000
1.2003	4321	43.3297	24.663	37.00	41.250	931.152	22.741	-5.206	24.627	4.010	7.815	31.496	33.975	5.5316	2.28329	0.00033	43.3300	250.000
1.2006	4322	43.3300	24.663	37.00	41.250	931.354	22.746	-5.206	24.628	4.010	7.815	31.496	33.975	5.5316	2.28309	0.00033	43.3304	250.000
1.2008	4323	43.3304	24.664	37.00	41.250	931.556	22.750	-5.206	24.629	4.010	7.814	31.496	33.975	5.5316	2.28288	0.00033	43.3307	250.000
1.2011	4324	43.3307	24.664	37.00	41.250	931.758	22.755	-5.206	24.631	4.010	7.814	31.496	33.975	5.5316	2.28267	0.00033	43.3310	250.000
1.2014	4325	43.3310	24.664	37.00	41.250	931.960	22.760	-5.206	24.632	4.010	7.814	31.496	33.975	5.5316	2.28247	0.00033	43.3314	250.000
1.2017	4326	43.3314	24.665	37.00	41.250	932.162	22.765	-5.206	24.633	4.011	7.814	31.496	33.975	5.5316	2.28226	0.00033	43.3317	250.000
1.2019	4327	43.3317	24.665	37.00	41.250	932.364	22.770	-5.206	24.634	4.011	7.814	31.496	33.975	5.5316	2.28205	0.00033	43.3320	250.000
1.2022	4328	43.3320	24.665	37.00	41.250	932.566	22.775	-5.206	24.636	4.011	7.813	31.496	33.975	5.5316	2.28185	0.00033	43.3323	250.000
1.2025	4329	43.3323	24.666	37.00	41.250	932.768	22.780	-5.206	24.637	4.011	7.813	31.496	33.975	5.5316	2.28164	0.00033	43.3327	250.000
1.2028	4330	43.3327	24.666	37.00	41.250	932.970	22.785	-5.206	24.638	4.011	7.813	31.496	33.975	5.5316	2.28143	0.00033	43.3330	250.000
1.2031	4331	43.3330	24.666	37.00	41.250	933.172	22.790	-5.206	24.640	4.012	7.813	31.496	33.975	5.5316	2.28123	0.00033	43.3333	250.000
1.2033	4332	43.3333	24.667	37.00	41.250	933.374	22.795	-5.206	24.641	4.012	7.813	31.496	33.975	5.5316	2.28102	0.00033	43.3336	250.000
1.2036	4333	43.3336	24.667	37.00	41.250	933.576	22.800	-5.206	24.642	4.012	7.812	31.496	33.975	5.5316	2.28081	0.00033	43.3340	250.000
1.2039	4334	43.3340	24.667	37.00	41.250	933.778	22.805	-5.206	24.643	4.012	7.812	31.496	33.975	5.5316	2.28061	0.00033	43.3343	250.000
1.2042	4335	43.3343	24.668	37.00	41.250	933.980	22.810	-5.206	24.645	4.012	7.812	31.496	33.975	5.5316	2.28040	0.00033	43.3346	250.000
1.2044	4336	43.3346	24.668	37.00	41.250	934.182	22.815	-5.206	24.646	4.013	7.812	31.496	33.975	5.5316	2.28019	0.00033	43.3349	250.000
1.2047	4337	43.3349	24.668	37.00	41.250	934.384	22.820	-5.206	24.647	4.013	7.812	31.496	33.975	5.5316	2.27999	0.00033	43.3353	250.000
1.2050	4338	43.3353	24.669	37.00	41.250	934.586	22.824	-5.206	24.648	4.013	7.811	31.496	33.975	5.5316	2.27978	0.00033	43.3356	250.000
1.2053	4339	43.3356	24.669	37.00	41.250	934.788	22.829	-5.206	24.650	4.013	7.811	31.496	33.975	5.5316	2.27958	0.00033	43.3359	250.000

1.2056	4340	43.3359	24.669	37.00	41.250	934.990	22.834	-5.206	24.651	4.014	7.811	31.496	33.975	5.5316	2.27937	0.00033	43.3362	250.000
1.2058	4341	43.3362	24.670	37.00	41.250	935.192	22.839	-5.206	24.652	4.014	7.811	31.496	33.975	5.5316	2.27916	0.00033	43.3366	250.000
1.2061	4342	43.3366	24.670	37.00	41.250	935.394	22.844	-5.206	24.653	4.014	7.811	31.496	33.975	5.5316	2.27896	0.00033	43.3369	250.000
1.2064	4343	43.3369	24.670	37.00	41.250	935.596	22.849	-5.206	24.655	4.014	7.810	31.496	33.975	5.5316	2.27875	0.00033	43.3372	250.000
1.2067	4344	43.3372	24.671	37.00	41.250	935.798	22.854	-5.206	24.656	4.014	7.810	31.496	33.975	5.5316	2.27854	0.00033	43.3375	250.000
1.2069	4345	43.3375	24.671	37.00	41.250	936.000	22.859	-5.206	24.657	4.015	7.810	31.496	33.975	5.5316	2.27834	0.00033	43.3379	250.000
1.2072	4346	43.3379	24.671	37.00	41.250	936.203	22.864	-5.206	24.659	4.015	7.810	31.496	33.975	5.5316	2.27813	0.00033	43.3382	250.000
1.2075	4347	43.3382	24.672	37.00	41.250	936.405	22.869	-5.206	24.660	4.015	7.809	31.496	33.975	5.5316	2.27793	0.00033	43.3385	250.000
1.2078	4348	43.3385	24.672	37.00	41.250	936.607	22.874	-5.206	24.661	4.015	7.809	31.496	33.975	5.5316	2.27772	0.00033	43.3388	250.000
1.2081	4349	43.3388	24.672	37.00	41.250	936.809	22.879	-5.206	24.662	4.015	7.809	31.496	33.975	5.5316	2.27751	0.00033	43.3392	250.000
1.2083	4350	43.3392	24.673	37.00	41.250	937.011	22.884	-5.206	24.664	4.016	7.809	31.496	33.975	5.5316	2.27731	0.00033	43.3395	250.000
1.2086	4351	43.3395	24.673	37.00	41.250	937.213	22.889	-5.206	24.665	4.016	7.809	31.496	33.975	5.5316	2.27710	0.00033	43.3398	250.000
1.2089	4352	43.3398	24.673	37.00	41.250	937.415	22.894	-5.206	24.666	4.016	7.808	31.496	33.975	5.5316	2.27690	0.00033	43.3401	250.000
1.2092	4353	43.3401	24.674	37.00	41.250	937.617	22.898	-5.206	24.667	4.016	7.808	31.496	33.975	5.5316	2.27669	0.00033	43.3405	250.000
1.2094	4354	43.3405	24.674	37.00	41.250	937.819	22.903	-5.206	24.669	4.016	7.808	31.496	33.975	5.5316	2.27648	0.00033	43.3408	250.000
1.2097	4355	43.3408	24.674	37.00	41.250	938.021	22.908	-5.206	24.670	4.017	7.808	31.496	33.975	5.5316	2.27628	0.00033	43.3411	250.000
1.2100	4356	43.3411	24.675	37.00	41.250	938.223	22.913	-5.206	24.671	4.017	7.808	31.496	33.975	5.5316	2.27607	0.00033	43.3414	250.000
1.2103	4357	43.3414	24.675	37.00	41.250	938.425	22.918	-5.206	24.672	4.017	7.807	31.496	33.975	5.5316	2.27587	0.00033	43.3418	250.000
1.2106	4358	43.3418	24.675	37.00	41.250	938.627	22.923	-5.206	24.674	4.017	7.807	31.496	33.975	5.5316	2.27566	0.00033	43.3421	250.000
1.2108	4359	43.3421	24.675	37.00	41.250	938.829	22.928	-5.206	24.675	4.017	7.807	31.496	33.975	5.5316	2.27545	0.00033	43.3424	250.000
1.2111	4360	43.3424	24.676	37.00	41.250	939.031	22.933	-5.206	24.676	4.018	7.807	31.496	33.975	5.5316	2.27525	0.00033	43.3427	250.000
1.2114	4361	43.3427	24.676	37.00	41.250	939.233	22.938	-5.206	24.678	4.018	7.807	31.496	33.975	5.5316	2.27504	0.00033	43.3431	250.000
1.2117	4362	43.3431	24.676	37.00	41.250	939.435	22.943	-5.206	24.679	4.018	7.806	31.496	33.975	5.5316	2.27484	0.00032	43.3434	250.000
1.2119	4363	43.3434	24.677	37.00	41.250	939.637	22.948	-5.206	24.680	4.018	7.806	31.496	33.975	5.5316	2.27463	0.00032	43.3437	250.000
1.2122	4364	43.3437	24.677	37.00	41.250	939.839	22.953	-5.206	24.681	4.018	7.806	31.496	33.975	5.5316	2.27442	0.00032	43.3440	250.000
1.2125	4365	43.3440	24.677	37.00	41.250	940.041	22.958	-5.206	24.683	4.019	7.806	31.496	33.975	5.5316	2.27422	0.00032	43.3444	250.000
1.2128	4366	43.3444	24.678	37.00	41.250	940.243	22.963	-5.206	24.684	4.019	7.806	31.496	33.975	5.5316	2.27401	0.00032	43.3447	250.000
1.2131	4367	43.3447	24.678	37.00	41.250	940.445	22.968	-5.206	24.685	4.019	7.805	31.496	33.975	5.5316	2.27381	0.00032	43.3450	250.000
1.2133	4368	43.3450	24.678	37.00	41.250	940.647	22.972	-5.206	24.686	4.019	7.805	31.496	33.975	5.5316	2.27360	0.00032	43.3453	250.000
1.2136	4369	43.3453	24.679	37.00	41.250	940.849	22.977	-5.206	24.688	4.019	7.805	31.496	33.975	5.5316	2.27340	0.00032	43.3457	250.000
1.2139	4370	43.3457	24.679	37.00	41.250	941.051	22.982	-5.206	24.689	4.020	7.805	31.496	33.975	5.5316	2.27319	0.00032	43.3460	250.000
1.2142	4371	43.3460	24.679	37.00	41.250	941.253	22.987	-5.206	24.690	4.020	7.805	31.496	33.975	5.5316	2.27298	0.00032	43.3463	250.000
1.2144	4372	43.3463	24.680	37.00	41.250	941.455	22.992	-5.206	24.691	4.020	7.804	31.496	33.975	5.5316	2.27278	0.00032	43.3466	250.000
1.2147	4373	43.3466	24.680	37.00	41.250	941.657	22.997	-5.206	24.693	4.020	7.804	31.496	33.975	5.5316	2.27257	0.00032	43.3470	250.000
1.2150	4374	43.3470	24.680	37.00	41.250	941.859	23.002	-5.206	24.694	4.021	7.804	31.496	33.975	5.5316	2.27237	0.00032	43.3473	250.000
1.2153	4375	43.3473	24.681	37.00	41.250	942.061	23.007	-5.206	24.695	4.021	7.804	31.496	33.975	5.5316	2.27216	0.00032	43.3476	250.000
1.2156	4376	43.3476	24.681	37.00	41.250	942.263	23.012	-5.206	24.696	4.021	7.804	31.496	33.975	5.5316	2.27196	0.00032	43.3479	250.000
1.2158	4377	43.3479	24.681	37.00	41.250	942.465	23.017	-5.206	24.698	4.021	7.803	31.496	33.975	5.5316	2.27175	0.00032	43.3483	250.000
1.2161	4378	43.3483	24.682	37.00	41.250	942.667	23.022	-5.206	24.699	4.021	7.803	31.496	33.975	5.5316	2.27154	0.00032	43.3486	250.000
1.2164	4379	43.3486	24.682	37.00	41.250	942.869	23.027	-5.206	24.700	4.022	7.803	31.496	33.975	5.5316	2.27134	0.00032	43.3489	250.000
1.2167	4380	43.3489	24.682	37.00	41.250	943.072	23.032	-5.206	24.702	4.022	7.803	31.496	33.975	5.5316	2.27113	0.00032	43.3492	250.000
1.2169	4381	43.3492	24.683	37.00	41.250	943.274	23.037	-5.206	24.703	4.022	7.802	31.496	33.975	5.5316	2.27093	0.00032	43.3496	250.000
1.2172	4382	43.3496	24.683	37.00	41.250	943.476	23.042	-5.206	24.704	4.022	7.802	31.496	33.975	5.5316	2.27072	0.00032	43.3499	250.000
1.2175	4383	43.3499	24.683	37.00	41.250	943.678	23.047	-5.206	24.705	4.022	7.802	31.496	33.975	5.5316	2.27052	0.00032	43.3502	250.000
1.2178	4384	43.3502	24.684	37.00	41.250	943.880	23.051	-5.206	24.707	4.023	7.802	31.496	33.975	5.5316	2.27031	0.00032	43.3505	250.000
1.2181	4385	43.3505	24.684	37.00	41.250	944.082	23.056	-5.206	24.708	4.023	7.802	31.496	33.975	5.5316	2.27011	0.00032	43.3509	250.000
1.2183	4386	43.3509	24.684	37.00	41.250	944.284	23.061	-5.206	24.709	4.023	7.801	31.496	33.975	5.5316	2.26990	0.00032	43.3512	250.000
1.2186	4387	43.3512	24.685	37.00	41.250	944.486	23.066	-5.206	24.710	4.023	7.801	31.496	33.975	5.5316	2.26970	0.00032	43.3515	250.000
1.2189	4388	43.3515	24.685	37.00	41.250	944.688	23.071	-5.206	24.712	4.023	7.801	31.496	33.975	5.5316	2.26949	0.00032	43.3518	250.000
1.2192	4389	43.3518	24.685	37.00	41.250	944.890	23.076	-5.206	24.713	4.024	7.801	31.496	33.975	5.5316	2.26928	0.00032	43.3522	250.000
1.2194	4390	43.3522	24.686	37.00	41.250	945.092	23.081	-5.206	24.714	4.024	7.801	31.496	33.975	5.5316	2.26908	0.00032	43.3525	250.000
1.2197	4391	43.3525	24.686	37.00	41.250	945.294	23.086	-5.206	24.715	4.024	7.800	31.496	33.975	5.5316	2.26887	0.00032	43.3528	250.000
1.2200	4392	43.3528	24.686	37.00	41.250	945.496	23.091	-5.206	24.717	4.024	7.800	31.496	33.975	5.5316	2.26867	0.00032	43.3531	250.000
1.2203	4393	43.3531	24.687	37.00	41.250	945.698	23.096	-5.206	24.718	4.024	7.800	31.496	33.975	5.5316	2.26846	0.00032	43.3535	250.000
1.2206	4394	43.3535	24.687	37.00	41.250	945.900	23.101	-5.206	24.719	4.025	7.800	31.496	33.975	5.5316	2.26826	0.00032	43.3538	250.000
1.2208	4395	43.3538	24.687	37.00	41.250	946.102	23.106	-5.206	24.720	4.025	7.800	31.496	33.975	5.5316	2.26805	0.00032	43.3541	250.000
1.2211	4396	43.3541	24.687	37.00	41.250	946.304	23.111	-5.206	24.722	4.025	7.799	31.496	33.975	5.5316	2.26785	0.00032	43.3544	250.000
1.2214	4397	43.3544	24.688	37.00	41.250	946.506	23.116	-5.206	24.723	4.025	7.799	31.496	33.975	5.5316	2.26764	0.00032	43.3548	250.000
1.2217	4398	43.3548	24.688	37.00	41.250	946.708	23.121	-5.206	24.724	4.025	7.799	31.496	33.975	5.5316	2.26744	0.00032	43.3551	250.000
1.2219	4399	43.3551	24.688	37.00	41.250	946.910	23.125	-5.206	24.726	4.026	7.799	31.496	33.975	5.5316	2.26723	0.00032	43.3554	250.000
1.2222	4400	43.3554	24.689	37.00	41.250	947.112	23.130	-5.206	24.727	4.026	7.799	31.496	33.975	5.5316	2.26703	0.00032	43.3557	250.000
1.2225	4401	43.3557	24.689	37.00	41.250	947.314	23.135	-5.206	24.728	4.026	7.798	31.496	33.975	5.5316	2.26682	0.00032	43.3560	250.000
1.2228	4402	43.3560	24.689	37.00	41.250	947.516	23.140	-5.206	24.729	4.026	7.798	31.496	33.975	5.5316	2.26662	0.00032	43.3564	250.000
1.2231	4403	43.3564	24.690	37.00	41.250	947.718	23.145	-5.206	24.731	4.026	7.798	31.496	33.975	5.5316	2.26641	0.00032	43.3567	250.000
1.2233	4404	43.3567	24.690	37.00	41.250	947.920	23.150	-5.206	24.732	4.027	7.798	31.496	33.975	5.5316	2.26621	0.00032	43.3570	250.000
1.2236	4405	43.3570	24.690	37.00	41.250	948.122	23.155	-5.206	24.733	4.027	7.798	31.496	33.975	5.5316	2.26600	0.00032	43.3573	250.000
1.2239	4406	43.3573	24.691	37.00	41.250	948.324	23.160	-5.206	24.734	4.027	7.797	31.496	33.975	5.5316	2.26580	0.00032	43.3577	250.000
1.2242	4407	43.3577	24.691	37.00	41.250	948.526	23.165	-5.206	24.736	4.027	7.797	31.496	33.975	5.5316	2.26559	0.00032	43.3580	250.000
1.2244	4408	43.3580	24.691	37.00	41.250	948.728	23.170	-5.206	24.737	4.027	7.797	31.496	33.975	5.5316	2.26539	0.00032	43.3583	250.000
1.2247	4409	43.3583	24.692	37.00	41.250	948.930	23.175	-5.206	24.738	4.028	7.797	31.496	33.975	5.5316	2.26518	0.00032	43.3586	250.000
1.2250	4410	43.3586	24.692	37.00	41.250	949.132	23.180	-5.206	24.739	4.028	7.797	31.496	33.975	5.5316	2.26498	0.00032	43.3590	250.000
1.2253	4411	43.3590	24.692	37.00	41.250	949.334	23.185	-5.206	24.741	4.028	7.796	31.496	33.975	5.5316	2.26477	0.00032	43.3593	250.000
1.2256	4412	43.3593	24.693	37.00	41.250	949.536	23.190	-5.206	24.742	4.028	7.796	31.496	33.975	5.5316	2.26457	0.00032	43.3596	250.000
1.2258	4413	43.3596	24.693	37.00	41.250	949.739	23.195	-5.206	24.743	4.029	7.796	31.496	33.975	5.5316	2.26436	0.00032	43.3599	250.000
1.2261	4414	43.3599	24.693	37.00	41.250	949.941	23.199	-5.206	24.744	4.029	7.796	31.496	33.975	5.5316	2.26416	0.00032	43.3603	250.000
1.2264	4415	43.3603	24.694	37.00	41.250	950.143	23.204	-5.206	24.746	4.029	7.796	31.496	33.975	5.5316	2.26395	0.00032	43.3606	250.000
1.2267	4416	43.3606	24.694	37.00	41.250	950.345	23.209	-5.206	24.747	4.029	7.795	31.496	33.975	5.5316	2.26375	0.00032	43.3609	250.000
1.2269	4417	43.3609	24.694	37.00	41.250	950.547	23.214	-5.206	24.748	4.029	7.795	31.496	33.975	5.5316	2.26354	0.00032	43.3612	250.000
1.2272	4418	43.3612	24.695	37.00	41.250	950.749	23.219	-5.206	24.749	4.030	7.795	31.496	33.975	5.5316	2.26334	0.00032	43.3615	250.000
1.2275	4419	43.3615	24.695	37.00	41.250	950.951	23.224	-5.206	24.751	4.030	7.795	31.496	33.975	5.5316	2.26313	0.00032	43.3619	250.000
1.2278	4420	43.3619	24.695	37.00	41.250	951.153	23.229	-5.206	24.752	4.030	7.794	31.496	33.975	5.5316	2.26293	0.00032	43.3622	250.000

1.2281	4421	43.3622	24.696	37.00	41.250	951.355	23.234	-5.206	24.753	4.030	7.794	31.496	33.975	5.5316	2.26272	0.00032	43.3625	250.000
1.2283	4422	43.3625	24.696	37.00	41.250	951.557	23.239	-5.206	24.754	4.030	7.794	31.496	33.975	5.5316	2.26252	0.00032	43.3628	250.000
1.2286	4423	43.3628	24.696	37.00	41.250	951.759	23.244	-5.206	24.756	4.031	7.794	31.496	33.975	5.5316	2.26231	0.00032	43.3632	250.000
1.2289	4424	43.3632	24.697	37.00	41.250	951.961	23.249	-5.206	24.757	4.031	7.794	31.496	33.975	5.5316	2.26211	0.00032	43.3635	250.000
1.2292	4425	43.3635	24.697	37.00	41.250	952.163	23.254	-5.206	24.758	4.031	7.793	31.496	33.975	5.5316	2.26190	0.00032	43.3638	250.000
1.2294	4426	43.3638	24.697	37.00	41.250	952.365	23.259	-5.206	24.759	4.031	7.793	31.496	33.975	5.5316	2.26170	0.00032	43.3641	250.000
1.2297	4427	43.3641	24.698	37.00	41.250	952.567	23.264	-5.206	24.761	4.031	7.793	31.496	33.975	5.5316	2.26149	0.00032	43.3645	250.000
1.2300	4428	43.3645	24.698	37.00	41.250	952.769	23.269	-5.206	24.762	4.032	7.793	31.496	33.975	5.5316	2.26129	0.00032	43.3648	250.000
1.2303	4429	43.3648	24.698	37.00	41.250	952.971	23.273	-5.206	24.763	4.032	7.793	31.496	33.975	5.5316	2.26108	0.00032	43.3651	250.000
1.2306	4430	43.3651	24.698	37.00	41.250	953.173	23.278	-5.206	24.765	4.032	7.792	31.496	33.975	5.5316	2.26088	0.00032	43.3654	250.000
1.2308	4431	43.3654	24.699	37.00	41.250	953.375	23.283	-5.206	24.766	4.032	7.792	31.496	33.975	5.5316	2.26068	0.00032	43.3657	250.000
1.2311	4432	43.3657	24.699	37.00	41.250	953.577	23.288	-5.206	24.767	4.032	7.792	31.496	33.975	5.5316	2.26047	0.00032	43.3661	250.000
1.2314	4433	43.3661	24.699	37.00	41.250	953.779	23.293	-5.206	24.768	4.033	7.792	31.496	33.975	5.5316	2.26027	0.00032	43.3664	250.000
1.2317	4434	43.3664	24.700	37.00	41.250	953.981	23.298	-5.206	24.770	4.033	7.792	31.496	33.975	5.5316	2.26006	0.00032	43.3667	250.000
1.2319	4435	43.3667	24.700	37.00	41.250	954.183	23.303	-5.206	24.771	4.033	7.791	31.496	33.975	5.5316	2.25986	0.00032	43.3670	250.000
1.2322	4436	43.3670	24.700	37.00	41.250	954.385	23.308	-5.206	24.772	4.033	7.791	31.496	33.975	5.5316	2.25965	0.00032	43.3674	250.000
1.2325	4437	43.3674	24.701	37.00	41.250	954.587	23.313	-5.206	24.773	4.033	7.791	31.496	33.975	5.5316	2.25945	0.00032	43.3677	250.000
1.2328	4438	43.3677	24.701	37.00	41.250	954.789	23.318	-5.206	24.775	4.034	7.791	31.496	33.975	5.5316	2.25924	0.00032	43.3680	250.000
1.2331	4439	43.3680	24.701	37.00	41.250	954.991	23.323	-5.206	24.776	4.034	7.791	31.496	33.975	5.5316	2.25904	0.00032	43.3683	250.000
1.2333	4440	43.3683	24.702	37.00	41.250	955.193	23.328	-5.206	24.777	4.034	7.790	31.496	33.975	5.5316	2.25883	0.00032	43.3687	250.000
1.2336	4441	43.3687	24.702	37.00	41.250	955.395	23.333	-5.206	24.778	4.034	7.790	31.496	33.975	5.5316	2.25863	0.00032	43.3690	250.000
1.2339	4442	43.3690	24.702	37.00	41.250	955.597	23.338	-5.206	24.780	4.034	7.790	31.496	33.975	5.5316	2.25843	0.00032	43.3693	250.000
1.2342	4443	43.3693	24.703	37.00	41.250	955.799	23.343	-5.206	24.781	4.035	7.790	31.496	33.975	5.5316	2.25822	0.00032	43.3696	250.000
1.2344	4444	43.3696	24.703	37.00	41.250	956.001	23.347	-5.206	24.782	4.035	7.790	31.496	33.975	5.5316	2.25802	0.00032	43.3699	250.000
1.2347	4445	43.3699	24.703	37.00	41.250	956.203	23.352	-5.206	24.783	4.035	7.789	31.496	33.975	5.5316	2.25781	0.00032	43.3703	250.000
1.2350	4446	43.3703	24.704	37.00	41.250	956.405	23.357	-5.206	24.785	4.035	7.789	31.496	33.975	5.5316	2.25761	0.00032	43.3706	250.000
1.2353	4447	43.3706	24.704	37.00	41.250	956.608	23.362	-5.206	24.786	4.035	7.789	31.496	33.975	5.5316	2.25740	0.00032	43.3709	250.000
1.2356	4448	43.3709	24.704	37.00	41.250	956.810	23.367	-5.206	24.787	4.036	7.789	31.496	33.975	5.5316	2.25720	0.00032	43.3712	250.000
1.2358	4449	43.3712	24.705	37.00	41.250	957.012	23.372	-5.206	24.788	4.036	7.789	31.496	33.975	5.5316	2.25700	0.00032	43.3716	250.000
1.2361	4450	43.3716	24.705	37.00	41.250	957.214	23.377	-5.206	24.790	4.036	7.788	31.496	33.975	5.5316	2.25679	0.00032	43.3719	250.000
1.2364	4451	43.3719	24.705	37.00	41.250	957.416	23.382	-5.206	24.791	4.036	7.788	31.496	33.975	5.5316	2.25659	0.00032	43.3722	250.000
1.2367	4452	43.3722	24.706	37.00	41.250	957.618	23.387	-5.206	24.792	4.036	7.788	31.496	33.975	5.5316	2.25638	0.00032	43.3725	250.000
1.2369	4453	43.3725	24.706	37.00	41.250	957.820	23.392	-5.206	24.793	4.037	7.788	31.496	33.975	5.5316	2.25618	0.00032	43.3728	250.000
1.2372	4454	43.3728	24.706	37.00	41.250	958.022	23.397	-5.206	24.795	4.037	7.788	31.496	33.975	5.5316	2.25597	0.00032	43.3732	250.000
1.2375	4455	43.3732	24.707	37.00	41.250	958.224	23.402	-5.206	24.796	4.037	7.787	31.496	33.975	5.5316	2.25577	0.00032	43.3735	250.000
1.2378	4456	43.3735	24.707	37.00	41.250	958.426	23.407	-5.206	24.797	4.037	7.787	31.496	33.975	5.5316	2.25557	0.00032	43.3738	250.000
1.2381	4457	43.3738	24.707	37.00	41.250	958.628	23.412	-5.206	24.798	4.038	7.787	31.496	33.975	5.5316	2.25536	0.00032	43.3741	250.000
1.2383	4458	43.3741	24.708	37.00	41.250	958.830	23.417	-5.206	24.800	4.038	7.787	31.496	33.975	5.5316	2.25516	0.00032	43.3745	250.000
1.2386	4459	43.3745	24.708	37.00	41.250	959.032	23.421	-5.206	24.801	4.038	7.787	31.496	33.975	5.5316	2.25495	0.00032	43.3748	250.000
1.2389	4460	43.3748	24.708	37.00	41.250	959.234	23.426	-5.206	24.802	4.038	7.786	31.496	33.975	5.5316	2.25475	0.00032	43.3751	250.000
1.2392	4461	43.3751	24.708	37.00	41.250	959.436	23.431	-5.206	24.803	4.038	7.786	31.496	33.975	5.5316	2.25455	0.00032	43.3754	250.000
1.2394	4462	43.3754	24.709	37.00	41.250	959.638	23.436	-5.206	24.805	4.039	7.786	31.496	33.975	5.5316	2.25434	0.00032	43.3757	250.000
1.2397	4463	43.3757	24.709	37.00	41.250	959.840	23.441	-5.206	24.806	4.039	7.786	31.496	33.975	5.5316	2.25414	0.00032	43.3761	250.000
1.2400	4464	43.3761	24.709	37.00	41.250	960.042	23.446	-5.206	24.807	4.039	7.785	31.496	33.975	5.5316	2.25393	0.00032	43.3764	250.000
1.2403	4465	43.3764	24.710	37.00	41.250	960.244	23.451	-5.206	24.808	4.039	7.785	31.496	33.975	5.5316	2.25373	0.00032	43.3767	250.000
1.2406	4466	43.3767	24.710	37.00	41.250	960.446	23.456	-5.206	24.810	4.039	7.785	31.496	33.975	5.5316	2.25353	0.00032	43.3770	250.000
1.2408	4467	43.3770	24.710	37.00	41.250	960.648	23.461	-5.206	24.811	4.040	7.785	31.496	33.975	5.5316	2.25332	0.00032	43.3774	250.000
1.2411	4468	43.3774	24.711	37.00	41.250	960.850	23.466	-5.206	24.812	4.040	7.785	31.496	33.975	5.5316	2.25312	0.00032	43.3777	250.000
1.2414	4469	43.3777	24.711	37.00	41.250	961.052	23.471	-5.206	24.813	4.040	7.784	31.496	33.975	5.5316	2.25291	0.00032	43.3780	250.000
1.2417	4470	43.3780	24.711	37.00	41.250	961.254	23.476	-5.206	24.815	4.040	7.784	31.496	33.975	5.5316	2.25271	0.00032	43.3783	250.000
1.2419	4471	43.3783	24.712	37.00	41.250	961.456	23.481	-5.206	24.816	4.040	7.784	31.496	33.975	5.5316	2.25251	0.00032	43.3786	250.000
1.2422	4472	43.3786	24.712	37.00	41.250	961.658	23.486	-5.206	24.817	4.041	7.784	31.496	33.975	5.5316	2.25230	0.00032	43.3790	250.000
1.2425	4473	43.3790	24.712	37.00	41.250	961.860	23.491	-5.206	24.818	4.041	7.784	31.496	33.975	5.5316	2.25210	0.00032	43.3793	250.000
1.2428	4474	43.3793	24.713	37.00	41.250	962.062	23.495	-5.206	24.820	4.041	7.783	31.496	33.975	5.5316	2.25190	0.00032	43.3796	250.000
1.2431	4475	43.3796	24.713	37.00	41.250	962.264	23.500	-5.206	24.821	4.041	7.783	31.496	33.975	5.5316	2.25169	0.00032	43.3799	250.000
1.2433	4476	43.3799	24.713	37.00	41.250	962.466	23.505	-5.206	24.822	4.041	7.783	31.496	33.975	5.5316	2.25149	0.00032	43.3803	250.000
1.2436	4477	43.3803	24.714	37.00	41.250	962.668	23.510	-5.206	24.823	4.042	7.783	31.496	33.975	5.5316	2.25128	0.00032	43.3806	250.000
1.2439	4478	43.3806	24.714	37.00	41.250	962.870	23.515	-5.206	24.825	4.042	7.783	31.496	33.975	5.5316	2.25108	0.00032	43.3809	250.000
1.2442	4479	43.3809	24.714	37.00	41.250	963.072	23.520	-5.206	24.826	4.042	7.782	31.496	33.975	5.5316	2.25088	0.00032	43.3812	250.000
1.2444	4480	43.3812	24.715	37.00	41.250	963.275	23.525	-5.206	24.827	4.042	7.782	31.496	33.975	5.5316	2.25067	0.00032	43.3815	250.000
1.2447	4481	43.3815	24.715	37.00	41.250	963.477	23.530	-5.206	24.828	4.042	7.782	31.496	33.975	5.5316	2.25047	0.00032	43.3819	250.000
1.2450	4482	43.3819	24.715	37.00	41.250	963.679	23.535	-5.206	24.830	4.043	7.782	31.496	33.975	5.5316	2.25027	0.00032	43.3822	250.000
1.2453	4483	43.3822	24.716	37.00	41.250	963.881	23.540	-5.206	24.831	4.043	7.782	31.496	33.975	5.5316	2.25006	0.00032	43.3825	250.000
1.2456	4484	43.3825	24.716	37.00	41.250	964.083	23.545	-5.206	24.832	4.043	7.781	31.496	33.975	5.5316	2.24986	0.00032	43.3828	250.000
1.2458	4485	43.3828	24.716	37.00	41.250	964.285	23.550	-5.206	24.833	4.043	7.781	31.496	33.975	5.5316	2.24965	0.00032	43.3831	250.000
1.2461	4486	43.3831	24.717	37.00	41.250	964.487	23.555	-5.206	24.835	4.043	7.781	31.496	33.975	5.5316	2.24945	0.00032	43.3835	250.000
1.2464	4487	43.3835	24.717	37.00	41.250	964.689	23.560	-5.206	24.836	4.044	7.781	31.496	33.975	5.5316	2.24925	0.00032	43.3838	250.000
1.2467	4488	43.3838	24.717	37.00	41.250	964.891	23.565	-5.206	24.837	4.044	7.781	31.496	33.975	5.5316	2.24904	0.00032	43.3841	250.000
1.2469	4489	43.3841	24.717	37.00	41.250	965.093	23.570	-5.206	24.838	4.044	7.780	31.496	33.975	5.5316	2.24884	0.00032	43.3844	250.000
1.2472	4490	43.3844	24.718	37.00	41.250	965.295	23.574	-5.206	24.840	4.044	7.780	31.496	33.975	5.5316	2.24864	0.00032	43.3847	250.000
1.2475	4491	43.3847	24.718	37.00	41.250	965.497	23.579	-5.206	24.841	4.044	7.780	31.496	33.975	5.5316	2.24843	0.00032	43.3851	250.000
1.2478	4492	43.3851	24.718	37.00	41.250	965.699	23.584	-5.206	24.842	4.045	7.780	31.496	33.975	5.5316	2.24823	0.00032	43.3854	250.000
1.2481	4493	43.3854	24.719	37.00	41.250	965.901	23.589	-5.206	24.843	4.045	7.780	31.496	33.975	5.5316	2.24803	0.00032	43.3857	250.000
1.2483	4494	43.3857	24.719	37.00	41.250	966.103	23.594	-5.206	24.845	4.045	7.779	31.496	33.975	5.5316	2.24782	0.00032	43.3860	250.000
1.2486	4495	43.3860	24.719	37.00	41.250	966.305	23.599	-5.206	24.846	4.045	7.779	31.496	33.975	5.5316	2.24762	0.00032	43.3864	250.000
1.2489	4496	43.3864	24.720	37.00	41.250	966.507	23.604	-5.206	24.847	4.045	7.779	31.496	33.975	5.5316	2.24742	0.00032	43.3867	250.000
1.2492	4497	43.3867	24.720	37.00	41.250	966.709	23.609	-5.206	24.848	4.046	7.779	31.496	33.975	5.5316	2.24721	0.00032	43.3870	250.000
1.2494	4498	43.3870	24.720	37.00	41.250	966.911	23.614	-5.206	24.850	4.046	7.779	31.496	33.975	5.5316	2.24701	0.00032	43.3873	250.000
1.2497	4499	43.3873	24.721	37.00	41.250	967.113	23.619	-5.206	24.851	4.046	7.778	31.496	33.975	5.5316	2.24681	0.00032	43.3876	250.000
1.2500	4500	43.3876	24.721	37.00	41.250	967.315	23.624	-5.206	24.852	4.046	7.778	31.496	33.975	5.5316	2.24660	0.00032	43.3880	250.000
1.2503	4501	43.3880	24.721	37.00	41.250	967.517	23.629	-5.206	24.853	4.046	7.778	31.496	33.975	5.5316	2.24640	0.00032	43.3883	250.000

1.2506	4502	43.3883	24.722	37.00	41.250	967.719	23.634	-5.206	24.855	4.047	7.778	31.496	33.975	5.5316	2.24620	0.00032	43.3886	250.000
1.2508	4503	43.3886	24.722	37.00	41.250	967.921	23.639	-5.206	24.856	4.047	7.778	31.496	33.975	5.5316	2.24599	0.00032	43.3889	250.000
1.2511	4504	43.3889	24.722	37.00	41.250	968.123	23.644	-5.206	24.857	4.047	7.777	31.496	33.975	5.5316	2.24579	0.00032	43.3892	250.000
1.2514	4505	43.3892	24.723	37.00	41.250	968.325	23.648	-5.206	24.858	4.047	7.777	31.496	33.975	5.5316	2.24559	0.00032	43.3896	250.000
1.2517	4506	43.3896	24.723	37.00	41.250	968.527	23.653	-5.206	24.860	4.047	7.777	31.496	33.975	5.5316	2.24538	0.00032	43.3899	250.000
1.2519	4507	43.3899	24.723	37.00	41.250	968.729	23.658	-5.206	24.861	4.048	7.777	31.496	33.975	5.5316	2.24518	0.00032	43.3902	250.000
1.2522	4508	43.3902	24.724	37.00	41.250	968.931	23.663	-5.206	24.862	4.048	7.777	31.496	33.975	5.5316	2.24498	0.00032	43.3905	250.000
1.2525	4509	43.3905	24.724	37.00	41.250	969.133	23.668	-5.206	24.863	4.048	7.776	31.496	33.975	5.5316	2.24477	0.00032	43.3908	250.000
1.2528	4510	43.3908	24.724	37.00	41.250	969.335	23.673	-5.206	24.865	4.048	7.776	31.496	33.975	5.5316	2.24457	0.00032	43.3912	250.000
1.2531	4511	43.3912	24.725	37.00	41.250	969.537	23.678	-5.206	24.866	4.049	7.776	31.496	33.975	5.5316	2.24437	0.00032	43.3915	250.000
1.2533	4512	43.3915	24.725	37.00	41.250	969.739	23.683	-5.206	24.867	4.049	7.776	31.496	33.975	5.5316	2.24416	0.00032	43.3918	250.000
1.2536	4513	43.3918	24.725	37.00	41.250	969.942	23.688	-5.206	24.868	4.049	7.776	31.496	33.975	5.5316	2.24396	0.00032	43.3921	250.000
1.2539	4514	43.3921	24.726	37.00	41.250	970.144	23.693	-5.206	24.870	4.049	7.775	31.496	33.975	5.5316	2.24376	0.00032	43.3925	250.000
1.2542	4515	43.3925	24.726	37.00	41.250	970.346	23.698	-5.206	24.871	4.049	7.775	31.496	33.975	5.5316	2.24356	0.00032	43.3928	250.000
1.2544	4516	43.3928	24.726	37.00	41.250	970.548	23.703	-5.206	24.872	4.050	7.775	31.496	33.975	5.5316	2.24335	0.00032	43.3931	250.000
1.2547	4517	43.3931	24.726	37.00	41.250	970.750	23.708	-5.206	24.873	4.050	7.775	31.496	33.975	5.5316	2.24315	0.00032	43.3934	250.000
1.2550	4518	43.3934	24.727	37.00	41.250	970.952	23.713	-5.206	24.875	4.050	7.774	31.496	33.975	5.5316	2.24295	0.00032	43.3937	250.000
1.2553	4519	43.3937	24.727	37.00	41.250	971.154	23.718	-5.206	24.876	4.050	7.774	31.496	33.975	5.5316	2.24274	0.00032	43.3941	250.000
1.2556	4520	43.3941	24.727	37.00	41.250	971.356	23.722	-5.206	24.877	4.050	7.774	31.496	33.975	5.5316	2.24254	0.00032	43.3944	250.000
1.2558	4521	43.3944	24.728	37.00	41.250	971.558	23.727	-5.206	24.878	4.051	7.774	31.496	33.975	5.5316	2.24234	0.00032	43.3947	250.000
1.2561	4522	43.3947	24.728	37.00	41.250	971.760	23.732	-5.206	24.880	4.051	7.774	31.496	33.975	5.5316	2.24213	0.00032	43.3950	250.000
1.2564	4523	43.3950	24.728	37.00	41.250	971.962	23.737	-5.206	24.881	4.051	7.773	31.496	33.975	5.5316	2.24193	0.00032	43.3953	250.000
1.2567	4524	43.3953	24.729	37.00	41.250	972.164	23.742	-5.206	24.882	4.051	7.773	31.496	33.975	5.5316	2.24173	0.00032	43.3957	250.000
1.2569	4525	43.3957	24.729	37.00	41.250	972.366	23.747	-5.206	24.883	4.051	7.773	31.496	33.975	5.5316	2.24153	0.00032	43.3960	250.000
1.2572	4526	43.3960	24.729	37.00	41.250	972.568	23.752	-5.206	24.885	4.052	7.773	31.496	33.975	5.5316	2.24132	0.00032	43.3963	250.000
1.2575	4527	43.3963	24.730	37.00	41.250	972.770	23.757	-5.206	24.886	4.052	7.773	31.496	33.975	5.5316	2.24112	0.00032	43.3966	250.000
1.2578	4528	43.3966	24.730	37.00	41.250	972.972	23.762	-5.206	24.887	4.052	7.772	31.496	33.975	5.5316	2.24092	0.00032	43.3969	250.000
1.2581	4529	43.3969	24.730	37.00	41.250	973.174	23.767	-5.206	24.888	4.052	7.772	31.496	33.975	5.5316	2.24071	0.00032	43.3973	250.000
1.2583	4530	43.3973	24.731	37.00	41.250	973.376	23.772	-5.206	24.890	4.052	7.772	31.496	33.975	5.5316	2.24051	0.00032	43.3976	250.000
1.2586	4531	43.3976	24.731	37.00	41.250	973.578	23.777	-5.206	24.891	4.053	7.772	31.496	33.975	5.5316	2.24031	0.00032	43.3979	250.000
1.2589	4532	43.3979	24.731	37.00	41.250	973.780	23.782	-5.206	24.892	4.053	7.772	31.496	33.975	5.5316	2.24011	0.00032	43.3982	250.000
1.2592	4533	43.3982	24.732	37.00	41.250	973.982	23.787	-5.206	24.893	4.053	7.771	31.496	33.975	5.5316	2.23990	0.00032	43.3985	250.000
1.2594	4534	43.3985	24.732	37.00	41.250	974.184	23.792	-5.206	24.895	4.053	7.771	31.496	33.975	5.5316	2.23970	0.00032	43.3989	250.000
1.2597	4535	43.3989	24.732	37.00	41.250	974.386	23.796	-5.206	24.896	4.053	7.771	31.496	33.975	5.5316	2.23950	0.00032	43.3992	250.000
1.2600	4536	43.3992	24.733	37.00	41.250	974.588	23.801	-5.206	24.897	4.054	7.771	31.496	33.975	5.5316	2.23930	0.00032	43.3995	250.000
1.2603	4537	43.3995	24.733	37.00	41.250	974.790	23.806	-5.206	24.898	4.054	7.771	31.496	33.975	5.5316	2.23909	0.00032	43.3998	250.000
1.2606	4538	43.3998	24.733	37.00	41.250	974.992	23.811	-5.206	24.900	4.054	7.770	31.496	33.975	5.5316	2.23889	0.00032	43.4001	250.000
1.2608	4539	43.4001	24.734	37.00	41.250	975.194	23.816	-5.206	24.901	4.054	7.770	31.496	33.975	5.5316	2.23869	0.00032	43.4005	250.000
1.2611	4540	43.4005	24.734	37.00	41.250	975.396	23.821	-5.206	24.902	4.054	7.770	31.496	33.975	5.5316	2.23849	0.00032	43.4008	250.000
1.2614	4541	43.4008	24.734	37.00	41.250	975.598	23.826	-5.206	24.903	4.055	7.770	31.496	33.975	5.5316	2.23828	0.00032	43.4011	250.000
1.2617	4542	43.4011	24.734	37.00	41.250	975.800	23.831	-5.206	24.905	4.055	7.770	31.496	33.975	5.5316	2.23808	0.00032	43.4014	250.000
1.2619	4543	43.4014	24.735	37.00	41.250	976.002	23.836	-5.206	24.906	4.055	7.769	31.496	33.975	5.5316	2.23788	0.00032	43.4017	250.000
1.2622	4544	43.4017	24.735	37.00	41.250	976.204	23.841	-5.206	24.907	4.055	7.769	31.496	33.975	5.5316	2.23768	0.00032	43.4021	250.000
1.2625	4545	43.4021	24.735	37.00	41.250	976.406	23.846	-5.206	24.908	4.055	7.769	31.496	33.975	5.5316	2.23747	0.00032	43.4024	250.000
1.2628	4546	43.4024	24.736	37.00	41.250	976.608	23.851	-5.206	24.910	4.056	7.769	31.496	33.975	5.5316	2.23727	0.00032	43.4027	250.000
1.2631	4547	43.4027	24.736	37.00	41.250	976.811	23.856	-5.206	24.911	4.056	7.769	31.496	33.975	5.5316	2.23707	0.00032	43.4030	250.000
1.2633	4548	43.4030	24.736	37.00	41.250	977.013	23.861	-5.206	24.912	4.056	7.768	31.496	33.975	5.5316	2.23687	0.00032	43.4033	250.000
1.2636	4549	43.4033	24.737	37.00	41.250	977.215	23.866	-5.206	24.913	4.056	7.768	31.496	33.975	5.5316	2.23666	0.00032	43.4037	250.000
1.2639	4550	43.4037	24.737	37.00	41.250	977.417	23.870	-5.206	24.915	4.056	7.768	31.496	33.975	5.5316	2.23646	0.00032	43.4040	250.000
1.2642	4551	43.4040	24.737	37.00	41.250	977.619	23.875	-5.206	24.916	4.057	7.768	31.496	33.975	5.5316	2.23626	0.00032	43.4043	250.000
1.2644	4552	43.4043	24.738	37.00	41.250	977.821	23.880	-5.206	24.917	4.057	7.768	31.496	33.975	5.5316	2.23606	0.00032	43.4046	250.000
1.2647	4553	43.4046	24.738	37.00	41.250	978.023	23.885	-5.206	24.918	4.057	7.767	31.496	33.975	5.5316	2.23585	0.00032	43.4049	250.000
1.2650	4554	43.4049	24.738	37.00	41.250	978.225	23.890	-5.206	24.919	4.057	7.767	31.496	33.975	5.5316	2.23565	0.00032	43.4052	250.000
1.2653	4555	43.4052	24.739	37.00	41.250	978.427	23.895	-5.206	24.921	4.057	7.767	31.496	33.975	5.5316	2.23545	0.00032	43.4056	250.000
1.2656	4556	43.4056	24.739	37.00	41.250	978.629	23.900	-5.206	24.922	4.058	7.767	31.496	33.975	5.5316	2.23525	0.00032	43.4059	250.000
1.2658	4557	43.4059	24.739	37.00	41.250	978.831	23.905	-5.206	24.923	4.058	7.767	31.496	33.975	5.5316	2.23504	0.00032	43.4062	250.000
1.2661	4558	43.4062	24.740	37.00	41.250	979.033	23.910	-5.206	24.924	4.058	7.766	31.496	33.975	5.5316	2.23484	0.00032	43.4065	250.000
1.2664	4559	43.4065	24.740	37.00	41.250	979.235	23.915	-5.206	24.926	4.058	7.766	31.496	33.975	5.5316	2.23464	0.00032	43.4068	250.000
1.2667	4560	43.4068	24.740	37.00	41.250	979.437	23.920	-5.206	24.927	4.058	7.766	31.496	33.975	5.5316	2.23444	0.00032	43.4072	250.000
1.2669	4561	43.4072	24.741	37.00	41.250	979.639	23.925	-5.206	24.928	4.059	7.766	31.496	33.975	5.5316	2.23424	0.00032	43.4075	250.000
1.2672	4562	43.4075	24.741	37.00	41.250	979.841	23.930	-5.206	24.929	4.059	7.766	31.496	33.975	5.5316	2.23403	0.00032	43.4078	250.000
1.2675	4563	43.4078	24.741	37.00	41.250	980.043	23.935	-5.206	24.931	4.059	7.765	31.496	33.975	5.5316	2.23383	0.00032	43.4081	250.000
1.2678	4564	43.4081	24.742	37.00	41.250	980.245	23.940	-5.206	24.932	4.059	7.765	31.496	33.975	5.5316	2.23363	0.00032	43.4084	250.000
1.2681	4565	43.4084	24.742	37.00	41.250	980.447	23.944	-5.206	24.933	4.059	7.765	31.496	33.975	5.5316	2.23343	0.00032	43.4088	250.000
1.2683	4566	43.4088	24.742	37.00	41.250	980.649	23.949	-5.206	24.934	4.060	7.765	31.496	33.975	5.5316	2.23322	0.00032	43.4091	250.000
1.2686	4567	43.4091	24.742	37.00	41.250	980.851	23.954	-5.206	24.936	4.060	7.765	31.496	33.975	5.5316	2.23302	0.00032	43.4094	250.000
1.2689	4568	43.4094	24.743	37.00	41.250	981.053	23.959	-5.206	24.937	4.060	7.764	31.496	33.975	5.5316	2.23282	0.00032	43.4097	250.000
1.2692	4569	43.4097	24.743	37.00	41.250	981.255	23.964	-5.206	24.938	4.060	7.764	31.496	33.975	5.5316	2.23262	0.00032	43.4100	250.000
1.2694	4570	43.4100	24.743	37.00	41.250	981.457	23.969	-5.206	24.939	4.060	7.764	31.496	33.975	5.5316	2.23242	0.00032	43.4104	250.000
1.2697	4571	43.4104	24.744	37.00	41.250	981.659	23.974	-5.206	24.941	4.061	7.764	31.496	33.975	5.5316	2.23221	0.00032	43.4107	250.000
1.2700	4572	43.4107	24.744	37.00	41.250	981.861	23.979	-5.206	24.942	4.061	7.764	31.496	33.975	5.5316	2.23201	0.00032	43.4110	250.000
1.2703	4573	43.4110	24.744	37.00	41.250	982.063	23.984	-5.206	24.943	4.061	7.763	31.496	33.975	5.5316	2.23181	0.00032	43.4113	250.000
1.2706	4574	43.4113	24.745	37.00	41.250	982.265	23.989	-5.206	24.944	4.061	7.763	31.496	33.975	5.5316	2.23161	0.00032	43.4116	250.000
1.2708	4575	43.4116	24.745	37.00	41.250	982.467	23.994	-5.206	24.946	4.061	7.763	31.496	33.975	5.5316	2.23141	0.00032	43.4119	250.000
1.2711	4576	43.4119	24.745	37.00	41.250	982.669	23.999	-5.206	24.947	4.062	7.763	31.496	33.975	5.5316	2.23120	0.00032	43.4123	250.000
1.2714	4577	43.4123	24.746	37.00	41.250	982.871	24.004	-5.206	24.948	4.062	7.763	31.496	33.975	5.5316	2.23100	0.00032	43.4126	250.000
1.2717	4578	43.4126	24.746	37.00	41.250	983.073	24.009	-5.206	24.949	4.062	7.762	31.496	33.975	5.5316	2.23080	0.00032	43.4129	250.000
1.2719	4579	43.4129	24.746	37.00	41.250	983.275	24.014	-5.206	24.951	4.062	7.762	31.496	33.975	5.5316	2.23060	0.00032	43.4132	250.000
1.2722	4580	43.4132	24.747	37.00	41.250	983.478	24.018	-5.206	24.952	4.062	7.762	31.496	33.975	5.5316	2.23040	0.00032	43.4135	250.000
1.2725	4581	43.4135	24.747	37.00	41.250	983.680	24.023	-5.206	24.953	4.063	7.762	31.496	33.975	5.5316	2.23019	0.00032	43.4139	250.000
1.2728	4582	43.4139	24.747	37.00	41.250	983.882	24.028	-5.206	24.954	4.063	7.762	31.496	33.975	5.5316	2.22999	0.00032	43.4142	250.000

1.2731	4583	43.4142	24.748	37.00	41.250	984.084	24.033	-5.206	24.955	4.063	7.761	31.496	33.975	5.5316	2.22979	0.00032	43.4145	250.000
1.2733	4584	43.4145	24.748	37.00	41.250	984.286	24.038	-5.206	24.957	4.063	7.761	31.496	33.975	5.5316	2.22959	0.00032	43.4148	250.000
1.2736	4585	43.4148	24.748	37.00	41.250	984.488	24.043	-5.206	24.958	4.063	7.761	31.496	33.975	5.5316	2.22939	0.00032	43.4151	250.000
1.2739	4586	43.4151	24.749	37.00	41.250	984.690	24.048	-5.206	24.959	4.064	7.761	31.496	33.975	5.5316	2.22919	0.00032	43.4155	250.000
1.2742	4587	43.4155	24.749	37.00	41.250	984.892	24.053	-5.206	24.960	4.064	7.761	31.496	33.975	5.5316	2.22898	0.00032	43.4158	250.000
1.2744	4588	43.4158	24.749	37.00	41.250	985.094	24.058	-5.206	24.962	4.064	7.760	31.496	33.975	5.5316	2.22878	0.00032	43.4161	250.000
1.2747	4589	43.4161	24.749	37.00	41.250	985.296	24.063	-5.206	24.963	4.064	7.760	31.496	33.975	5.5316	2.22858	0.00032	43.4164	250.000
1.2750	4590	43.4164	24.750	37.00	41.250	985.498	24.068	-5.206	24.964	4.064	7.760	31.496	33.975	5.5316	2.22838	0.00032	43.4167	250.000
1.2753	4591	43.4167	24.750	37.00	41.250	985.700	24.073	-5.206	24.965	4.065	7.760	31.496	33.975	5.5316	2.22818	0.00032	43.4170	250.000
1.2756	4592	43.4170	24.750	37.00	41.250	985.902	24.078	-5.206	24.967	4.065	7.760	31.496	33.975	5.5316	2.22798	0.00032	43.4174	250.000
1.2758	4593	43.4174	24.751	37.00	41.250	986.104	24.083	-5.206	24.968	4.065	7.759	31.496	33.975	5.5316	2.22777	0.00032	43.4177	250.000
1.2761	4594	43.4177	24.751	37.00	41.250	986.306	24.088	-5.206	24.969	4.065	7.759	31.496	33.975	5.5316	2.22757	0.00032	43.4180	250.000
1.2764	4595	43.4180	24.751	37.00	41.250	986.508	24.093	-5.206	24.970	4.066	7.759	31.496	33.975	5.5316	2.22737	0.00032	43.4183	250.000
1.2767	4596	43.4183	24.752	37.00	41.250	986.710	24.097	-5.206	24.972	4.066	7.759	31.496	33.975	5.5316	2.22717	0.00032	43.4186	250.000
1.2769	4597	43.4186	24.752	37.00	41.250	986.912	24.102	-5.206	24.973	4.066	7.759	31.496	33.975	5.5316	2.22697	0.00032	43.4190	250.000
1.2772	4598	43.4190	24.752	37.00	41.250	987.114	24.107	-5.206	24.974	4.066	7.758	31.496	33.975	5.5316	2.22677	0.00032	43.4193	250.000
1.2775	4599	43.4193	24.753	37.00	41.250	987.316	24.112	-5.206	24.975	4.066	7.758	31.496	33.975	5.5316	2.22657	0.00032	43.4196	250.000
1.2778	4600	43.4196	24.753	37.00	41.250	987.518	24.117	-5.206	24.977	4.067	7.758	31.496	33.975	5.5316	2.22636	0.00032	43.4199	250.000
1.2781	4601	43.4199	24.753	37.00	41.250	987.720	24.122	-5.206	24.978	4.067	7.758	31.496	33.975	5.5316	2.22616	0.00032	43.4202	250.000
1.2783	4602	43.4202	24.754	37.00	41.250	987.922	24.127	-5.206	24.979	4.067	7.758	31.496	33.975	5.5316	2.22596	0.00032	43.4205	250.000
1.2786	4603	43.4205	24.754	37.00	41.250	988.124	24.132	-5.206	24.980	4.067	7.757	31.496	33.975	5.5316	2.22576	0.00032	43.4209	250.000
1.2789	4604	43.4209	24.754	37.00	41.250	988.326	24.137	-5.206	24.981	4.067	7.757	31.496	33.975	5.5316	2.22556	0.00032	43.4212	250.000
1.2792	4605	43.4212	24.755	37.00	41.250	988.528	24.142	-5.206	24.983	4.068	7.757	31.496	33.975	5.5316	2.22536	0.00032	43.4215	250.000
1.2794	4606	43.4215	24.755	37.00	41.250	988.730	24.147	-5.206	24.984	4.068	7.757	31.496	33.975	5.5316	2.22515	0.00032	43.4218	250.000
1.2797	4607	43.4218	24.755	37.00	41.250	988.932	24.152	-5.206	24.985	4.068	7.757	31.496	33.975	5.5316	2.22495	0.00032	43.4221	250.000
1.2800	4608	43.4221	24.756	37.00	41.250	989.134	24.157	-5.206	24.986	4.068	7.756	31.496	33.975	5.5316	2.22475	0.00032	43.4225	250.000
1.2803	4609	43.4225	24.756	37.00	41.250	989.336	24.162	-5.206	24.988	4.068	7.756	31.496	33.975	5.5316	2.22455	0.00032	43.4228	250.000
1.2806	4610	43.4228	24.756	37.00	41.250	989.538	24.167	-5.206	24.989	4.069	7.756	31.496	33.975	5.5316	2.22435	0.00032	43.4231	250.000
1.2808	4611	43.4231	24.756	37.00	41.250	989.740	24.171	-5.206	24.990	4.069	7.756	31.496	33.975	5.5316	2.22415	0.00032	43.4234	250.000
1.2811	4612	43.4234	24.757	37.00	41.250	989.942	24.176	-5.206	24.991	4.069	7.756	31.496	33.975	5.5316	2.22395	0.00032	43.4237	250.000
1.2814	4613	43.4237	24.757	37.00	41.250	990.144	24.181	-5.206	24.993	4.069	7.755	31.496	33.975	5.5316	2.22375	0.00032	43.4240	250.000
1.2817	4614	43.4240	24.757	37.00	41.250	990.347	24.186	-5.206	24.994	4.069	7.755	31.496	33.975	5.5316	2.22354	0.00032	43.4244	250.000
1.2819	4615	43.4244	24.758	37.00	41.250	990.549	24.191	-5.206	24.995	4.070	7.755	31.496	33.975	5.5316	2.22334	0.00032	43.4247	250.000
1.2822	4616	43.4247	24.758	37.00	41.250	990.751	24.196	-5.206	24.996	4.070	7.755	31.496	33.975	5.5316	2.22314	0.00032	43.4250	250.000
1.2825	4617	43.4250	24.758	37.00	41.250	990.953	24.201	-5.206	24.998	4.070	7.754	31.496	33.975	5.5316	2.22294	0.00032	43.4253	250.000
1.2828	4618	43.4253	24.759	37.00	41.250	991.155	24.206	-5.206	24.999	4.070	7.754	31.496	33.975	5.5316	2.22274	0.00032	43.4256	250.000
1.2831	4619	43.4256	24.759	37.00	41.250	991.357	24.211	-5.206	25.000	4.070	7.754	31.496	33.975	5.5316	2.22254	0.00032	43.4259	250.000
1.2833	4620	43.4259	24.759	37.00	41.250	991.559	24.216	-5.206	25.001	4.071	7.754	31.496	33.975	5.5316	2.22234	0.00032	43.4263	250.000
1.2836	4621	43.4263	24.760	37.00	41.250	991.761	24.221	-5.206	25.002	4.071	7.754	31.496	33.975	5.5316	2.22214	0.00032	43.4266	250.000
1.2839	4622	43.4266	24.760	37.00	41.250	991.963	24.226	-5.206	25.004	4.071	7.753	31.496	33.975	5.5316	2.22194	0.00032	43.4269	250.000
1.2842	4623	43.4269	24.760	37.00	41.250	992.165	24.231	-5.206	25.005	4.071	7.753	31.496	33.975	5.5316	2.22173	0.00032	43.4272	250.000
1.2844	4624	43.4272	24.761	37.00	41.250	992.367	24.236	-5.206	25.006	4.071	7.753	31.496	33.975	5.5316	2.22153	0.00032	43.4275	250.000
1.2847	4625	43.4275	24.761	37.00	41.250	992.569	24.241	-5.206	25.007	4.072	7.753	31.496	33.975	5.5316	2.22133	0.00032	43.4279	250.000
1.2850	4626	43.4279	24.761	37.00	41.250	992.771	24.245	-5.206	25.009	4.072	7.753	31.496	33.975	5.5316	2.22113	0.00032	43.4282	250.000
1.2853	4627	43.4282	24.762	37.00	41.250	992.973	24.250	-5.206	25.010	4.072	7.752	31.496	33.975	5.5316	2.22093	0.00032	43.4285	250.000
1.2856	4628	43.4285	24.762	37.00	41.250	993.175	24.255	-5.206	25.011	4.072	7.752	31.496	33.975	5.5316	2.22073	0.00032	43.4288	250.000
1.2858	4629	43.4288	24.762	37.00	41.250	993.377	24.260	-5.206	25.012	4.072	7.752	31.496	33.975	5.5316	2.22053	0.00032	43.4291	250.000
1.2861	4630	43.4291	24.763	37.00	41.250	993.579	24.265	-5.206	25.014	4.073	7.752	31.496	33.975	5.5316	2.22033	0.00032	43.4294	250.000
1.2864	4631	43.4294	24.763	37.00	41.250	993.781	24.270	-5.206	25.015	4.073	7.752	31.496	33.975	5.5316	2.22013	0.00032	43.4298	250.000
1.2867	4632	43.4298	24.763	37.00	41.250	993.983	24.275	-5.206	25.016	4.073	7.751	31.496	33.975	5.5316	2.21993	0.00032	43.4301	250.000
1.2869	4633	43.4301	24.763	37.00	41.250	994.185	24.280	-5.206	25.017	4.073	7.751	31.496	33.975	5.5316	2.21972	0.00032	43.4304	250.000
1.2872	4634	43.4304	24.764	37.00	41.250	994.387	24.285	-5.206	25.019	4.073	7.751	31.496	33.975	5.5316	2.21952	0.00032	43.4307	250.000
1.2875	4635	43.4307	24.764	37.00	41.250	994.589	24.290	-5.206	25.020	4.074	7.751	31.496	33.975	5.5316	2.21932	0.00032	43.4310	250.000
1.2878	4636	43.4310	24.764	37.00	41.250	994.791	24.295	-5.206	25.021	4.074	7.751	31.496	33.975	5.5316	2.21912	0.00032	43.4313	250.000
1.2881	4637	43.4313	24.765	37.00	41.250	994.993	24.300	-5.206	25.022	4.074	7.750	31.496	33.975	5.5316	2.21892	0.00032	43.4317	250.000
1.2883	4638	43.4317	24.765	37.00	41.250	995.195	24.305	-5.206	25.023	4.074	7.750	31.496	33.975	5.5316	2.21872	0.00032	43.4320	250.000
1.2886	4639	43.4320	24.765	37.00	41.250	995.397	24.310	-5.206	25.025	4.074	7.750	31.496	33.975	5.5316	2.21852	0.00032	43.4323	250.000
1.2889	4640	43.4323	24.766	37.00	41.250	995.599	24.315	-5.206	25.026	4.075	7.750	31.496	33.975	5.5316	2.21832	0.00032	43.4326	250.000
1.2892	4641	43.4326	24.766	37.00	41.250	995.801	24.319	-5.206	25.027	4.075	7.750	31.496	33.975	5.5316	2.21812	0.00032	43.4329	250.000
1.2894	4642	43.4329	24.766	37.00	41.250	996.003	24.324	-5.206	25.028	4.075	7.749	31.496	33.975	5.5316	2.21792	0.00032	43.4332	250.000
1.2897	4643	43.4332	24.767	37.00	41.250	996.205	24.329	-5.206	25.030	4.075	7.749	31.496	33.975	5.5316	2.21772	0.00032	43.4336	250.000
1.2900	4644	43.4336	24.767	37.00	41.250	996.407	24.334	-5.206	25.031	4.075	7.749	31.496	33.975	5.5316	2.21752	0.00032	43.4339	250.000
1.2903	4645	43.4339	24.767	37.00	41.250	996.609	24.339	-5.206	25.032	4.076	7.749	31.496	33.975	5.5316	2.21732	0.00032	43.4342	250.000
1.2906	4646	43.4342	24.768	37.00	41.250	996.811	24.344	-5.206	25.033	4.076	7.749	31.496	33.975	5.5316	2.21711	0.00032	43.4345	250.000
1.2908	4647	43.4345	24.768	37.00	41.250	997.014	24.349	-5.206	25.035	4.076	7.748	31.496	33.975	5.5316	2.21691	0.00032	43.4348	250.000
1.2911	4648	43.4348	24.768	37.00	41.250	997.216	24.354	-5.206	25.036	4.076	7.748	31.496	33.975	5.5316	2.21671	0.00032	43.4351	250.000
1.2914	4649	43.4351	24.769	37.00	41.250	997.418	24.359	-5.206	25.037	4.076	7.748	31.496	33.975	5.5316	2.21651	0.00032	43.4355	250.000
1.2917	4650	43.4355	24.769	37.00	41.250	997.620	24.364	-5.206	25.038	4.077	7.748	31.496	33.975	5.5316	2.21631	0.00032	43.4358	250.000
1.2919	4651	43.4358	24.769	37.00	41.250	997.822	24.369	-5.206	25.039	4.077	7.748	31.496	33.975	5.5316	2.21611	0.00032	43.4361	250.000
1.2922	4652	43.4361	24.769	37.00	41.250	998.024	24.374	-5.206	25.041	4.077	7.747	31.496	33.975	5.5316	2.21591	0.00032	43.4364	250.000
1.2925	4653	43.4364	24.770	37.00	41.250	998.226	24.379	-5.206	25.042	4.077	7.747	31.496	33.975	5.5316	2.21571	0.00032	43.4367	250.000
1.2928	4654	43.4367	24.770	37.00	41.250	998.428	24.384	-5.206	25.043	4.077	7.747	31.496	33.975	5.5316	2.21551	0.00032	43.4370	250.000
1.2931	4655	43.4370	24.770	37.00	41.250	998.630	24.389	-5.206	25.044	4.078	7.747	31.496	33.975	5.5316	2.21531	0.00032	43.4374	250.000
1.2933	4656	43.4374	24.771	37.00	41.250	998.832	24.393	-5.206	25.046	4.078	7.747	31.496	33.975	5.5316	2.21511	0.00032	43.4377	250.000
1.2936	4657	43.4377	24.771	37.00	41.250	999.034	24.398	-5.206	25.047	4.078	7.746	31.496	33.975	5.5316	2.21491	0.00032	43.4380	250.000
1.2939	4658	43.4380	24.771	37.00	41.250	999.236	24.403	-5.206	25.048	4.078	7.746	31.496	33.975	5.5316	2.21471	0.00032	43.4383	250.000
1.2942	4659	43.4383	24.772	37.00	41.250	999.438	24.408	-5.206	25.049	4.078	7.746	31.496	33.975	5.5316	2.21451	0.00032	43.4386	250.000
1.2944	4660	43.4386	24.772	37.00	41.250	999.640	24.413	-5.206	25.051	4.079	7.746	31.496	33.975	5.5316	2.21431	0.00032	43.4389	250.000
1.2947	4661	43.4389	24.772	37.00	41.250	999.842	24.418	-5.206	25.052	4.079	7.746	31.496	33.975	5.5316	2.21411	0.00032	43.4393	250.000
1.2950	4662	43.4393	24.773	37.00	41.250	1000.044	24.423	-5.206	25.053	4.079	7.745	31.496	33.975	5.5316	2.21391	0.00032	43.4396	250.000
1.2953	4663	43.4396	24.773	37.00	41.250	1000.246	24.428	-5.206	25.054	4.079	7.745	31.496	33.975	5.5316	2.21371	0.00032	43.4399	250.000

1.2956	4664	43.4399	24.773	37.00	41.250	1000.448	24.433	-5.206	25.055	4.079	7.745	31.496	33.975	5.5316	2.21351	0.00032	43.4402	250.000
1.2958	4665	43.4402	24.774	37.00	41.250	1000.650	24.438	-5.206	25.057	4.080	7.745	31.496	33.975	5.5316	2.21331	0.00032	43.4405	250.000
1.2961	4666	43.4405	24.774	37.00	41.250	1000.852	24.443	-5.206	25.058	4.080	7.745	31.496	33.975	5.5316	2.21311	0.00032	43.4408	250.000
1.2964	4667	43.4408	24.774	37.00	41.250	1001.054	24.448	-5.206	25.059	4.080	7.744	31.496	33.975	5.5316	2.21291	0.00032	43.4412	250.000
1.2967	4668	43.4412	24.775	37.00	41.250	1001.256	24.453	-5.206	25.060	4.080	7.744	31.496	33.975	5.5316	2.21270	0.00032	43.4415	250.000
1.2969	4669	43.4415	24.775	37.00	41.250	1001.458	24.458	-5.206	25.062	4.080	7.744	31.496	33.975	5.5316	2.21250	0.00032	43.4418	250.000
1.2972	4670	43.4418	24.775	37.00	41.250	1001.660	24.463	-5.206	25.063	4.081	7.744	31.496	33.975	5.5316	2.21230	0.00032	43.4421	250.000
1.2975	4671	43.4421	24.775	37.00	41.250	1001.862	24.467	-5.206	25.064	4.081	7.744	31.496	33.975	5.5316	2.21210	0.00032	43.4424	250.000
1.2978	4672	43.4424	24.776	37.00	41.250	1002.064	24.472	-5.206	25.065	4.081	7.743	31.496	33.975	5.5316	2.21190	0.00032	43.4427	250.000
1.2981	4673	43.4427	24.776	37.00	41.250	1002.266	24.477	-5.206	25.067	4.081	7.743	31.496	33.975	5.5316	2.21170	0.00032	43.4430	250.000
1.2983	4674	43.4430	24.776	37.00	41.250	1002.468	24.482	-5.206	25.068	4.081	7.743	31.496	33.975	5.5316	2.21150	0.00032	43.4434	250.000
1.2986	4675	43.4434	24.777	37.00	41.250	1002.670	24.487	-5.206	25.069	4.082	7.743	31.496	33.975	5.5316	2.21130	0.00032	43.4437	250.000
1.2989	4676	43.4437	24.777	37.00	41.250	1002.872	24.492	-5.206	25.070	4.082	7.743	31.496	33.975	5.5316	2.21110	0.00032	43.4440	250.000
1.2992	4677	43.4440	24.777	37.00	41.250	1003.074	24.497	-5.206	25.071	4.082	7.742	31.496	33.975	5.5316	2.21090	0.00032	43.4443	250.000
1.2994	4678	43.4443	24.778	37.00	41.250	1003.276	24.502	-5.206	25.073	4.082	7.742	31.496	33.975	5.5316	2.21070	0.00032	43.4446	250.000
1.2997	4679	43.4446	24.778	37.00	41.250	1003.478	24.507	-5.206	25.074	4.082	7.742	31.496	33.975	5.5316	2.21050	0.00032	43.4449	250.000
1.3000	4680	43.4449	24.778	37.00	41.250	1003.681	24.512	-5.206	25.075	4.083	7.742	31.496	33.975	5.5316	2.21030	0.00032	43.4453	250.000
1.3003	4681	43.4453	24.779	37.00	41.250	1003.883	24.517	-5.206	25.076	4.083	7.742	31.496	33.975	5.5316	2.21010	0.00032	43.4456	250.000
1.3006	4682	43.4456	24.779	37.00	41.250	1004.085	24.522	-5.206	25.078	4.083	7.741	31.496	33.975	5.5316	2.20990	0.00032	43.4459	250.000
1.3008	4683	43.4459	24.779	37.00	41.250	1004.287	24.527	-5.206	25.079	4.083	7.741	31.496	33.975	5.5316	2.20970	0.00032	43.4462	250.000
1.3011	4684	43.4462	24.780	37.00	41.250	1004.489	24.532	-5.206	25.080	4.083	7.741	31.496	33.975	5.5316	2.20950	0.00032	43.4465	250.000
1.3014	4685	43.4465	24.780	37.00	41.250	1004.691	24.537	-5.206	25.081	4.084	7.741	31.496	33.975	5.5316	2.20930	0.00032	43.4468	250.000
1.3017	4686	43.4468	24.780	37.00	41.250	1004.893	24.541	-5.206	25.083	4.084	7.741	31.496	33.975	5.5316	2.20910	0.00032	43.4472	250.000
1.3019	4687	43.4472	24.781	37.00	41.250	1005.095	24.546	-5.206	25.084	4.084	7.740	31.496	33.975	5.5316	2.20890	0.00032	43.4475	250.000
1.3022	4688	43.4475	24.781	37.00	41.250	1005.297	24.551	-5.206	25.085	4.084	7.740	31.496	33.975	5.5316	2.20870	0.00032	43.4478	250.000
1.3025	4689	43.4478	24.781	37.00	41.250	1005.499	24.556	-5.206	25.086	4.084	7.740	31.496	33.975	5.5316	2.20850	0.00032	43.4481	250.000
1.3028	4690	43.4481	24.781	37.00	41.250	1005.701	24.561	-5.206	25.087	4.085	7.740	31.496	33.975	5.5316	2.20830	0.00032	43.4484	250.000
1.3031	4691	43.4484	24.782	37.00	41.250	1005.903	24.566	-5.206	25.089	4.085	7.740	31.496	33.975	5.5316	2.20810	0.00032	43.4487	250.000
1.3033	4692	43.4487	24.782	37.00	41.250	1006.105	24.571	-5.206	25.090	4.085	7.739	31.496	33.975	5.5316	2.20790	0.00032	43.4490	250.000
1.3036	4693	43.4490	24.782	37.00	41.250	1006.307	24.576	-5.206	25.091	4.085	7.739	31.496	33.975	5.5316	2.20770	0.00032	43.4494	250.000
1.3039	4694	43.4494	24.783	37.00	41.250	1006.509	24.581	-5.206	25.092	4.085	7.739	31.496	33.975	5.5316	2.20750	0.00032	43.4497	250.000
1.3042	4695	43.4497	24.783	37.00	41.250	1006.711	24.586	-5.206	25.094	4.086	7.739	31.496	33.975	5.5316	2.20730	0.00032	43.4500	250.000
1.3044	4696	43.4500	24.783	37.00	41.250	1006.913	24.591	-5.206	25.095	4.086	7.739	31.496	33.975	5.5316	2.20711	0.00032	43.4503	250.000
1.3047	4697	43.4503	24.784	37.00	41.250	1007.115	24.596	-5.206	25.096	4.086	7.738	31.496	33.975	5.5316	2.20691	0.00032	43.4506	250.000
1.3050	4698	43.4506	24.784	37.00	41.250	1007.317	24.601	-5.206	25.097	4.086	7.738	31.496	33.975	5.5316	2.20671	0.00032	43.4509	250.000
1.3053	4699	43.4509	24.784	37.00	41.250	1007.519	24.606	-5.206	25.098	4.086	7.738	31.496	33.975	5.5316	2.20651	0.00032	43.4513	250.000
1.3056	4700	43.4513	24.785	37.00	41.250	1007.721	24.611	-5.206	25.100	4.087	7.738	31.496	33.975	5.5316	2.20631	0.00032	43.4516	250.000
1.3058	4701	43.4516	24.785	37.00	41.250	1007.923	24.616	-5.206	25.101	4.087	7.738	31.496	33.975	5.5316	2.20611	0.00032	43.4519	250.000
1.3061	4702	43.4519	24.785	37.00	41.250	1008.125	24.620	-5.206	25.102	4.087	7.737	31.496	33.975	5.5316	2.20591	0.00032	43.4522	250.000
1.3064	4703	43.4522	24.786	37.00	41.250	1008.327	24.625	-5.206	25.103	4.087	7.737	31.496	33.975	5.5316	2.20571	0.00032	43.4525	250.000
1.3067	4704	43.4525	24.786	37.00	41.250	1008.529	24.630	-5.206	25.105	4.087	7.737	31.496	33.975	5.5316	2.20551	0.00032	43.4528	250.000
1.3069	4705	43.4528	24.786	37.00	41.250	1008.731	24.635	-5.206	25.106	4.088	7.737	31.496	33.975	5.5316	2.20531	0.00032	43.4531	250.000
1.3072	4706	43.4531	24.787	37.00	41.250	1008.933	24.640	-5.206	25.107	4.088	7.737	31.496	33.975	5.5316	2.20511	0.00032	43.4535	250.000
1.3075	4707	43.4535	24.787	37.00	41.250	1009.135	24.645	-5.206	25.108	4.088	7.736	31.496	33.975	5.5316	2.20491	0.00031	43.4538	250.000
1.3078	4708	43.4538	24.787	37.00	41.250	1009.337	24.650	-5.206	25.110	4.088	7.736	31.496	33.975	5.5316	2.20471	0.00031	43.4541	250.000
1.3081	4709	43.4541	24.787	37.00	41.250	1009.539	24.655	-5.206	25.111	4.088	7.736	31.496	33.975	5.5316	2.20451	0.00031	43.4544	250.000
1.3083	4710	43.4544	24.788	37.00	41.250	1009.741	24.660	-5.206	25.112	4.089	7.736	31.496	33.975	5.5316	2.20431	0.00031	43.4547	250.000
1.3086	4711	43.4547	24.788	37.00	41.250	1009.943	24.665	-5.206	25.113	4.089	7.736	31.496	33.975	5.5316	2.20411	0.00031	43.4550	250.000
1.3089	4712	43.4550	24.788	37.00	41.250	1010.145	24.670	-5.206	25.114	4.089	7.735	31.496	33.975	5.5316	2.20391	0.00031	43.4553	250.000
1.3092	4713	43.4553	24.789	37.00	41.250	1010.347	24.675	-5.206	25.116	4.089	7.735	31.496	33.975	5.5316	2.20371	0.00031	43.4557	250.000
1.3094	4714	43.4557	24.789	37.00	41.250	1010.550	24.680	-5.206	25.117	4.089	7.735	31.496	33.975	5.5316	2.20351	0.00031	43.4560	250.000
1.3097	4715	43.4560	24.789	37.00	41.250	1010.752	24.685	-5.206	25.118	4.090	7.735	31.496	33.975	5.5316	2.20331	0.00031	43.4563	250.000
1.3100	4716	43.4563	24.790	37.00	41.250	1010.954	24.690	-5.206	25.119	4.090	7.735	31.496	33.975	5.5316	2.20311	0.00031	43.4566	250.000
1.3103	4717	43.4566	24.790	37.00	41.250	1011.156	24.694	-5.206	25.121	4.090	7.734	31.496	33.975	5.5316	2.20291	0.00031	43.4569	250.000
1.3106	4718	43.4569	24.790	37.00	41.250	1011.358	24.699	-5.206	25.122	4.090	7.734	31.496	33.975	5.5316	2.20272	0.00031	43.4572	250.000
1.3108	4719	43.4572	24.791	37.00	41.250	1011.560	24.704	-5.206	25.123	4.090	7.734	31.496	33.975	5.5316	2.20252	0.00031	43.4576	250.000
1.3111	4720	43.4576	24.791	37.00	41.250	1011.762	24.709	-5.206	25.124	4.091	7.734	31.496	33.975	5.5316	2.20232	0.00031	43.4579	250.000
1.3114	4721	43.4579	24.791	37.00	41.250	1011.964	24.714	-5.206	25.125	4.091	7.734	31.496	33.975	5.5316	2.20212	0.00031	43.4582	250.000
1.3117	4722	43.4582	24.792	37.00	41.250	1012.166	24.719	-5.206	25.127	4.091	7.733	31.496	33.975	5.5316	2.20192	0.00031	43.4585	250.000
1.3119	4723	43.4585	24.792	37.00	41.250	1012.368	24.724	-5.206	25.128	4.091	7.733	31.496	33.975	5.5316	2.20172	0.00031	43.4588	250.000
1.3122	4724	43.4588	24.792	37.00	41.250	1012.570	24.729	-5.206	25.129	4.091	7.733	31.496	33.975	5.5316	2.20152	0.00031	43.4591	250.000
1.3125	4725	43.4591	24.793	37.00	41.250	1012.772	24.734	-5.206	25.130	4.092	7.733	31.496	33.975	5.5316	2.20132	0.00031	43.4594	250.000
1.3128	4726	43.4594	24.793	37.00	41.250	1012.974	24.739	-5.206	25.132	4.092	7.733	31.496	33.975	5.5316	2.20112	0.00031	43.4598	250.000
1.3131	4727	43.4598	24.793	37.00	41.250	1013.176	24.744	-5.206	25.133	4.092	7.732	31.496	33.975	5.5316	2.20092	0.00031	43.4601	250.000
1.3133	4728	43.4601	24.793	37.00	41.250	1013.378	24.749	-5.206	25.134	4.092	7.732	31.496	33.975	5.5316	2.20072	0.00031	43.4604	250.000
1.3136	4729	43.4604	24.794	37.00	41.250	1013.580	24.754	-5.206	25.135	4.092	7.732	31.496	33.975	5.5316	2.20052	0.00031	43.4607	250.000
1.3139	4730	43.4607	24.794	37.00	41.250	1013.782	24.759	-5.206	25.136	4.093	7.732	31.496	33.975	5.5316	2.20032	0.00031	43.4610	250.000
1.3142	4731	43.4610	24.794	37.00	41.250	1013.984	24.764	-5.206	25.138	4.093	7.732	31.496	33.975	5.5316	2.20013	0.00031	43.4613	250.000
1.3144	4732	43.4613	24.795	37.00	41.250	1014.186	24.768	-5.206	25.139	4.093	7.731	31.496	33.975	5.5316	2.19993	0.00031	43.4616	250.000
1.3147	4733	43.4616	24.795	37.00	41.250	1014.388	24.773	-5.206	25.140	4.093	7.731	31.496	33.975	5.5316	2.19973	0.00031	43.4620	250.000
1.3150	4734	43.4620	24.795	37.00	41.250	1014.590	24.778	-5.206	25.141	4.093	7.731	31.496	33.975	5.5316	2.19953	0.00031	43.4623	250.000
1.3153	4735	43.4623	24.796	37.00	41.250	1014.792	24.783	-5.206	25.143	4.094	7.731	31.496	33.975	5.5316	2.19933	0.00031	43.4626	250.000
1.3156	4736	43.4626	24.796	37.00	41.250	1014.994	24.788	-5.206	25.144	4.094	7.731	31.496	33.975	5.5316	2.19913	0.00031	43.4629	250.000
1.3158	4737	43.4629	24.796	37.00	41.250	1015.196	24.793	-5.206	25.145	4.094	7.730	31.496	33.975	5.5316	2.19893	0.00031	43.4632	250.000
1.3161	4738	43.4632	24.797	37.00	41.250	1015.398	24.798	-5.206	25.146	4.094	7.730	31.496	33.975	5.5316	2.19873	0.00031	43.4635	250.000
1.3164	4739	43.4635	24.797	37.00	41.250	1015.600	24.803	-5.206	25.147	4.094	7.730	31.496	33.975	5.5316	2.19853	0.00031	43.4638	250.000
1.3167	4740	43.4638	24.797	37.00	41.250	1015.802	24.808	-5.206	25.149	4.095	7.730	31.496	33.975	5.5316	2.19833	0.00031	43.4642	250.000
1.3169	4741	43.4642	24.798	37.00	41.250	1016.004	24.813	-5.206	25.150	4.095	7.730	31.496	33.975	5.5316	2.19814	0.00031	43.4645	250.000
1.3172	4742	43.4645	24.798	37.00	41.250	1016.206	24.818	-5.206	25.151	4.095	7.729	31.496	33.975	5.5316	2.19794	0.00031	43.4648	250.000
1.3175	4743	43.4648	24.798	37.00	41.250	1016.408	24.823	-5.206	25.152	4.095	7.729	31.496	33.975	5.5316	2.19774	0.00031	43.4651	250.000
1.3178	4744	43.4651	24.798	37.00	41.250	1016.610	24.828	-5.206	25.154	4.095	7.729	31.496	33.975	5.5316	2.19754	0.00031	43.4654	250.000

1.3181	4745	43.4654	24.799	37.00	41.250	1016.812	24.833	-5.206	25.155	4.096	7.729	31.496	33.975	5.5316	2.19734	0.00031	43.4657	250.000
1.3183	4746	43.4657	24.799	37.00	41.250	1017.014	24.838	-5.206	25.156	4.096	7.729	31.496	33.975	5.5316	2.19714	0.00031	43.4660	250.000
1.3186	4747	43.4660	24.799	37.00	41.250	1017.217	24.842	-5.206	25.157	4.096	7.728	31.496	33.975	5.5316	2.19694	0.00031	43.4664	250.000
1.3189	4748	43.4664	24.800	37.00	41.250	1017.419	24.847	-5.206	25.158	4.096	7.728	31.496	33.975	5.5316	2.19674	0.00031	43.4667	250.000
1.3192	4749	43.4667	24.800	37.00	41.250	1017.621	24.852	-5.206	25.160	4.096	7.728	31.496	33.975	5.5316	2.19654	0.00031	43.4670	250.000
1.3194	4750	43.4670	24.800	37.00	41.250	1017.823	24.857	-5.206	25.161	4.097	7.728	31.496	33.975	5.5316	2.19635	0.00031	43.4673	250.000
1.3197	4751	43.4673	24.801	37.00	41.250	1018.025	24.862	-5.206	25.162	4.097	7.728	31.496	33.975	5.5316	2.19615	0.00031	43.4676	250.000
1.3200	4752	43.4676	24.801	37.00	41.250	1018.227	24.867	-5.206	25.163	4.097	7.728	31.496	33.975	5.5316	2.19595	0.00031	43.4679	250.000
1.3203	4753	43.4679	24.801	37.00	41.250	1018.429	24.872	-5.206	25.165	4.097	7.727	31.496	33.975	5.5316	2.19575	0.00031	43.4682	250.000
1.3206	4754	43.4682	24.802	37.00	41.250	1018.631	24.877	-5.206	25.166	4.097	7.727	31.496	33.975	5.5316	2.19555	0.00031	43.4685	250.000
1.3208	4755	43.4685	24.802	37.00	41.250	1018.833	24.882	-5.206	25.167	4.098	7.727	31.496	33.975	5.5316	2.19535	0.00031	43.4689	250.000
1.3211	4756	43.4689	24.802	37.00	41.250	1019.035	24.887	-5.206	25.168	4.098	7.727	31.496	33.975	5.5316	2.19515	0.00031	43.4692	250.000
1.3214	4757	43.4692	24.803	37.00	41.250	1019.237	24.892	-5.206	25.169	4.098	7.727	31.496	33.975	5.5316	2.19495	0.00031	43.4695	250.000
1.3217	4758	43.4695	24.803	37.00	41.250	1019.439	24.897	-5.206	25.171	4.098	7.726	31.496	33.975	5.5316	2.19476	0.00031	43.4698	250.000
1.3219	4759	43.4698	24.803	37.00	41.250	1019.641	24.902	-5.206	25.172	4.098	7.726	31.496	33.975	5.5316	2.19456	0.00031	43.4701	250.000
1.3222	4760	43.4701	24.804	37.00	41.250	1019.843	24.907	-5.206	25.173	4.099	7.726	31.496	33.975	5.5316	2.19436	0.00031	43.4704	250.000
1.3225	4761	43.4704	24.804	37.00	41.250	1020.045	24.912	-5.206	25.174	4.099	7.726	31.496	33.975	5.5316	2.19416	0.00031	43.4707	250.000
1.3228	4762	43.4707	24.804	37.00	41.250	1020.247	24.916	-5.206	25.176	4.099	7.726	31.496	33.975	5.5316	2.19396	0.00031	43.4711	250.000
1.3231	4763	43.4711	24.804	37.00	41.250	1020.449	24.921	-5.206	25.177	4.099	7.725	31.496	33.975	5.5316	2.19376	0.00031	43.4714	250.000
1.3233	4764	43.4714	24.805	37.00	41.250	1020.651	24.926	-5.206	25.178	4.099	7.725	31.496	33.975	5.5316	2.19356	0.00031	43.4717	250.000
1.3236	4765	43.4717	24.805	37.00	41.250	1020.853	24.931	-5.206	25.179	4.100	7.725	31.496	33.975	5.5316	2.19337	0.00031	43.4720	250.000
1.3239	4766	43.4720	24.805	37.00	41.250	1021.055	24.936	-5.206	25.180	4.100	7.725	31.496	33.975	5.5316	2.19317	0.00031	43.4723	250.000
1.3242	4767	43.4723	24.806	37.00	41.250	1021.257	24.941	-5.206	25.182	4.100	7.725	31.496	33.975	5.5316	2.19297	0.00031	43.4726	250.000
1.3244	4768	43.4726	24.806	37.00	41.250	1021.459	24.946	-5.206	25.183	4.100	7.724	31.496	33.975	5.5316	2.19277	0.00031	43.4729	250.000
1.3247	4769	43.4729	24.806	37.00	41.250	1021.661	24.951	-5.206	25.184	4.100	7.724	31.496	33.975	5.5316	2.19257	0.00031	43.4732	250.000
1.3250	4770	43.4732	24.807	37.00	41.250	1021.863	24.956	-5.206	25.185	4.101	7.724	31.496	33.975	5.5316	2.19237	0.00031	43.4736	250.000
1.3253	4771	43.4736	24.807	37.00	41.250	1022.065	24.961	-5.206	25.187	4.101	7.724	31.496	33.975	5.5316	2.19218	0.00031	43.4739	250.000
1.3256	4772	43.4739	24.807	37.00	41.250	1022.267	24.966	-5.206	25.188	4.101	7.724	31.496	33.975	5.5316	2.19198	0.00031	43.4742	250.000
1.3258	4773	43.4742	24.808	37.00	41.250	1022.469	24.971	-5.206	25.189	4.101	7.723	31.496	33.975	5.5316	2.19178	0.00031	43.4745	250.000
1.3261	4774	43.4745	24.808	37.00	41.250	1022.671	24.976	-5.206	25.190	4.101	7.723	31.496	33.975	5.5316	2.19158	0.00031	43.4748	250.000
1.3264	4775	43.4748	24.808	37.00	41.250	1022.873	24.981	-5.206	25.191	4.101	7.723	31.496	33.975	5.5316	2.19138	0.00031	43.4751	250.000
1.3267	4776	43.4751	24.809	37.00	41.250	1023.075	24.986	-5.206	25.193	4.102	7.723	31.496	33.975	5.5316	2.19118	0.00031	43.4754	250.000
1.3269	4777	43.4754	24.809	37.00	41.250	1023.277	24.990	-5.206	25.194	4.102	7.723	31.496	33.975	5.5316	2.19099	0.00031	43.4758	250.000
1.3272	4778	43.4758	24.809	37.00	41.250	1023.479	24.995	-5.206	25.195	4.102	7.722	31.496	33.975	5.5316	2.19079	0.00031	43.4761	250.000
1.3275	4779	43.4761	24.809	37.00	41.250	1023.681	25.000	-5.206	25.196	4.102	7.722	31.496	33.975	5.5316	2.19059	0.00031	43.4764	250.000
1.3278	4780	43.4764	24.810	37.00	41.250	1023.883	25.005	-5.206	25.197	4.102	7.722	31.496	33.975	5.5316	2.19039	0.00031	43.4767	250.000
1.3281	4781	43.4767	24.810	37.00	41.250	1024.086	25.010	-5.206	25.199	4.103	7.722	31.496	33.975	5.5316	2.19019	0.00031	43.4770	250.000
1.3283	4782	43.4770	24.810	37.00	41.250	1024.288	25.015	-5.206	25.200	4.103	7.722	31.496	33.975	5.5316	2.18999	0.00031	43.4773	250.000
1.3286	4783	43.4773	24.811	37.00	41.250	1024.490	25.020	-5.206	25.201	4.103	7.721	31.496	33.975	5.5316	2.18980	0.00031	43.4776	250.000
1.3289	4784	43.4776	24.811	37.00	41.250	1024.692	25.025	-5.206	25.202	4.103	7.721	31.496	33.975	5.5316	2.18960	0.00031	43.4779	250.000
1.3292	4785	43.4779	24.811	37.00	41.250	1024.894	25.030	-5.206	25.204	4.103	7.721	31.496	33.975	5.5316	2.18940	0.00031	43.4783	250.000
1.3294	4786	43.4783	24.812	37.00	41.250	1025.096	25.035	-5.206	25.205	4.104	7.721	31.496	33.975	5.5316	2.18920	0.00031	43.4786	250.000
1.3297	4787	43.4786	24.812	37.00	41.250	1025.298	25.040	-5.206	25.206	4.104	7.721	31.496	33.975	5.5316	2.18900	0.00031	43.4789	250.000
1.3300	4788	43.4789	24.812	37.00	41.250	1025.500	25.045	-5.206	25.207	4.104	7.720	31.496	33.975	5.5316	2.18881	0.00031	43.4792	250.000
1.3303	4789	43.4792	24.813	37.00	41.250	1025.702	25.050	-5.206	25.208	4.104	7.720	31.496	33.975	5.5316	2.18861	0.00031	43.4795	250.000
1.3306	4790	43.4795	24.813	37.00	41.250	1025.904	25.055	-5.206	25.210	4.104	7.720	31.496	33.975	5.5316	2.18841	0.00031	43.4798	250.000
1.3308	4791	43.4798	24.813	37.00	41.250	1026.106	25.060	-5.206	25.211	4.105	7.720	31.496	33.975	5.5316	2.18821	0.00031	43.4801	250.000
1.3311	4792	43.4801	24.814	37.00	41.250	1026.308	25.064	-5.206	25.212	4.105	7.720	31.496	33.975	5.5316	2.18801	0.00031	43.4804	250.000
1.3314	4793	43.4804	24.814	37.00	41.250	1026.510	25.069	-5.206	25.213	4.105	7.719	31.496	33.975	5.5316	2.18782	0.00031	43.4808	250.000
1.3317	4794	43.4808	24.814	37.00	41.250	1026.712	25.074	-5.206	25.214	4.105	7.719	31.496	33.975	5.5316	2.18762	0.00031	43.4811	250.000
1.3319	4795	43.4811	24.814	37.00	41.250	1026.914	25.079	-5.206	25.216	4.105	7.719	31.496	33.975	5.5316	2.18742	0.00031	43.4814	250.000
1.3322	4796	43.4814	24.815	37.00	41.250	1027.116	25.084	-5.206	25.217	4.106	7.719	31.496	33.975	5.5316	2.18722	0.00031	43.4817	250.000
1.3325	4797	43.4817	24.815	37.00	41.250	1027.318	25.089	-5.206	25.218	4.106	7.719	31.496	33.975	5.5316	2.18702	0.00031	43.4820	250.000
1.3328	4798	43.4820	24.815	37.00	41.250	1027.520	25.094	-5.206	25.219	4.106	7.718	31.496	33.975	5.5316	2.18683	0.00031	43.4823	250.000
1.3331	4799	43.4823	24.816	37.00	41.250	1027.722	25.099	-5.206	25.221	4.106	7.718	31.496	33.975	5.5316	2.18663	0.00031	43.4826	250.000
1.3333	4800	43.4826	24.816	37.00	41.250	1027.924	25.104	-5.206	25.222	4.106	7.718	31.496	33.975	5.5316	2.18643	0.00031	43.4829	250.000
1.3336	4801	43.4829	24.816	37.00	41.250	1028.126	25.109	-5.206	25.223	4.107	7.718	31.496	33.975	5.5316	2.18623	0.00031	43.4833	250.000
1.3339	4802	43.4833	24.817	37.00	41.250	1028.328	25.114	-5.206	25.224	4.107	7.718	31.496	33.975	5.5316	2.18603	0.00031	43.4836	250.000
1.3342	4803	43.4836	24.817	37.00	41.250	1028.530	25.119	-5.206	25.225	4.107	7.717	31.496	33.975	5.5316	2.18584	0.00031	43.4839	250.000
1.3344	4804	43.4839	24.817	37.00	41.250	1028.732	25.124	-5.206	25.227	4.107	7.717	31.496	33.975	5.5316	2.18564	0.00031	43.4842	250.000
1.3347	4805	43.4842	24.818	37.00	41.250	1028.934	25.129	-5.206	25.228	4.107	7.717	31.496	33.975	5.5316	2.18544	0.00031	43.4845	250.000
1.3350	4806	43.4845	24.818	37.00	41.250	1029.136	25.134	-5.206	25.229	4.108	7.717	31.496	33.975	5.5316	2.18524	0.00031	43.4848	250.000
1.3353	4807	43.4848	24.818	37.00	41.250	1029.338	25.139	-5.206	25.230	4.108	7.717	31.496	33.975	5.5316	2.18505	0.00031	43.4851	250.000
1.3356	4808	43.4851	24.819	37.00	41.250	1029.540	25.143	-5.206	25.232	4.108	7.716	31.496	33.975	5.5316	2.18485	0.00031	43.4854	250.000
1.3358	4809	43.4854	24.819	37.00	41.250	1029.742	25.148	-5.206	25.233	4.108	7.716	31.496	33.975	5.5316	2.18465	0.00031	43.4858	250.000
1.3361	4810	43.4858	24.819	37.00	41.250	1029.944	25.153	-5.206	25.234	4.108	7.716	31.496	33.975	5.5316	2.18445	0.00031	43.4861	250.000
1.3364	4811	43.4861	24.819	37.00	41.250	1030.146	25.158	-5.206	25.235	4.109	7.716	31.496	33.975	5.5316	2.18425	0.00031	43.4864	250.000
1.3367	4812	43.4864	24.820	37.00	41.250	1030.348	25.163	-5.206	25.236	4.109	7.716	31.496	33.975	5.5316	2.18406	0.00031	43.4867	250.000
1.3369	4813	43.4867	24.820	37.00	41.250	1030.550	25.168	-5.206	25.238	4.109	7.715	31.496	33.975	5.5316	2.18386	0.00031	43.4870	250.000
1.3372	4814	43.4870	24.820	37.00	41.250	1030.753	25.173	-5.206	25.239	4.109	7.715	31.496	33.975	5.5316	2.18366	0.00031	43.4873	250.000
1.3375	4815	43.4873	24.821	37.00	41.250	1030.955	25.178	-5.206	25.240	4.109	7.715	31.496	33.975	5.5316	2.18346	0.00031	43.4876	250.000
1.3378	4816	43.4876	24.821	37.00	41.250	1031.157	25.183	-5.206	25.241	4.110	7.715	31.496	33.975	5.5316	2.18327	0.00031	43.4879	250.000
1.3381	4817	43.4879	24.821	37.00	41.250	1031.359	25.188	-5.206	25.242	4.110	7.715	31.496	33.975	5.5316	2.18307	0.00031	43.4882	250.000
1.3383	4818	43.4882	24.822	37.00	41.250	1031.561	25.193	-5.206	25.244	4.110	7.714	31.496	33.975	5.5316	2.18287	0.00031	43.4886	250.000
1.3386	4819	43.4886	24.822	37.00	41.250	1031.763	25.198	-5.206	25.245	4.110	7.714	31.496	33.975	5.5316	2.18267	0.00031	43.4889	250.000
1.3389	4820	43.4889	24.822	37.00	41.250	1031.965	25.203	-5.206	25.246	4.110	7.714	31.496	33.975	5.5316	2.18248	0.00031	43.4892	250.000
1.3392	4821	43.4892	24.823	37.00	41.250	1032.167	25.208	-5.206	25.247	4.111	7.714	31.496	33.975	5.5316	2.18228	0.00031	43.4895	250.000
1.3394	4822	43.4895	24.823	37.00	41.250	1032.369	25.213	-5.206	25.249	4.111	7.714	31.496	33.975	5.5316	2.18208	0.00031	43.4898	250.000
1.3397	4823	43.4898	24.823	37.00	41.250	1032.571	25.217	-5.206	25.250	4.111	7.713	31.496	33.975	5.5316	2.18188	0.00031	43.4901	250.000
1.3400	4824	43.4901	24.824	37.00	41.250	1032.773	25.222	-5.206	25.251	4.111	7.713	31.496	33.975	5.5316	2.18169	0.00031	43.4904	250.000
1.3403	4825	43.4904	24.824	37.00	41.250	1032.975	25.227	-5.206	25.252	4.111	7.713	31.496	33.975	5.5316	2.18149	0.00031	43.4907	250.000

1.3406	4826	43.4907	24.824	37.00	41.250	1033.177	25.232	-5.206	25.253	4.112	7.713	31.496	33.975	5.5316	2.18129	0.00031	43.4911	250.000
1.3408	4827	43.4911	24.824	37.00	41.250	1033.379	25.237	-5.206	25.255	4.112	7.713	31.496	33.975	5.5316	2.18109	0.00031	43.4914	250.000
1.3411	4828	43.4914	24.825	37.00	41.250	1033.581	25.242	-5.206	25.256	4.112	7.712	31.496	33.975	5.5316	2.18090	0.00031	43.4917	250.000
1.3414	4829	43.4917	24.825	37.00	41.250	1033.783	25.247	-5.206	25.257	4.112	7.712	31.496	33.975	5.5316	2.18070	0.00031	43.4920	250.000
1.3417	4830	43.4920	24.825	37.00	41.250	1033.985	25.252	-5.206	25.258	4.112	7.712	31.496	33.975	5.5316	2.18050	0.00031	43.4923	250.000
1.3419	4831	43.4923	24.826	37.00	41.250	1034.187	25.257	-5.206	25.259	4.113	7.712	31.496	33.975	5.5316	2.18030	0.00031	43.4926	250.000
1.3422	4832	43.4926	24.826	37.00	41.250	1034.389	25.262	-5.206	25.261	4.113	7.712	31.496	33.975	5.5316	2.18011	0.00031	43.4929	250.000
1.3425	4833	43.4929	24.826	37.00	41.250	1034.591	25.267	-5.206	25.262	4.113	7.711	31.496	33.975	5.5316	2.17991	0.00031	43.4932	250.000
1.3428	4834	43.4932	24.827	37.00	41.250	1034.793	25.272	-5.206	25.263	4.113	7.711	31.496	33.975	5.5316	2.17971	0.00031	43.4935	250.000
1.3431	4835	43.4935	24.827	37.00	41.250	1034.995	25.277	-5.206	25.264	4.113	7.711	31.496	33.975	5.5316	2.17952	0.00031	43.4939	250.000
1.3433	4836	43.4939	24.827	37.00	41.250	1035.197	25.282	-5.206	25.265	4.114	7.711	31.496	33.975	5.5316	2.17932	0.00031	43.4942	250.000
1.3436	4837	43.4942	24.828	37.00	41.250	1035.399	25.287	-5.206	25.267	4.114	7.711	31.496	33.975	5.5316	2.17912	0.00031	43.4945	250.000
1.3439	4838	43.4945	24.828	37.00	41.250	1035.601	25.291	-5.206	25.268	4.114	7.710	31.496	33.975	5.5316	2.17892	0.00031	43.4948	250.000
1.3442	4839	43.4948	24.828	37.00	41.250	1035.803	25.296	-5.206	25.269	4.114	7.710	31.496	33.975	5.5316	2.17873	0.00031	43.4951	250.000
1.3444	4840	43.4951	24.828	37.00	41.250	1036.005	25.301	-5.206	25.270	4.114	7.710	31.496	33.975	5.5316	2.17853	0.00031	43.4954	250.000
1.3447	4841	43.4954	24.829	37.00	41.250	1036.207	25.306	-5.206	25.272	4.115	7.710	31.496	33.975	5.5316	2.17833	0.00031	43.4957	250.000
1.3450	4842	43.4957	24.829	37.00	41.250	1036.409	25.311	-5.206	25.273	4.115	7.710	31.496	33.975	5.5316	2.17814	0.00031	43.4960	250.000
1.3453	4843	43.4960	24.829	37.00	41.250	1036.611	25.316	-5.206	25.274	4.115	7.709	31.496	33.975	5.5316	2.17794	0.00031	43.4963	250.000
1.3456	4844	43.4963	24.830	37.00	41.250	1036.813	25.321	-5.206	25.275	4.115	7.709	31.496	33.975	5.5316	2.17774	0.00031	43.4967	250.000
1.3458	4845	43.4967	24.830	37.00	41.250	1037.015	25.326	-5.206	25.276	4.115	7.709	31.496	33.975	5.5316	2.17754	0.00031	43.4970	250.000
1.3461	4846	43.4970	24.830	37.00	41.250	1037.217	25.331	-5.206	25.278	4.116	7.709	31.496	33.975	5.5316	2.17735	0.00031	43.4973	250.000
1.3464	4847	43.4973	24.831	37.00	41.250	1037.420	25.336	-5.206	25.279	4.116	7.709	31.496	33.975	5.5316	2.17715	0.00031	43.4976	250.000
1.3467	4848	43.4976	24.831	37.00	41.250	1037.622	25.341	-5.206	25.280	4.116	7.709	31.496	33.975	5.5316	2.17695	0.00031	43.4979	250.000
1.3469	4849	43.4979	24.831	37.00	41.250	1037.824	25.346	-5.206	25.281	4.116	7.708	31.496	33.975	5.5316	2.17676	0.00031	43.4982	250.000
1.3472	4850	43.4982	24.832	37.00	41.250	1038.026	25.351	-5.206	25.282	4.116	7.708	31.496	33.975	5.5316	2.17656	0.00031	43.4985	250.000
1.3475	4851	43.4985	24.832	37.00	41.250	1038.228	25.356	-5.206	25.284	4.117	7.708	31.496	33.975	5.5316	2.17636	0.00031	43.4988	250.000
1.3478	4852	43.4988	24.832	37.00	41.250	1038.430	25.361	-5.206	25.285	4.117	7.708	31.496	33.975	5.5316	2.17617	0.00031	43.4991	250.000
1.3481	4853	43.4991	24.833	37.00	41.250	1038.632	25.365	-5.206	25.286	4.117	7.708	31.496	33.975	5.5316	2.17597	0.00031	43.4995	250.000
1.3483	4854	43.4995	24.833	37.00	41.250	1038.834	25.370	-5.206	25.287	4.117	7.707	31.496	33.975	5.5316	2.17577	0.00031	43.4998	250.000
1.3486	4855	43.4998	24.833	37.00	41.250	1039.036	25.375	-5.206	25.288	4.117	7.707	31.496	33.975	5.5316	2.17557	0.00031	43.5001	250.000
1.3489	4856	43.5001	24.833	37.00	41.250	1039.238	25.380	-5.206	25.290	4.117	7.707	31.496	33.975	5.5316	2.17538	0.00031	43.5004	250.000
1.3492	4857	43.5004	24.834	37.00	41.250	1039.440	25.385	-5.206	25.291	4.118	7.707	31.496	33.975	5.5316	2.17518	0.00031	43.5007	250.000
1.3494	4858	43.5007	24.834	37.00	41.250	1039.642	25.390	-5.206	25.292	4.118	7.707	31.496	33.975	5.5316	2.17498	0.00031	43.5010	250.000
1.3497	4859	43.5010	24.834	37.00	41.250	1039.844	25.395	-5.206	25.293	4.118	7.706	31.496	33.975	5.5316	2.17479	0.00031	43.5013	250.000
1.3500	4860	43.5013	24.835	37.00	41.250	1040.046	25.400	-5.206	25.295	4.118	7.706	31.496	33.975	5.5316	2.17459	0.00031	43.5016	250.000
1.3503	4861	43.5016	24.835	37.00	41.250	1040.248	25.405	-5.206	25.296	4.118	7.706	31.496	33.975	5.5316	2.17439	0.00031	43.5019	250.000
1.3506	4862	43.5019	24.835	37.00	41.250	1040.450	25.410	-5.206	25.297	4.119	7.706	31.496	33.975	5.5316	2.17420	0.00031	43.5023	250.000
1.3508	4863	43.5023	24.836	37.00	41.250	1040.652	25.415	-5.206	25.298	4.119	7.706	31.496	33.975	5.5316	2.17400	0.00031	43.5026	250.000
1.3511	4864	43.5026	24.836	37.00	41.250	1040.854	25.420	-5.206	25.299	4.119	7.705	31.496	33.975	5.5316	2.17380	0.00031	43.5029	250.000
1.3514	4865	43.5029	24.836	37.00	41.250	1041.056	25.425	-5.206	25.301	4.119	7.705	31.496	33.975	5.5316	2.17361	0.00031	43.5032	250.000
1.3517	4866	43.5032	24.837	37.00	41.250	1041.258	25.430	-5.206	25.302	4.119	7.705	31.496	33.975	5.5316	2.17341	0.00031	43.5035	250.000
1.3519	4867	43.5035	24.837	37.00	41.250	1041.460	25.435	-5.206	25.303	4.120	7.705	31.496	33.975	5.5316	2.17321	0.00031	43.5038	250.000
1.3522	4868	43.5038	24.837	37.00	41.250	1041.662	25.439	-5.206	25.304	4.120	7.705	31.496	33.975	5.5316	2.17302	0.00031	43.5041	250.000
1.3525	4869	43.5041	24.838	37.00	41.250	1041.864	25.444	-5.206	25.305	4.120	7.704	31.496	33.975	5.5316	2.17282	0.00031	43.5044	250.000
1.3528	4870	43.5044	24.838	37.00	41.250	1042.066	25.449	-5.206	25.307	4.120	7.704	31.496	33.975	5.5316	2.17262	0.00031	43.5047	250.000
1.3531	4871	43.5047	24.838	37.00	41.250	1042.268	25.454	-5.206	25.308	4.120	7.704	31.496	33.975	5.5316	2.17243	0.00031	43.5050	250.000
1.3533	4872	43.5050	24.838	37.00	41.250	1042.470	25.459	-5.206	25.309	4.121	7.704	31.496	33.975	5.5316	2.17223	0.00031	43.5054	250.000
1.3536	4873	43.5054	24.839	37.00	41.250	1042.672	25.464	-5.206	25.310	4.121	7.704	31.496	33.975	5.5316	2.17203	0.00031	43.5057	250.000
1.3539	4874	43.5057	24.839	37.00	41.250	1042.874	25.469	-5.206	25.311	4.121	7.703	31.496	33.975	5.5316	2.17184	0.00031	43.5060	250.000
1.3542	4875	43.5060	24.839	37.00	41.250	1043.076	25.474	-5.206	25.313	4.121	7.703	31.496	33.975	5.5316	2.17164	0.00031	43.5063	250.000
1.3544	4876	43.5063	24.840	37.00	41.250	1043.278	25.479	-5.206	25.314	4.121	7.703	31.496	33.975	5.5316	2.17144	0.00031	43.5066	250.000
1.3547	4877	43.5066	24.840	37.00	41.250	1043.480	25.484	-5.206	25.315	4.122	7.703	31.496	33.975	5.5316	2.17125	0.00031	43.5069	250.000
1.3550	4878	43.5069	24.840	37.00	41.250	1043.682	25.489	-5.206	25.316	4.122	7.703	31.496	33.975	5.5316	2.17105	0.00031	43.5072	250.000
1.3553	4879	43.5072	24.841	37.00	41.250	1043.884	25.494	-5.206	25.317	4.122	7.702	31.496	33.975	5.5316	2.17085	0.00031	43.5075	250.000
1.3556	4880	43.5075	24.841	37.00	41.250	1044.086	25.499	-5.206	25.319	4.122	7.702	31.496	33.975	5.5316	2.17066	0.00031	43.5078	250.000
1.3558	4881	43.5078	24.841	37.00	41.250	1044.289	25.504	-5.206	25.320	4.122	7.702	31.496	33.975	5.5316	2.17046	0.00031	43.5082	250.000
1.3561	4882	43.5082	24.842	37.00	41.250	1044.491	25.509	-5.206	25.321	4.123	7.702	31.496	33.975	5.5316	2.17026	0.00031	43.5085	250.000
1.3564	4883	43.5085	24.842	37.00	41.250	1044.693	25.513	-5.206	25.322	4.123	7.702	31.496	33.975	5.5316	2.17007	0.00031	43.5088	250.000
1.3567	4884	43.5088	24.842	37.00	41.250	1044.895	25.518	-5.206	25.323	4.123	7.701	31.496	33.975	5.5316	2.16987	0.00031	43.5091	250.000
1.3569	4885	43.5091	24.842	37.00	41.250	1045.097	25.523	-5.206	25.325	4.123	7.701	31.496	33.975	5.5316	2.16968	0.00031	43.5094	250.000
1.3572	4886	43.5094	24.843	37.00	41.250	1045.299	25.528	-5.206	25.326	4.123	7.701	31.496	33.975	5.5316	2.16948	0.00031	43.5097	250.000
1.3575	4887	43.5097	24.843	37.00	41.250	1045.501	25.533	-5.206	25.327	4.124	7.701	31.496	33.975	5.5316	2.16928	0.00031	43.5100	250.000
1.3578	4888	43.5100	24.843	37.00	41.250	1045.703	25.538	-5.206	25.328	4.124	7.701	31.496	33.975	5.5316	2.16909	0.00031	43.5103	250.000
1.3581	4889	43.5103	24.844	37.00	41.250	1045.905	25.543	-5.206	25.330	4.124	7.700	31.496	33.975	5.5316	2.16889	0.00031	43.5106	250.000
1.3583	4890	43.5106	24.844	37.00	41.250	1046.107	25.548	-5.206	25.331	4.124	7.700	31.496	33.975	5.5316	2.16869	0.00031	43.5109	250.000
1.3586	4891	43.5109	24.844	37.00	41.250	1046.309	25.553	-5.206	25.332	4.124	7.700	31.496	33.975	5.5316	2.16850	0.00031	43.5112	250.000
1.3589	4892	43.5112	24.845	37.00	41.250	1046.511	25.558	-5.206	25.333	4.125	7.700	31.496	33.975	5.5316	2.16830	0.00031	43.5116	250.000
1.3592	4893	43.5116	24.845	37.00	41.250	1046.713	25.563	-5.206	25.334	4.125	7.700	31.496	33.975	5.5316	2.16811	0.00031	43.5119	250.000
1.3594	4894	43.5119	24.845	37.00	41.250	1046.915	25.568	-5.206	25.336	4.125	7.699	31.496	33.975	5.5316	2.16791	0.00031	43.5122	250.000
1.3597	4895	43.5122	24.846	37.00	41.250	1047.117	25.573	-5.206	25.337	4.125	7.699	31.496	33.975	5.5316	2.16771	0.00031	43.5125	250.000
1.3600	4896	43.5125	24.846	37.00	41.250	1047.319	25.578	-5.206	25.338	4.125	7.699	31.496	33.975	5.5316	2.16752	0.00031	43.5128	250.000
1.3603	4897	43.5128	24.846	37.00	41.250	1047.521	25.583	-5.206	25.339	4.126	7.699	31.496	33.975	5.5316	2.16732	0.00031	43.5131	250.000
1.3606	4898	43.5131	24.846	37.00	41.250	1047.723	25.587	-5.206	25.340	4.126	7.699	31.496	33.975	5.5316	2.16712	0.00031	43.5134	250.000
1.3608	4899	43.5134	24.847	37.00	41.250	1047.925	25.592	-5.206	25.342	4.126	7.698	31.496	33.975	5.5316	2.16693	0.00031	43.5137	250.000
1.3611	4900	43.5137	24.847	37.00	41.250	1048.127	25.597	-5.206	25.343	4.126	7.698	31.496	33.975	5.5316	2.16673	0.00031	43.5140	250.000
1.3614	4901	43.5140	24.847	37.00	41.250	1048.329	25.602	-5.206	25.344	4.126	7.698	31.496	33.975	5.5316	2.16654	0.00031	43.5143	250.000
1.3617	4902	43.5143	24.848	37.00	41.250	1048.531	25.607	-5.206	25.345	4.127	7.698	31.496	33.975	5.5316	2.16634	0.00031	43.5147	250.000
1.3619	4903	43.5147	24.848	37.00	41.250	1048.733	25.612	-5.206	25.346	4.127	7.698	31.496	33.975	5.5316	2.16614	0.00031	43.5150	250.000
1.3622	4904	43.5150	24.848	37.00	41.250	1048.935	25.617	-5.206	25.348	4.127	7.698	31.496	33.975	5.5316	2.16595	0.00031	43.5153	250.000
1.3625	4905	43.5153	24.849	37.00	41.250	1049.137	25.622	-5.206	25.349	4.127	7.697	31.496	33.975	5.5316	2.16575	0.00031	43.5156	250.000
1.3628	4906	43.5156	24.849	37.00	41.250	1049.339	25.627	-5.206	25.350	4.127	7.697	31.496	33.975	5.5316	2.16556	0.00031	43.5159	250.000

1.3631	4907	43.5159	24.849	37.00	41.250	1049.541	25.632	-5.206	25.351	4.128	7.697	31.496	33.975	5.5316	2.16536	0.00031	43.5162	250.000
1.3633	4908	43.5162	24.850	37.00	41.250	1049.743	25.637	-5.206	25.352	4.128	7.697	31.496	33.975	5.5316	2.16516	0.00031	43.5165	250.000
1.3636	4909	43.5165	24.850	37.00	41.250	1049.945	25.642	-5.206	25.354	4.128	7.697	31.496	33.975	5.5316	2.16497	0.00031	43.5168	250.000
1.3639	4910	43.5168	24.850	37.00	41.250	1050.147	25.647	-5.206	25.355	4.128	7.696	31.496	33.975	5.5316	2.16477	0.00031	43.5171	250.000
1.3642	4911	43.5171	24.851	37.00	41.250	1050.349	25.652	-5.206	25.356	4.128	7.696	31.496	33.975	5.5316	2.16458	0.00031	43.5174	250.000
1.3644	4912	43.5174	24.851	37.00	41.250	1050.551	25.657	-5.206	25.357	4.128	7.696	31.496	33.975	5.5316	2.16438	0.00031	43.5177	250.000
1.3647	4913	43.5177	24.851	37.00	41.250	1050.753	25.662	-5.206	25.358	4.129	7.696	31.496	33.975	5.5316	2.16419	0.00031	43.5181	250.000
1.3650	4914	43.5181	24.851	37.00	41.250	1050.956	25.666	-5.206	25.360	4.129	7.696	31.496	33.975	5.5316	2.16399	0.00031	43.5184	250.000
1.3653	4915	43.5184	24.852	37.00	41.250	1051.158	25.671	-5.206	25.361	4.129	7.695	31.496	33.975	5.5316	2.16379	0.00031	43.5187	250.000
1.3656	4916	43.5187	24.852	37.00	41.250	1051.360	25.676	-5.206	25.362	4.129	7.695	31.496	33.975	5.5316	2.16360	0.00031	43.5190	250.000
1.3658	4917	43.5190	24.852	37.00	41.250	1051.562	25.681	-5.206	25.363	4.129	7.695	31.496	33.975	5.5316	2.16340	0.00031	43.5193	250.000
1.3661	4918	43.5193	24.853	37.00	41.250	1051.764	25.686	-5.206	25.364	4.130	7.695	31.496	33.975	5.5316	2.16321	0.00031	43.5196	250.000
1.3664	4919	43.5196	24.853	37.00	41.250	1051.966	25.691	-5.206	25.366	4.130	7.695	31.496	33.975	5.5316	2.16301	0.00031	43.5199	250.000
1.3667	4920	43.5199	24.853	37.00	41.250	1052.168	25.696	-5.206	25.367	4.130	7.694	31.496	33.975	5.5316	2.16281	0.00031	43.5202	250.000
1.3669	4921	43.5202	24.854	37.00	41.250	1052.370	25.701	-5.206	25.368	4.130	7.694	31.496	33.975	5.5316	2.16262	0.00031	43.5205	250.000
1.3672	4922	43.5205	24.854	37.00	41.250	1052.572	25.706	-5.206	25.369	4.130	7.694	31.496	33.975	5.5316	2.16242	0.00031	43.5208	250.000
1.3675	4923	43.5208	24.854	37.00	41.250	1052.774	25.711	-5.206	25.370	4.131	7.694	31.496	33.975	5.5316	2.16223	0.00031	43.5211	250.000
1.3678	4924	43.5211	24.855	37.00	41.250	1052.976	25.716	-5.206	25.372	4.131	7.694	31.496	33.975	5.5316	2.16203	0.00031	43.5215	250.000
1.3681	4925	43.5215	24.855	37.00	41.250	1053.178	25.721	-5.206	25.373	4.131	7.693	31.496	33.975	5.5316	2.16184	0.00031	43.5218	250.000
1.3683	4926	43.5218	24.855	37.00	41.250	1053.380	25.726	-5.206	25.374	4.131	7.693	31.496	33.975	5.5316	2.16164	0.00031	43.5221	250.000
1.3686	4927	43.5221	24.855	37.00	41.250	1053.582	25.731	-5.206	25.375	4.131	7.693	31.496	33.975	5.5316	2.16144	0.00031	43.5224	250.000
1.3689	4928	43.5224	24.856	37.00	41.250	1053.784	25.736	-5.206	25.376	4.132	7.693	31.496	33.975	5.5316	2.16125	0.00031	43.5227	250.000
1.3692	4929	43.5227	24.856	37.00	41.250	1053.986	25.740	-5.206	25.378	4.132	7.693	31.496	33.975	5.5316	2.16105	0.00031	43.5230	250.000
1.3694	4930	43.5230	24.856	37.00	41.250	1054.188	25.745	-5.206	25.379	4.132	7.692	31.496	33.975	5.5316	2.16086	0.00031	43.5233	250.000
1.3697	4931	43.5233	24.857	37.00	41.250	1054.390	25.750	-5.206	25.380	4.132	7.692	31.496	33.975	5.5316	2.16066	0.00031	43.5236	250.000
1.3700	4932	43.5236	24.857	37.00	41.250	1054.592	25.755	-5.206	25.381	4.132	7.692	31.496	33.975	5.5316	2.16047	0.00031	43.5239	250.000
1.3703	4933	43.5239	24.857	37.00	41.250	1054.794	25.760	-5.206	25.382	4.133	7.692	31.496	33.975	5.5316	2.16027	0.00031	43.5242	250.000
1.3706	4934	43.5242	24.858	37.00	41.250	1054.996	25.765	-5.206	25.384	4.133	7.692	31.496	33.975	5.5316	2.16008	0.00031	43.5245	250.000
1.3708	4935	43.5245	24.858	37.00	41.250	1055.198	25.770	-5.206	25.385	4.133	7.691	31.496	33.975	5.5316	2.15988	0.00031	43.5249	250.000
1.3711	4936	43.5249	24.858	37.00	41.250	1055.400	25.775	-5.206	25.386	4.133	7.691	31.496	33.975	5.5316	2.15969	0.00031	43.5252	250.000
1.3714	4937	43.5252	24.859	37.00	41.250	1055.602	25.780	-5.206	25.387	4.133	7.691	31.496	33.975	5.5316	2.15949	0.00031	43.5255	250.000
1.3717	4938	43.5255	24.859	37.00	41.250	1055.804	25.785	-5.206	25.388	4.134	7.691	31.496	33.975	5.5316	2.15929	0.00031	43.5258	250.000
1.3719	4939	43.5258	24.859	37.00	41.250	1056.006	25.790	-5.206	25.390	4.134	7.691	31.496	33.975	5.5316	2.15910	0.00031	43.5261	250.000
1.3722	4940	43.5261	24.859	37.00	41.250	1056.208	25.795	-5.206	25.391	4.134	7.690	31.496	33.975	5.5316	2.15890	0.00031	43.5264	250.000
1.3725	4941	43.5264	24.860	37.00	41.250	1056.410	25.800	-5.206	25.392	4.134	7.690	31.496	33.975	5.5316	2.15871	0.00031	43.5267	250.000
1.3728	4942	43.5267	24.860	37.00	41.250	1056.612	25.805	-5.206	25.393	4.134	7.690	31.496	33.975	5.5316	2.15851	0.00031	43.5270	250.000
1.3731	4943	43.5270	24.860	37.00	41.250	1056.814	25.810	-5.206	25.394	4.135	7.690	31.496	33.975	5.5316	2.15832	0.00031	43.5273	250.000
1.3733	4944	43.5273	24.861	37.00	41.250	1057.016	25.814	-5.206	25.396	4.135	7.690	31.496	33.975	5.5316	2.15812	0.00031	43.5276	250.000
1.3736	4945	43.5276	24.861	37.00	41.250	1057.218	25.819	-5.206	25.397	4.135	7.689	31.496	33.975	5.5316	2.15793	0.00031	43.5279	250.000
1.3739	4946	43.5279	24.861	37.00	41.250	1057.420	25.824	-5.206	25.398	4.135	7.689	31.496	33.975	5.5316	2.15773	0.00031	43.5282	250.000
1.3742	4947	43.5282	24.862	37.00	41.250	1057.623	25.829	-5.206	25.399	4.135	7.689	31.496	33.975	5.5316	2.15754	0.00031	43.5286	250.000
1.3744	4948	43.5286	24.862	37.00	41.250	1057.825	25.834	-5.206	25.400	4.136	7.689	31.496	33.975	5.5316	2.15734	0.00031	43.5289	250.000
1.3747	4949	43.5289	24.862	37.00	41.250	1058.027	25.839	-5.206	25.402	4.136	7.689	31.496	33.975	5.5316	2.15715	0.00031	43.5292	250.000
1.3750	4950	43.5292	24.863	37.00	41.250	1058.229	25.844	-5.206	25.403	4.136	7.689	31.496	33.975	5.5316	2.15695	0.00031	43.5295	250.000
1.3753	4951	43.5295	24.863	37.00	41.250	1058.431	25.849	-5.206	25.404	4.136	7.688	31.496	33.975	5.5316	2.15676	0.00031	43.5298	250.000
1.3756	4952	43.5298	24.863	37.00	41.250	1058.633	25.854	-5.206	25.405	4.136	7.688	31.496	33.975	5.5316	2.15656	0.00031	43.5301	250.000
1.3758	4953	43.5301	24.863	37.00	41.250	1058.835	25.859	-5.206	25.406	4.137	7.688	31.496	33.975	5.5316	2.15637	0.00031	43.5304	250.000
1.3761	4954	43.5304	24.864	37.00	41.250	1059.037	25.864	-5.206	25.408	4.137	7.688	31.496	33.975	5.5316	2.15617	0.00031	43.5307	250.000
1.3764	4955	43.5307	24.864	37.00	41.250	1059.239	25.869	-5.206	25.409	4.137	7.688	31.496	33.975	5.5316	2.15597	0.00031	43.5310	250.000
1.3767	4956	43.5310	24.864	37.00	41.250	1059.441	25.874	-5.206	25.410	4.137	7.687	31.496	33.975	5.5316	2.15578	0.00031	43.5313	250.000
1.3769	4957	43.5313	24.865	37.00	41.250	1059.643	25.879	-5.206	25.411	4.137	7.687	31.496	33.975	5.5316	2.15558	0.00031	43.5316	250.000
1.3772	4958	43.5316	24.865	37.00	41.250	1059.845	25.884	-5.206	25.412	4.137	7.687	31.496	33.975	5.5316	2.15539	0.00031	43.5319	250.000
1.3775	4959	43.5319	24.865	37.00	41.250	1060.047	25.888	-5.206	25.414	4.138	7.687	31.496	33.975	5.5316	2.15519	0.00031	43.5322	250.000
1.3778	4960	43.5322	24.866	37.00	41.250	1060.249	25.893	-5.206	25.415	4.138	7.687	31.496	33.975	5.5316	2.15500	0.00031	43.5326	250.000
1.3781	4961	43.5326	24.866	37.00	41.250	1060.451	25.898	-5.206	25.416	4.138	7.686	31.496	33.975	5.5316	2.15480	0.00031	43.5329	250.000
1.3783	4962	43.5329	24.866	37.00	41.250	1060.653	25.903	-5.206	25.417	4.138	7.686	31.496	33.975	5.5316	2.15461	0.00031	43.5332	250.000
1.3786	4963	43.5332	24.867	37.00	41.250	1060.855	25.908	-5.206	25.418	4.138	7.686	31.496	33.975	5.5316	2.15441	0.00031	43.5335	250.000
1.3789	4964	43.5335	24.867	37.00	41.250	1061.057	25.913	-5.206	25.420	4.139	7.686	31.496	33.975	5.5316	2.15422	0.00031	43.5338	250.000
1.3792	4965	43.5338	24.867	37.00	41.250	1061.259	25.918	-5.206	25.421	4.139	7.686	31.496	33.975	5.5316	2.15402	0.00031	43.5341	250.000
1.3794	4966	43.5341	24.867	37.00	41.250	1061.461	25.923	-5.206	25.422	4.139	7.685	31.496	33.975	5.5316	2.15383	0.00031	43.5344	250.000
1.3797	4967	43.5344	24.868	37.00	41.250	1061.663	25.928	-5.206	25.423	4.139	7.685	31.496	33.975	5.5316	2.15363	0.00031	43.5347	250.000
1.3800	4968	43.5347	24.868	37.00	41.250	1061.865	25.933	-5.206	25.424	4.139	7.685	31.496	33.975	5.5316	2.15344	0.00031	43.5350	250.000
1.3803	4969	43.5350	24.868	37.00	41.250	1062.067	25.938	-5.206	25.426	4.140	7.685	31.496	33.975	5.5316	2.15324	0.00031	43.5353	250.000
1.3806	4970	43.5353	24.869	37.00	41.250	1062.269	25.943	-5.206	25.427	4.140	7.685	31.496	33.975	5.5316	2.15305	0.00031	43.5356	250.000
1.3808	4971	43.5356	24.869	37.00	41.250	1062.471	25.948	-5.206	25.428	4.140	7.684	31.496	33.975	5.5316	2.15286	0.00031	43.5359	250.000
1.3811	4972	43.5359	24.869	37.00	41.250	1062.673	25.953	-5.206	25.429	4.140	7.684	31.496	33.975	5.5316	2.15266	0.00031	43.5362	250.000
1.3814	4973	43.5362	24.870	37.00	41.250	1062.875	25.958	-5.206	25.430	4.140	7.684	31.496	33.975	5.5316	2.15247	0.00031	43.5366	250.000
1.3817	4974	43.5366	24.870	37.00	41.250	1063.077	25.962	-5.206	25.432	4.141	7.684	31.496	33.975	5.5316	2.15227	0.00031	43.5369	250.000
1.3819	4975	43.5369	24.870	37.00	41.250	1063.279	25.967	-5.206	25.433	4.141	7.684	31.496	33.975	5.5316	2.15208	0.00031	43.5372	250.000
1.3822	4976	43.5372	24.871	37.00	41.250	1063.481	25.972	-5.206	25.434	4.141	7.683	31.496	33.975	5.5316	2.15188	0.00031	43.5375	250.000
1.3825	4977	43.5375	24.871	37.00	41.250	1063.683	25.977	-5.206	25.435	4.141	7.683	31.496	33.975	5.5316	2.15169	0.00031	43.5378	250.000
1.3828	4978	43.5378	24.871	37.00	41.250	1063.885	25.982	-5.206	25.436	4.141	7.683	31.496	33.975	5.5316	2.15149	0.00031	43.5381	250.000
1.3831	4979	43.5381	24.871	37.00	41.250	1064.087	25.987	-5.206	25.438	4.142	7.683	31.496	33.975	5.5316	2.15130	0.00031	43.5384	250.000
1.3833	4980	43.5384	24.872	37.00	41.250	1064.289	25.992	-5.206	25.439	4.142	7.683	31.496	33.975	5.5316	2.15110	0.00031	43.5387	250.000
1.3836	4981	43.5387	24.872	37.00	41.250	1064.492	25.997	-5.206	25.440	4.142	7.682	31.496	33.975	5.5316	2.15091	0.00031	43.5390	250.000
1.3839	4982	43.5390	24.872	37.00	41.250	1064.694	26.002	-5.206	25.441	4.142	7.682	31.496	33.975	5.5316	2.15071	0.00031	43.5393	250.000
1.3842	4983	43.5393	24.873	37.00	41.250	1064.896	26.007	-5.206	25.442	4.142	7.682	31.496	33.975	5.5316	2.15052	0.00031	43.5396	250.000
1.3844	4984	43.5396	24.873	37.00	41.250	1065.098	26.012	-5.206	25.444	4.143	7.682	31.496	33.975	5.5316	2.15032	0.00031	43.5399	250.000
1.3847	4985	43.5399	24.873	37.00	41.250	1065.300	26.017	-5.206	25.445	4.143	7.682	31.496	33.975	5.5316	2.15013	0.00031	43.5402	250.000
1.3850	4986	43.5402	24.874	37.00	41.250	1065.502	26.022	-5.206	25.446	4.143	7.681	31.496	33.975	5.5316	2.14993	0.00031	43.5406	250.000
1.3853	4987	43.5406	24.874	37.00	41.250	1065.704	26.027	-5.206	25.447	4.143	7.681	31.496	33.975	5.5316	2.14974	0.00031	43.5409	250.000

1.3856	4988	43.5409	24.874	37.00	41.250	1065.906	26.032	-5.206	25.448	4.143	7.681	31.496	33.975	5.5316	2.14955	0.00031	43.5412	250.000
1.3858	4989	43.5412	24.875	37.00	41.250	1066.108	26.036	-5.206	25.450	4.144	7.681	31.496	33.975	5.5316	2.14935	0.00031	43.5415	250.000
1.3861	4990	43.5415	24.875	37.00	41.250	1066.310	26.041	-5.206	25.451	4.144	7.681	31.496	33.975	5.5316	2.14916	0.00031	43.5418	250.000
1.3864	4991	43.5418	24.875	37.00	41.250	1066.512	26.046	-5.206	25.452	4.144	7.681	31.496	33.975	5.5316	2.14896	0.00031	43.5421	250.000
1.3867	4992	43.5421	24.875	37.00	41.250	1066.714	26.051	-5.206	25.453	4.144	7.680	31.496	33.975	5.5316	2.14877	0.00031	43.5424	250.000
1.3869	4993	43.5424	24.876	37.00	41.250	1066.916	26.056	-5.206	25.454	4.144	7.680	31.496	33.975	5.5316	2.14857	0.00031	43.5427	250.000
1.3872	4994	43.5427	24.876	37.00	41.250	1067.118	26.061	-5.206	25.456	4.144	7.680	31.496	33.975	5.5316	2.14838	0.00031	43.5430	250.000
1.3875	4995	43.5430	24.876	37.00	41.250	1067.320	26.066	-5.206	25.457	4.145	7.680	31.496	33.975	5.5316	2.14818	0.00031	43.5433	250.000
1.3878	4996	43.5433	24.877	37.00	41.250	1067.522	26.071	-5.206	25.458	4.145	7.680	31.496	33.975	5.5316	2.14799	0.00031	43.5436	250.000
1.3881	4997	43.5436	24.877	37.00	41.250	1067.724	26.076	-5.206	25.459	4.145	7.679	31.496	33.975	5.5316	2.14780	0.00031	43.5439	250.000
1.3883	4998	43.5439	24.877	37.00	41.250	1067.926	26.081	-5.206	25.460	4.145	7.679	31.496	33.975	5.5316	2.14760	0.00031	43.5442	250.000
1.3886	4999	43.5442	24.878	37.00	41.250	1068.128	26.086	-5.206	25.461	4.145	7.679	31.496	33.975	5.5316	2.14741	0.00031	43.5445	250.000
1.3889	5000	43.5445	24.878	37.00	41.250	1068.330	26.091	-5.206	25.463	4.146	7.679	31.496	33.975	5.5316	2.14721	0.00031	43.5448	250.000
1.3892	5001	43.5448	24.878	37.00	41.250	1068.532	26.096	-5.206	25.464	4.146	7.679	31.496	33.975	5.5316	2.14702	0.00031	43.5452	250.000
1.3894	5002	43.5452	24.879	37.00	41.250	1068.734	26.101	-5.206	25.465	4.146	7.678	31.496	33.975	5.5316	2.14682	0.00031	43.5455	250.000
1.3897	5003	43.5455	24.879	37.00	41.250	1068.936	26.106	-5.206	25.466	4.146	7.678	31.496	33.975	5.5316	2.14663	0.00031	43.5458	250.000
1.3900	5004	43.5458	24.879	37.00	41.250	1069.138	26.111	-5.206	25.467	4.146	7.678	31.496	33.975	5.5316	2.14644	0.00031	43.5461	250.000
1.3903	5005	43.5461	24.879	37.00	41.250	1069.340	26.115	-5.206	25.469	4.147	7.678	31.496	33.975	5.5316	2.14624	0.00031	43.5464	250.000
1.3906	5006	43.5464	24.880	37.00	41.250	1069.542	26.120	-5.206	25.470	4.147	7.678	31.496	33.975	5.5316	2.14605	0.00031	43.5467	250.000
1.3908	5007	43.5467	24.880	37.00	41.250	1069.744	26.125	-5.206	25.471	4.147	7.677	31.496	33.975	5.5316	2.14585	0.00031	43.5470	250.000
1.3911	5008	43.5470	24.880	37.00	41.250	1069.946	26.130	-5.206	25.472	4.147	7.677	31.496	33.975	5.5316	2.14566	0.00031	43.5473	250.000
1.3914	5009	43.5473	24.881	37.00	41.250	1070.148	26.135	-5.206	25.473	4.147	7.677	31.496	33.975	5.5316	2.14546	0.00031	43.5476	250.000
1.3917	5010	43.5476	24.881	37.00	41.250	1070.350	26.140	-5.206	25.475	4.148	7.677	31.496	33.975	5.5316	2.14527	0.00031	43.5479	250.000
1.3919	5011	43.5479	24.881	37.00	41.250	1070.552	26.145	-5.206	25.476	4.148	7.677	31.496	33.975	5.5316	2.14508	0.00031	43.5482	250.000
1.3922	5012	43.5482	24.882	37.00	41.250	1070.754	26.150	-5.206	25.477	4.148	7.676	31.496	33.975	5.5316	2.14488	0.00031	43.5485	250.000
1.3925	5013	43.5485	24.882	37.00	41.250	1070.956	26.155	-5.206	25.478	4.148	7.676	31.496	33.975	5.5316	2.14469	0.00031	43.5488	250.000
1.3928	5014	43.5488	24.882	37.00	41.250	1071.159	26.160	-5.206	25.479	4.148	7.676	31.496	33.975	5.5316	2.14449	0.00031	43.5491	250.000
1.3931	5015	43.5491	24.883	37.00	41.250	1071.361	26.165	-5.206	25.481	4.149	7.676	31.496	33.975	5.5316	2.14430	0.00031	43.5494	250.000
1.3933	5016	43.5494	24.883	37.00	41.250	1071.563	26.170	-5.206	25.482	4.149	7.676	31.496	33.975	5.5316	2.14411	0.00031	43.5498	250.000
1.3936	5017	43.5498	24.883	37.00	41.250	1071.765	26.175	-5.206	25.483	4.149	7.675	31.496	33.975	5.5316	2.14391	0.00031	43.5501	250.000
1.3939	5018	43.5501	24.883	37.00	41.250	1071.967	26.180	-5.206	25.484	4.149	7.675	31.496	33.975	5.5316	2.14372	0.00031	43.5504	250.000
1.3942	5019	43.5504	24.884	37.00	41.250	1072.169	26.185	-5.206	25.485	4.149	7.675	31.496	33.975	5.5316	2.14352	0.00031	43.5507	250.000
1.3944	5020	43.5507	24.884	37.00	41.250	1072.371	26.189	-5.206	25.487	4.150	7.675	31.496	33.975	5.5316	2.14333	0.00031	43.5510	250.000
1.3947	5021	43.5510	24.884	37.00	41.250	1072.573	26.194	-5.206	25.488	4.150	7.675	31.496	33.975	5.5316	2.14314	0.00031	43.5513	250.000
1.3950	5022	43.5513	24.885	37.00	41.250	1072.775	26.199	-5.206	25.489	4.150	7.674	31.496	33.975	5.5316	2.14294	0.00031	43.5516	250.000
1.3953	5023	43.5516	24.885	37.00	41.250	1072.977	26.204	-5.206	25.490	4.150	7.674	31.496	33.975	5.5316	2.14275	0.00031	43.5519	250.000
1.3956	5024	43.5519	24.885	37.00	41.250	1073.179	26.209	-5.206	25.491	4.150	7.674	31.496	33.975	5.5316	2.14255	0.00031	43.5522	250.000
1.3958	5025	43.5522	24.886	37.00	41.250	1073.381	26.214	-5.206	25.492	4.151	7.674	31.496	33.975	5.5316	2.14236	0.00031	43.5525	250.000
1.3961	5026	43.5525	24.886	37.00	41.250	1073.583	26.219	-5.206	25.494	4.151	7.674	31.496	33.975	5.5316	2.14217	0.00031	43.5528	250.000
1.3964	5027	43.5528	24.886	37.00	41.250	1073.785	26.224	-5.206	25.495	4.151	7.674	31.496	33.975	5.5316	2.14197	0.00031	43.5531	250.000
1.3967	5028	43.5531	24.887	37.00	41.250	1073.987	26.229	-5.206	25.496	4.151	7.673	31.496	33.975	5.5316	2.14178	0.00031	43.5534	250.000
1.3969	5029	43.5534	24.887	37.00	41.250	1074.189	26.234	-5.206	25.497	4.151	7.673	31.496	33.975	5.5316	2.14158	0.00031	43.5537	250.000
1.3972	5030	43.5537	24.887	37.00	41.250	1074.391	26.239	-5.206	25.498	4.151	7.673	31.496	33.975	5.5316	2.14139	0.00031	43.5540	250.000
1.3975	5031	43.5540	24.887	37.00	41.250	1074.593	26.244	-5.206	25.500	4.152	7.673	31.496	33.975	5.5316	2.14120	0.00031	43.5543	250.000
1.3978	5032	43.5543	24.888	37.00	41.250	1074.795	26.249	-5.206	25.501	4.152	7.673	31.496	33.975	5.5316	2.14100	0.00031	43.5546	250.000
1.3981	5033	43.5546	24.888	37.00	41.250	1074.997	26.254	-5.206	25.502	4.152	7.672	31.496	33.975	5.5316	2.14081	0.00031	43.5550	250.000
1.3983	5034	43.5550	24.888	37.00	41.250	1075.199	26.259	-5.206	25.503	4.152	7.672	31.496	33.975	5.5316	2.14062	0.00031	43.5553	250.000
1.3986	5035	43.5553	24.889	37.00	41.250	1075.401	26.263	-5.206	25.504	4.152	7.672	31.496	33.975	5.5316	2.14042	0.00031	43.5556	250.000
1.3989	5036	43.5556	24.889	37.00	41.250	1075.603	26.268	-5.206	25.506	4.153	7.672	31.496	33.975	5.5316	2.14023	0.00031	43.5559	250.000
1.3992	5037	43.5559	24.889	37.00	41.250	1075.805	26.273	-5.206	25.507	4.153	7.672	31.496	33.975	5.5316	2.14003	0.00031	43.5562	250.000
1.3994	5038	43.5562	24.890	37.00	41.250	1076.007	26.278	-5.206	25.508	4.153	7.671	31.496	33.975	5.5316	2.13984	0.00031	43.5565	250.000
1.3997	5039	43.5565	24.890	37.00	41.250	1076.209	26.283	-5.206	25.509	4.153	7.671	31.496	33.975	5.5316	2.13965	0.00031	43.5568	250.000
1.4000	5040	43.5568	24.890	37.00	41.250	1076.411	26.288	-5.206	25.510	4.153	7.671	31.496	33.975	5.5316	2.13945	0.00031	43.5571	250.000
1.4003	5041	43.5571	24.890	37.00	41.250	1076.613	26.293	-5.206	25.512	4.154	7.671	31.496	33.975	5.5316	2.13926	0.00031	43.5574	250.000
1.4006	5042	43.5574	24.891	37.00	41.250	1076.815	26.298	-5.206	25.513	4.154	7.671	31.496	33.975	5.5316	2.13907	0.00031	43.5577	250.000
1.4008	5043	43.5577	24.891	37.00	41.250	1077.017	26.303	-5.206	25.514	4.154	7.670	31.496	33.975	5.5316	2.13887	0.00031	43.5580	250.000
1.4011	5044	43.5580	24.891	37.00	41.250	1077.219	26.308	-5.206	25.515	4.154	7.670	31.496	33.975	5.5316	2.13868	0.00031	43.5583	250.000
1.4014	5045	43.5583	24.892	37.00	41.250	1077.421	26.313	-5.206	25.516	4.154	7.670	31.496	33.975	5.5316	2.13849	0.00031	43.5586	250.000
1.4017	5046	43.5586	24.892	37.00	41.250	1077.623	26.318	-5.206	25.517	4.155	7.670	31.496	33.975	5.5316	2.13829	0.00031	43.5589	250.000
1.4019	5047	43.5589	24.892	37.00	41.250	1077.825	26.323	-5.206	25.519	4.155	7.670	31.496	33.975	5.5316	2.13810	0.00031	43.5592	250.000
1.4022	5048	43.5592	24.893	37.00	41.250	1078.028	26.328	-5.206	25.520	4.155	7.669	31.496	33.975	5.5316	2.13791	0.00031	43.5595	250.000
1.4025	5049	43.5595	24.893	37.00	41.250	1078.230	26.333	-5.206	25.521	4.155	7.669	31.496	33.975	5.5316	2.13771	0.00031	43.5598	250.000
1.4028	5050	43.5598	24.893	37.00	41.250	1078.432	26.337	-5.206	25.522	4.155	7.669	31.496	33.975	5.5316	2.13752	0.00031	43.5602	250.000
1.4031	5051	43.5602	24.894	37.00	41.250	1078.634	26.342	-5.206	25.523	4.156	7.669	31.496	33.975	5.5316	2.13733	0.00031	43.5605	250.000
1.4033	5052	43.5605	24.894	37.00	41.250	1078.836	26.347	-5.206	25.525	4.156	7.669	31.496	33.975	5.5316	2.13713	0.00031	43.5608	250.000
1.4036	5053	43.5608	24.894	37.00	41.250	1079.038	26.352	-5.206	25.526	4.156	7.668	31.496	33.975	5.5316	2.13694	0.00031	43.5611	250.000
1.4039	5054	43.5611	24.894	37.00	41.250	1079.240	26.357	-5.206	25.527	4.156	7.668	31.496	33.975	5.5316	2.13675	0.00031	43.5614	250.000
1.4042	5055	43.5614	24.895	37.00	41.250	1079.442	26.362	-5.206	25.528	4.156	7.668	31.496	33.975	5.5316	2.13655	0.00031	43.5617	250.000
1.4044	5056	43.5617	24.895	37.00	41.250	1079.644	26.367	-5.206	25.529	4.157	7.668	31.496	33.975	5.5316	2.13636	0.00031	43.5620	250.000
1.4047	5057	43.5620	24.895	37.00	41.250	1079.846	26.372	-5.206	25.531	4.157	7.668	31.496	33.975	5.5316	2.13617	0.00031	43.5623	250.000
1.4050	5058	43.5623	24.896	37.00	41.250	1080.048	26.377	-5.206	25.532	4.157	7.668	31.496	33.975	5.5316	2.13597	0.00031	43.5626	250.000
1.4053	5059	43.5626	24.896	37.00	41.250	1080.250	26.382	-5.206	25.533	4.157	7.667	31.496	33.975	5.5316	2.13578	0.00031	43.5629	250.000
1.4056	5060	43.5629	24.896	37.00	41.250	1080.452	26.387	-5.206	25.534	4.157	7.667	31.496	33.975	5.5316	2.13559	0.00031	43.5632	250.000
1.4058	5061	43.5632	24.897	37.00	41.250	1080.654	26.392	-5.206	25.535	4.157	7.667	31.496	33.975	5.5316	2.13539	0.00031	43.5635	250.000
1.4061	5062	43.5635	24.897	37.00	41.250	1080.856	26.397	-5.206	25.536	4.158	7.667	31.496	33.975	5.5316	2.13520	0.00031	43.5638	250.000
1.4064	5063	43.5638	24.897	37.00	41.250	1081.058	26.402	-5.206	25.538	4.158	7.667	31.496	33.975	5.5316	2.13501	0.00031	43.5641	250.000
1.4067	5064	43.5641	24.898	37.00	41.250	1081.260	26.407	-5.206	25.539	4.158	7.666	31.496	33.975	5.5316	2.13481	0.00030	43.5644	250.000
1.4069	5065	43.5644	24.898	37.00	41.250	1081.462	26.411	-5.206	25.540	4.158	7.666	31.496	33.975	5.5316	2.13462	0.00030	43.5647	250.000
1.4072	5066	43.5647	24.898	37.00	41.250	1081.664	26.416	-5.206	25.541	4.158	7.666	31.496	33.975	5.5316	2.13443	0.00030	43.5650	250.000
1.4075	5067	43.5650	24.898	37.00	41.250	1081.866	26.421	-5.206	25.542	4.159	7.666	31.496	33.975	5.5316	2.13423	0.00030	43.5653	250.000
1.4078	5068	43.5653	24.899	37.00	41.250	1082.068	26.426	-5.206	25.544	4.159	7.666	31.496	33.975	5.5316	2.13404	0.00030	43.5656	250.000

1.4081	5069	43.5656	24.899	37.00	41.250	1082.270	26.431	-5.206	25.545	4.159	7.665	31.496	33.975	5.5316	2.13385	0.00030	43.5659	250.000
1.4083	5070	43.5659	24.899	37.00	41.250	1082.472	26.436	-5.206	25.546	4.159	7.665	31.496	33.975	5.5316	2.13365	0.00030	43.5663	250.000
1.4086	5071	43.5663	24.900	37.00	41.250	1082.674	26.441	-5.206	25.547	4.159	7.665	31.496	33.975	5.5316	2.13346	0.00030	43.5666	250.000
1.4089	5072	43.5666	24.900	37.00	41.250	1082.876	26.446	-5.206	25.548	4.160	7.665	31.496	33.975	5.5316	2.13327	0.00030	43.5669	250.000
1.4092	5073	43.5669	24.900	37.00	41.250	1083.078	26.451	-5.206	25.550	4.160	7.665	31.496	33.975	5.5316	2.13307	0.00030	43.5672	250.000
1.4094	5074	43.5672	24.901	37.00	41.250	1083.280	26.456	-5.206	25.551	4.160	7.664	31.496	33.975	5.5316	2.13288	0.00030	43.5675	250.000
1.4097	5075	43.5675	24.901	37.00	41.250	1083.482	26.461	-5.206	25.552	4.160	7.664	31.496	33.975	5.5316	2.13269	0.00030	43.5678	250.000
1.4100	5076	43.5678	24.901	37.00	41.250	1083.684	26.466	-5.206	25.553	4.160	7.664	31.496	33.975	5.5316	2.13250	0.00030	43.5681	250.000
1.4103	5077	43.5681	24.901	37.00	41.250	1083.886	26.471	-5.206	25.554	4.161	7.664	31.496	33.975	5.5316	2.13230	0.00030	43.5684	250.000
1.4106	5078	43.5684	24.902	37.00	41.250	1084.088	26.476	-5.206	25.555	4.161	7.664	31.496	33.975	5.5316	2.13211	0.00030	43.5687	250.000
1.4108	5079	43.5687	24.902	37.00	41.250	1084.290	26.481	-5.206	25.557	4.161	7.663	31.496	33.975	5.5316	2.13192	0.00030	43.5690	250.000
1.4111	5080	43.5690	24.902	37.00	41.250	1084.492	26.485	-5.206	25.558	4.161	7.663	31.496	33.975	5.5316	2.13172	0.00030	43.5693	250.000
1.4114	5081	43.5693	24.903	37.00	41.250	1084.695	26.490	-5.206	25.559	4.161	7.663	31.496	33.975	5.5316	2.13153	0.00030	43.5696	250.000
1.4117	5082	43.5696	24.903	37.00	41.250	1084.897	26.495	-5.206	25.560	4.162	7.663	31.496	33.975	5.5316	2.13134	0.00030	43.5699	250.000
1.4119	5083	43.5699	24.903	37.00	41.250	1085.099	26.500	-5.206	25.561	4.162	7.663	31.496	33.975	5.5316	2.13114	0.00030	43.5702	250.000
1.4122	5084	43.5702	24.904	37.00	41.250	1085.301	26.505	-5.206	25.563	4.162	7.663	31.496	33.975	5.5316	2.13095	0.00030	43.5705	250.000
1.4125	5085	43.5705	24.904	37.00	41.250	1085.503	26.510	-5.206	25.564	4.162	7.662	31.496	33.975	5.5316	2.13076	0.00030	43.5708	250.000
1.4128	5086	43.5708	24.904	37.00	41.250	1085.705	26.515	-5.206	25.565	4.162	7.662	31.496	33.975	5.5316	2.13057	0.00030	43.5711	250.000
1.4131	5087	43.5711	24.905	37.00	41.250	1085.907	26.520	-5.206	25.566	4.163	7.662	31.496	33.975	5.5316	2.13037	0.00030	43.5714	250.000
1.4133	5088	43.5714	24.905	37.00	41.250	1086.109	26.525	-5.206	25.567	4.163	7.662	31.496	33.975	5.5316	2.13018	0.00030	43.5717	250.000
1.4136	5089	43.5717	24.905	37.00	41.250	1086.311	26.530	-5.206	25.568	4.163	7.662	31.496	33.975	5.5316	2.12999	0.00030	43.5720	250.000
1.4139	5090	43.5720	24.905	37.00	41.250	1086.513	26.535	-5.206	25.570	4.163	7.661	31.496	33.975	5.5316	2.12980	0.00030	43.5723	250.000
1.4142	5091	43.5723	24.906	37.00	41.250	1086.715	26.540	-5.206	25.571	4.163	7.661	31.496	33.975	5.5316	2.12960	0.00030	43.5726	250.000
1.4144	5092	43.5726	24.906	37.00	41.250	1086.917	26.545	-5.206	25.572	4.163	7.661	31.496	33.975	5.5316	2.12941	0.00030	43.5730	250.000
1.4147	5093	43.5730	24.906	37.00	41.250	1087.119	26.550	-5.206	25.573	4.164	7.661	31.496	33.975	5.5316	2.12922	0.00030	43.5733	250.000
1.4150	5094	43.5733	24.907	37.00	41.250	1087.321	26.555	-5.206	25.574	4.164	7.661	31.496	33.975	5.5316	2.12902	0.00030	43.5736	250.000
1.4153	5095	43.5736	24.907	37.00	41.250	1087.523	26.559	-5.206	25.576	4.164	7.660	31.496	33.975	5.5316	2.12883	0.00030	43.5739	250.000
1.4156	5096	43.5739	24.907	37.00	41.250	1087.725	26.564	-5.206	25.577	4.164	7.660	31.496	33.975	5.5316	2.12864	0.00030	43.5742	250.000
1.4158	5097	43.5742	24.908	37.00	41.250	1087.927	26.569	-5.206	25.578	4.164	7.660	31.496	33.975	5.5316	2.12845	0.00030	43.5745	250.000
1.4161	5098	43.5745	24.908	37.00	41.250	1088.129	26.574	-5.206	25.579	4.165	7.660	31.496	33.975	5.5316	2.12825	0.00030	43.5748	250.000
1.4164	5099	43.5748	24.908	37.00	41.250	1088.331	26.579	-5.206	25.580	4.165	7.660	31.496	33.975	5.5316	2.12806	0.00030	43.5751	250.000
1.4167	5100	43.5751	24.908	37.00	41.250	1088.533	26.584	-5.206	25.581	4.165	7.659	31.496	33.975	5.5316	2.12787	0.00030	43.5754	250.000
1.4169	5101	43.5754	24.909	37.00	41.250	1088.735	26.589	-5.206	25.583	4.165	7.659	31.496	33.975	5.5316	2.12768	0.00030	43.5757	250.000
1.4172	5102	43.5757	24.909	37.00	41.250	1088.937	26.594	-5.206	25.584	4.165	7.659	31.496	33.975	5.5316	2.12748	0.00030	43.5760	250.000
1.4175	5103	43.5760	24.909	37.00	41.250	1089.139	26.599	-5.206	25.585	4.166	7.659	31.496	33.975	5.5316	2.12729	0.00030	43.5763	250.000
1.4178	5104	43.5763	24.910	37.00	41.250	1089.341	26.604	-5.206	25.586	4.166	7.659	31.496	33.975	5.5316	2.12710	0.00030	43.5766	250.000
1.4181	5105	43.5766	24.910	37.00	41.250	1089.543	26.609	-5.206	25.587	4.166	7.658	31.496	33.975	5.5316	2.12691	0.00030	43.5769	250.000
1.4183	5106	43.5769	24.910	37.00	41.250	1089.745	26.614	-5.206	25.589	4.166	7.658	31.496	33.975	5.5316	2.12671	0.00030	43.5772	250.000
1.4186	5107	43.5772	24.911	37.00	41.250	1089.947	26.619	-5.206	25.590	4.166	7.658	31.496	33.975	5.5316	2.12652	0.00030	43.5775	250.000
1.4189	5108	43.5775	24.911	37.00	41.250	1090.149	26.624	-5.206	25.591	4.167	7.658	31.496	33.975	5.5316	2.12633	0.00030	43.5778	250.000
1.4192	5109	43.5778	24.911	37.00	41.250	1090.351	26.629	-5.206	25.592	4.167	7.658	31.496	33.975	5.5316	2.12614	0.00030	43.5781	250.000
1.4194	5110	43.5781	24.912	37.00	41.250	1090.553	26.634	-5.206	25.593	4.167	7.657	31.496	33.975	5.5316	2.12594	0.00030	43.5784	250.000
1.4197	5111	43.5784	24.912	37.00	41.250	1090.755	26.638	-5.206	25.594	4.167	7.657	31.496	33.975	5.5316	2.12575	0.00030	43.5787	250.000
1.4200	5112	43.5787	24.912	37.00	41.250	1090.957	26.643	-5.206	25.596	4.167	7.657	31.496	33.975	5.5316	2.12556	0.00030	43.5790	250.000
1.4203	5113	43.5790	24.912	37.00	41.250	1091.159	26.648	-5.206	25.597	4.168	7.657	31.496	33.975	5.5316	2.12537	0.00030	43.5793	250.000
1.4206	5114	43.5793	24.913	37.00	41.250	1091.362	26.653	-5.206	25.598	4.168	7.657	31.496	33.975	5.5316	2.12517	0.00030	43.5796	250.000
1.4208	5115	43.5796	24.913	37.00	41.250	1091.564	26.658	-5.206	25.599	4.168	7.657	31.496	33.975	5.5316	2.12498	0.00030	43.5799	250.000
1.4211	5116	43.5799	24.913	37.00	41.250	1091.766	26.663	-5.206	25.600	4.168	7.656	31.496	33.975	5.5316	2.12479	0.00030	43.5802	250.000
1.4214	5117	43.5802	24.914	37.00	41.250	1091.968	26.668	-5.206	25.602	4.168	7.656	31.496	33.975	5.5316	2.12460	0.00030	43.5805	250.000
1.4217	5118	43.5805	24.914	37.00	41.250	1092.170	26.673	-5.206	25.603	4.168	7.656	31.496	33.975	5.5316	2.12441	0.00030	43.5809	250.000
1.4219	5119	43.5809	24.914	37.00	41.250	1092.372	26.678	-5.206	25.604	4.169	7.656	31.496	33.975	5.5316	2.12421	0.00030	43.5812	250.000
1.4222	5120	43.5812	24.915	37.00	41.250	1092.574	26.683	-5.206	25.605	4.169	7.656	31.496	33.975	5.5316	2.12402	0.00030	43.5815	250.000
1.4225	5121	43.5815	24.915	37.00	41.250	1092.776	26.688	-5.206	25.606	4.169	7.655	31.496	33.975	5.5316	2.12383	0.00030	43.5818	250.000
1.4228	5122	43.5818	24.915	37.00	41.250	1092.978	26.693	-5.206	25.607	4.169	7.655	31.496	33.975	5.5316	2.12364	0.00030	43.5821	250.000
1.4231	5123	43.5821	24.915	37.00	41.250	1093.180	26.698	-5.206	25.609	4.169	7.655	31.496	33.975	5.5316	2.12344	0.00030	43.5824	250.000
1.4233	5124	43.5824	24.916	37.00	41.250	1093.382	26.703	-5.206	25.610	4.170	7.655	31.496	33.975	5.5316	2.12325	0.00030	43.5827	250.000
1.4236	5125	43.5827	24.916	37.00	41.250	1093.584	26.708	-5.206	25.611	4.170	7.655	31.496	33.975	5.5316	2.12306	0.00030	43.5830	250.000
1.4239	5126	43.5830	24.916	37.00	41.250	1093.786	26.712	-5.206	25.612	4.170	7.654	31.496	33.975	5.5316	2.12287	0.00030	43.5833	250.000
1.4242	5127	43.5833	24.917	37.00	41.250	1093.988	26.717	-5.206	25.613	4.170	7.654	31.496	33.975	5.5316	2.12268	0.00030	43.5836	250.000
1.4244	5128	43.5836	24.917	37.00	41.250	1094.190	26.722	-5.206	25.615	4.170	7.654	31.496	33.975	5.5316	2.12248	0.00030	43.5839	250.000
1.4247	5129	43.5839	24.917	37.00	41.250	1094.392	26.727	-5.206	25.616	4.171	7.654	31.496	33.975	5.5316	2.12229	0.00030	43.5842	250.000
1.4250	5130	43.5842	24.918	37.00	41.250	1094.594	26.732	-5.206	25.617	4.171	7.654	31.496	33.975	5.5316	2.12210	0.00030	43.5845	250.000
1.4253	5131	43.5845	24.918	37.00	41.250	1094.796	26.737	-5.206	25.618	4.171	7.653	31.496	33.975	5.5316	2.12191	0.00030	43.5848	250.000
1.4256	5132	43.5848	24.918	37.00	41.250	1094.998	26.742	-5.206	25.619	4.171	7.653	31.496	33.975	5.5316	2.12172	0.00030	43.5851	250.000
1.4258	5133	43.5851	24.918	37.00	41.250	1095.200	26.747	-5.206	25.620	4.171	7.653	31.496	33.975	5.5316	2.12152	0.00030	43.5854	250.000
1.4261	5134	43.5854	24.919	37.00	41.250	1095.402	26.752	-5.206	25.622	4.172	7.653	31.496	33.975	5.5316	2.12133	0.00030	43.5857	250.000
1.4264	5135	43.5857	24.919	37.00	41.250	1095.604	26.757	-5.206	25.623	4.172	7.653	31.496	33.975	5.5316	2.12114	0.00030	43.5860	250.000
1.4267	5136	43.5860	24.919	37.00	41.250	1095.806	26.762	-5.206	25.624	4.172	7.653	31.496	33.975	5.5316	2.12095	0.00030	43.5863	250.000
1.4269	5137	43.5863	24.920	37.00	41.250	1096.008	26.767	-5.206	25.625	4.172	7.652	31.496	33.975	5.5316	2.12076	0.00030	43.5866	250.000
1.4272	5138	43.5866	24.920	37.00	41.250	1096.210	26.772	-5.206	25.626	4.172	7.652	31.496	33.975	5.5316	2.12056	0.00030	43.5869	250.000
1.4275	5139	43.5869	24.920	37.00	41.250	1096.412	26.777	-5.206	25.628	4.173	7.652	31.496	33.975	5.5316	2.12037	0.00030	43.5872	250.000
1.4278	5140	43.5872	24.921	37.00	41.250	1096.614	26.782	-5.206	25.629	4.173	7.652	31.496	33.975	5.5316	2.12018	0.00030	43.5875	250.000
1.4281	5141	43.5875	24.921	37.00	41.250	1096.816	26.786	-5.206	25.630	4.173	7.652	31.496	33.975	5.5316	2.11999	0.00030	43.5878	250.000
1.4283	5142	43.5878	24.921	37.00	41.250	1097.018	26.791	-5.206	25.631	4.173	7.651	31.496	33.975	5.5316	2.11980	0.00030	43.5881	250.000
1.4286	5143	43.5881	24.922	37.00	41.250	1097.220	26.796	-5.206	25.632	4.173	7.651	31.496	33.975	5.5316	2.11960	0.00030	43.5884	250.000
1.4289	5144	43.5884	24.922	37.00	41.250	1097.422	26.801	-5.206	25.633	4.173	7.651	31.496	33.975	5.5316	2.11941	0.00030	43.5887	250.000
1.4292	5145	43.5887	24.922	37.00	41.250	1097.624	26.806	-5.206	25.635	4.174	7.651	31.496	33.975	5.5316	2.11922	0.00030	43.5890	250.000
1.4294	5146	43.5890	24.922	37.00	41.250	1097.826	26.811	-5.206	25.636	4.174	7.651	31.496	33.975	5.5316	2.11903	0.00030	43.5893	250.000
1.4297	5147	43.5893	24.923	37.00	41.250	1098.028	26.816	-5.206	25.637	4.174	7.650	31.496	33.975	5.5316	2.11884	0.00030	43.5896	250.000
1.4300	5148	43.5896	24.923	37.00	41.250	1098.231	26.821	-5.206	25.638	4.174	7.650	31.496	33.975	5.5316	2.11865	0.00030	43.5899	250.000
1.4303	5149	43.5899	24.923	37.00	41.250	1098.433	26.826	-5.206	25.639	4.174	7.650	31.496	33.975	5.5316	2.11845	0.00030	43.5902	250.000

1.4306	5150	43.5902	24.924	37.00	41.250	1098.635	26.831	-5.206	25.640	4.175	7.650	31.496	33.975	5.5316	2.11826	0.00030	43.5905	250.000
1.4308	5151	43.5905	24.924	37.00	41.250	1098.837	26.836	-5.206	25.642	4.175	7.650	31.496	33.975	5.5316	2.11807	0.00030	43.5909	250.000
1.4311	5152	43.5909	24.924	37.00	41.250	1099.039	26.841	-5.206	25.643	4.175	7.649	31.496	33.975	5.5316	2.11788	0.00030	43.5912	250.000
1.4314	5153	43.5912	24.925	37.00	41.250	1099.241	26.846	-5.206	25.644	4.175	7.649	31.496	33.975	5.5316	2.11769	0.00030	43.5915	250.000
1.4317	5154	43.5915	24.925	37.00	41.250	1099.443	26.851	-5.206	25.645	4.175	7.649	31.496	33.975	5.5316	2.11750	0.00030	43.5918	250.000
1.4319	5155	43.5918	24.925	37.00	41.250	1099.645	26.856	-5.206	25.646	4.176	7.649	31.496	33.975	5.5316	2.11730	0.00030	43.5921	250.000
1.4322	5156	43.5921	24.925	37.00	41.250	1099.847	26.860	-5.206	25.648	4.176	7.649	31.496	33.975	5.5316	2.11711	0.00030	43.5924	250.000
1.4325	5157	43.5924	24.926	37.00	41.250	1100.049	26.865	-5.206	25.649	4.176	7.648	31.496	33.975	5.5316	2.11692	0.00030	43.5927	250.000
1.4328	5158	43.5927	24.926	37.00	41.250	1100.251	26.870	-5.206	25.650	4.176	7.648	31.496	33.975	5.5316	2.11673	0.00030	43.5930	250.000
1.4331	5159	43.5930	24.926	37.00	41.250	1100.453	26.875	-5.206	25.651	4.176	7.648	31.496	33.975	5.5316	2.11654	0.00030	43.5933	250.000
1.4333	5160	43.5933	24.927	37.00	41.250	1100.655	26.880	-5.206	25.652	4.177	7.648	31.496	33.975	5.5316	2.11635	0.00030	43.5936	250.000
1.4336	5161	43.5936	24.927	37.00	41.250	1100.857	26.885	-5.206	25.653	4.177	7.648	31.496	33.975	5.5316	2.11615	0.00030	43.5939	250.000
1.4339	5162	43.5939	24.927	37.00	41.250	1101.059	26.890	-5.206	25.655	4.177	7.648	31.496	33.975	5.5316	2.11596	0.00030	43.5942	250.000
1.4342	5163	43.5942	24.928	37.00	41.250	1101.261	26.895	-5.206	25.656	4.177	7.647	31.496	33.975	5.5316	2.11577	0.00030	43.5945	250.000
1.4344	5164	43.5945	24.928	37.00	41.250	1101.463	26.900	-5.206	25.657	4.177	7.647	31.496	33.975	5.5316	2.11558	0.00030	43.5948	250.000
1.4347	5165	43.5948	24.928	37.00	41.250	1101.665	26.905	-5.206	25.658	4.177	7.647	31.496	33.975	5.5316	2.11539	0.00030	43.5951	250.000
1.4350	5166	43.5951	24.928	37.00	41.250	1101.867	26.910	-5.206	25.659	4.178	7.647	31.496	33.975	5.5316	2.11520	0.00030	43.5954	250.000
1.4353	5167	43.5954	24.929	37.00	41.250	1102.069	26.915	-5.206	25.660	4.178	7.647	31.496	33.975	5.5316	2.11501	0.00030	43.5957	250.000
1.4356	5168	43.5957	24.929	37.00	41.250	1102.271	26.920	-5.206	25.662	4.178	7.646	31.496	33.975	5.5316	2.11481	0.00030	43.5960	250.000
1.4358	5169	43.5960	24.929	37.00	41.250	1102.473	26.925	-5.206	25.663	4.178	7.646	31.496	33.975	5.5316	2.11462	0.00030	43.5963	250.000
1.4361	5170	43.5963	24.930	37.00	41.250	1102.675	26.930	-5.206	25.664	4.178	7.646	31.496	33.975	5.5316	2.11443	0.00030	43.5966	250.000
1.4364	5171	43.5966	24.930	37.00	41.250	1102.877	26.934	-5.206	25.665	4.179	7.646	31.496	33.975	5.5316	2.11424	0.00030	43.5969	250.000
1.4367	5172	43.5969	24.930	37.00	41.250	1103.079	26.939	-5.206	25.666	4.179	7.646	31.496	33.975	5.5316	2.11405	0.00030	43.5972	250.000
1.4369	5173	43.5972	24.931	37.00	41.250	1103.281	26.944	-5.206	25.668	4.179	7.645	31.496	33.975	5.5316	2.11386	0.00030	43.5975	250.000
1.4372	5174	43.5975	24.931	37.00	41.250	1103.483	26.949	-5.206	25.669	4.179	7.645	31.496	33.975	5.5316	2.11367	0.00030	43.5978	250.000
1.4375	5175	43.5978	24.931	37.00	41.250	1103.685	26.954	-5.206	25.670	4.179	7.645	31.496	33.975	5.5316	2.11348	0.00030	43.5981	250.000
1.4378	5176	43.5981	24.931	37.00	41.250	1103.887	26.959	-5.206	25.671	4.180	7.645	31.496	33.975	5.5316	2.11328	0.00030	43.5984	250.000
1.4381	5177	43.5984	24.932	37.00	41.250	1104.089	26.964	-5.206	25.672	4.180	7.645	31.496	33.975	5.5316	2.11309	0.00030	43.5987	250.000
1.4383	5178	43.5987	24.932	37.00	41.250	1104.291	26.969	-5.206	25.673	4.180	7.644	31.496	33.975	5.5316	2.11290	0.00030	43.5990	250.000
1.4386	5179	43.5990	24.932	37.00	41.250	1104.493	26.974	-5.206	25.675	4.180	7.644	31.496	33.975	5.5316	2.11271	0.00030	43.5993	250.000
1.4389	5180	43.5993	24.933	37.00	41.250	1104.695	26.979	-5.206	25.676	4.180	7.644	31.496	33.975	5.5316	2.11252	0.00030	43.5996	250.000
1.4392	5181	43.5996	24.933	37.00	41.250	1104.898	26.984	-5.206	25.677	4.181	7.644	31.496	33.975	5.5316	2.11233	0.00030	43.5999	250.000
1.4394	5182	43.5999	24.933	37.00	41.250	1105.100	26.989	-5.206	25.678	4.181	7.644	31.496	33.975	5.5316	2.11214	0.00030	43.6002	250.000
1.4397	5183	43.6002	24.934	37.00	41.250	1105.302	26.994	-5.206	25.679	4.181	7.643	31.496	33.975	5.5316	2.11195	0.00030	43.6005	250.000
1.4400	5184	43.6005	24.934	37.00	41.250	1105.504	26.999	-5.206	25.680	4.181	7.643	31.496	33.975	5.5316	2.11175	0.00030	43.6008	250.000
1.4403	5185	43.6008	24.934	37.00	41.250	1105.706	27.004	-5.206	25.682	4.181	7.643	31.496	33.975	5.5316	2.11156	0.00030	43.6011	250.000
1.4406	5186	43.6011	24.935	37.00	41.250	1105.908	27.008	-5.206	25.683	4.182	7.643	31.496	33.975	5.5316	2.11137	0.00030	43.6014	250.000
1.4408	5187	43.6014	24.935	37.00	41.250	1106.110	27.013	-5.206	25.684	4.182	7.643	31.496	33.975	5.5316	2.11118	0.00030	43.6017	250.000
1.4411	5188	43.6017	24.935	37.00	41.250	1106.312	27.018	-5.206	25.685	4.182	7.643	31.496	33.975	5.5316	2.11099	0.00030	43.6020	250.000
1.4414	5189	43.6020	24.935	37.00	41.250	1106.514	27.023	-5.206	25.686	4.182	7.642	31.496	33.975	5.5316	2.11080	0.00030	43.6023	250.000
1.4417	5190	43.6023	24.936	37.00	41.250	1106.716	27.028	-5.206	25.687	4.182	7.642	31.496	33.975	5.5316	2.11061	0.00030	43.6026	250.000
1.4419	5191	43.6026	24.936	37.00	41.250	1106.918	27.033	-5.206	25.689	4.182	7.642	31.496	33.975	5.5316	2.11042	0.00030	43.6029	250.000
1.4422	5192	43.6029	24.936	37.00	41.250	1107.120	27.038	-5.206	25.690	4.183	7.642	31.496	33.975	5.5316	2.11023	0.00030	43.6032	250.000
1.4425	5193	43.6032	24.937	37.00	41.250	1107.322	27.043	-5.206	25.691	4.183	7.642	31.496	33.975	5.5316	2.11004	0.00030	43.6035	250.000
1.4428	5194	43.6035	24.937	37.00	41.250	1107.524	27.048	-5.206	25.692	4.183	7.641	31.496	33.975	5.5316	2.10984	0.00030	43.6038	250.000
1.4431	5195	43.6038	24.937	37.00	41.250	1107.726	27.053	-5.206	25.693	4.183	7.641	31.496	33.975	5.5316	2.10965	0.00030	43.6041	250.000
1.4433	5196	43.6041	24.938	37.00	41.250	1107.928	27.058	-5.206	25.695	4.183	7.641	31.496	33.975	5.5316	2.10946	0.00030	43.6044	250.000
1.4436	5197	43.6044	24.938	37.00	41.250	1108.130	27.063	-5.206	25.696	4.184	7.641	31.496	33.975	5.5316	2.10927	0.00030	43.6047	250.000
1.4439	5198	43.6047	24.938	37.00	41.250	1108.332	27.068	-5.206	25.697	4.184	7.641	31.496	33.975	5.5316	2.10908	0.00030	43.6050	250.000
1.4442	5199	43.6050	24.938	37.00	41.250	1108.534	27.073	-5.206	25.698	4.184	7.640	31.496	33.975	5.5316	2.10889	0.00030	43.6053	250.000
1.4444	5200	43.6053	24.939	37.00	41.250	1108.736	27.078	-5.206	25.699	4.184	7.640	31.496	33.975	5.5316	2.10870	0.00030	43.6056	250.000
1.4447	5201	43.6056	24.939	37.00	41.250	1108.938	27.082	-5.206	25.700	4.184	7.640	31.496	33.975	5.5316	2.10851	0.00030	43.6059	250.000
1.4450	5202	43.6059	24.939	37.00	41.250	1109.140	27.087	-5.206	25.702	4.185	7.640	31.496	33.975	5.5316	2.10832	0.00030	43.6062	250.000
1.4453	5203	43.6062	24.940	37.00	41.250	1109.342	27.092	-5.206	25.703	4.185	7.640	31.496	33.975	5.5316	2.10813	0.00030	43.6065	250.000
1.4456	5204	43.6065	24.940	37.00	41.250	1109.544	27.097	-5.206	25.704	4.185	7.639	31.496	33.975	5.5316	2.10794	0.00030	43.6068	250.000
1.4458	5205	43.6068	24.940	37.00	41.250	1109.746	27.102	-5.206	25.705	4.185	7.639	31.496	33.975	5.5316	2.10774	0.00030	43.6071	250.000
1.4461	5206	43.6071	24.941	37.00	41.250	1109.948	27.107	-5.206	25.706	4.185	7.639	31.496	33.975	5.5316	2.10755	0.00030	43.6074	250.000
1.4464	5207	43.6074	24.941	37.00	41.250	1110.150	27.112	-5.206	25.707	4.186	7.639	31.496	33.975	5.5316	2.10736	0.00030	43.6078	250.000
1.4467	5208	43.6078	24.941	37.00	41.250	1110.352	27.117	-5.206	25.709	4.186	7.639	31.496	33.975	5.5316	2.10717	0.00030	43.6081	250.000
1.4469	5209	43.6081	24.941	37.00	41.250	1110.554	27.122	-5.206	25.710	4.186	7.639	31.496	33.975	5.5316	2.10698	0.00030	43.6084	250.000
1.4472	5210	43.6084	24.942	37.00	41.250	1110.756	27.127	-5.206	25.711	4.186	7.638	31.496	33.975	5.5316	2.10679	0.00030	43.6087	250.000
1.4475	5211	43.6087	24.942	37.00	41.250	1110.958	27.132	-5.206	25.712	4.186	7.638	31.496	33.975	5.5316	2.10660	0.00030	43.6090	250.000
1.4478	5212	43.6090	24.942	37.00	41.250	1111.160	27.137	-5.206	25.713	4.186	7.638	31.496	33.975	5.5316	2.10641	0.00030	43.6093	250.000
1.4481	5213	43.6093	24.943	37.00	41.250	1111.362	27.142	-5.206	25.714	4.187	7.638	31.496	33.975	5.5316	2.10622	0.00030	43.6096	250.000
1.4483	5214	43.6096	24.943	37.00	41.250	1111.564	27.147	-5.206	25.716	4.187	7.638	31.496	33.975	5.5316	2.10603	0.00030	43.6099	250.000
1.4486	5215	43.6099	24.943	37.00	41.250	1111.767	27.152	-5.206	25.717	4.187	7.637	31.496	33.975	5.5316	2.10584	0.00030	43.6102	250.000
1.4489	5216	43.6102	24.944	37.00	41.250	1111.969	27.157	-5.206	25.718	4.187	7.637	31.496	33.975	5.5316	2.10565	0.00030	43.6105	250.000
1.4492	5217	43.6105	24.944	37.00	41.250	1112.171	27.161	-5.206	25.719	4.187	7.637	31.496	33.975	5.5316	2.10546	0.00030	43.6108	250.000
1.4494	5218	43.6108	24.944	37.00	41.250	1112.373	27.166	-5.206	25.720	4.188	7.637	31.496	33.975	5.5316	2.10527	0.00030	43.6111	250.000
1.4497	5219	43.6111	24.944	37.00	41.250	1112.575	27.171	-5.206	25.721	4.188	7.637	31.496	33.975	5.5316	2.10508	0.00030	43.6114	250.000
1.4500	5220	43.6114	24.945	37.00	41.250	1112.777	27.176	-5.206	25.723	4.188	7.636	31.496	33.975	5.5316	2.10489	0.00030	43.6117	250.000
1.4503	5221	43.6117	24.945	37.00	41.250	1112.979	27.181	-5.206	25.724	4.188	7.636	31.496	33.975	5.5316	2.10470	0.00030	43.6120	250.000
1.4506	5222	43.6120	24.945	37.00	41.250	1113.181	27.186	-5.206	25.725	4.188	7.636	31.496	33.975	5.5316	2.10450	0.00030	43.6123	250.000
1.4508	5223	43.6123	24.946	37.00	41.250	1113.383	27.191	-5.206	25.726	4.189	7.636	31.496	33.975	5.5316	2.10431	0.00030	43.6126	250.000
1.4511	5224	43.6126	24.946	37.00	41.250	1113.585	27.196	-5.206	25.727	4.189	7.636	31.496	33.975	5.5316	2.10412	0.00030	43.6129	250.000
1.4514	5225	43.6129	24.946	37.00	41.250	1113.787	27.201	-5.206	25.728	4.189	7.635	31.496	33.975	5.5316	2.10393	0.00030	43.6132	250.000
1.4517	5226	43.6132	24.947	37.00	41.250	1113.989	27.206	-5.206	25.730	4.189	7.635	31.496	33.975	5.5316	2.10374	0.00030	43.6135	250.000
1.4519	5227	43.6135	24.947	37.00	41.250	1114.191	27.211	-5.206	25.731	4.189	7.635	31.496	33.975	5.5316	2.10355	0.00030	43.6138	250.000
1.4522	5228	43.6138	24.947	37.00	41.250	1114.393	27.216	-5.206	25.732	4.190	7.635	31.496	33.975	5.5316	2.10336	0.00030	43.6141	250.000
1.4525	5229	43.6141	24.947	37.00	41.250	1114.595	27.221	-5.206	25.733	4.190	7.635	31.496	33.975	5.5316	2.10317	0.00030	43.6144	250.000
1.4528	5230	43.6144	24.948	37.00	41.250	1114.797	27.226	-5.206	25.734	4.190	7.635	31.496	33.975	5.5316	2.10298	0.00030	43.6147	250.000

1.4531	5231	43.6147	24.948	37.00	41.250	1114.999	27.231	-5.206	25.736	4.190	7.634	31.496	33.975	5.5316	2.10279	0.00030	43.6150	250.000
1.4533	5232	43.6150	24.948	37.00	41.250	1115.201	27.235	-5.206	25.737	4.190	7.634	31.496	33.975	5.5316	2.10260	0.00030	43.6153	250.000
1.4536	5233	43.6153	24.949	37.00	41.250	1115.403	27.240	-5.206	25.738	4.190	7.634	31.496	33.975	5.5316	2.10241	0.00030	43.6156	250.000
1.4539	5234	43.6156	24.949	37.00	41.250	1115.605	27.245	-5.206	25.739	4.191	7.634	31.496	33.975	5.5316	2.10222	0.00030	43.6159	250.000
1.4542	5235	43.6159	24.949	37.00	41.250	1115.807	27.250	-5.206	25.740	4.191	7.634	31.496	33.975	5.5316	2.10203	0.00030	43.6162	250.000
1.4544	5236	43.6162	24.950	37.00	41.250	1116.009	27.255	-5.206	25.741	4.191	7.633	31.496	33.975	5.5316	2.10184	0.00030	43.6165	250.000
1.4547	5237	43.6165	24.950	37.00	41.250	1116.211	27.260	-5.206	25.743	4.191	7.633	31.496	33.975	5.5316	2.10165	0.00030	43.6168	250.000
1.4550	5238	43.6168	24.950	37.00	41.250	1116.413	27.265	-5.206	25.744	4.191	7.633	31.496	33.975	5.5316	2.10146	0.00030	43.6171	250.000
1.4553	5239	43.6171	24.950	37.00	41.250	1116.615	27.270	-5.206	25.745	4.192	7.633	31.496	33.975	5.5316	2.10127	0.00030	43.6174	250.000
1.4556	5240	43.6174	24.951	37.00	41.250	1116.817	27.275	-5.206	25.746	4.192	7.633	31.496	33.975	5.5316	2.10108	0.00030	43.6177	250.000
1.4558	5241	43.6177	24.951	37.00	41.250	1117.019	27.280	-5.206	25.747	4.192	7.632	31.496	33.975	5.5316	2.10089	0.00030	43.6180	250.000
1.4561	5242	43.6180	24.951	37.00	41.250	1117.221	27.285	-5.206	25.748	4.192	7.632	31.496	33.975	5.5316	2.10070	0.00030	43.6183	250.000
1.4564	5243	43.6183	24.952	37.00	41.250	1117.423	27.290	-5.206	25.750	4.192	7.632	31.496	33.975	5.5316	2.10051	0.00030	43.6186	250.000
1.4567	5244	43.6186	24.952	37.00	41.250	1117.625	27.295	-5.206	25.751	4.193	7.632	31.496	33.975	5.5316	2.10032	0.00030	43.6189	250.000
1.4569	5245	43.6189	24.952	37.00	41.250	1117.827	27.300	-5.206	25.752	4.193	7.632	31.496	33.975	5.5316	2.10013	0.00030	43.6192	250.000
1.4572	5246	43.6192	24.953	37.00	41.250	1118.029	27.305	-5.206	25.753	4.193	7.631	31.496	33.975	5.5316	2.09994	0.00030	43.6195	250.000
1.4575	5247	43.6195	24.953	37.00	41.250	1118.231	27.309	-5.206	25.754	4.193	7.631	31.496	33.975	5.5316	2.09975	0.00030	43.6198	250.000
1.4578	5248	43.6198	24.953	37.00	41.250	1118.434	27.314	-5.206	25.755	4.193	7.631	31.496	33.975	5.5316	2.09956	0.00030	43.6201	250.000
1.4581	5249	43.6201	24.953	37.00	41.250	1118.636	27.319	-5.206	25.757	4.194	7.631	31.496	33.975	5.5316	2.09937	0.00030	43.6204	250.000
1.4583	5250	43.6204	24.954	37.00	41.250	1118.838	27.324	-5.206	25.758	4.194	7.631	31.496	33.975	5.5316	2.09918	0.00030	43.6207	250.000
1.4586	5251	43.6207	24.954	37.00	41.250	1119.040	27.329	-5.206	25.759	4.194	7.631	31.496	33.975	5.5316	2.09899	0.00030	43.6210	250.000
1.4589	5252	43.6210	24.954	37.00	41.250	1119.242	27.334	-5.206	25.760	4.194	7.630	31.496	33.975	5.5316	2.09880	0.00030	43.6213	250.000
1.4592	5253	43.6213	24.955	37.00	41.250	1119.444	27.339	-5.206	25.761	4.194	7.630	31.496	33.975	5.5316	2.09861	0.00030	43.6216	250.000
1.4594	5254	43.6216	24.955	37.00	41.250	1119.646	27.344	-5.206	25.762	4.194	7.630	31.496	33.975	5.5316	2.09842	0.00030	43.6219	250.000
1.4597	5255	43.6219	24.955	37.00	41.250	1119.848	27.349	-5.206	25.764	4.195	7.630	31.496	33.975	5.5316	2.09823	0.00030	43.6222	250.000
1.4600	5256	43.6222	24.956	37.00	41.250	1120.050	27.354	-5.206	25.765	4.195	7.630	31.496	33.975	5.5316	2.09804	0.00030	43.6225	250.000
1.4603	5257	43.6225	24.956	37.00	41.250	1120.252	27.359	-5.206	25.766	4.195	7.629	31.496	33.975	5.5316	2.09785	0.00030	43.6228	250.000
1.4606	5258	43.6228	24.956	37.00	41.250	1120.454	27.364	-5.206	25.767	4.195	7.629	31.496	33.975	5.5316	2.09766	0.00030	43.6231	250.000
1.4608	5259	43.6231	24.956	37.00	41.250	1120.656	27.369	-5.206	25.768	4.195	7.629	31.496	33.975	5.5316	2.09747	0.00030	43.6234	250.000
1.4611	5260	43.6234	24.957	37.00	41.250	1120.858	27.374	-5.206	25.769	4.196	7.629	31.496	33.975	5.5316	2.09728	0.00030	43.6237	250.000
1.4614	5261	43.6237	24.957	37.00	41.250	1121.060	27.379	-5.206	25.771	4.196	7.629	31.496	33.975	5.5316	2.09709	0.00030	43.6240	250.000
1.4617	5262	43.6240	24.957	37.00	41.250	1121.262	27.383	-5.206	25.772	4.196	7.628	31.496	33.975	5.5316	2.09690	0.00030	43.6243	250.000
1.4619	5263	43.6243	24.958	37.00	41.250	1121.464	27.388	-5.206	25.773	4.196	7.628	31.496	33.975	5.5316	2.09671	0.00030	43.6246	250.000
1.4622	5264	43.6246	24.958	37.00	41.250	1121.666	27.393	-5.206	25.774	4.196	7.628	31.496	33.975	5.5316	2.09652	0.00030	43.6249	250.000
1.4625	5265	43.6249	24.958	37.00	41.250	1121.868	27.398	-5.206	25.775	4.197	7.628	31.496	33.975	5.5316	2.09633	0.00030	43.6252	250.000
1.4628	5266	43.6252	24.959	37.00	41.250	1122.070	27.403	-5.206	25.776	4.197	7.628	31.496	33.975	5.5316	2.09614	0.00030	43.6255	250.000
1.4631	5267	43.6255	24.959	37.00	41.250	1122.272	27.408	-5.206	25.778	4.197	7.628	31.496	33.975	5.5316	2.09595	0.00030	43.6258	250.000
1.4633	5268	43.6258	24.959	37.00	41.250	1122.474	27.413	-5.206	25.779	4.197	7.627	31.496	33.975	5.5316	2.09576	0.00030	43.6261	250.000
1.4636	5269	43.6261	24.959	37.00	41.250	1122.676	27.418	-5.206	25.780	4.197	7.627	31.496	33.975	5.5316	2.09557	0.00030	43.6264	250.000
1.4639	5270	43.6264	24.960	37.00	41.250	1122.878	27.423	-5.206	25.781	4.197	7.627	31.496	33.975	5.5316	2.09538	0.00030	43.6267	250.000
1.4642	5271	43.6267	24.960	37.00	41.250	1123.080	27.428	-5.206	25.782	4.198	7.627	31.496	33.975	5.5316	2.09519	0.00030	43.6270	250.000
1.4644	5272	43.6270	24.960	37.00	41.250	1123.282	27.433	-5.206	25.783	4.198	7.627	31.496	33.975	5.5316	2.09500	0.00030	43.6273	250.000
1.4647	5273	43.6273	24.961	37.00	41.250	1123.484	27.438	-5.206	25.784	4.198	7.626	31.496	33.975	5.5316	2.09481	0.00030	43.6276	250.000
1.4650	5274	43.6276	24.961	37.00	41.250	1123.686	27.443	-5.206	25.786	4.198	7.626	31.496	33.975	5.5316	2.09462	0.00030	43.6279	250.000
1.4653	5275	43.6279	24.961	37.00	41.250	1123.888	27.448	-5.206	25.787	4.198	7.626	31.496	33.975	5.5316	2.09443	0.00030	43.6282	250.000
1.4656	5276	43.6282	24.962	37.00	41.250	1124.090	27.453	-5.206	25.788	4.199	7.626	31.496	33.975	5.5316	2.09425	0.00030	43.6285	250.000
1.4658	5277	43.6285	24.962	37.00	41.250	1124.292	27.457	-5.206	25.789	4.199	7.626	31.496	33.975	5.5316	2.09406	0.00030	43.6288	250.000
1.4661	5278	43.6288	24.962	37.00	41.250	1124.494	27.462	-5.206	25.790	4.199	7.625	31.496	33.975	5.5316	2.09387	0.00030	43.6291	250.000
1.4664	5279	43.6291	24.962	37.00	41.250	1124.696	27.467	-5.206	25.791	4.199	7.625	31.496	33.975	5.5316	2.09368	0.00030	43.6294	250.000
1.4667	5280	43.6294	24.963	37.00	41.250	1124.898	27.472	-5.206	25.793	4.199	7.625	31.496	33.975	5.5316	2.09349	0.00030	43.6297	250.000
1.4669	5281	43.6297	24.963	37.00	41.250	1125.101	27.477	-5.206	25.794	4.200	7.625	31.496	33.975	5.5316	2.09330	0.00030	43.6300	250.000
1.4672	5282	43.6300	24.963	37.00	41.250	1125.303	27.482	-5.206	25.795	4.200	7.625	31.496	33.975	5.5316	2.09311	0.00030	43.6303	250.000
1.4675	5283	43.6303	24.964	37.00	41.250	1125.505	27.487	-5.206	25.796	4.200	7.624	31.496	33.975	5.5316	2.09292	0.00030	43.6306	250.000
1.4678	5284	43.6306	24.964	37.00	41.250	1125.707	27.492	-5.206	25.797	4.200	7.624	31.496	33.975	5.5316	2.09273	0.00030	43.6309	250.000
1.4681	5285	43.6309	24.964	37.00	41.250	1125.909	27.497	-5.206	25.798	4.200	7.624	31.496	33.975	5.5316	2.09254	0.00030	43.6311	250.000
1.4683	5286	43.6311	24.965	37.00	41.250	1126.111	27.502	-5.206	25.800	4.201	7.624	31.496	33.975	5.5316	2.09235	0.00030	43.6314	250.000
1.4686	5287	43.6314	24.965	37.00	41.250	1126.313	27.507	-5.206	25.801	4.201	7.624	31.496	33.975	5.5316	2.09216	0.00030	43.6317	250.000
1.4689	5288	43.6317	24.965	37.00	41.250	1126.515	27.512	-5.206	25.802	4.201	7.624	31.496	33.975	5.5316	2.09197	0.00030	43.6320	250.000
1.4692	5289	43.6320	24.965	37.00	41.250	1126.717	27.517	-5.206	25.803	4.201	7.623	31.496	33.975	5.5316	2.09178	0.00030	43.6323	250.000
1.4694	5290	43.6323	24.966	37.00	41.250	1126.919	27.522	-5.206	25.804	4.201	7.623	31.496	33.975	5.5316	2.09159	0.00030	43.6326	250.000
1.4697	5291	43.6326	24.966	37.00	41.250	1127.121	27.527	-5.206	25.805	4.201	7.623	31.496	33.975	5.5316	2.09140	0.00030	43.6329	250.000
1.4700	5292	43.6329	24.966	37.00	41.250	1127.323	27.531	-5.206	25.807	4.202	7.623	31.496	33.975	5.5316	2.09122	0.00030	43.6332	250.000
1.4703	5293	43.6332	24.967	37.00	41.250	1127.525	27.536	-5.206	25.808	4.202	7.623	31.496	33.975	5.5316	2.09103	0.00030	43.6335	250.000
1.4706	5294	43.6335	24.967	37.00	41.250	1127.727	27.541	-5.206	25.809	4.202	7.622	31.496	33.975	5.5316	2.09084	0.00030	43.6338	250.000
1.4708	5295	43.6338	24.967	37.00	41.250	1127.929	27.546	-5.206	25.810	4.202	7.622	31.496	33.975	5.5316	2.09065	0.00030	43.6341	250.000
1.4711	5296	43.6341	24.968	37.00	41.250	1128.131	27.551	-5.206	25.811	4.202	7.622	31.496	33.975	5.5316	2.09046	0.00030	43.6344	250.000
1.4714	5297	43.6344	24.968	37.00	41.250	1128.333	27.556	-5.206	25.812	4.203	7.622	31.496	33.975	5.5316	2.09027	0.00030	43.6347	250.000
1.4717	5298	43.6347	24.968	37.00	41.250	1128.535	27.561	-5.206	25.814	4.203	7.622	31.496	33.975	5.5316	2.09008	0.00030	43.6350	250.000
1.4719	5299	43.6350	24.968	37.00	41.250	1128.737	27.566	-5.206	25.815	4.203	7.621	31.496	33.975	5.5316	2.08989	0.00030	43.6353	250.000
1.4722	5300	43.6353	24.969	37.00	41.250	1128.939	27.571	-5.206	25.816	4.203	7.621	31.496	33.975	5.5316	2.08970	0.00030	43.6356	250.000
1.4725	5301	43.6356	24.969	37.00	41.250	1129.141	27.576	-5.206	25.817	4.203	7.621	31.496	33.975	5.5316	2.08951	0.00030	43.6359	250.000
1.4728	5302	43.6359	24.969	37.00	41.250	1129.343	27.581	-5.206	25.818	4.204	7.621	31.496	33.975	5.5316	2.08932	0.00030	43.6362	250.000
1.4731	5303	43.6362	24.970	37.00	41.250	1129.545	27.586	-5.206	25.819	4.204	7.621	31.496	33.975	5.5316	2.08913	0.00030	43.6365	250.000
1.4733	5304	43.6365	24.970	37.00	41.250	1129.747	27.591	-5.206	25.821	4.204	7.620	31.496	33.975	5.5316	2.08895	0.00030	43.6368	250.000
1.4736	5305	43.6368	24.970	37.00	41.250	1129.949	27.596	-5.206	25.822	4.204	7.620	31.496	33.975	5.5316	2.08876	0.00030	43.6371	250.000
1.4739	5306	43.6371	24.971	37.00	41.250	1130.151	27.601	-5.206	25.823	4.204	7.620	31.496	33.975	5.5316	2.08857	0.00030	43.6374	250.000
1.4742	5307	43.6374	24.971	37.00	41.250	1130.353	27.605	-5.206	25.824	4.204	7.620	31.496	33.975	5.5316	2.08838	0.00030	43.6377	250.000
1.4744	5308	43.6377	24.971	37.00	41.250	1130.555	27.610	-5.206	25.825	4.205	7.620	31.496	33.975	5.5316	2.08819	0.00030	43.6380	250.000
1.4747	5309	43.6380	24.971	37.00	41.250	1130.757	27.615	-5.206	25.826	4.205	7.620	31.496	33.975	5.5316	2.08800	0.00030	43.6383	250.000
1.4750	5310	43.6383	24.972	37.00	41.250	1130.959	27.620	-5.206	25.828	4.205	7.619	31.496	33.975	5.5316	2.08781	0.00030	43.6386	250.000
1.4753	5311	43.6386	24.972	37.00	41.250	1131.161	27.625	-5.206	25.829	4.205	7.619	31.496	33.975	5.5316	2.08762	0.00030	43.6389	250.000

1.4756	5312	43.6389	24.972	37.00	41.250	1131.363	27.630	-5.206	25.830	4.205	7.619	31.496	33.975	5.5316	2.08743	0.00030	43.6392	250.000
1.4758	5313	43.6392	24.973	37.00	41.250	1131.565	27.635	-5.206	25.831	4.206	7.619	31.496	33.975	5.5316	2.08724	0.00030	43.6395	250.000
1.4761	5314	43.6395	24.973	37.00	41.250	1131.767	27.640	-5.206	25.832	4.206	7.619	31.496	33.975	5.5316	2.08706	0.00030	43.6398	250.000
1.4764	5315	43.6398	24.973	37.00	41.250	1131.970	27.645	-5.206	25.833	4.206	7.618	31.496	33.975	5.5316	2.08687	0.00030	43.6401	250.000
1.4767	5316	43.6401	24.973	37.00	41.250	1132.172	27.650	-5.206	25.834	4.206	7.618	31.496	33.975	5.5316	2.08668	0.00030	43.6404	250.000
1.4769	5317	43.6404	24.974	37.00	41.250	1132.374	27.655	-5.206	25.836	4.206	7.618	31.496	33.975	5.5316	2.08649	0.00030	43.6407	250.000
1.4772	5318	43.6407	24.974	37.00	41.250	1132.576	27.660	-5.206	25.837	4.207	7.618	31.496	33.975	5.5316	2.08630	0.00030	43.6410	250.000
1.4775	5319	43.6410	24.974	37.00	41.250	1132.778	27.665	-5.206	25.838	4.207	7.618	31.496	33.975	5.5316	2.08611	0.00030	43.6413	250.000
1.4778	5320	43.6413	24.975	37.00	41.250	1132.980	27.670	-5.206	25.839	4.207	7.617	31.496	33.975	5.5316	2.08592	0.00030	43.6416	250.000
1.4781	5321	43.6416	24.975	37.00	41.250	1133.182	27.675	-5.206	25.840	4.207	7.617	31.496	33.975	5.5316	2.08573	0.00030	43.6419	250.000
1.4783	5322	43.6419	24.975	37.00	41.250	1133.384	27.680	-5.206	25.841	4.207	7.617	31.496	33.975	5.5316	2.08555	0.00030	43.6422	250.000
1.4786	5323	43.6422	24.976	37.00	41.250	1133.586	27.684	-5.206	25.843	4.208	7.617	31.496	33.975	5.5316	2.08536	0.00030	43.6425	250.000
1.4789	5324	43.6425	24.976	37.00	41.250	1133.788	27.689	-5.206	25.844	4.208	7.617	31.496	33.975	5.5316	2.08517	0.00030	43.6428	250.000
1.4792	5325	43.6428	24.976	37.00	41.250	1133.990	27.694	-5.206	25.845	4.208	7.617	31.496	33.975	5.5316	2.08498	0.00030	43.6431	250.000
1.4794	5326	43.6431	24.976	37.00	41.250	1134.192	27.699	-5.206	25.846	4.208	7.616	31.496	33.975	5.5316	2.08479	0.00030	43.6434	250.000
1.4797	5327	43.6434	24.977	37.00	41.250	1134.394	27.704	-5.206	25.847	4.208	7.616	31.496	33.975	5.5316	2.08460	0.00030	43.6437	250.000
1.4800	5328	43.6437	24.977	37.00	41.250	1134.596	27.709	-5.206	25.848	4.208	7.616	31.496	33.975	5.5316	2.08441	0.00030	43.6440	250.000
1.4803	5329	43.6440	24.977	37.00	41.250	1134.798	27.714	-5.206	25.850	4.209	7.616	31.496	33.975	5.5316	2.08422	0.00030	43.6443	250.000
1.4806	5330	43.6443	24.978	37.00	41.250	1135.000	27.719	-5.206	25.851	4.209	7.616	31.496	33.975	5.5316	2.08404	0.00030	43.6446	250.000
1.4808	5331	43.6446	24.978	37.00	41.250	1135.202	27.724	-5.206	25.852	4.209	7.615	31.496	33.975	5.5316	2.08385	0.00030	43.6449	250.000
1.4811	5332	43.6449	24.978	37.00	41.250	1135.404	27.729	-5.206	25.853	4.209	7.615	31.496	33.975	5.5316	2.08366	0.00030	43.6452	250.000
1.4814	5333	43.6452	24.979	37.00	41.250	1135.606	27.734	-5.206	25.854	4.209	7.615	31.496	33.975	5.5316	2.08347	0.00030	43.6455	250.000
1.4817	5334	43.6455	24.979	37.00	41.250	1135.808	27.739	-5.206	25.855	4.210	7.615	31.496	33.975	5.5316	2.08328	0.00030	43.6458	250.000
1.4819	5335	43.6458	24.979	37.00	41.250	1136.010	27.744	-5.206	25.856	4.210	7.615	31.496	33.975	5.5316	2.08309	0.00030	43.6461	250.000
1.4822	5336	43.6461	24.979	37.00	41.250	1136.212	27.749	-5.206	25.858	4.210	7.614	31.496	33.975	5.5316	2.08290	0.00030	43.6464	250.000
1.4825	5337	43.6464	24.980	37.00	41.250	1136.414	27.754	-5.206	25.859	4.210	7.614	31.496	33.975	5.5316	2.08272	0.00030	43.6467	250.000
1.4828	5338	43.6467	24.980	37.00	41.250	1136.616	27.758	-5.206	25.860	4.210	7.614	31.496	33.975	5.5316	2.08253	0.00030	43.6470	250.000
1.4831	5339	43.6470	24.980	37.00	41.250	1136.818	27.763	-5.206	25.861	4.211	7.614	31.496	33.975	5.5316	2.08234	0.00030	43.6473	250.000
1.4833	5340	43.6473	24.981	37.00	41.250	1137.020	27.768	-5.206	25.862	4.211	7.614	31.496	33.975	5.5316	2.08215	0.00030	43.6475	250.000
1.4836	5341	43.6475	24.981	37.00	41.250	1137.222	27.773	-5.206	25.863	4.211	7.614	31.496	33.975	5.5316	2.08196	0.00030	43.6478	250.000
1.4839	5342	43.6478	24.981	37.00	41.250	1137.424	27.778	-5.206	25.865	4.211	7.613	31.496	33.975	5.5316	2.08177	0.00030	43.6481	250.000
1.4842	5343	43.6481	24.982	37.00	41.250	1137.626	27.783	-5.206	25.866	4.211	7.613	31.496	33.975	5.5316	2.08159	0.00030	43.6484	250.000
1.4844	5344	43.6484	24.982	37.00	41.250	1137.828	27.788	-5.206	25.867	4.211	7.613	31.496	33.975	5.5316	2.08140	0.00030	43.6487	250.000
1.4847	5345	43.6487	24.982	37.00	41.250	1138.030	27.793	-5.206	25.868	4.212	7.613	31.496	33.975	5.5316	2.08121	0.00030	43.6490	250.000
1.4850	5346	43.6490	24.982	37.00	41.250	1138.232	27.798	-5.206	25.869	4.212	7.613	31.496	33.975	5.5316	2.08102	0.00030	43.6493	250.000
1.4853	5347	43.6493	24.983	37.00	41.250	1138.434	27.803	-5.206	25.870	4.212	7.612	31.496	33.975	5.5316	2.08083	0.00030	43.6496	250.000
1.4856	5348	43.6496	24.983	37.00	41.250	1138.637	27.808	-5.206	25.872	4.212	7.612	31.496	33.975	5.5316	2.08064	0.00030	43.6499	250.000
1.4858	5349	43.6499	24.983	37.00	41.250	1138.839	27.813	-5.206	25.873	4.212	7.612	31.496	33.975	5.5316	2.08046	0.00030	43.6502	250.000
1.4861	5350	43.6502	24.984	37.00	41.250	1139.041	27.818	-5.206	25.874	4.213	7.612	31.496	33.975	5.5316	2.08027	0.00030	43.6505	250.000
1.4864	5351	43.6505	24.984	37.00	41.250	1139.243	27.823	-5.206	25.875	4.213	7.612	31.496	33.975	5.5316	2.08008	0.00030	43.6508	250.000
1.4867	5352	43.6508	24.984	37.00	41.250	1139.445	27.828	-5.206	25.876	4.213	7.611	31.496	33.975	5.5316	2.07989	0.00030	43.6511	250.000
1.4869	5353	43.6511	24.985	37.00	41.250	1139.647	27.832	-5.206	25.877	4.213	7.611	31.496	33.975	5.5316	2.07970	0.00030	43.6514	250.000
1.4872	5354	43.6514	24.985	37.00	41.250	1139.849	27.837	-5.206	25.878	4.213	7.611	31.496	33.975	5.5316	2.07951	0.00030	43.6517	250.000
1.4875	5355	43.6517	24.985	37.00	41.250	1140.051	27.842	-5.206	25.880	4.214	7.611	31.496	33.975	5.5316	2.07933	0.00030	43.6520	250.000
1.4878	5356	43.6520	24.985	37.00	41.250	1140.253	27.847	-5.206	25.881	4.214	7.611	31.496	33.975	5.5316	2.07914	0.00030	43.6523	250.000
1.4881	5357	43.6523	24.986	37.00	41.250	1140.455	27.852	-5.206	25.882	4.214	7.611	31.496	33.975	5.5316	2.07895	0.00030	43.6526	250.000
1.4883	5358	43.6526	24.986	37.00	41.250	1140.657	27.857	-5.206	25.883	4.214	7.610	31.496	33.975	5.5316	2.07876	0.00030	43.6529	250.000
1.4886	5359	43.6529	24.986	37.00	41.250	1140.859	27.862	-5.206	25.884	4.214	7.610	31.496	33.975	5.5316	2.07857	0.00030	43.6532	250.000
1.4889	5360	43.6532	24.987	37.00	41.250	1141.061	27.867	-5.206	25.885	4.214	7.610	31.496	33.975	5.5316	2.07839	0.00030	43.6535	250.000
1.4892	5361	43.6535	24.987	37.00	41.250	1141.263	27.872	-5.206	25.887	4.215	7.610	31.496	33.975	5.5316	2.07820	0.00030	43.6538	250.000
1.4894	5362	43.6538	24.987	37.00	41.250	1141.465	27.877	-5.206	25.888	4.215	7.610	31.496	33.975	5.5316	2.07801	0.00030	43.6541	250.000
1.4897	5363	43.6541	24.987	37.00	41.250	1141.667	27.882	-5.206	25.889	4.215	7.609	31.496	33.975	5.5316	2.07782	0.00030	43.6544	250.000
1.4900	5364	43.6544	24.988	37.00	41.250	1141.869	27.887	-5.206	25.890	4.215	7.609	31.496	33.975	5.5316	2.07763	0.00030	43.6547	250.000
1.4903	5365	43.6547	24.988	37.00	41.250	1142.071	27.892	-5.206	25.891	4.215	7.609	31.496	33.975	5.5316	2.07745	0.00030	43.6550	250.000
1.4906	5366	43.6550	24.988	37.00	41.250	1142.273	27.897	-5.206	25.892	4.216	7.609	31.496	33.975	5.5316	2.07726	0.00030	43.6553	250.000
1.4908	5367	43.6553	24.989	37.00	41.250	1142.475	27.902	-5.206	25.893	4.216	7.609	31.496	33.975	5.5316	2.07707	0.00030	43.6556	250.000
1.4911	5368	43.6556	24.989	37.00	41.250	1142.677	27.906	-5.206	25.895	4.216	7.608	31.496	33.975	5.5316	2.07688	0.00030	43.6559	250.000
1.4914	5369	43.6559	24.989	37.00	41.250	1142.879	27.911	-5.206	25.896	4.216	7.608	31.496	33.975	5.5316	2.07669	0.00030	43.6562	250.000
1.4917	5370	43.6562	24.990	37.00	41.250	1143.081	27.916	-5.206	25.897	4.216	7.608	31.496	33.975	5.5316	2.07651	0.00030	43.6565	250.000
1.4919	5371	43.6565	24.990	37.00	41.250	1143.283	27.921	-5.206	25.898	4.217	7.608	31.496	33.975	5.5316	2.07632	0.00030	43.6568	250.000
1.4922	5372	43.6568	24.990	37.00	41.250	1143.485	27.926	-5.206	25.899	4.217	7.608	31.496	33.975	5.5316	2.07613	0.00030	43.6571	250.000
1.4925	5373	43.6571	24.990	37.00	41.250	1143.687	27.931	-5.206	25.900	4.217	7.607	31.496	33.975	5.5316	2.07594	0.00030	43.6573	250.000
1.4928	5374	43.6573	24.991	37.00	41.250	1143.889	27.936	-5.206	25.902	4.217	7.607	31.496	33.975	5.5316	2.07575	0.00030	43.6576	250.000
1.4931	5375	43.6576	24.991	37.00	41.250	1144.091	27.941	-5.206	25.903	4.217	7.607	31.496	33.975	5.5316	2.07557	0.00030	43.6579	250.000
1.4933	5376	43.6579	24.991	37.00	41.250	1144.293	27.946	-5.206	25.904	4.217	7.607	31.496	33.975	5.5316	2.07538	0.00030	43.6582	250.000
1.4936	5377	43.6582	24.992	37.00	41.250	1144.495	27.951	-5.206	25.905	4.218	7.607	31.496	33.975	5.5316	2.07519	0.00030	43.6585	250.000
1.4939	5378	43.6585	24.992	37.00	41.250	1144.697	27.956	-5.206	25.906	4.218	7.607	31.496	33.975	5.5316	2.07500	0.00030	43.6588	250.000
1.4942	5379	43.6588	24.992	37.00	41.250	1144.899	27.961	-5.206	25.907	4.218	7.606	31.496	33.975	5.5316	2.07482	0.00030	43.6591	250.000
1.4944	5380	43.6591	24.993	37.00	41.250	1145.101	27.966	-5.206	25.908	4.218	7.606	31.496	33.975	5.5316	2.07463	0.00030	43.6594	250.000
1.4947	5381	43.6594	24.993	37.00	41.250	1145.303	27.971	-5.206	25.910	4.218	7.606	31.496	33.975	5.5316	2.07444	0.00030	43.6597	250.000
1.4950	5382	43.6597	24.993	37.00	41.250	1145.506	27.976	-5.206	25.911	4.219	7.606	31.496	33.975	5.5316	2.07425	0.00030	43.6600	250.000
1.4953	5383	43.6600	24.993	37.00	41.250	1145.708	27.980	-5.206	25.912	4.219	7.606	31.496	33.975	5.5316	2.07406	0.00030	43.6603	250.000
1.4956	5384	43.6603	24.994	37.00	41.250	1145.910	27.985	-5.206	25.913	4.219	7.605	31.496	33.975	5.5316	2.07388	0.00030	43.6606	250.000
1.4958	5385	43.6606	24.994	37.00	41.250	1146.112	27.990	-5.206	25.914	4.219	7.605	31.496	33.975	5.5316	2.07369	0.00030	43.6609	250.000
1.4961	5386	43.6609	24.994	37.00	41.250	1146.314	27.995	-5.206	25.915	4.219	7.605	31.496	33.975	5.5316	2.07350	0.00030	43.6612	250.000
1.4964	5387	43.6612	24.995	37.00	41.250	1146.516	28.000	-5.206	25.917	4.220	7.605	31.496	33.975	5.5316	2.07331	0.00030	43.6615	250.000
1.4967	5388	43.6615	24.995	37.00	41.250	1146.718	28.005	-5.206	25.918	4.220	7.605	31.496	33.975	5.5316	2.07313	0.00030	43.6618	250.000
1.4969	5389	43.6618	24.995	37.00	41.250	1146.920	28.010	-5.206	25.919	4.220	7.604	31.496	33.975	5.5316	2.07294	0.00030	43.6621	250.000
1.4972	5390	43.6621	24.995	37.00	41.250	1147.122	28.015	-5.206	25.920	4.220	7.604	31.496	33.975	5.5316	2.07275	0.00030	43.6624	250.000
1.4975	5391	43.6624	24.996	37.00	41.250	1147.324	28.020	-5.206	25.921	4.220	7.604	31.496	33.975	5.5316	2.07256	0.00030	43.6627	250.000
1.4978	5392	43.6627	24.996	37.00	41.250	1147.526	28.025	-5.206	25.922	4.220	7.604	31.496	33.975	5.5316	2.07238	0.00030	43.6630	250.000

1.4981	5393	43.6630	24.996	37.00	41.250	1147.728	28.030	-5.206	25.923	4.221	7.604	31.496	33.975	5.5316	2.07219	0.00030	43.6633	250.000
1.4983	5394	43.6633	24.997	37.00	41.250	1147.930	28.035	-5.206	25.925	4.221	7.604	31.496	33.975	5.5316	2.07200	0.00030	43.6636	250.000
1.4986	5395	43.6636	24.997	37.00	41.250	1148.132	28.040	-5.206	25.926	4.221	7.603	31.496	33.975	5.5316	2.07181	0.00030	43.6639	250.000
1.4989	5396	43.6639	24.997	37.00	41.250	1148.334	28.045	-5.206	25.927	4.221	7.603	31.496	33.975	5.5316	2.07163	0.00030	43.6642	250.000
1.4992	5397	43.6642	24.998	37.00	41.250	1148.536	28.050	-5.206	25.928	4.221	7.603	31.496	33.975	5.5316	2.07144	0.00030	43.6645	250.000
1.4994	5398	43.6645	24.998	37.00	41.250	1148.738	28.054	-5.206	25.929	4.222	7.603	31.496	33.975	5.5316	2.07125	0.00030	43.6648	250.000
1.4997	5399	43.6648	24.998	37.00	41.250	1148.940	28.059	-5.206	25.930	4.222	7.603	31.496	33.975	5.5316	2.07106	0.00030	43.6651	250.000
1.5000	5400	43.6651	24.998	37.00	41.250	1149.142	28.064	-5.206	25.932	4.222	7.602	31.496	33.975	5.5316	2.07088	0.00030	43.6653	250.000
1.5003	5401	43.6653	24.999	37.00	41.250	1149.344	28.069	-5.206	25.933	4.222	7.602	31.496	33.975	5.5316	2.07069	0.00030	43.6656	250.000
1.5006	5402	43.6656	24.999	37.00	41.250	1149.546	28.074	-5.206	25.934	4.222	7.602	31.496	33.975	5.5316	2.07050	0.00030	43.6659	250.000
1.5008	5403	43.6659	24.999	37.00	41.250	1149.748	28.079	-5.206	25.935	4.223	7.602	31.496	33.975	5.5316	2.07031	0.00030	43.6662	250.000
1.5011	5404	43.6662	25.000	37.00	41.250	1149.950	28.084	-5.206	25.936	4.223	7.602	31.496	33.975	5.5316	2.07013	0.00030	43.6665	250.000
1.5014	5405	43.6665	25.000	37.00	41.250	1150.152	28.089	-5.206	25.937	4.223	7.601	31.496	33.975	5.5316	2.06994	0.00030	43.6668	250.000
1.5017	5406	43.6668	25.000	37.00	41.250	1150.354	28.094	-5.206	25.938	4.223	7.601	31.496	33.975	5.5316	2.06975	0.00030	43.6671	250.000
1.5019	5407	43.6671	25.001	37.00	41.250	1150.556	28.099	-5.206	25.940	4.223	7.601	31.496	33.975	5.5316	2.06956	0.00030	43.6674	250.000
1.5022	5408	43.6674	25.001	37.00	41.250	1150.758	28.104	-5.206	25.941	4.223	7.601	31.496	33.975	5.5316	2.06938	0.00030	43.6677	250.000
1.5025	5409	43.6677	25.001	37.00	41.250	1150.960	28.109	-5.206	25.942	4.224	7.601	31.496	33.975	5.5316	2.06919	0.00030	43.6680	250.000
1.5028	5410	43.6680	25.001	37.00	41.250	1151.162	28.114	-5.206	25.943	4.224	7.601	31.496	33.975	5.5316	2.06900	0.00030	43.6683	250.000
1.5031	5411	43.6683	25.002	37.00	41.250	1151.364	28.119	-5.206	25.944	4.224	7.600	31.496	33.975	5.5316	2.06882	0.00030	43.6686	250.000
1.5033	5412	43.6686	25.002	37.00	41.250	1151.566	28.124	-5.206	25.945	4.224	7.600	31.496	33.975	5.5316	2.06863	0.00030	43.6689	250.000
1.5036	5413	43.6689	25.002	37.00	41.250	1151.768	28.128	-5.206	25.946	4.224	7.600	31.496	33.975	5.5316	2.06844	0.00030	43.6692	250.000
1.5039	5414	43.6692	25.003	37.00	41.250	1151.970	28.133	-5.206	25.948	4.225	7.600	31.496	33.975	5.5316	2.06825	0.00030	43.6695	250.000
1.5042	5415	43.6695	25.003	37.00	41.250	1152.173	28.138	-5.206	25.949	4.225	7.600	31.496	33.975	5.5316	2.06807	0.00030	43.6698	250.000
1.5044	5416	43.6698	25.003	37.00	41.250	1152.375	28.143	-5.206	25.950	4.225	7.599	31.496	33.975	5.5316	2.06788	0.00030	43.6701	250.000
1.5047	5417	43.6701	25.003	37.00	41.250	1152.577	28.148	-5.206	25.951	4.225	7.599	31.496	33.975	5.5316	2.06769	0.00030	43.6704	250.000
1.5050	5418	43.6704	25.004	37.00	41.250	1152.779	28.153	-5.206	25.952	4.225	7.599	31.496	33.975	5.5316	2.06751	0.00030	43.6707	250.000
1.5053	5419	43.6707	25.004	37.00	41.250	1152.981	28.158	-5.206	25.953	4.226	7.599	31.496	33.975	5.5316	2.06732	0.00030	43.6710	250.000
1.5056	5420	43.6710	25.004	37.00	41.250	1153.183	28.163	-5.206	25.955	4.226	7.599	31.496	33.975	5.5316	2.06713	0.00030	43.6713	250.000
1.5058	5421	43.6713	25.005	37.00	41.250	1153.385	28.168	-5.206	25.956	4.226	7.598	31.496	33.975	5.5316	2.06694	0.00030	43.6716	250.000
1.5061	5422	43.6716	25.005	37.00	41.250	1153.587	28.173	-5.206	25.957	4.226	7.598	31.496	33.975	5.5316	2.06676	0.00030	43.6718	250.000
1.5064	5423	43.6718	25.005	37.00	41.250	1153.789	28.178	-5.206	25.958	4.226	7.598	31.496	33.975	5.5316	2.06657	0.00030	43.6721	250.000
1.5067	5424	43.6721	25.006	37.00	41.250	1153.991	28.183	-5.206	25.959	4.226	7.598	31.496	33.975	5.5316	2.06638	0.00030	43.6724	250.000
1.5069	5425	43.6724	25.006	37.00	41.250	1154.193	28.188	-5.206	25.960	4.227	7.598	31.496	33.975	5.5316	2.06620	0.00030	43.6727	250.000
1.5072	5426	43.6727	25.006	37.00	41.250	1154.395	28.193	-5.206	25.961	4.227	7.598	31.496	33.975	5.5316	2.06601	0.00030	43.6730	250.000
1.5075	5427	43.6730	25.006	37.00	41.250	1154.597	28.198	-5.206	25.963	4.227	7.597	31.496	33.975	5.5316	2.06582	0.00030	43.6733	250.000
1.5078	5428	43.6733	25.007	37.00	41.250	1154.799	28.203	-5.206	25.964	4.227	7.597	31.496	33.975	5.5316	2.06563	0.00030	43.6736	250.000
1.5081	5429	43.6736	25.007	37.00	41.250	1155.001	28.207	-5.206	25.965	4.227	7.597	31.496	33.975	5.5316	2.06545	0.00030	43.6739	250.000
1.5083	5430	43.6739	25.007	37.00	41.250	1155.203	28.212	-5.206	25.966	4.228	7.597	31.496	33.975	5.5316	2.06526	0.00030	43.6742	250.000
1.5086	5431	43.6742	25.008	37.00	41.250	1155.405	28.217	-5.206	25.967	4.228	7.597	31.496	33.975	5.5316	2.06507	0.00030	43.6745	250.000
1.5089	5432	43.6745	25.008	37.00	41.250	1155.607	28.222	-5.206	25.968	4.228	7.596	31.496	33.975	5.5316	2.06489	0.00029	43.6748	250.000
1.5092	5433	43.6748	25.008	37.00	41.250	1155.809	28.227	-5.206	25.969	4.228	7.596	31.496	33.975	5.5316	2.06470	0.00029	43.6751	250.000
1.5094	5434	43.6751	25.008	37.00	41.250	1156.011	28.232	-5.206	25.971	4.228	7.596	31.496	33.975	5.5316	2.06451	0.00029	43.6754	250.000
1.5097	5435	43.6754	25.009	37.00	41.250	1156.213	28.237	-5.206	25.972	4.229	7.596	31.496	33.975	5.5316	2.06433	0.00029	43.6757	250.000
1.5100	5436	43.6757	25.009	37.00	41.250	1156.415	28.242	-5.206	25.973	4.229	7.596	31.496	33.975	5.5316	2.06414	0.00029	43.6760	250.000
1.5103	5437	43.6760	25.009	37.00	41.250	1156.617	28.247	-5.206	25.974	4.229	7.596	31.496	33.975	5.5316	2.06395	0.00029	43.6763	250.000
1.5106	5438	43.6763	25.010	37.00	41.250	1156.819	28.252	-5.206	25.975	4.229	7.595	31.496	33.975	5.5316	2.06377	0.00029	43.6766	250.000
1.5108	5439	43.6766	25.010	37.00	41.250	1157.021	28.257	-5.206	25.976	4.229	7.595	31.496	33.975	5.5316	2.06358	0.00029	43.6769	250.000
1.5111	5440	43.6769	25.010	37.00	41.250	1157.223	28.262	-5.206	25.977	4.229	7.595	31.496	33.975	5.5316	2.06339	0.00029	43.6772	250.000
1.5114	5441	43.6772	25.011	37.00	41.250	1157.425	28.267	-5.206	25.979	4.230	7.595	31.496	33.975	5.5316	2.06321	0.00029	43.6775	250.000
1.5117	5442	43.6775	25.011	37.00	41.250	1157.627	28.272	-5.206	25.980	4.230	7.595	31.496	33.975	5.5316	2.06302	0.00029	43.6777	250.000
1.5119	5443	43.6777	25.011	37.00	41.250	1157.829	28.277	-5.206	25.981	4.230	7.594	31.496	33.975	5.5316	2.06283	0.00029	43.6780	250.000
1.5122	5444	43.6780	25.011	37.00	41.250	1158.031	28.281	-5.206	25.982	4.230	7.594	31.496	33.975	5.5316	2.06265	0.00029	43.6783	250.000
1.5125	5445	43.6783	25.012	37.00	41.250	1158.233	28.286	-5.206	25.983	4.230	7.594	31.496	33.975	5.5316	2.06246	0.00029	43.6786	250.000
1.5128	5446	43.6786	25.012	37.00	41.250	1158.435	28.291	-5.206	25.984	4.231	7.594	31.496	33.975	5.5316	2.06227	0.00029	43.6789	250.000
1.5131	5447	43.6789	25.012	37.00	41.250	1158.637	28.296	-5.206	25.986	4.231	7.594	31.496	33.975	5.5316	2.06209	0.00029	43.6792	250.000
1.5133	5448	43.6792	25.013	37.00	41.250	1158.840	28.301	-5.206	25.987	4.231	7.593	31.496	33.975	5.5316	2.06190	0.00029	43.6795	250.000
1.5136	5449	43.6795	25.013	37.00	41.250	1159.042	28.306	-5.206	25.988	4.231	7.593	31.496	33.975	5.5316	2.06171	0.00029	43.6798	250.000
1.5139	5450	43.6798	25.013	37.00	41.250	1159.244	28.311	-5.206	25.989	4.231	7.593	31.496	33.975	5.5316	2.06153	0.00029	43.6801	250.000
1.5142	5451	43.6801	25.013	37.00	41.250	1159.446	28.316	-5.206	25.990	4.232	7.593	31.496	33.975	5.5316	2.06134	0.00029	43.6804	250.000
1.5144	5452	43.6804	25.014	37.00	41.250	1159.648	28.321	-5.206	25.991	4.232	7.593	31.496	33.975	5.5316	2.06115	0.00029	43.6807	250.000
1.5147	5453	43.6807	25.014	37.00	41.250	1159.850	28.326	-5.206	25.992	4.232	7.593	31.496	33.975	5.5316	2.06097	0.00029	43.6810	250.000
1.5150	5454	43.6810	25.014	37.00	41.250	1160.052	28.331	-5.206	25.994	4.232	7.592	31.496	33.975	5.5316	2.06078	0.00029	43.6813	250.000
1.5153	5455	43.6813	25.015	37.00	41.250	1160.254	28.336	-5.206	25.995	4.232	7.592	31.496	33.975	5.5316	2.06059	0.00029	43.6816	250.000
1.5156	5456	43.6816	25.015	37.00	41.250	1160.456	28.341	-5.206	25.996	4.232	7.592	31.496	33.975	5.5316	2.06041	0.00029	43.6819	250.000
1.5158	5457	43.6819	25.015	37.00	41.250	1160.658	28.346	-5.206	25.997	4.233	7.592	31.496	33.975	5.5316	2.06022	0.00029	43.6822	250.000
1.5161	5458	43.6822	25.016	37.00	41.250	1160.860	28.351	-5.206	25.998	4.233	7.592	31.496	33.975	5.5316	2.06003	0.00029	43.6825	250.000
1.5164	5459	43.6825	25.016	37.00	41.250	1161.062	28.355	-5.206	25.999	4.233	7.591	31.496	33.975	5.5316	2.05985	0.00029	43.6828	250.000
1.5167	5460	43.6828	25.016	37.00	41.250	1161.264	28.360	-5.206	26.000	4.233	7.591	31.496	33.975	5.5316	2.05966	0.00029	43.6830	250.000
1.5169	5461	43.6830	25.016	37.00	41.250	1161.466	28.365	-5.206	26.002	4.233	7.591	31.496	33.975	5.5316	2.05948	0.00029	43.6833	250.000
1.5172	5462	43.6833	25.017	37.00	41.250	1161.668	28.370	-5.206	26.003	4.234	7.591	31.496	33.975	5.5316	2.05929	0.00029	43.6836	250.000
1.5175	5463	43.6836	25.017	37.00	41.250	1161.870	28.375	-5.206	26.004	4.234	7.591	31.496	33.975	5.5316	2.05910	0.00029	43.6839	250.000
1.5178	5464	43.6839	25.017	37.00	41.250	1162.072	28.380	-5.206	26.005	4.234	7.590	31.496	33.975	5.5316	2.05892	0.00029	43.6842	250.000
1.5181	5465	43.6842	25.018	37.00	41.250	1162.274	28.385	-5.206	26.006	4.234	7.590	31.496	33.975	5.5316	2.05873	0.00029	43.6845	250.000
1.5183	5466	43.6845	25.018	37.00	41.250	1162.476	28.390	-5.206	26.007	4.234	7.590	31.496	33.975	5.5316	2.05854	0.00029	43.6848	250.000
1.5186	5467	43.6848	25.018	37.00	41.250	1162.678	28.395	-5.206	26.008	4.235	7.590	31.496	33.975	5.5316	2.05836	0.00029	43.6851	250.000
1.5189	5468	43.6851	25.018	37.00	41.250	1162.880	28.400	-5.206	26.010	4.235	7.590	31.496	33.975	5.5316	2.05817	0.00029	43.6854	250.000
1.5192	5469	43.6854	25.019	37.00	41.250	1163.082	28.405	-5.206	26.011	4.235	7.590	31.496	33.975	5.5316	2.05798	0.00029	43.6857	250.000
1.5194	5470	43.6857	25.019	37.00	41.250	1163.284	28.410	-5.206	26.012	4.235	7.589	31.496	33.975	5.5316	2.05780	0.00029	43.6860	250.000
1.5197	5471	43.6860	25.019	37.00	41.250	1163.486	28.415	-5.206	26.013	4.235	7.589	31.496	33.975	5.5316	2.05761	0.00029	43.6863	250.000
1.5200	5472	43.6863	25.020	37.00	41.250	1163.688	28.420	-5.206	26.014	4.235	7.589	31.496	33.975	5.5316	2.05743	0.00029	43.6866	250.000
1.5203	5473	43.6866	25.020	37.00	41.250	1163.890	28.425	-5.206	26.015	4.236	7.589	31.496	33.975	5.5316	2.05724	0.00029	43.6869	250.000

1.5206	5474	43.6869	25.020	37.00	41.250	1164.092	28.429	-5.206	26.016	4.236	7.589	31.496	33.975	5.5316	2.05705	0.00029	43.6872	250.000
1.5208	5475	43.6872	25.021	37.00	41.250	1164.294	28.434	-5.206	26.018	4.236	7.588	31.496	33.975	5.5316	2.05687	0.00029	43.6875	250.000
1.5211	5476	43.6875	25.021	37.00	41.250	1164.496	28.439	-5.206	26.019	4.236	7.588	31.496	33.975	5.5316	2.05668	0.00029	43.6878	250.000
1.5214	5477	43.6878	25.021	37.00	41.250	1164.698	28.444	-5.206	26.020	4.236	7.588	31.496	33.975	5.5316	2.05650	0.00029	43.6880	250.000
1.5217	5478	43.6880	25.021	37.00	41.250	1164.900	28.449	-5.206	26.021	4.237	7.588	31.496	33.975	5.5316	2.05631	0.00029	43.6883	250.000
1.5219	5479	43.6883	25.022	37.00	41.250	1165.102	28.454	-5.206	26.022	4.237	7.588	31.496	33.975	5.5316	2.05612	0.00029	43.6886	250.000
1.5222	5480	43.6886	25.022	37.00	41.250	1165.304	28.459	-5.206	26.023	4.237	7.587	31.496	33.975	5.5316	2.05594	0.00029	43.6889	250.000
1.5225	5481	43.6889	25.022	37.00	41.250	1165.506	28.464	-5.206	26.024	4.237	7.587	31.496	33.975	5.5316	2.05575	0.00029	43.6892	250.000
1.5228	5482	43.6892	25.023	37.00	41.250	1165.709	28.469	-5.206	26.026	4.237	7.587	31.496	33.975	5.5316	2.05557	0.00029	43.6895	250.000
1.5231	5483	43.6895	25.023	37.00	41.250	1165.911	28.474	-5.206	26.027	4.237	7.587	31.496	33.975	5.5316	2.05538	0.00029	43.6898	250.000
1.5233	5484	43.6898	25.023	37.00	41.250	1166.113	28.479	-5.206	26.028	4.238	7.587	31.496	33.975	5.5316	2.05519	0.00029	43.6901	250.000
1.5236	5485	43.6901	25.023	37.00	41.250	1166.315	28.484	-5.206	26.029	4.238	7.587	31.496	33.975	5.5316	2.05501	0.00029	43.6904	250.000
1.5239	5486	43.6904	25.024	37.00	41.250	1166.517	28.489	-5.206	26.030	4.238	7.586	31.496	33.975	5.5316	2.05482	0.00029	43.6907	250.000
1.5242	5487	43.6907	25.024	37.00	41.250	1166.719	28.494	-5.206	26.031	4.238	7.586	31.496	33.975	5.5316	2.05464	0.00029	43.6910	250.000
1.5244	5488	43.6910	25.024	37.00	41.250	1166.921	28.499	-5.206	26.032	4.238	7.586	31.496	33.975	5.5316	2.05445	0.00029	43.6913	250.000
1.5247	5489	43.6913	25.025	37.00	41.250	1167.123	28.503	-5.206	26.034	4.239	7.586	31.496	33.975	5.5316	2.05426	0.00029	43.6916	250.000
1.5250	5490	43.6916	25.025	37.00	41.250	1167.325	28.508	-5.206	26.035	4.239	7.586	31.496	33.975	5.5316	2.05408	0.00029	43.6919	250.000
1.5253	5491	43.6919	25.025	37.00	41.250	1167.527	28.513	-5.206	26.036	4.239	7.585	31.496	33.975	5.5316	2.05389	0.00029	43.6922	250.000
1.5256	5492	43.6922	25.026	37.00	41.250	1167.729	28.518	-5.206	26.037	4.239	7.585	31.496	33.975	5.5316	2.05371	0.00029	43.6924	250.000
1.5258	5493	43.6924	25.026	37.00	41.250	1167.931	28.523	-5.206	26.038	4.239	7.585	31.496	33.975	5.5316	2.05352	0.00029	43.6927	250.000
1.5261	5494	43.6927	25.026	37.00	41.250	1168.133	28.528	-5.206	26.039	4.240	7.585	31.496	33.975	5.5316	2.05333	0.00029	43.6930	250.000
1.5264	5495	43.6930	25.026	37.00	41.250	1168.335	28.533	-5.206	26.040	4.240	7.585	31.496	33.975	5.5316	2.05315	0.00029	43.6933	250.000
1.5267	5496	43.6933	25.027	37.00	41.250	1168.537	28.538	-5.206	26.042	4.240	7.585	31.496	33.975	5.5316	2.05296	0.00029	43.6936	250.000
1.5269	5497	43.6936	25.027	37.00	41.250	1168.739	28.543	-5.206	26.043	4.240	7.584	31.496	33.975	5.5316	2.05278	0.00029	43.6939	250.000
1.5272	5498	43.6939	25.027	37.00	41.250	1168.941	28.548	-5.206	26.044	4.240	7.584	31.496	33.975	5.5316	2.05259	0.00029	43.6942	250.000
1.5275	5499	43.6942	25.028	37.00	41.250	1169.143	28.553	-5.206	26.045	4.240	7.584	31.496	33.975	5.5316	2.05241	0.00029	43.6945	250.000
1.5278	5500	43.6945	25.028	37.00	41.250	1169.345	28.558	-5.206	26.046	4.241	7.584	31.496	33.975	5.5316	2.05222	0.00029	43.6948	250.000
1.5281	5501	43.6948	25.028	37.00	41.250	1169.547	28.563	-5.206	26.047	4.241	7.584	31.496	33.975	5.5316	2.05203	0.00029	43.6951	250.000
1.5283	5502	43.6951	25.028	37.00	41.250	1169.749	28.568	-5.206	26.048	4.241	7.583	31.496	33.975	5.5316	2.05185	0.00029	43.6954	250.000
1.5286	5503	43.6954	25.029	37.00	41.250	1169.951	28.573	-5.206	26.050	4.241	7.583	31.496	33.975	5.5316	2.05166	0.00029	43.6957	250.000
1.5289	5504	43.6957	25.029	37.00	41.250	1170.153	28.577	-5.206	26.051	4.241	7.583	31.496	33.975	5.5316	2.05148	0.00029	43.6960	250.000
1.5292	5505	43.6960	25.029	37.00	41.250	1170.355	28.582	-5.206	26.052	4.242	7.583	31.496	33.975	5.5316	2.05129	0.00029	43.6963	250.000
1.5294	5506	43.6963	25.030	37.00	41.250	1170.557	28.587	-5.206	26.053	4.242	7.583	31.496	33.975	5.5316	2.05111	0.00029	43.6966	250.000
1.5297	5507	43.6966	25.030	37.00	41.250	1170.759	28.592	-5.206	26.054	4.242	7.582	31.496	33.975	5.5316	2.05092	0.00029	43.6968	250.000
1.5300	5508	43.6968	25.030	37.00	41.250	1170.961	28.597	-5.206	26.055	4.242	7.582	31.496	33.975	5.5316	2.05073	0.00029	43.6971	250.000
1.5303	5509	43.6971	25.031	37.00	41.250	1171.163	28.602	-5.206	26.056	4.242	7.582	31.496	33.975	5.5316	2.05055	0.00029	43.6974	250.000
1.5306	5510	43.6974	25.031	37.00	41.250	1171.365	28.607	-5.206	26.058	4.243	7.582	31.496	33.975	5.5316	2.05036	0.00029	43.6977	250.000
1.5308	5511	43.6977	25.031	37.00	41.250	1171.567	28.612	-5.206	26.059	4.243	7.582	31.496	33.975	5.5316	2.05018	0.00029	43.6980	250.000
1.5311	5512	43.6980	25.031	37.00	41.250	1171.769	28.617	-5.206	26.060	4.243	7.582	31.496	33.975	5.5316	2.04999	0.00029	43.6983	250.000
1.5314	5513	43.6983	25.032	37.00	41.250	1171.971	28.622	-5.206	26.061	4.243	7.581	31.496	33.975	5.5316	2.04981	0.00029	43.6986	250.000
1.5317	5514	43.6986	25.032	37.00	41.250	1172.173	28.627	-5.206	26.062	4.243	7.581	31.496	33.975	5.5316	2.04962	0.00029	43.6989	250.000
1.5319	5515	43.6989	25.032	37.00	41.250	1172.376	28.632	-5.206	26.063	4.243	7.581	31.496	33.975	5.5316	2.04944	0.00029	43.6992	250.000
1.5322	5516	43.6992	25.033	37.00	41.250	1172.578	28.637	-5.206	26.064	4.244	7.581	31.496	33.975	5.5316	2.04925	0.00029	43.6995	250.000
1.5325	5517	43.6995	25.033	37.00	41.250	1172.780	28.642	-5.206	26.065	4.244	7.581	31.496	33.975	5.5316	2.04906	0.00029	43.6998	250.000
1.5328	5518	43.6998	25.033	37.00	41.250	1172.982	28.647	-5.206	26.067	4.244	7.580	31.496	33.975	5.5316	2.04888	0.00029	43.7001	250.000
1.5331	5519	43.7001	25.033	37.00	41.250	1173.184	28.651	-5.206	26.068	4.244	7.580	31.496	33.975	5.5316	2.04869	0.00029	43.7004	250.000
1.5333	5520	43.7004	25.034	37.00	41.250	1173.386	28.656	-5.206	26.069	4.244	7.580	31.496	33.975	5.5316	2.04851	0.00029	43.7007	250.000
1.5336	5521	43.7007	25.034	37.00	41.250	1173.588	28.661	-5.206	26.070	4.245	7.580	31.496	33.975	5.5316	2.04832	0.00029	43.7009	250.000
1.5339	5522	43.7009	25.034	37.00	41.250	1173.790	28.666	-5.206	26.071	4.245	7.580	31.496	33.975	5.5316	2.04814	0.00029	43.7012	250.000
1.5342	5523	43.7012	25.035	37.00	41.250	1173.992	28.671	-5.206	26.072	4.245	7.580	31.496	33.975	5.5316	2.04795	0.00029	43.7015	250.000
1.5344	5524	43.7015	25.035	37.00	41.250	1174.194	28.676	-5.206	26.073	4.245	7.579	31.496	33.975	5.5316	2.04777	0.00029	43.7018	250.000
1.5347	5525	43.7018	25.035	37.00	41.250	1174.396	28.681	-5.206	26.075	4.245	7.579	31.496	33.975	5.5316	2.04758	0.00029	43.7021	250.000
1.5350	5526	43.7021	25.036	37.00	41.250	1174.598	28.686	-5.206	26.076	4.245	7.579	31.496	33.975	5.5316	2.04740	0.00029	43.7024	250.000
1.5353	5527	43.7024	25.036	37.00	41.250	1174.800	28.691	-5.206	26.077	4.246	7.579	31.496	33.975	5.5316	2.04721	0.00029	43.7027	250.000
1.5356	5528	43.7027	25.036	37.00	41.250	1175.002	28.696	-5.206	26.078	4.246	7.579	31.496	33.975	5.5316	2.04703	0.00029	43.7030	250.000
1.5358	5529	43.7030	25.036	37.00	41.250	1175.204	28.701	-5.206	26.079	4.246	7.578	31.496	33.975	5.5316	2.04684	0.00029	43.7033	250.000
1.5361	5530	43.7033	25.037	37.00	41.250	1175.406	28.706	-5.206	26.080	4.246	7.578	31.496	33.975	5.5316	2.04666	0.00029	43.7036	250.000
1.5364	5531	43.7036	25.037	37.00	41.250	1175.608	28.711	-5.206	26.081	4.246	7.578	31.496	33.975	5.5316	2.04647	0.00029	43.7039	250.000
1.5367	5532	43.7039	25.037	37.00	41.250	1175.810	28.716	-5.206	26.083	4.247	7.578	31.496	33.975	5.5316	2.04628	0.00029	43.7042	250.000
1.5369	5533	43.7042	25.038	37.00	41.250	1176.012	28.721	-5.206	26.084	4.247	7.578	31.496	33.975	5.5316	2.04610	0.00029	43.7045	250.000
1.5372	5534	43.7045	25.038	37.00	41.250	1176.214	28.726	-5.206	26.085	4.247	7.577	31.496	33.975	5.5316	2.04591	0.00029	43.7047	250.000
1.5375	5535	43.7047	25.038	37.00	41.250	1176.416	28.730	-5.206	26.086	4.247	7.577	31.496	33.975	5.5316	2.04573	0.00029	43.7050	250.000
1.5378	5536	43.7050	25.038	37.00	41.250	1176.618	28.735	-5.206	26.087	4.247	7.577	31.496	33.975	5.5316	2.04554	0.00029	43.7053	250.000
1.5381	5537	43.7053	25.039	37.00	41.250	1176.820	28.740	-5.206	26.088	4.248	7.577	31.496	33.975	5.5316	2.04536	0.00029	43.7056	250.000
1.5383	5538	43.7056	25.039	37.00	41.250	1177.022	28.745	-5.206	26.089	4.248	7.577	31.496	33.975	5.5316	2.04517	0.00029	43.7059	250.000
1.5386	5539	43.7059	25.039	37.00	41.250	1177.224	28.750	-5.206	26.091	4.248	7.577	31.496	33.975	5.5316	2.04499	0.00029	43.7062	250.000
1.5389	5540	43.7062	25.040	37.00	41.250	1177.426	28.755	-5.206	26.092	4.248	7.576	31.496	33.975	5.5316	2.04480	0.00029	43.7065	250.000
1.5392	5541	43.7065	25.040	37.00	41.250	1177.628	28.760	-5.206	26.093	4.248	7.576	31.496	33.975	5.5316	2.04462	0.00029	43.7068	250.000
1.5394	5542	43.7068	25.040	37.00	41.250	1177.830	28.765	-5.206	26.094	4.248	7.576	31.496	33.975	5.5316	2.04443	0.00029	43.7071	250.000
1.5397	5543	43.7071	25.040	37.00	41.250	1178.032	28.770	-5.206	26.095	4.249	7.576	31.496	33.975	5.5316	2.04425	0.00029	43.7074	250.000
1.5400	5544	43.7074	25.041	37.00	41.250	1178.234	28.775	-5.206	26.096	4.249	7.576	31.496	33.975	5.5316	2.04406	0.00029	43.7077	250.000
1.5403	5545	43.7077	25.041	37.00	41.250	1178.436	28.780	-5.206	26.097	4.249	7.575	31.496	33.975	5.5316	2.04388	0.00029	43.7080	250.000
1.5406	5546	43.7080	25.041	37.00	41.250	1178.638	28.785	-5.206	26.098	4.249	7.575	31.496	33.975	5.5316	2.04369	0.00029	43.7083	250.000
1.5408	5547	43.7083	25.042	37.00	41.250	1178.840	28.790	-5.206	26.100	4.249	7.575	31.496	33.975	5.5316	2.04351	0.00029	43.7085	250.000
1.5411	5548	43.7085	25.042	37.00	41.250	1179.042	28.795	-5.206	26.101	4.250	7.575	31.496	33.975	5.5316	2.04332	0.00029	43.7088	250.000
1.5414	5549	43.7088	25.042	37.00	41.250	1179.245	28.800	-5.206	26.102	4.250	7.575	31.496	33.975	5.5316	2.04314	0.00029	43.7091	250.000
1.5417	5550	43.7091	25.043	37.00	41.250	1179.447	28.804	-5.206	26.103	4.250	7.575	31.496	33.975	5.5316	2.04295	0.00029	43.7094	250.000
1.5419	5551	43.7094	25.043	37.00	41.250	1179.649	28.809	-5.206	26.104	4.250	7.574	31.496	33.975	5.5316	2.04277	0.00029	43.7097	250.000
1.5422	5552	43.7097	25.043	37.00	41.250	1179.851	28.814	-5.206	26.105	4.250	7.574	31.496	33.975	5.5316	2.04258	0.00029	43.7100	250.000
1.5425	5553	43.7100	25.043	37.00	41.250	1180.053	28.819	-5.206	26.106	4.250	7.574	31.496	33.975	5.5316	2.04240	0.00029	43.7103	250.000
1.5428	5554	43.7103	25.044	37.00	41.250	1180.255	28.824	-5.206	26.108	4.251	7.574	31.496	33.975	5.5316	2.04221	0.00029	43.7106	250.000

1.5431	5555	43.7106	25.044	37.00	41.250	1180.457	28.829	-5.206	26.109	4.251	7.574	31.496	33.975	5.5316	2.04203	0.00029	43.7109	250.000
1.5433	5556	43.7109	25.044	37.00	41.250	1180.659	28.834	-5.206	26.110	4.251	7.573	31.496	33.975	5.5316	2.04185	0.00029	43.7112	250.000
1.5436	5557	43.7112	25.045	37.00	41.250	1180.861	28.839	-5.206	26.111	4.251	7.573	31.496	33.975	5.5316	2.04166	0.00029	43.7115	250.000
1.5439	5558	43.7115	25.045	37.00	41.250	1181.063	28.844	-5.206	26.112	4.251	7.573	31.496	33.975	5.5316	2.04148	0.00029	43.7118	250.000
1.5442	5559	43.7118	25.045	37.00	41.250	1181.265	28.849	-5.206	26.113	4.252	7.573	31.496	33.975	5.5316	2.04129	0.00029	43.7120	250.000
1.5444	5560	43.7120	25.045	37.00	41.250	1181.467	28.854	-5.206	26.114	4.252	7.573	31.496	33.975	5.5316	2.04111	0.00029	43.7123	250.000
1.5447	5561	43.7123	25.046	37.00	41.250	1181.669	28.859	-5.206	26.116	4.252	7.572	31.496	33.975	5.5316	2.04092	0.00029	43.7126	250.000
1.5450	5562	43.7126	25.046	37.00	41.250	1181.871	28.864	-5.206	26.117	4.252	7.572	31.496	33.975	5.5316	2.04074	0.00029	43.7129	250.000
1.5453	5563	43.7129	25.046	37.00	41.250	1182.073	28.869	-5.206	26.118	4.252	7.572	31.496	33.975	5.5316	2.04055	0.00029	43.7132	250.000
1.5456	5564	43.7132	25.047	37.00	41.250	1182.275	28.874	-5.206	26.119	4.253	7.572	31.496	33.975	5.5316	2.04037	0.00029	43.7135	250.000
1.5458	5565	43.7135	25.047	37.00	41.250	1182.477	28.878	-5.206	26.120	4.253	7.572	31.496	33.975	5.5316	2.04018	0.00029	43.7138	250.000
1.5461	5566	43.7138	25.047	37.00	41.250	1182.679	28.883	-5.206	26.121	4.253	7.572	31.496	33.975	5.5316	2.04000	0.00029	43.7141	250.000
1.5464	5567	43.7141	25.047	37.00	41.250	1182.881	28.888	-5.206	26.122	4.253	7.571	31.496	33.975	5.5316	2.03981	0.00029	43.7144	250.000
1.5467	5568	43.7144	25.048	37.00	41.250	1183.083	28.893	-5.206	26.123	4.253	7.571	31.496	33.975	5.5316	2.03963	0.00029	43.7147	250.000
1.5469	5569	43.7147	25.048	37.00	41.250	1183.285	28.898	-5.206	26.125	4.253	7.571	31.496	33.975	5.5316	2.03944	0.00029	43.7150	250.000
1.5472	5570	43.7150	25.048	37.00	41.250	1183.487	28.903	-5.206	26.126	4.254	7.571	31.496	33.975	5.5316	2.03926	0.00029	43.7153	250.000
1.5475	5571	43.7153	25.049	37.00	41.250	1183.689	28.908	-5.206	26.127	4.254	7.571	31.496	33.975	5.5316	2.03908	0.00029	43.7155	250.000
1.5478	5572	43.7155	25.049	37.00	41.250	1183.891	28.913	-5.206	26.128	4.254	7.570	31.496	33.975	5.5316	2.03889	0.00029	43.7158	250.000
1.5481	5573	43.7158	25.049	37.00	41.250	1184.093	28.918	-5.206	26.129	4.254	7.570	31.496	33.975	5.5316	2.03871	0.00029	43.7161	250.000
1.5483	5574	43.7161	25.050	37.00	41.250	1184.295	28.923	-5.206	26.130	4.254	7.570	31.496	33.975	5.5316	2.03852	0.00029	43.7164	250.000
1.5486	5575	43.7164	25.050	37.00	41.250	1184.497	28.928	-5.206	26.131	4.255	7.570	31.496	33.975	5.5316	2.03834	0.00029	43.7167	250.000
1.5489	5576	43.7167	25.050	37.00	41.250	1184.699	28.933	-5.206	26.133	4.255	7.570	31.496	33.975	5.5316	2.03815	0.00029	43.7170	250.000
1.5492	5577	43.7170	25.050	37.00	41.250	1184.901	28.938	-5.206	26.134	4.255	7.570	31.496	33.975	5.5316	2.03797	0.00029	43.7173	250.000
1.5494	5578	43.7173	25.051	37.00	41.250	1185.103	28.943	-5.206	26.135	4.255	7.569	31.496	33.975	5.5316	2.03778	0.00029	43.7176	250.000
1.5497	5579	43.7176	25.051	37.00	41.250	1185.305	28.948	-5.206	26.136	4.255	7.569	31.496	33.975	5.5316	2.03760	0.00029	43.7179	250.000
1.5500	5580	43.7179	25.051	37.00	41.250	1185.507	28.952	-5.206	26.137	4.255	7.569	31.496	33.975	5.5316	2.03742	0.00029	43.7182	250.000
1.5503	5581	43.7182	25.052	37.00	41.250	1185.709	28.957	-5.206	26.138	4.256	7.569	31.496	33.975	5.5316	2.03723	0.00029	43.7185	250.000
1.5506	5582	43.7185	25.052	37.00	41.250	1185.912	28.962	-5.206	26.139	4.256	7.569	31.496	33.975	5.5316	2.03705	0.00029	43.7187	250.000
1.5508	5583	43.7187	25.052	37.00	41.250	1186.114	28.967	-5.206	26.140	4.256	7.568	31.496	33.975	5.5316	2.03686	0.00029	43.7190	250.000
1.5511	5584	43.7190	25.052	37.00	41.250	1186.316	28.972	-5.206	26.142	4.256	7.568	31.496	33.975	5.5316	2.03668	0.00029	43.7193	250.000
1.5514	5585	43.7193	25.053	37.00	41.250	1186.518	28.977	-5.206	26.143	4.256	7.568	31.496	33.975	5.5316	2.03649	0.00029	43.7196	250.000
1.5517	5586	43.7196	25.053	37.00	41.250	1186.720	28.982	-5.206	26.144	4.257	7.568	31.496	33.975	5.5316	2.03631	0.00029	43.7199	250.000
1.5519	5587	43.7199	25.053	37.00	41.250	1186.922	28.987	-5.206	26.145	4.257	7.568	31.496	33.975	5.5316	2.03613	0.00029	43.7202	250.000
1.5522	5588	43.7202	25.054	37.00	41.250	1187.124	28.992	-5.206	26.146	4.257	7.567	31.496	33.975	5.5316	2.03594	0.00029	43.7205	250.000
1.5525	5589	43.7205	25.054	37.00	41.250	1187.326	28.997	-5.206	26.147	4.257	7.567	31.496	33.975	5.5316	2.03576	0.00029	43.7208	250.000
1.5528	5590	43.7208	25.054	37.00	41.250	1187.528	29.002	-5.206	26.148	4.257	7.567	31.496	33.975	5.5316	2.03557	0.00029	43.7211	250.000
1.5531	5591	43.7211	25.054	37.00	41.250	1187.730	29.007	-5.206	26.149	4.257	7.567	31.496	33.975	5.5316	2.03539	0.00029	43.7214	250.000
1.5533	5592	43.7214	25.055	37.00	41.250	1187.932	29.012	-5.206	26.151	4.258	7.567	31.496	33.975	5.5316	2.03520	0.00029	43.7217	250.000
1.5536	5593	43.7217	25.055	37.00	41.250	1188.134	29.017	-5.206	26.152	4.258	7.567	31.496	33.975	5.5316	2.03502	0.00029	43.7219	250.000
1.5539	5594	43.7219	25.055	37.00	41.250	1188.336	29.022	-5.206	26.153	4.258	7.566	31.496	33.975	5.5316	2.03484	0.00029	43.7222	250.000
1.5542	5595	43.7222	25.056	37.00	41.250	1188.538	29.026	-5.206	26.154	4.258	7.566	31.496	33.975	5.5316	2.03465	0.00029	43.7225	250.000
1.5544	5596	43.7225	25.056	37.00	41.250	1188.740	29.031	-5.206	26.155	4.258	7.566	31.496	33.975	5.5316	2.03447	0.00029	43.7228	250.000
1.5547	5597	43.7228	25.056	37.00	41.250	1188.942	29.036	-5.206	26.156	4.259	7.566	31.496	33.975	5.5316	2.03428	0.00029	43.7231	250.000
1.5550	5598	43.7231	25.056	37.00	41.250	1189.144	29.041	-5.206	26.157	4.259	7.566	31.496	33.975	5.5316	2.03410	0.00029	43.7234	250.000
1.5553	5599	43.7234	25.057	37.00	41.250	1189.346	29.046	-5.206	26.159	4.259	7.565	31.496	33.975	5.5316	2.03392	0.00029	43.7237	250.000
1.5556	5600	43.7237	25.057	37.00	41.250	1189.548	29.051	-5.206	26.160	4.259	7.565	31.496	33.975	5.5316	2.03373	0.00029	43.7240	250.000
1.5558	5601	43.7240	25.057	37.00	41.250	1189.750	29.056	-5.206	26.161	4.259	7.565	31.496	33.975	5.5316	2.03355	0.00029	43.7243	250.000
1.5561	5602	43.7243	25.058	37.00	41.250	1189.952	29.061	-5.206	26.162	4.260	7.565	31.496	33.975	5.5316	2.03336	0.00029	43.7246	250.000
1.5564	5603	43.7246	25.058	37.00	41.250	1190.154	29.066	-5.206	26.163	4.260	7.565	31.496	33.975	5.5316	2.03318	0.00029	43.7249	250.000
1.5567	5604	43.7249	25.058	37.00	41.250	1190.356	29.071	-5.206	26.164	4.260	7.565	31.496	33.975	5.5316	2.03300	0.00029	43.7251	250.000
1.5569	5605	43.7251	25.059	37.00	41.250	1190.558	29.076	-5.206	26.165	4.260	7.564	31.496	33.975	5.5316	2.03281	0.00029	43.7254	250.000
1.5572	5606	43.7254	25.059	37.00	41.250	1190.760	29.081	-5.206	26.166	4.260	7.564	31.496	33.975	5.5316	2.03263	0.00029	43.7257	250.000
1.5575	5607	43.7257	25.059	37.00	41.250	1190.962	29.086	-5.206	26.168	4.260	7.564	31.496	33.975	5.5316	2.03244	0.00029	43.7260	250.000
1.5578	5608	43.7260	25.059	37.00	41.250	1191.164	29.091	-5.206	26.169	4.261	7.564	31.496	33.975	5.5316	2.03226	0.00029	43.7263	250.000
1.5581	5609	43.7263	25.060	37.00	41.250	1191.366	29.096	-5.206	26.170	4.261	7.564	31.496	33.975	5.5316	2.03208	0.00029	43.7266	250.000
1.5583	5610	43.7266	25.060	37.00	41.250	1191.568	29.100	-5.206	26.171	4.261	7.563	31.496	33.975	5.5316	2.03189	0.00029	43.7269	250.000
1.5586	5611	43.7269	25.060	37.00	41.250	1191.770	29.105	-5.206	26.172	4.261	7.563	31.496	33.975	5.5316	2.03171	0.00029	43.7272	250.000
1.5589	5612	43.7272	25.061	37.00	41.250	1191.972	29.110	-5.206	26.173	4.261	7.563	31.496	33.975	5.5316	2.03152	0.00029	43.7275	250.000
1.5592	5613	43.7275	25.061	37.00	41.250	1192.174	29.115	-5.206	26.174	4.262	7.563	31.496	33.975	5.5316	2.03134	0.00029	43.7278	250.000
1.5594	5614	43.7278	25.061	37.00	41.250	1192.376	29.120	-5.206	26.175	4.262	7.563	31.496	33.975	5.5316	2.03116	0.00029	43.7280	250.000
1.5597	5615	43.7280	25.061	37.00	41.250	1192.579	29.125	-5.206	26.177	4.262	7.563	31.496	33.975	5.5316	2.03097	0.00029	43.7283	250.000
1.5600	5616	43.7283	25.062	37.00	41.250	1192.781	29.130	-5.206	26.178	4.262	7.562	31.496	33.975	5.5316	2.03079	0.00029	43.7286	250.000
1.5603	5617	43.7286	25.062	37.00	41.250	1192.983	29.135	-5.206	26.179	4.262	7.562	31.496	33.975	5.5316	2.03060	0.00029	43.7289	250.000
1.5606	5618	43.7289	25.062	37.00	41.250	1193.185	29.140	-5.206	26.180	4.262	7.562	31.496	33.975	5.5316	2.03042	0.00029	43.7292	250.000
1.5608	5619	43.7292	25.063	37.00	41.250	1193.387	29.145	-5.206	26.181	4.263	7.562	31.496	33.975	5.5316	2.03024	0.00029	43.7295	250.000
1.5611	5620	43.7295	25.063	37.00	41.250	1193.589	29.150	-5.206	26.182	4.263	7.562	31.496	33.975	5.5316	2.03005	0.00029	43.7298	250.000
1.5614	5621	43.7298	25.063	37.00	41.250	1193.791	29.155	-5.206	26.183	4.263	7.561	31.496	33.975	5.5316	2.02987	0.00029	43.7301	250.000
1.5617	5622	43.7301	25.063	37.00	41.250	1193.993	29.160	-5.206	26.185	4.263	7.561	31.496	33.975	5.5316	2.02969	0.00029	43.7304	250.000
1.5619	5623	43.7304	25.064	37.00	41.250	1194.195	29.165	-5.206	26.186	4.263	7.561	31.496	33.975	5.5316	2.02950	0.00029	43.7307	250.000
1.5622	5624	43.7307	25.064	37.00	41.250	1194.397	29.170	-5.206	26.187	4.264	7.561	31.496	33.975	5.5316	2.02932	0.00029	43.7309	250.000
1.5625	5625	43.7309	25.064	37.00	41.250	1194.599	29.175	-5.206	26.188	4.264	7.561	31.496	33.975	5.5316	2.02914	0.00029	43.7312	250.000
1.5628	5626	43.7312	25.065	37.00	41.250	1194.801	29.179	-5.206	26.189	4.264	7.561	31.496	33.975	5.5316	2.02895	0.00029	43.7315	250.000
1.5631	5627	43.7315	25.065	37.00	41.250	1195.003	29.184	-5.206	26.190	4.264	7.560	31.496	33.975	5.5316	2.02877	0.00029	43.7318	250.000
1.5633	5628	43.7318	25.065	37.00	41.250	1195.205	29.189	-5.206	26.191	4.264	7.560	31.496	33.975	5.5316	2.02858	0.00029	43.7321	250.000
1.5636	5629	43.7321	25.065	37.00	41.250	1195.407	29.194	-5.206	26.192	4.264	7.560	31.496	33.975	5.5316	2.02840	0.00029	43.7324	250.000
1.5639	5630	43.7324	25.066	37.00	41.250	1195.609	29.199	-5.206	26.194	4.265	7.560	31.496	33.975	5.5316	2.02822	0.00029	43.7327	250.000
1.5642	5631	43.7327	25.066	37.00	41.250	1195.811	29.204	-5.206	26.195	4.265	7.560	31.496	33.975	5.5316	2.02803	0.00029	43.7330	250.000
1.5644	5632	43.7330	25.066	37.00	41.250	1196.013	29.209	-5.206	26.196	4.265	7.559	31.496	33.975	5.5316	2.02785	0.00029	43.7333	250.000
1.5647	5633	43.7333	25.067	37.00	41.250	1196.215	29.214	-5.206	26.197	4.265	7.559	31.496	33.975	5.5316	2.02767	0.00029	43.7336	250.000
1.5650	5634	43.7336	25.067	37.00	41.250	1196.417	29.219	-5.206	26.198	4.265	7.559	31.496	33.975	5.5316	2.02748	0.00029	43.7338	250.000
1.5653	5635	43.7338	25.067	37.00	41.250	1196.619	29.224	-5.206	26.199	4.266	7.559	31.496	33.975	5.5316	2.02730	0.00029	43.7341	250.000

1.5656	5636	43.7341	25.068	37.00	41.250	1196.821	29.229	-5.206	26.200	4.266	7.559	31.496	33.975	5.5316	2.02712	0.00029	43.7344	250.000
1.5658	5637	43.7344	25.068	37.00	41.250	1197.023	29.234	-5.206	26.201	4.266	7.558	31.496	33.975	5.5316	2.02693	0.00029	43.7347	250.000
1.5661	5638	43.7347	25.068	37.00	41.250	1197.225	29.239	-5.206	26.203	4.266	7.558	31.496	33.975	5.5316	2.02675	0.00029	43.7350	250.000
1.5664	5639	43.7350	25.068	37.00	41.250	1197.427	29.244	-5.206	26.204	4.266	7.558	31.496	33.975	5.5316	2.02657	0.00029	43.7353	250.000
1.5667	5640	43.7353	25.069	37.00	41.250	1197.629	29.249	-5.206	26.205	4.266	7.558	31.496	33.975	5.5316	2.02638	0.00029	43.7356	250.000
1.5669	5641	43.7356	25.069	37.00	41.250	1197.831	29.253	-5.206	26.206	4.267	7.558	31.496	33.975	5.5316	2.02620	0.00029	43.7359	250.000
1.5672	5642	43.7359	25.069	37.00	41.250	1198.033	29.258	-5.206	26.207	4.267	7.558	31.496	33.975	5.5316	2.02602	0.00029	43.7362	250.000
1.5675	5643	43.7362	25.070	37.00	41.250	1198.235	29.263	-5.206	26.208	4.267	7.557	31.496	33.975	5.5316	2.02583	0.00029	43.7364	250.000
1.5678	5644	43.7364	25.070	37.00	41.250	1198.437	29.268	-5.206	26.209	4.267	7.557	31.496	33.975	5.5316	2.02565	0.00029	43.7367	250.000
1.5681	5645	43.7367	25.070	37.00	41.250	1198.639	29.273	-5.206	26.210	4.267	7.557	31.496	33.975	5.5316	2.02547	0.00029	43.7370	250.000
1.5683	5646	43.7370	25.070	37.00	41.250	1198.841	29.278	-5.206	26.212	4.268	7.557	31.496	33.975	5.5316	2.02528	0.00029	43.7373	250.000
1.5686	5647	43.7373	25.071	37.00	41.250	1199.043	29.283	-5.206	26.213	4.268	7.557	31.496	33.975	5.5316	2.02510	0.00029	43.7376	250.000
1.5689	5648	43.7376	25.071	37.00	41.250	1199.245	29.288	-5.206	26.214	4.268	7.556	31.496	33.975	5.5316	2.02492	0.00029	43.7379	250.000
1.5692	5649	43.7379	25.071	37.00	41.250	1199.448	29.293	-5.206	26.215	4.268	7.556	31.496	33.975	5.5316	2.02473	0.00029	43.7382	250.000
1.5694	5650	43.7382	25.072	37.00	41.250	1199.650	29.298	-5.206	26.216	4.268	7.556	31.496	33.975	5.5316	2.02455	0.00029	43.7385	250.000
1.5697	5651	43.7385	25.072	37.00	41.250	1199.852	29.303	-5.206	26.217	4.269	7.556	31.496	33.975	5.5316	2.02437	0.00029	43.7388	250.000
1.5700	5652	43.7388	25.072	37.00	41.250	1200.054	29.308	-5.206	26.218	4.269	7.556	31.496	33.975	5.5316	2.02418	0.00029	43.7391	250.000
1.5703	5653	43.7391	25.072	37.00	41.250	1200.256	29.313	-5.206	26.219	4.269	7.556	31.496	33.975	5.5316	2.02400	0.00029	43.7393	250.000
1.5706	5654	43.7393	25.073	37.00	41.250	1200.458	29.318	-5.206	26.221	4.269	7.555	31.496	33.975	5.5316	2.02382	0.00029	43.7396	250.000
1.5708	5655	43.7396	25.073	37.00	41.250	1200.660	29.323	-5.206	26.222	4.269	7.555	31.496	33.975	5.5316	2.02363	0.00029	43.7399	250.000
1.5711	5656	43.7399	25.073	37.00	41.250	1200.862	29.327	-5.206	26.223	4.269	7.555	31.496	33.975	5.5316	2.02345	0.00029	43.7402	250.000
1.5714	5657	43.7402	25.074	37.00	41.250	1201.064	29.332	-5.206	26.224	4.270	7.555	31.496	33.975	5.5316	2.02327	0.00029	43.7405	250.000
1.5717	5658	43.7405	25.074	37.00	41.250	1201.266	29.337	-5.206	26.225	4.270	7.555	31.496	33.975	5.5316	2.02308	0.00029	43.7408	250.000
1.5719	5659	43.7408	25.074	37.00	41.250	1201.468	29.342	-5.206	26.226	4.270	7.554	31.496	33.975	5.5316	2.02290	0.00029	43.7411	250.000
1.5722	5660	43.7411	25.074	37.00	41.250	1201.670	29.347	-5.206	26.227	4.270	7.554	31.496	33.975	5.5316	2.02272	0.00029	43.7414	250.000
1.5725	5661	43.7414	25.075	37.00	41.250	1201.872	29.352	-5.206	26.228	4.270	7.554	31.496	33.975	5.5316	2.02254	0.00029	43.7417	250.000
1.5728	5662	43.7417	25.075	37.00	41.250	1202.074	29.357	-5.206	26.230	4.271	7.554	31.496	33.975	5.5316	2.02235	0.00029	43.7419	250.000
1.5731	5663	43.7419	25.075	37.00	41.250	1202.276	29.362	-5.206	26.231	4.271	7.554	31.496	33.975	5.5316	2.02217	0.00029	43.7422	250.000
1.5733	5664	43.7422	25.076	37.00	41.250	1202.478	29.367	-5.206	26.232	4.271	7.554	31.496	33.975	5.5316	2.02199	0.00029	43.7425	250.000
1.5736	5665	43.7425	25.076	37.00	41.250	1202.680	29.372	-5.206	26.233	4.271	7.553	31.496	33.975	5.5316	2.02180	0.00029	43.7428	250.000
1.5739	5666	43.7428	25.076	37.00	41.250	1202.882	29.377	-5.206	26.234	4.271	7.553	31.496	33.975	5.5316	2.02162	0.00029	43.7431	250.000
1.5742	5667	43.7431	25.076	37.00	41.250	1203.084	29.382	-5.206	26.235	4.271	7.553	31.496	33.975	5.5316	2.02144	0.00029	43.7434	250.000
1.5744	5668	43.7434	25.077	37.00	41.250	1203.286	29.387	-5.206	26.236	4.272	7.553	31.496	33.975	5.5316	2.02125	0.00029	43.7437	250.000
1.5747	5669	43.7437	25.077	37.00	41.250	1203.488	29.392	-5.206	26.237	4.272	7.553	31.496	33.975	5.5316	2.02107	0.00029	43.7440	250.000
1.5750	5670	43.7440	25.077	37.00	41.250	1203.690	29.397	-5.206	26.239	4.272	7.552	31.496	33.975	5.5316	2.02089	0.00029	43.7443	250.000
1.5753	5671	43.7443	25.078	37.00	41.250	1203.892	29.401	-5.206	26.240	4.272	7.552	31.496	33.975	5.5316	2.02071	0.00029	43.7445	250.000
1.5756	5672	43.7445	25.078	37.00	41.250	1204.094	29.406	-5.206	26.241	4.272	7.552	31.496	33.975	5.5316	2.02052	0.00029	43.7448	250.000
1.5758	5673	43.7448	25.078	37.00	41.250	1204.296	29.411	-5.206	26.242	4.273	7.552	31.496	33.975	5.5316	2.02034	0.00029	43.7451	250.000
1.5761	5674	43.7451	25.079	37.00	41.250	1204.498	29.416	-5.206	26.243	4.273	7.552	31.496	33.975	5.5316	2.02016	0.00029	43.7454	250.000
1.5764	5675	43.7454	25.079	37.00	41.250	1204.700	29.421	-5.206	26.244	4.273	7.552	31.496	33.975	5.5316	2.01997	0.00029	43.7457	250.000
1.5767	5676	43.7457	25.079	37.00	41.250	1204.902	29.426	-5.206	26.245	4.273	7.551	31.496	33.975	5.5316	2.01979	0.00029	43.7460	250.000
1.5769	5677	43.7460	25.079	37.00	41.250	1205.104	29.431	-5.206	26.246	4.273	7.551	31.496	33.975	5.5316	2.01961	0.00029	43.7463	250.000
1.5772	5678	43.7463	25.080	37.00	41.250	1205.306	29.436	-5.206	26.248	4.273	7.551	31.496	33.975	5.5316	2.01943	0.00029	43.7466	250.000
1.5775	5679	43.7466	25.080	37.00	41.250	1205.508	29.441	-5.206	26.249	4.274	7.551	31.496	33.975	5.5316	2.01924	0.00029	43.7468	250.000
1.5778	5680	43.7468	25.080	37.00	41.250	1205.710	29.446	-5.206	26.250	4.274	7.551	31.496	33.975	5.5316	2.01906	0.00029	43.7471	250.000
1.5781	5681	43.7471	25.081	37.00	41.250	1205.912	29.451	-5.206	26.251	4.274	7.550	31.496	33.975	5.5316	2.01888	0.00029	43.7474	250.000
1.5783	5682	43.7474	25.081	37.00	41.250	1206.115	29.456	-5.206	26.252	4.274	7.550	31.496	33.975	5.5316	2.01870	0.00029	43.7477	250.000
1.5786	5683	43.7477	25.081	37.00	41.250	1206.317	29.461	-5.206	26.253	4.274	7.550	31.496	33.975	5.5316	2.01851	0.00029	43.7480	250.000
1.5789	5684	43.7480	25.081	37.00	41.250	1206.519	29.466	-5.206	26.254	4.275	7.550	31.496	33.975	5.5316	2.01833	0.00029	43.7483	250.000
1.5792	5685	43.7483	25.082	37.00	41.250	1206.721	29.471	-5.206	26.255	4.275	7.550	31.496	33.975	5.5316	2.01815	0.00029	43.7486	250.000
1.5794	5686	43.7486	25.082	37.00	41.250	1206.923	29.475	-5.206	26.257	4.275	7.550	31.496	33.975	5.5316	2.01796	0.00029	43.7489	250.000
1.5797	5687	43.7489	25.082	37.00	41.250	1207.125	29.480	-5.206	26.258	4.275	7.549	31.496	33.975	5.5316	2.01778	0.00029	43.7492	250.000
1.5800	5688	43.7492	25.083	37.00	41.250	1207.327	29.485	-5.206	26.259	4.275	7.549	31.496	33.975	5.5316	2.01760	0.00029	43.7494	250.000
1.5803	5689	43.7494	25.083	37.00	41.250	1207.529	29.490	-5.206	26.260	4.275	7.549	31.496	33.975	5.5316	2.01742	0.00029	43.7497	250.000
1.5806	5690	43.7497	25.083	37.00	41.250	1207.731	29.495	-5.206	26.261	4.276	7.549	31.496	33.975	5.5316	2.01723	0.00029	43.7500	250.000
1.5808	5691	43.7500	25.083	37.00	41.250	1207.933	29.500	-5.206	26.262	4.276	7.549	31.496	33.975	5.5316	2.01705	0.00029	43.7503	250.000
1.5811	5692	43.7503	25.084	37.00	41.250	1208.135	29.505	-5.206	26.263	4.276	7.548	31.496	33.975	5.5316	2.01687	0.00029	43.7506	250.000
1.5814	5693	43.7506	25.084	37.00	41.250	1208.337	29.510	-5.206	26.264	4.276	7.548	31.496	33.975	5.5316	2.01669	0.00029	43.7509	250.000
1.5817	5694	43.7509	25.084	37.00	41.250	1208.539	29.515	-5.206	26.265	4.276	7.548	31.496	33.975	5.5316	2.01650	0.00029	43.7512	250.000
1.5819	5695	43.7512	25.085	37.00	41.250	1208.741	29.520	-5.206	26.267	4.277	7.548	31.496	33.975	5.5316	2.01632	0.00029	43.7515	250.000
1.5822	5696	43.7515	25.085	37.00	41.250	1208.943	29.525	-5.206	26.268	4.277	7.548	31.496	33.975	5.5316	2.01614	0.00029	43.7517	250.000
1.5825	5697	43.7517	25.085	37.00	41.250	1209.145	29.530	-5.206	26.269	4.277	7.548	31.496	33.975	5.5316	2.01596	0.00029	43.7520	250.000
1.5828	5698	43.7520	25.085	37.00	41.250	1209.347	29.535	-5.206	26.270	4.277	7.547	31.496	33.975	5.5316	2.01577	0.00029	43.7523	250.000
1.5831	5699	43.7523	25.086	37.00	41.250	1209.549	29.540	-5.206	26.271	4.277	7.547	31.496	33.975	5.5316	2.01559	0.00029	43.7526	250.000
1.5833	5700	43.7526	25.086	37.00	41.250	1209.751	29.545	-5.206	26.272	4.277	7.547	31.496	33.975	5.5316	2.01541	0.00029	43.7529	250.000
1.5836	5701	43.7529	25.086	37.00	41.250	1209.953	29.549	-5.206	26.273	4.278	7.547	31.496	33.975	5.5316	2.01523	0.00029	43.7532	250.000
1.5839	5702	43.7532	25.087	37.00	41.250	1210.155	29.554	-5.206	26.274	4.278	7.547	31.496	33.975	5.5316	2.01504	0.00029	43.7535	250.000
1.5842	5703	43.7535	25.087	37.00	41.250	1210.357	29.559	-5.206	26.276	4.278	7.546	31.496	33.975	5.5316	2.01486	0.00029	43.7538	250.000
1.5844	5704	43.7538	25.087	37.00	41.250	1210.559	29.564	-5.206	26.277	4.278	7.546	31.496	33.975	5.5316	2.01468	0.00029	43.7541	250.000
1.5847	5705	43.7541	25.087	37.00	41.250	1210.761	29.569	-5.206	26.278	4.278	7.546	31.496	33.975	5.5316	2.01450	0.00029	43.7543	250.000
1.5850	5706	43.7543	25.088	37.00	41.250	1210.963	29.574	-5.206	26.279	4.279	7.546	31.496	33.975	5.5316	2.01432	0.00029	43.7546	250.000
1.5853	5707	43.7546	25.088	37.00	41.250	1211.165	29.579	-5.206	26.280	4.279	7.546	31.496	33.975	5.5316	2.01413	0.00029	43.7549	250.000
1.5856	5708	43.7549	25.088	37.00	41.250	1211.367	29.584	-5.206	26.281	4.279	7.546	31.496	33.975	5.5316	2.01395	0.00029	43.7552	250.000
1.5858	5709	43.7552	25.089	37.00	41.250	1211.569	29.589	-5.206	26.282	4.279	7.545	31.496	33.975	5.5316	2.01377	0.00029	43.7555	250.000
1.5861	5710	43.7555	25.089	37.00	41.250	1211.771	29.594	-5.206	26.283	4.279	7.545	31.496	33.975	5.5316	2.01359	0.00029	43.7558	250.000
1.5864	5711	43.7558	25.089	37.00	41.250	1211.973	29.599	-5.206	26.285	4.279	7.545	31.496	33.975	5.5316	2.01340	0.00029	43.7561	250.000
1.5867	5712	43.7561	25.089	37.00	41.250	1212.175	29.604	-5.206	26.286	4.280	7.545	31.496	33.975	5.5316	2.01322	0.00029	43.7564	250.000
1.5869	5713	43.7564	25.090	37.00	41.250	1212.377	29.609	-5.206	26.287	4.280	7.545	31.496	33.975	5.5316	2.01304	0.00029	43.7566	250.000
1.5872	5714	43.7566	25.090	37.00	41.250	1212.579	29.614	-5.206	26.288	4.280	7.544	31.496	33.975	5.5316	2.01286	0.00029	43.7569	250.000
1.5875	5715	43.7569	25.090	37.00	41.250	1212.782	29.619	-5.206	26.289	4.280	7.544	31.496	33.975	5.5316	2.01268	0.00029	43.7572	250.000
1.5878	5716	43.7572	25.091	37.00	41.250	1212.984	29.623	-5.206	26.290	4.280	7.544	31.496	33.975	5.5316	2.01249	0.00029	43.7575	250.000

1.5881	5717	43.7575	25.091	37.00	41.250	1213.186	29.628	-5.206	26.291	4.281	7.544	31.496	33.975	5.5316	2.01231	0.00029	43.7578	250.000
1.5883	5718	43.7578	25.091	37.00	41.250	1213.388	29.633	-5.206	26.292	4.281	7.544	31.496	33.975	5.5316	2.01213	0.00029	43.7581	250.000
1.5886	5719	43.7581	25.091	37.00	41.250	1213.590	29.638	-5.206	26.293	4.281	7.544	31.496	33.975	5.5316	2.01195	0.00029	43.7584	250.000
1.5889	5720	43.7584	25.092	37.00	41.250	1213.792	29.643	-5.206	26.295	4.281	7.543	31.496	33.975	5.5316	2.01176	0.00029	43.7587	250.000
1.5892	5721	43.7587	25.092	37.00	41.250	1213.994	29.648	-5.206	26.296	4.281	7.543	31.496	33.975	5.5316	2.01158	0.00029	43.7589	250.000
1.5894	5722	43.7589	25.092	37.00	41.250	1214.196	29.653	-5.206	26.297	4.281	7.543	31.496	33.975	5.5316	2.01140	0.00029	43.7592	250.000
1.5897	5723	43.7592	25.093	37.00	41.250	1214.398	29.658	-5.206	26.298	4.282	7.543	31.496	33.975	5.5316	2.01122	0.00029	43.7595	250.000
1.5900	5724	43.7595	25.093	37.00	41.250	1214.600	29.663	-5.206	26.299	4.282	7.543	31.496	33.975	5.5316	2.01104	0.00029	43.7598	250.000
1.5903	5725	43.7598	25.093	37.00	41.250	1214.802	29.668	-5.206	26.300	4.282	7.542	31.496	33.975	5.5316	2.01085	0.00029	43.7601	250.000
1.5906	5726	43.7601	25.093	37.00	41.250	1215.004	29.673	-5.206	26.301	4.282	7.542	31.496	33.975	5.5316	2.01067	0.00029	43.7604	250.000
1.5908	5727	43.7604	25.094	37.00	41.250	1215.206	29.678	-5.206	26.302	4.282	7.542	31.496	33.975	5.5316	2.01049	0.00029	43.7607	250.000
1.5911	5728	43.7607	25.094	37.00	41.250	1215.408	29.683	-5.206	26.304	4.283	7.542	31.496	33.975	5.5316	2.01031	0.00029	43.7610	250.000
1.5914	5729	43.7610	25.094	37.00	41.250	1215.610	29.688	-5.206	26.305	4.283	7.542	31.496	33.975	5.5316	2.01013	0.00029	43.7612	250.000
1.5917	5730	43.7612	25.095	37.00	41.250	1215.812	29.693	-5.206	26.306	4.283	7.541	31.496	33.975	5.5316	2.00995	0.00029	43.7615	250.000
1.5919	5731	43.7615	25.095	37.00	41.250	1216.014	29.698	-5.206	26.307	4.283	7.541	31.496	33.975	5.5316	2.00976	0.00029	43.7618	250.000
1.5922	5732	43.7618	25.095	37.00	41.250	1216.216	29.702	-5.206	26.308	4.283	7.541	31.496	33.975	5.5316	2.00958	0.00029	43.7621	250.000
1.5925	5733	43.7621	25.095	37.00	41.250	1216.418	29.707	-5.206	26.309	4.283	7.541	31.496	33.975	5.5316	2.00940	0.00029	43.7624	250.000
1.5928	5734	43.7624	25.096	37.00	41.250	1216.620	29.712	-5.206	26.310	4.284	7.541	31.496	33.975	5.5316	2.00922	0.00029	43.7627	250.000
1.5931	5735	43.7627	25.096	37.00	41.250	1216.822	29.717	-5.206	26.311	4.284	7.541	31.496	33.975	5.5316	2.00904	0.00029	43.7630	250.000
1.5933	5736	43.7630	25.096	37.00	41.250	1217.024	29.722	-5.206	26.312	4.284	7.540	31.496	33.975	5.5316	2.00885	0.00029	43.7632	250.000
1.5936	5737	43.7632	25.097	37.00	41.250	1217.226	29.727	-5.206	26.314	4.284	7.540	31.496	33.975	5.5316	2.00867	0.00029	43.7635	250.000
1.5939	5738	43.7635	25.097	37.00	41.250	1217.428	29.732	-5.206	26.315	4.284	7.540	31.496	33.975	5.5316	2.00849	0.00029	43.7638	250.000
1.5942	5739	43.7638	25.097	37.00	41.250	1217.630	29.737	-5.206	26.316	4.285	7.540	31.496	33.975	5.5316	2.00831	0.00029	43.7641	250.000
1.5944	5740	43.7641	25.097	37.00	41.250	1217.832	29.742	-5.206	26.317	4.285	7.540	31.496	33.975	5.5316	2.00813	0.00029	43.7644	250.000
1.5947	5741	43.7644	25.098	37.00	41.250	1218.034	29.747	-5.206	26.318	4.285	7.539	31.496	33.975	5.5316	2.00795	0.00029	43.7647	250.000
1.5950	5742	43.7647	25.098	37.00	41.250	1218.236	29.752	-5.206	26.319	4.285	7.539	31.496	33.975	5.5316	2.00776	0.00029	43.7650	250.000
1.5953	5743	43.7650	25.098	37.00	41.250	1218.438	29.757	-5.206	26.320	4.285	7.539	31.496	33.975	5.5316	2.00758	0.00029	43.7653	250.000
1.5956	5744	43.7653	25.099	37.00	41.250	1218.640	29.762	-5.206	26.321	4.285	7.539	31.496	33.975	5.5316	2.00740	0.00029	43.7655	250.000
1.5958	5745	43.7655	25.099	37.00	41.250	1218.842	29.767	-5.206	26.323	4.286	7.539	31.496	33.975	5.5316	2.00722	0.00029	43.7658	250.000
1.5961	5746	43.7658	25.099	37.00	41.250	1219.044	29.772	-5.206	26.324	4.286	7.539	31.496	33.975	5.5316	2.00704	0.00029	43.7661	250.000
1.5964	5747	43.7661	25.100	37.00	41.250	1219.246	29.776	-5.206	26.325	4.286	7.538	31.496	33.975	5.5316	2.00686	0.00029	43.7664	250.000
1.5967	5748	43.7664	25.100	37.00	41.250	1219.448	29.781	-5.206	26.326	4.286	7.538	31.496	33.975	5.5316	2.00667	0.00029	43.7667	250.000
1.5969	5749	43.7667	25.100	37.00	41.250	1219.651	29.786	-5.206	26.327	4.286	7.538	31.496	33.975	5.5316	2.00649	0.00029	43.7670	250.000
1.5972	5750	43.7670	25.100	37.00	41.250	1219.853	29.791	-5.206	26.328	4.287	7.538	31.496	33.975	5.5316	2.00631	0.00029	43.7673	250.000
1.5975	5751	43.7673	25.101	37.00	41.250	1220.055	29.796	-5.206	26.329	4.287	7.538	31.496	33.975	5.5316	2.00613	0.00029	43.7676	250.000
1.5978	5752	43.7676	25.101	37.00	41.250	1220.257	29.801	-5.206	26.330	4.287	7.538	31.496	33.975	5.5316	2.00595	0.00029	43.7678	250.000
1.5981	5753	43.7678	25.101	37.00	41.250	1220.459	29.806	-5.206	26.331	4.287	7.537	31.496	33.975	5.5316	2.00577	0.00029	43.7681	250.000
1.5983	5754	43.7681	25.102	37.00	41.250	1220.661	29.811	-5.206	26.333	4.287	7.537	31.496	33.975	5.5316	2.00558	0.00029	43.7684	250.000
1.5986	5755	43.7684	25.102	37.00	41.250	1220.863	29.816	-5.206	26.334	4.287	7.537	31.496	33.975	5.5316	2.00540	0.00029	43.7687	250.000
1.5989	5756	43.7687	25.102	37.00	41.250	1221.065	29.821	-5.206	26.335	4.288	7.537	31.496	33.975	5.5316	2.00522	0.00029	43.7690	250.000
1.5992	5757	43.7690	25.102	37.00	41.250	1221.267	29.826	-5.206	26.336	4.288	7.537	31.496	33.975	5.5316	2.00504	0.00029	43.7693	250.000
1.5994	5758	43.7693	25.103	37.00	41.250	1221.469	29.831	-5.206	26.337	4.288	7.536	31.496	33.975	5.5316	2.00486	0.00029	43.7696	250.000
1.5997	5759	43.7696	25.103	37.00	41.250	1221.671	29.836	-5.206	26.338	4.288	7.536	31.496	33.975	5.5316	2.00468	0.00029	43.7698	250.000
1.6000	5760	43.7698	25.103	37.00	41.250	1221.873	29.841	-5.206	26.339	4.288	7.536	31.496	33.975	5.5316	2.00450	0.00029	43.7701	250.000
1.6003	5761	43.7701	25.104	37.00	41.250	1222.075	29.846	-5.206	26.340	4.289	7.536	31.496	33.975	5.5316	2.00431	0.00029	43.7704	250.000
1.6006	5762	43.7704	25.104	37.00	41.250	1222.277	29.850	-5.206	26.341	4.289	7.536	31.496	33.975	5.5316	2.00413	0.00029	43.7707	250.000
1.6008	5763	43.7707	25.104	37.00	41.250	1222.479	29.855	-5.206	26.343	4.289	7.536	31.496	33.975	5.5316	2.00395	0.00029	43.7710	250.000
1.6011	5764	43.7710	25.104	37.00	41.250	1222.681	29.860	-5.206	26.344	4.289	7.535	31.496	33.975	5.5316	2.00377	0.00029	43.7713	250.000
1.6014	5765	43.7713	25.105	37.00	41.250	1222.883	29.865	-5.206	26.345	4.289	7.535	31.496	33.975	5.5316	2.00359	0.00029	43.7716	250.000
1.6017	5766	43.7716	25.105	37.00	41.250	1223.085	29.870	-5.206	26.346	4.289	7.535	31.496	33.975	5.5316	2.00341	0.00029	43.7718	250.000
1.6019	5767	43.7718	25.105	37.00	41.250	1223.287	29.875	-5.206	26.347	4.290	7.535	31.496	33.975	5.5316	2.00323	0.00029	43.7721	250.000
1.6022	5768	43.7721	25.106	37.00	41.250	1223.489	29.880	-5.206	26.348	4.290	7.535	31.496	33.975	5.5316	2.00305	0.00029	43.7724	250.000
1.6025	5769	43.7724	25.106	37.00	41.250	1223.691	29.885	-5.206	26.349	4.290	7.534	31.496	33.975	5.5316	2.00286	0.00029	43.7727	250.000
1.6028	5770	43.7727	25.106	37.00	41.250	1223.893	29.890	-5.206	26.350	4.290	7.534	31.496	33.975	5.5316	2.00268	0.00029	43.7730	250.000
1.6031	5771	43.7730	25.106	37.00	41.250	1224.095	29.895	-5.206	26.351	4.290	7.534	31.496	33.975	5.5316	2.00250	0.00029	43.7733	250.000
1.6033	5772	43.7733	25.107	37.00	41.250	1224.297	29.900	-5.206	26.353	4.291	7.534	31.496	33.975	5.5316	2.00232	0.00029	43.7736	250.000
1.6036	5773	43.7736	25.107	37.00	41.250	1224.499	29.905	-5.206	26.354	4.291	7.534	31.496	33.975	5.5316	2.00214	0.00029	43.7738	250.000
1.6039	5774	43.7738	25.107	37.00	41.250	1224.701	29.910	-5.206	26.355	4.291	7.534	31.496	33.975	5.5316	2.00196	0.00029	43.7741	250.000
1.6042	5775	43.7741	25.108	37.00	41.250	1224.903	29.915	-5.206	26.356	4.291	7.533	31.496	33.975	5.5316	2.00178	0.00029	43.7744	250.000
1.6044	5776	43.7744	25.108	37.00	41.250	1225.105	29.920	-5.206	26.357	4.291	7.533	31.496	33.975	5.5316	2.00160	0.00029	43.7747	250.000
1.6047	5777	43.7747	25.108	37.00	41.250	1225.307	29.924	-5.206	26.358	4.291	7.533	31.496	33.975	5.5316	2.00141	0.00029	43.7750	250.000
1.6050	5778	43.7750	25.108	37.00	41.250	1225.509	29.929	-5.206	26.359	4.292	7.533	31.496	33.975	5.5316	2.00123	0.00029	43.7753	250.000
1.6053	5779	43.7753	25.109	37.00	41.250	1225.711	29.934	-5.206	26.360	4.292	7.533	31.496	33.975	5.5316	2.00105	0.00029	43.7756	250.000
1.6056	5780	43.7756	25.109	37.00	41.250	1225.913	29.939	-5.206	26.361	4.292	7.532	31.496	33.975	5.5316	2.00087	0.00029	43.7758	250.000
1.6058	5781	43.7758	25.109	37.00	41.250	1226.115	29.944	-5.206	26.363	4.292	7.532	31.496	33.975	5.5316	2.00069	0.00029	43.7761	250.000
1.6061	5782	43.7761	25.110	37.00	41.250	1226.318	29.949	-5.206	26.364	4.292	7.532	31.496	33.975	5.5316	2.00051	0.00029	43.7764	250.000
1.6064	5783	43.7764	25.110	37.00	41.250	1226.520	29.954	-5.206	26.365	4.293	7.532	31.496	33.975	5.5316	2.00033	0.00029	43.7767	250.000
1.6067	5784	43.7767	25.110	37.00	41.250	1226.722	29.959	-5.206	26.366	4.293	7.532	31.496	33.975	5.5316	2.00015	0.00029	43.7770	250.000
1.6069	5785	43.7770	25.110	37.00	41.250	1226.924	29.964	-5.206	26.367	4.293	7.532	31.496	33.975	5.5316	1.99997	0.00029	43.7773	250.000
1.6072	5786	43.7773	25.111	37.00	41.250	1227.126	29.969	-5.206	26.368	4.293	7.531	31.496	33.975	5.5316	1.99978	0.00029	43.7776	250.000
1.6075	5787	43.7776	25.111	37.00	41.250	1227.328	29.974	-5.206	26.369	4.293	7.531	31.496	33.975	5.5316	1.99960	0.00029	43.7779	250.000
1.6078	5788	43.7779	25.111	37.00	41.250	1227.530	29.979	-5.206	26.370	4.293	7.531	31.496	33.975	5.5316	1.99942	0.00029	43.7781	250.000
1.6081	5789	43.7781	25.112	37.00	41.250	1227.732	29.984	-5.206	26.372	4.294	7.531	31.496	33.975	5.5316	1.99924	0.00029	43.7784	250.000
1.6083	5790	43.7784	25.112	37.00	41.250	1227.934	29.989	-5.206	26.373	4.294	7.531	31.496	33.975	5.5316	1.99906	0.00029	43.7787	250.000
1.6086	5791	43.7787	25.112	37.00	41.250	1228.136	29.994	-5.206	26.374	4.294	7.530	31.496	33.975	5.5316	1.99888	0.00029	43.7790	250.000
1.6089	5792	43.7790	25.112	37.00	41.250	1228.338	29.998	-5.206	26.375	4.294	7.530	31.496	33.975	5.5316	1.99870	0.00029	43.7793	250.000
1.6092	5793	43.7793	25.113	37.00	41.250	1228.540	30.003	-5.206	26.376	4.294	7.530	31.496	33.975	5.5316	1.99852	0.00029	43.7796	250.000
1.6094	5794	43.7796	25.113	37.00	41.250	1228.742	30.008	-5.206	26.377	4.295	7.530	31.496	33.975	5.5316	1.99834	0.00029	43.7798	250.000
1.6097	5795	43.7798	25.113	37.00	41.250	1228.944	30.013	-5.206	26.378	4.295	7.530	31.496	33.975	5.5316	1.99816	0.00029	43.7801	250.000
1.6100	5796	43.7801	25.114	37.00	41.250	1229.146	30.018	-5.206	26.379	4.295	7.530	31.496	33.975	5.5316	1.99798	0.00029	43.7804	250.000
1.6103	5797	43.7804	25.114	37.00	41.250	1229.348	30.023	-5.206	26.380	4.295	7.529	31.496	33.975	5.5316	1.99780	0.00029	43.7807	250.000

1.6106	5798	43.7807	25.114	37.00	41.250	1229.550	30.028	-5.206	26.381	4.295	7.529	31.496	33.975	5.5316	1.99761	0.00029	43.7810	250.000
1.6108	5799	43.7810	25.114	37.00	41.250	1229.752	30.033	-5.206	26.383	4.295	7.529	31.496	33.975	5.5316	1.99743	0.00029	43.7813	250.000
1.6111	5800	43.7813	25.115	37.00	41.250	1229.954	30.038	-5.206	26.384	4.296	7.529	31.496	33.975	5.5316	1.99725	0.00029	43.7816	250.000
1.6114	5801	43.7816	25.115	37.00	41.250	1230.156	30.043	-5.206	26.385	4.296	7.529	31.496	33.975	5.5316	1.99707	0.00029	43.7818	250.000
1.6117	5802	43.7818	25.115	37.00	41.250	1230.358	30.048	-5.206	26.386	4.296	7.528	31.496	33.975	5.5316	1.99689	0.00029	43.7821	250.000
1.6119	5803	43.7821	25.116	37.00	41.250	1230.560	30.053	-5.206	26.387	4.296	7.528	31.496	33.975	5.5316	1.99671	0.00029	43.7824	250.000
1.6122	5804	43.7824	25.116	37.00	41.250	1230.762	30.058	-5.206	26.388	4.296	7.528	31.496	33.975	5.5316	1.99653	0.00029	43.7827	250.000
1.6125	5805	43.7827	25.116	37.00	41.250	1230.964	30.063	-5.206	26.389	4.297	7.528	31.496	33.975	5.5316	1.99635	0.00029	43.7830	250.000
1.6128	5806	43.7830	25.116	37.00	41.250	1231.166	30.068	-5.206	26.390	4.297	7.528	31.496	33.975	5.5316	1.99617	0.00029	43.7833	250.000
1.6131	5807	43.7833	25.117	37.00	41.250	1231.368	30.072	-5.206	26.391	4.297	7.528	31.496	33.975	5.5316	1.99599	0.00029	43.7836	250.000
1.6133	5808	43.7836	25.117	37.00	41.250	1231.570	30.077	-5.206	26.393	4.297	7.527	31.496	33.975	5.5316	1.99581	0.00029	43.7838	250.000
1.6136	5809	43.7838	25.117	37.00	41.250	1231.772	30.082	-5.206	26.394	4.297	7.527	31.496	33.975	5.5316	1.99563	0.00029	43.7841	250.000
1.6139	5810	43.7841	25.118	37.00	41.250	1231.974	30.087	-5.206	26.395	4.297	7.527	31.496	33.975	5.5316	1.99545	0.00029	43.7844	250.000
1.6142	5811	43.7844	25.118	37.00	41.250	1232.176	30.092	-5.206	26.396	4.298	7.527	31.496	33.975	5.5316	1.99527	0.00029	43.7847	250.000
1.6144	5812	43.7847	25.118	37.00	41.250	1232.378	30.097	-5.206	26.397	4.298	7.527	31.496	33.975	5.5316	1.99509	0.00029	43.7850	250.000
1.6147	5813	43.7850	25.118	37.00	41.250	1232.580	30.102	-5.206	26.398	4.298	7.526	31.496	33.975	5.5316	1.99490	0.00028	43.7853	250.000
1.6150	5814	43.7853	25.119	37.00	41.250	1232.782	30.107	-5.206	26.399	4.298	7.526	31.496	33.975	5.5316	1.99472	0.00028	43.7856	250.000
1.6153	5815	43.7856	25.119	37.00	41.250	1232.984	30.112	-5.206	26.400	4.298	7.526	31.496	33.975	5.5316	1.99454	0.00028	43.7858	250.000
1.6156	5816	43.7858	25.119	37.00	41.250	1233.187	30.117	-5.206	26.401	4.299	7.526	31.496	33.975	5.5316	1.99436	0.00028	43.7861	250.000
1.6158	5817	43.7861	25.120	37.00	41.250	1233.389	30.122	-5.206	26.403	4.299	7.526	31.496	33.975	5.5316	1.99418	0.00028	43.7864	250.000
1.6161	5818	43.7864	25.120	37.00	41.250	1233.591	30.127	-5.206	26.404	4.299	7.526	31.496	33.975	5.5316	1.99400	0.00028	43.7867	250.000
1.6164	5819	43.7867	25.120	37.00	41.250	1233.793	30.132	-5.206	26.405	4.299	7.525	31.496	33.975	5.5316	1.99382	0.00028	43.7870	250.000
1.6167	5820	43.7870	25.120	37.00	41.250	1233.995	30.137	-5.206	26.406	4.299	7.525	31.496	33.975	5.5316	1.99364	0.00028	43.7873	250.000
1.6169	5821	43.7873	25.121	37.00	41.250	1234.197	30.142	-5.206	26.407	4.299	7.525	31.496	33.975	5.5316	1.99346	0.00028	43.7875	250.000
1.6172	5822	43.7875	25.121	37.00	41.250	1234.399	30.146	-5.206	26.408	4.300	7.525	31.496	33.975	5.5316	1.99328	0.00028	43.7878	250.000
1.6175	5823	43.7878	25.121	37.00	41.250	1234.601	30.151	-5.206	26.409	4.300	7.525	31.496	33.975	5.5316	1.99310	0.00028	43.7881	250.000
1.6178	5824	43.7881	25.122	37.00	41.250	1234.803	30.156	-5.206	26.410	4.300	7.524	31.496	33.975	5.5316	1.99292	0.00028	43.7884	250.000
1.6181	5825	43.7884	25.122	37.00	41.250	1235.005	30.161	-5.206	26.411	4.300	7.524	31.496	33.975	5.5316	1.99274	0.00028	43.7887	250.000
1.6183	5826	43.7887	25.122	37.00	41.250	1235.207	30.166	-5.206	26.413	4.300	7.524	31.496	33.975	5.5316	1.99256	0.00028	43.7890	250.000
1.6186	5827	43.7890	25.122	37.00	41.250	1235.409	30.171	-5.206	26.414	4.300	7.524	31.496	33.975	5.5316	1.99238	0.00028	43.7893	250.000
1.6189	5828	43.7893	25.123	37.00	41.250	1235.611	30.176	-5.206	26.415	4.301	7.524	31.496	33.975	5.5316	1.99220	0.00028	43.7895	250.000
1.6192	5829	43.7895	25.123	37.00	41.250	1235.813	30.181	-5.206	26.416	4.301	7.524	31.496	33.975	5.5316	1.99202	0.00028	43.7898	250.000
1.6194	5830	43.7898	25.123	37.00	41.250	1236.015	30.186	-5.206	26.417	4.301	7.523	31.496	33.975	5.5316	1.99184	0.00028	43.7901	250.000
1.6197	5831	43.7901	25.123	37.00	41.250	1236.217	30.191	-5.206	26.418	4.301	7.523	31.496	33.975	5.5316	1.99166	0.00028	43.7904	250.000
1.6200	5832	43.7904	25.124	37.00	41.250	1236.419	30.196	-5.206	26.419	4.301	7.523	31.496	33.975	5.5316	1.99148	0.00028	43.7907	250.000
1.6203	5833	43.7907	25.124	37.00	41.250	1236.621	30.201	-5.206	26.420	4.302	7.523	31.496	33.975	5.5316	1.99130	0.00028	43.7910	250.000
1.6206	5834	43.7910	25.124	37.00	41.250	1236.823	30.206	-5.206	26.421	4.302	7.523	31.496	33.975	5.5316	1.99112	0.00028	43.7912	250.000
1.6208	5835	43.7912	25.125	37.00	41.250	1237.025	30.211	-5.206	26.423	4.302	7.522	31.496	33.975	5.5316	1.99094	0.00028	43.7915	250.000
1.6211	5836	43.7915	25.125	37.00	41.250	1237.227	30.216	-5.206	26.424	4.302	7.522	31.496	33.975	5.5316	1.99076	0.00028	43.7918	250.000
1.6214	5837	43.7918	25.125	37.00	41.250	1237.429	30.221	-5.206	26.425	4.302	7.522	31.496	33.975	5.5316	1.99058	0.00028	43.7921	250.000
1.6217	5838	43.7921	25.125	37.00	41.250	1237.631	30.225	-5.206	26.426	4.302	7.522	31.496	33.975	5.5316	1.99040	0.00028	43.7924	250.000
1.6219	5839	43.7924	25.126	37.00	41.250	1237.833	30.230	-5.206	26.427	4.303	7.522	31.496	33.975	5.5316	1.99022	0.00028	43.7927	250.000
1.6222	5840	43.7927	25.126	37.00	41.250	1238.035	30.235	-5.206	26.428	4.303	7.522	31.496	33.975	5.5316	1.99004	0.00028	43.7930	250.000
1.6225	5841	43.7930	25.126	37.00	41.250	1238.237	30.240	-5.206	26.429	4.303	7.521	31.496	33.975	5.5316	1.98986	0.00028	43.7932	250.000
1.6228	5842	43.7932	25.127	37.00	41.250	1238.439	30.245	-5.206	26.430	4.303	7.521	31.496	33.975	5.5316	1.98968	0.00028	43.7935	250.000
1.6231	5843	43.7935	25.127	37.00	41.250	1238.641	30.250	-5.206	26.431	4.303	7.521	31.496	33.975	5.5316	1.98950	0.00028	43.7938	250.000
1.6233	5844	43.7938	25.127	37.00	41.250	1238.843	30.255	-5.206	26.432	4.304	7.521	31.496	33.975	5.5316	1.98932	0.00028	43.7941	250.000
1.6236	5845	43.7941	25.127	37.00	41.250	1239.045	30.260	-5.206	26.434	4.304	7.521	31.496	33.975	5.5316	1.98914	0.00028	43.7944	250.000
1.6239	5846	43.7944	25.128	37.00	41.250	1239.247	30.265	-5.206	26.435	4.304	7.521	31.496	33.975	5.5316	1.98896	0.00028	43.7947	250.000
1.6242	5847	43.7947	25.128	37.00	41.250	1239.449	30.270	-5.206	26.436	4.304	7.520	31.496	33.975	5.5316	1.98878	0.00028	43.7949	250.000
1.6244	5848	43.7949	25.128	37.00	41.250	1239.651	30.275	-5.206	26.437	4.304	7.520	31.496	33.975	5.5316	1.98860	0.00028	43.7952	250.000
1.6247	5849	43.7952	25.129	37.00	41.250	1239.854	30.280	-5.206	26.438	4.304	7.520	31.496	33.975	5.5316	1.98842	0.00028	43.7955	250.000
1.6250	5850	43.7955	25.129	37.00	41.250	1240.056	30.285	-5.206	26.439	4.305	7.520	31.496	33.975	5.5316	1.98824	0.00028	43.7958	250.000
1.6253	5851	43.7958	25.129	37.00	41.250	1240.258	30.290	-5.206	26.440	4.305	7.520	31.496	33.975	5.5316	1.98806	0.00028	43.7961	250.000
1.6256	5852	43.7961	25.129	37.00	41.250	1240.460	30.295	-5.206	26.441	4.305	7.519	31.496	33.975	5.5316	1.98788	0.00028	43.7964	250.000
1.6258	5853	43.7964	25.130	37.00	41.250	1240.662	30.299	-5.206	26.442	4.305	7.519	31.496	33.975	5.5316	1.98770	0.00028	43.7966	250.000
1.6261	5854	43.7966	25.130	37.00	41.250	1240.864	30.304	-5.206	26.444	4.305	7.519	31.496	33.975	5.5316	1.98752	0.00028	43.7969	250.000
1.6264	5855	43.7969	25.130	37.00	41.250	1241.066	30.309	-5.206	26.445	4.306	7.519	31.496	33.975	5.5316	1.98734	0.00028	43.7972	250.000
1.6267	5856	43.7972	25.131	37.00	41.250	1241.268	30.314	-5.206	26.446	4.306	7.519	31.496	33.975	5.5316	1.98716	0.00028	43.7975	250.000
1.6269	5857	43.7975	25.131	37.00	41.250	1241.470	30.319	-5.206	26.447	4.306	7.519	31.496	33.975	5.5316	1.98698	0.00028	43.7978	250.000
1.6272	5858	43.7978	25.131	37.00	41.250	1241.672	30.324	-5.206	26.448	4.306	7.518	31.496	33.975	5.5316	1.98680	0.00028	43.7981	250.000
1.6275	5859	43.7981	25.131	37.00	41.250	1241.874	30.329	-5.206	26.449	4.306	7.518	31.496	33.975	5.5316	1.98662	0.00028	43.7983	250.000
1.6278	5860	43.7983	25.132	37.00	41.250	1242.076	30.334	-5.206	26.450	4.306	7.518	31.496	33.975	5.5316	1.98644	0.00028	43.7986	250.000
1.6281	5861	43.7986	25.132	37.00	41.250	1242.278	30.339	-5.206	26.451	4.307	7.518	31.496	33.975	5.5316	1.98626	0.00028	43.7989	250.000
1.6283	5862	43.7989	25.132	37.00	41.250	1242.480	30.344	-5.206	26.452	4.307	7.518	31.496	33.975	5.5316	1.98608	0.00028	43.7992	250.000
1.6286	5863	43.7992	25.133	37.00	41.250	1242.682	30.349	-5.206	26.453	4.307	7.517	31.496	33.975	5.5316	1.98590	0.00028	43.7995	250.000
1.6289	5864	43.7995	25.133	37.00	41.250	1242.884	30.354	-5.206	26.455	4.307	7.517	31.496	33.975	5.5316	1.98572	0.00028	43.7998	250.000
1.6292	5865	43.7998	25.133	37.00	41.250	1243.086	30.359	-5.206	26.456	4.307	7.517	31.496	33.975	5.5316	1.98554	0.00028	43.8001	250.000
1.6294	5866	43.8001	25.133	37.00	41.250	1243.288	30.364	-5.206	26.457	4.308	7.517	31.496	33.975	5.5316	1.98536	0.00028	43.8003	250.000
1.6297	5867	43.8003	25.134	37.00	41.250	1243.490	30.369	-5.206	26.458	4.308	7.517	31.496	33.975	5.5316	1.98518	0.00028	43.8006	250.000
1.6300	5868	43.8006	25.134	37.00	41.250	1243.692	30.373	-5.206	26.459	4.308	7.517	31.496	33.975	5.5316	1.98500	0.00028	43.8009	250.000
1.6303	5869	43.8009	25.134	37.00	41.250	1243.894	30.378	-5.206	26.460	4.308	7.516	31.496	33.975	5.5316	1.98482	0.00028	43.8012	250.000
1.6306	5870	43.8012	25.135	37.00	41.250	1244.096	30.383	-5.206	26.461	4.308	7.516	31.496	33.975	5.5316	1.98464	0.00028	43.8015	250.000
1.6308	5871	43.8015	25.135	37.00	41.250	1244.298	30.388	-5.206	26.462	4.308	7.516	31.496	33.975	5.5316	1.98446	0.00028	43.8018	250.000
1.6311	5872	43.8018	25.135	37.00	41.250	1244.500	30.393	-5.206	26.463	4.309	7.516	31.496	33.975	5.5316	1.98428	0.00028	43.8020	250.000
1.6314	5873	43.8020	25.135	37.00	41.250	1244.702	30.398	-5.206	26.464	4.309	7.516	31.496	33.975	5.5316	1.98410	0.00028	43.8023	250.000
1.6317	5874	43.8023	25.136	37.00	41.250	1244.904	30.403	-5.206	26.466	4.309	7.515	31.496	33.975	5.5316	1.98392	0.00028	43.8026	250.000
1.6319	5875	43.8026	25.136	37.00	41.250	1245.106	30.408	-5.206	26.467	4.309	7.515	31.496	33.975	5.5316	1.98374	0.00028	43.8029	250.000
1.6322	5876	43.8029	25.136	37.00	41.250	1245.308	30.413	-5.206	26.468	4.309	7.515	31.496	33.975	5.5316	1.98356	0.00028	43.8032	250.000
1.6325	5877	43.8032	25.137	37.00	41.250	1245.510	30.418	-5.206	26.469	4.309	7.515	31.496	33.975	5.5316	1.98338	0.00028	43.8035	250.000
1.6328	5878	43.8035	25.137	37.00	41.250	1245.712	30.423	-5.206	26.470	4.310	7.515	31.496	33.975	5.5316	1.98320	0.00028	43.8037	250.000

1.6331	5879	43.8037	25.137	37.00	41.250	1245.914	30.428	-5.206	26.471	4.310	7.515	31.496	33.975	5.5316	1.98302	0.00028	43.8040	250.000
1.6333	5880	43.8040	25.137	37.00	41.250	1246.116	30.433	-5.206	26.472	4.310	7.514	31.496	33.975	5.5316	1.98285	0.00028	43.8043	250.000
1.6336	5881	43.8043	25.138	37.00	41.250	1246.318	30.438	-5.206	26.473	4.310	7.514	31.496	33.975	5.5316	1.98267	0.00028	43.8046	250.000
1.6339	5882	43.8046	25.138	37.00	41.250	1246.521	30.443	-5.206	26.474	4.310	7.514	31.496	33.975	5.5316	1.98249	0.00028	43.8049	250.000
1.6342	5883	43.8049	25.138	37.00	41.250	1246.723	30.447	-5.206	26.476	4.311	7.514	31.496	33.975	5.5316	1.98231	0.00028	43.8052	250.000
1.6344	5884	43.8052	25.139	37.00	41.250	1246.925	30.452	-5.206	26.477	4.311	7.514	31.496	33.975	5.5316	1.98213	0.00028	43.8054	250.000
1.6347	5885	43.8054	25.139	37.00	41.250	1247.127	30.457	-5.206	26.478	4.311	7.514	31.496	33.975	5.5316	1.98195	0.00028	43.8057	250.000
1.6350	5886	43.8057	25.139	37.00	41.250	1247.329	30.462	-5.206	26.479	4.311	7.513	31.496	33.975	5.5316	1.98177	0.00028	43.8060	250.000
1.6353	5887	43.8060	25.139	37.00	41.250	1247.531	30.467	-5.206	26.480	4.311	7.513	31.496	33.975	5.5316	1.98159	0.00028	43.8063	250.000
1.6356	5888	43.8063	25.140	37.00	41.250	1247.733	30.472	-5.206	26.481	4.311	7.513	31.496	33.975	5.5316	1.98141	0.00028	43.8066	250.000
1.6358	5889	43.8066	25.140	37.00	41.250	1247.935	30.477	-5.206	26.482	4.312	7.513	31.496	33.975	5.5316	1.98123	0.00028	43.8069	250.000
1.6361	5890	43.8069	25.140	37.00	41.250	1248.137	30.482	-5.206	26.483	4.312	7.513	31.496	33.975	5.5316	1.98105	0.00028	43.8071	250.000
1.6364	5891	43.8071	25.141	37.00	41.250	1248.339	30.487	-5.206	26.484	4.312	7.512	31.496	33.975	5.5316	1.98087	0.00028	43.8074	250.000
1.6367	5892	43.8074	25.141	37.00	41.250	1248.541	30.492	-5.206	26.485	4.312	7.512	31.496	33.975	5.5316	1.98069	0.00028	43.8077	250.000
1.6369	5893	43.8077	25.141	37.00	41.250	1248.743	30.497	-5.206	26.487	4.312	7.512	31.496	33.975	5.5316	1.98051	0.00028	43.8080	250.000
1.6372	5894	43.8080	25.141	37.00	41.250	1248.945	30.502	-5.206	26.488	4.313	7.512	31.496	33.975	5.5316	1.98033	0.00028	43.8083	250.000
1.6375	5895	43.8083	25.142	37.00	41.250	1249.147	30.507	-5.206	26.489	4.313	7.512	31.496	33.975	5.5316	1.98016	0.00028	43.8085	250.000
1.6378	5896	43.8085	25.142	37.00	41.250	1249.349	30.512	-5.206	26.490	4.313	7.512	31.496	33.975	5.5316	1.97998	0.00028	43.8088	250.000
1.6381	5897	43.8088	25.142	37.00	41.250	1249.551	30.517	-5.206	26.491	4.313	7.511	31.496	33.975	5.5316	1.97980	0.00028	43.8091	250.000
1.6383	5898	43.8091	25.143	37.00	41.250	1249.753	30.521	-5.206	26.492	4.313	7.511	31.496	33.975	5.5316	1.97962	0.00028	43.8094	250.000
1.6386	5899	43.8094	25.143	37.00	41.250	1249.955	30.526	-5.206	26.493	4.313	7.511	31.496	33.975	5.5316	1.97944	0.00028	43.8097	250.000
1.6389	5900	43.8097	25.143	37.00	41.250	1250.157	30.531	-5.206	26.494	4.314	7.511	31.496	33.975	5.5316	1.97926	0.00028	43.8100	250.000
1.6392	5901	43.8100	25.143	37.00	41.250	1250.359	30.536	-5.206	26.495	4.314	7.511	31.496	33.975	5.5316	1.97908	0.00028	43.8102	250.000
1.6394	5902	43.8102	25.144	37.00	41.250	1250.561	30.541	-5.206	26.496	4.314	7.510	31.496	33.975	5.5316	1.97890	0.00028	43.8105	250.000
1.6397	5903	43.8105	25.144	37.00	41.250	1250.763	30.546	-5.206	26.498	4.314	7.510	31.496	33.975	5.5316	1.97872	0.00028	43.8108	250.000
1.6400	5904	43.8108	25.144	37.00	41.250	1250.965	30.551	-5.206	26.499	4.314	7.510	31.496	33.975	5.5316	1.97854	0.00028	43.8111	250.000
1.6403	5905	43.8111	25.144	37.00	41.250	1251.167	30.556	-5.206	26.500	4.315	7.510	31.496	33.975	5.5316	1.97836	0.00028	43.8114	250.000
1.6406	5906	43.8114	25.145	37.00	41.250	1251.369	30.561	-5.206	26.501	4.315	7.510	31.496	33.975	5.5316	1.97819	0.00028	43.8117	250.000
1.6408	5907	43.8117	25.145	37.00	41.250	1251.571	30.566	-5.206	26.502	4.315	7.510	31.496	33.975	5.5316	1.97801	0.00028	43.8119	250.000
1.6411	5908	43.8119	25.145	37.00	41.250	1251.773	30.571	-5.206	26.503	4.315	7.509	31.496	33.975	5.5316	1.97783	0.00028	43.8122	250.000
1.6414	5909	43.8122	25.146	37.00	41.250	1251.975	30.576	-5.206	26.504	4.315	7.509	31.496	33.975	5.5316	1.97765	0.00028	43.8125	250.000
1.6417	5910	43.8125	25.146	37.00	41.250	1252.177	30.581	-5.206	26.505	4.315	7.509	31.496	33.975	5.5316	1.97747	0.00028	43.8128	250.000
1.6419	5911	43.8128	25.146	37.00	41.250	1252.379	30.586	-5.206	26.506	4.316	7.509	31.496	33.975	5.5316	1.97729	0.00028	43.8131	250.000
1.6422	5912	43.8131	25.146	37.00	41.250	1252.581	30.591	-5.206	26.507	4.316	7.509	31.496	33.975	5.5316	1.97711	0.00028	43.8134	250.000
1.6425	5913	43.8134	25.147	37.00	41.250	1252.783	30.595	-5.206	26.509	4.316	7.508	31.496	33.975	5.5316	1.97693	0.00028	43.8136	250.000
1.6428	5914	43.8136	25.147	37.00	41.250	1252.985	30.600	-5.206	26.510	4.316	7.508	31.496	33.975	5.5316	1.97675	0.00028	43.8139	250.000
1.6431	5915	43.8139	25.147	37.00	41.250	1253.187	30.605	-5.206	26.511	4.316	7.508	31.496	33.975	5.5316	1.97657	0.00028	43.8142	250.000
1.6433	5916	43.8142	25.148	37.00	41.250	1253.390	30.610	-5.206	26.512	4.316	7.508	31.496	33.975	5.5316	1.97640	0.00028	43.8145	250.000
1.6436	5917	43.8145	25.148	37.00	41.250	1253.592	30.615	-5.206	26.513	4.317	7.508	31.496	33.975	5.5316	1.97622	0.00028	43.8148	250.000
1.6439	5918	43.8148	25.148	37.00	41.250	1253.794	30.620	-5.206	26.514	4.317	7.508	31.496	33.975	5.5316	1.97604	0.00028	43.8150	250.000
1.6442	5919	43.8150	25.148	37.00	41.250	1253.996	30.625	-5.206	26.515	4.317	7.507	31.496	33.975	5.5316	1.97586	0.00028	43.8153	250.000
1.6444	5920	43.8153	25.149	37.00	41.250	1254.198	30.630	-5.206	26.516	4.317	7.507	31.496	33.975	5.5316	1.97568	0.00028	43.8156	250.000
1.6447	5921	43.8156	25.149	37.00	41.250	1254.400	30.635	-5.206	26.517	4.317	7.507	31.496	33.975	5.5316	1.97550	0.00028	43.8159	250.000
1.6450	5922	43.8159	25.149	37.00	41.250	1254.602	30.640	-5.206	26.518	4.318	7.507	31.496	33.975	5.5316	1.97532	0.00028	43.8162	250.000
1.6453	5923	43.8162	25.150	37.00	41.250	1254.804	30.645	-5.206	26.520	4.318	7.507	31.496	33.975	5.5316	1.97514	0.00028	43.8165	250.000
1.6456	5924	43.8165	25.150	37.00	41.250	1255.006	30.650	-5.206	26.521	4.318	7.507	31.496	33.975	5.5316	1.97497	0.00028	43.8167	250.000
1.6458	5925	43.8167	25.150	37.00	41.250	1255.208	30.655	-5.206	26.522	4.318	7.506	31.496	33.975	5.5316	1.97479	0.00028	43.8170	250.000
1.6461	5926	43.8170	25.150	37.00	41.250	1255.410	30.660	-5.206	26.523	4.318	7.506	31.496	33.975	5.5316	1.97461	0.00028	43.8173	250.000
1.6464	5927	43.8173	25.151	37.00	41.250	1255.612	30.665	-5.206	26.524	4.318	7.506	31.496	33.975	5.5316	1.97443	0.00028	43.8176	250.000
1.6467	5928	43.8176	25.151	37.00	41.250	1255.814	30.669	-5.206	26.525	4.319	7.506	31.496	33.975	5.5316	1.97425	0.00028	43.8179	250.000
1.6469	5929	43.8179	25.151	37.00	41.250	1256.016	30.674	-5.206	26.526	4.319	7.506	31.496	33.975	5.5316	1.97407	0.00028	43.8182	250.000
1.6472	5930	43.8182	25.152	37.00	41.250	1256.218	30.679	-5.206	26.527	4.319	7.505	31.496	33.975	5.5316	1.97389	0.00028	43.8184	250.000
1.6475	5931	43.8184	25.152	37.00	41.250	1256.420	30.684	-5.206	26.528	4.319	7.505	31.496	33.975	5.5316	1.97371	0.00028	43.8187	250.000
1.6478	5932	43.8187	25.152	37.00	41.250	1256.622	30.689	-5.206	26.529	4.319	7.505	31.496	33.975	5.5316	1.97354	0.00028	43.8190	250.000
1.6481	5933	43.8190	25.152	37.00	41.250	1256.824	30.694	-5.206	26.530	4.320	7.505	31.496	33.975	5.5316	1.97336	0.00028	43.8193	250.000
1.6483	5934	43.8193	25.153	37.00	41.250	1257.026	30.699	-5.206	26.532	4.320	7.505	31.496	33.975	5.5316	1.97318	0.00028	43.8196	250.000
1.6486	5935	43.8196	25.153	37.00	41.250	1257.228	30.704	-5.206	26.533	4.320	7.505	31.496	33.975	5.5316	1.97300	0.00028	43.8198	250.000
1.6489	5936	43.8198	25.153	37.00	41.250	1257.430	30.709	-5.206	26.534	4.320	7.504	31.496	33.975	5.5316	1.97282	0.00028	43.8201	250.000
1.6492	5937	43.8201	25.154	37.00	41.250	1257.632	30.714	-5.206	26.535	4.320	7.504	31.496	33.975	5.5316	1.97264	0.00028	43.8204	250.000
1.6494	5938	43.8204	25.154	37.00	41.250	1257.834	30.719	-5.206	26.536	4.320	7.504	31.496	33.975	5.5316	1.97246	0.00028	43.8207	250.000
1.6497	5939	43.8207	25.154	37.00	41.250	1258.036	30.724	-5.206	26.537	4.321	7.504	31.496	33.975	5.5316	1.97229	0.00028	43.8210	250.000
1.6500	5940	43.8210	25.154	37.00	41.250	1258.238	30.729	-5.206	26.538	4.321	7.504	31.496	33.975	5.5316	1.97211	0.00028	43.8213	250.000
1.6503	5941	43.8213	25.155	37.00	41.250	1258.440	30.734	-5.206	26.539	4.321	7.503	31.496	33.975	5.5316	1.97193	0.00028	43.8215	250.000
1.6506	5942	43.8215	25.155	37.00	41.250	1258.642	30.739	-5.206	26.540	4.321	7.503	31.496	33.975	5.5316	1.97175	0.00028	43.8218	250.000
1.6508	5943	43.8218	25.155	37.00	41.250	1258.844	30.744	-5.206	26.541	4.321	7.503	31.496	33.975	5.5316	1.97157	0.00028	43.8221	250.000
1.6511	5944	43.8221	25.155	37.00	41.250	1259.046	30.748	-5.206	26.543	4.321	7.503	31.496	33.975	5.5316	1.97139	0.00028	43.8224	250.000
1.6514	5945	43.8224	25.156	37.00	41.250	1259.248	30.753	-5.206	26.544	4.322	7.503	31.496	33.975	5.5316	1.97122	0.00028	43.8227	250.000
1.6517	5946	43.8227	25.156	37.00	41.250	1259.450	30.758	-5.206	26.545	4.322	7.503	31.496	33.975	5.5316	1.97104	0.00028	43.8229	250.000
1.6519	5947	43.8229	25.156	37.00	41.250	1259.652	30.763	-5.206	26.546	4.322	7.502	31.496	33.975	5.5316	1.97086	0.00028	43.8232	250.000
1.6522	5948	43.8232	25.157	37.00	41.250	1259.854	30.768	-5.206	26.547	4.322	7.502	31.496	33.975	5.5316	1.97068	0.00028	43.8235	250.000
1.6525	5949	43.8235	25.157	37.00	41.250	1260.057	30.773	-5.206	26.548	4.322	7.502	31.496	33.975	5.5316	1.97050	0.00028	43.8238	250.000
1.6528	5950	43.8238	25.157	37.00	41.250	1260.259	30.778	-5.206	26.549	4.323	7.502	31.496	33.975	5.5316	1.97032	0.00028	43.8241	250.000
1.6531	5951	43.8241	25.157	37.00	41.250	1260.461	30.783	-5.206	26.550	4.323	7.502	31.496	33.975	5.5316	1.97015	0.00028	43.8243	250.000
1.6533	5952	43.8243	25.158	37.00	41.250	1260.663	30.788	-5.206	26.551	4.323	7.502	31.496	33.975	5.5316	1.96997	0.00028	43.8246	250.000
1.6536	5953	43.8246	25.158	37.00	41.250	1260.865	30.793	-5.206	26.552	4.323	7.501	31.496	33.975	5.5316	1.96979	0.00028	43.8249	250.000
1.6539	5954	43.8249	25.158	37.00	41.250	1261.067	30.798	-5.206	26.553	4.323	7.501	31.496	33.975	5.5316	1.96961	0.00028	43.8252	250.000
1.6542	5955	43.8252	25.159	37.00	41.250	1261.269	30.803	-5.206	26.555	4.323	7.501	31.496	33.975	5.5316	1.96943	0.00028	43.8255	250.000
1.6544	5956	43.8255	25.159	37.00	41.250	1261.471	30.808	-5.206	26.556	4.324	7.501	31.496	33.975	5.5316	1.96925	0.00028	43.8258	250.000
1.6547	5957	43.8258	25.159	37.00	41.250	1261.673	30.813	-5.206	26.557	4.324	7.501	31.496	33.975	5.5316	1.96908	0.00028	43.8260	250.000
1.6550	5958	43.8260	25.159	37.00	41.250	1261.875	30.818	-5.206	26.558	4.324	7.500	31.496	33.975	5.5316	1.96890	0.00028	43.8263	250.000
1.6553	5959	43.8263	25.160	37.00	41.250	1262.077	30.822	-5.206	26.559	4.324	7.500	31.496	33.975	5.5316	1.96872	0.00028	43.8266	250.000

1.6556	5960	43.8266	25.160	37.00	41.250	1262.279	30.827	-5.206	26.560	4.324	7.500	31.496	33.975	5.5316	1.96854	0.00028	43.8269	250.000
1.6558	5961	43.8269	25.160	37.00	41.250	1262.481	30.832	-5.206	26.561	4.325	7.500	31.496	33.975	5.5316	1.96836	0.00028	43.8272	250.000
1.6561	5962	43.8272	25.161	37.00	41.250	1262.683	30.837	-5.206	26.562	4.325	7.500	31.496	33.975	5.5316	1.96819	0.00028	43.8274	250.000
1.6564	5963	43.8274	25.161	37.00	41.250	1262.885	30.842	-5.206	26.563	4.325	7.500	31.496	33.975	5.5316	1.96801	0.00028	43.8277	250.000
1.6567	5964	43.8277	25.161	37.00	41.250	1263.087	30.847	-5.206	26.564	4.325	7.499	31.496	33.975	5.5316	1.96783	0.00028	43.8280	250.000
1.6569	5965	43.8280	25.161	37.00	41.250	1263.289	30.852	-5.206	26.566	4.325	7.499	31.496	33.975	5.5316	1.96765	0.00028	43.8283	250.000
1.6572	5966	43.8283	25.162	37.00	41.250	1263.491	30.857	-5.206	26.567	4.325	7.499	31.496	33.975	5.5316	1.96747	0.00028	43.8286	250.000
1.6575	5967	43.8286	25.162	37.00	41.250	1263.693	30.862	-5.206	26.568	4.326	7.499	31.496	33.975	5.5316	1.96730	0.00028	43.8288	250.000
1.6578	5968	43.8288	25.162	37.00	41.250	1263.895	30.867	-5.206	26.569	4.326	7.499	31.496	33.975	5.5316	1.96712	0.00028	43.8291	250.000
1.6581	5969	43.8291	25.163	37.00	41.250	1264.097	30.872	-5.206	26.570	4.326	7.498	31.496	33.975	5.5316	1.96694	0.00028	43.8294	250.000
1.6583	5970	43.8294	25.163	37.00	41.250	1264.299	30.877	-5.206	26.571	4.326	7.498	31.496	33.975	5.5316	1.96676	0.00028	43.8297	250.000
1.6586	5971	43.8297	25.163	37.00	41.250	1264.501	30.882	-5.206	26.572	4.326	7.498	31.496	33.975	5.5316	1.96658	0.00028	43.8300	250.000
1.6589	5972	43.8300	25.163	37.00	41.250	1264.703	30.887	-5.206	26.573	4.326	7.498	31.496	33.975	5.5316	1.96641	0.00028	43.8303	250.000
1.6592	5973	43.8303	25.164	37.00	41.250	1264.905	30.892	-5.206	26.574	4.327	7.498	31.496	33.975	5.5316	1.96623	0.00028	43.8305	250.000
1.6594	5974	43.8305	25.164	37.00	41.250	1265.107	30.896	-5.206	26.575	4.327	7.498	31.496	33.975	5.5316	1.96605	0.00028	43.8308	250.000
1.6597	5975	43.8308	25.164	37.00	41.250	1265.309	30.901	-5.206	26.576	4.327	7.497	31.496	33.975	5.5316	1.96587	0.00028	43.8311	250.000
1.6600	5976	43.8311	25.164	37.00	41.250	1265.511	30.906	-5.206	26.578	4.327	7.497	31.496	33.975	5.5316	1.96569	0.00028	43.8314	250.000
1.6603	5977	43.8314	25.165	37.00	41.250	1265.713	30.911	-5.206	26.579	4.327	7.497	31.496	33.975	5.5316	1.96552	0.00028	43.8317	250.000
1.6606	5978	43.8317	25.165	37.00	41.250	1265.915	30.916	-5.206	26.580	4.328	7.497	31.496	33.975	5.5316	1.96534	0.00028	43.8319	250.000
1.6608	5979	43.8319	25.165	37.00	41.250	1266.117	30.921	-5.206	26.581	4.328	7.497	31.496	33.975	5.5316	1.96516	0.00028	43.8322	250.000
1.6611	5980	43.8322	25.166	37.00	41.250	1266.319	30.926	-5.206	26.582	4.328	7.497	31.496	33.975	5.5316	1.96498	0.00028	43.8325	250.000
1.6614	5981	43.8325	25.166	37.00	41.250	1266.521	30.931	-5.206	26.583	4.328	7.496	31.496	33.975	5.5316	1.96480	0.00028	43.8328	250.000
1.6617	5982	43.8328	25.166	37.00	41.250	1266.723	30.936	-5.206	26.584	4.328	7.496	31.496	33.975	5.5316	1.96463	0.00028	43.8331	250.000
1.6619	5983	43.8331	25.166	37.00	41.250	1266.926	30.941	-5.206	26.585	4.328	7.496	31.496	33.975	5.5316	1.96445	0.00028	43.8333	250.000
1.6622	5984	43.8333	25.167	37.00	41.250	1267.128	30.946	-5.206	26.586	4.329	7.496	31.496	33.975	5.5316	1.96427	0.00028	43.8336	250.000
1.6625	5985	43.8336	25.167	37.00	41.250	1267.330	30.951	-5.206	26.587	4.329	7.496	31.496	33.975	5.5316	1.96409	0.00028	43.8339	250.000
1.6628	5986	43.8339	25.167	37.00	41.250	1267.532	30.956	-5.206	26.588	4.329	7.495	31.496	33.975	5.5316	1.96392	0.00028	43.8342	250.000
1.6631	5987	43.8342	25.168	37.00	41.250	1267.734	30.961	-5.206	26.590	4.329	7.495	31.496	33.975	5.5316	1.96374	0.00028	43.8345	250.000
1.6633	5988	43.8345	25.168	37.00	41.250	1267.936	30.966	-5.206	26.591	4.329	7.495	31.496	33.975	5.5316	1.96356	0.00028	43.8347	250.000
1.6636	5989	43.8347	25.168	37.00	41.250	1268.138	30.970	-5.206	26.592	4.329	7.495	31.496	33.975	5.5316	1.96338	0.00028	43.8350	250.000
1.6639	5990	43.8350	25.168	37.00	41.250	1268.340	30.975	-5.206	26.593	4.330	7.495	31.496	33.975	5.5316	1.96320	0.00028	43.8353	250.000
1.6642	5991	43.8353	25.169	37.00	41.250	1268.542	30.980	-5.206	26.594	4.330	7.495	31.496	33.975	5.5316	1.96303	0.00028	43.8356	250.000
1.6644	5992	43.8356	25.169	37.00	41.250	1268.744	30.985	-5.206	26.595	4.330	7.494	31.496	33.975	5.5316	1.96285	0.00028	43.8359	250.000
1.6647	5993	43.8359	25.169	37.00	41.250	1268.946	30.990	-5.206	26.596	4.330	7.494	31.496	33.975	5.5316	1.96267	0.00028	43.8361	250.000
1.6650	5994	43.8361	25.170	37.00	41.250	1269.148	30.995	-5.206	26.597	4.330	7.494	31.496	33.975	5.5316	1.96249	0.00028	43.8364	250.000
1.6653	5995	43.8364	25.170	37.00	41.250	1269.350	31.000	-5.206	26.598	4.331	7.494	31.496	33.975	5.5316	1.96232	0.00028	43.8367	250.000
1.6656	5996	43.8367	25.170	37.00	41.250	1269.552	31.005	-5.206	26.599	4.331	7.494	31.496	33.975	5.5316	1.96214	0.00028	43.8370	250.000
1.6658	5997	43.8370	25.170	37.00	41.250	1269.754	31.010	-5.206	26.600	4.331	7.494	31.496	33.975	5.5316	1.96196	0.00028	43.8373	250.000
1.6661	5998	43.8373	25.171	37.00	41.250	1269.956	31.015	-5.206	26.602	4.331	7.493	31.496	33.975	5.5316	1.96178	0.00028	43.8375	250.000
1.6664	5999	43.8375	25.171	37.00	41.250	1270.158	31.020	-5.206	26.603	4.331	7.493	31.496	33.975	5.5316	1.96161	0.00028	43.8378	250.000
1.6667	6000	43.8378	25.171	37.00	41.250	1270.360	31.025	-5.206	26.604	4.331	7.493	31.496	33.975	5.5316	1.96143	0.00028	43.8381	250.000
1.6669	6001	43.8381	25.171	37.00	41.250	1270.562	31.030	-5.206	26.605	4.332	7.493	31.496	33.975	5.5316	1.96125	0.00028	43.8384	250.000
1.6672	6002	43.8384	25.172	37.00	41.250	1270.764	31.035	-5.206	26.606	4.332	7.493	31.496	33.975	5.5316	1.96107	0.00028	43.8387	250.000
1.6675	6003	43.8387	25.172	37.00	41.250	1270.966	31.040	-5.206	26.607	4.332	7.492	31.496	33.975	5.5316	1.96090	0.00028	43.8390	250.000
1.6678	6004	43.8390	25.172	37.00	41.250	1271.168	31.044	-5.206	26.608	4.332	7.492	31.496	33.975	5.5316	1.96072	0.00028	43.8392	250.000
1.6681	6005	43.8392	25.173	37.00	41.250	1271.370	31.049	-5.206	26.609	4.332	7.492	31.496	33.975	5.5316	1.96054	0.00028	43.8395	250.000
1.6683	6006	43.8395	25.173	37.00	41.250	1271.572	31.054	-5.206	26.610	4.333	7.492	31.496	33.975	5.5316	1.96036	0.00028	43.8398	250.000
1.6686	6007	43.8398	25.173	37.00	41.250	1271.774	31.059	-5.206	26.611	4.333	7.492	31.496	33.975	5.5316	1.96019	0.00028	43.8401	250.000
1.6689	6008	43.8401	25.173	37.00	41.250	1271.976	31.064	-5.206	26.612	4.333	7.492	31.496	33.975	5.5316	1.96001	0.00028	43.8404	250.000
1.6692	6009	43.8404	25.174	37.00	41.250	1272.178	31.069	-5.206	26.614	4.333	7.491	31.496	33.975	5.5316	1.95983	0.00028	43.8406	250.000
1.6694	6010	43.8406	25.174	37.00	41.250	1272.380	31.074	-5.206	26.615	4.333	7.491	31.496	33.975	5.5316	1.95965	0.00028	43.8409	250.000
1.6697	6011	43.8409	25.174	37.00	41.250	1272.582	31.079	-5.206	26.616	4.333	7.491	31.496	33.975	5.5316	1.95948	0.00028	43.8412	250.000
1.6700	6012	43.8412	25.175	37.00	41.250	1272.784	31.084	-5.206	26.617	4.334	7.491	31.496	33.975	5.5316	1.95930	0.00028	43.8415	250.000
1.6703	6013	43.8415	25.175	37.00	41.250	1272.986	31.089	-5.206	26.618	4.334	7.491	31.496	33.975	5.5316	1.95912	0.00028	43.8418	250.000
1.6706	6014	43.8418	25.175	37.00	41.250	1273.188	31.094	-5.206	26.619	4.334	7.490	31.496	33.975	5.5316	1.95895	0.00028	43.8420	250.000
1.6708	6015	43.8420	25.175	37.00	41.250	1273.390	31.099	-5.206	26.620	4.334	7.490	31.496	33.975	5.5316	1.95877	0.00028	43.8423	250.000
1.6711	6016	43.8423	25.176	37.00	41.250	1273.593	31.104	-5.206	26.621	4.334	7.490	31.496	33.975	5.5316	1.95859	0.00028	43.8426	250.000
1.6714	6017	43.8426	25.176	37.00	41.250	1273.795	31.109	-5.206	26.622	4.334	7.490	31.496	33.975	5.5316	1.95841	0.00028	43.8429	250.000
1.6717	6018	43.8429	25.176	37.00	41.250	1273.997	31.114	-5.206	26.623	4.335	7.490	31.496	33.975	5.5316	1.95824	0.00028	43.8431	250.000
1.6719	6019	43.8431	25.177	37.00	41.250	1274.199	31.118	-5.206	26.624	4.335	7.490	31.496	33.975	5.5316	1.95806	0.00028	43.8434	250.000
1.6722	6020	43.8434	25.177	37.00	41.250	1274.401	31.123	-5.206	26.626	4.335	7.489	31.496	33.975	5.5316	1.95788	0.00028	43.8437	250.000
1.6725	6021	43.8437	25.177	37.00	41.250	1274.603	31.128	-5.206	26.627	4.335	7.489	31.496	33.975	5.5316	1.95770	0.00028	43.8440	250.000
1.6728	6022	43.8440	25.177	37.00	41.250	1274.805	31.133	-5.206	26.628	4.335	7.489	31.496	33.975	5.5316	1.95753	0.00028	43.8443	250.000
1.6731	6023	43.8443	25.178	37.00	41.250	1275.007	31.138	-5.206	26.629	4.336	7.489	31.496	33.975	5.5316	1.95735	0.00028	43.8445	250.000
1.6733	6024	43.8445	25.178	37.00	41.250	1275.209	31.143	-5.206	26.630	4.336	7.489	31.496	33.975	5.5316	1.95717	0.00028	43.8448	250.000
1.6736	6025	43.8448	25.178	37.00	41.250	1275.411	31.148	-5.206	26.631	4.336	7.489	31.496	33.975	5.5316	1.95700	0.00028	43.8451	250.000
1.6739	6026	43.8451	25.178	37.00	41.250	1275.613	31.153	-5.206	26.632	4.336	7.488	31.496	33.975	5.5316	1.95682	0.00028	43.8454	250.000
1.6742	6027	43.8454	25.179	37.00	41.250	1275.815	31.158	-5.206	26.633	4.336	7.488	31.496	33.975	5.5316	1.95664	0.00028	43.8457	250.000
1.6744	6028	43.8457	25.179	37.00	41.250	1276.017	31.163	-5.206	26.634	4.336	7.488	31.496	33.975	5.5316	1.95646	0.00028	43.8459	250.000
1.6747	6029	43.8459	25.179	37.00	41.250	1276.219	31.168	-5.206	26.635	4.337	7.488	31.496	33.975	5.5316	1.95629	0.00028	43.8462	250.000
1.6750	6030	43.8462	25.180	37.00	41.250	1276.421	31.173	-5.206	26.636	4.337	7.488	31.496	33.975	5.5316	1.95611	0.00028	43.8465	250.000
1.6753	6031	43.8465	25.180	37.00	41.250	1276.623	31.178	-5.206	26.637	4.337	7.487	31.496	33.975	5.5316	1.95593	0.00028	43.8468	250.000
1.6756	6032	43.8468	25.180	37.00	41.250	1276.825	31.183	-5.206	26.639	4.337	7.487	31.496	33.975	5.5316	1.95576	0.00028	43.8471	250.000
1.6758	6033	43.8471	25.180	37.00	41.250	1277.027	31.188	-5.206	26.640	4.337	7.487	31.496	33.975	5.5316	1.95558	0.00028	43.8473	250.000
1.6761	6034	43.8473	25.181	37.00	41.250	1277.229	31.192	-5.206	26.641	4.337	7.487	31.496	33.975	5.5316	1.95540	0.00028	43.8476	250.000
1.6764	6035	43.8476	25.181	37.00	41.250	1277.431	31.197	-5.206	26.642	4.338	7.487	31.496	33.975	5.5316	1.95523	0.00028	43.8479	250.000
1.6767	6036	43.8479	25.181	37.00	41.250	1277.633	31.202	-5.206	26.643	4.338	7.487	31.496	33.975	5.5316	1.95505	0.00028	43.8482	250.000
1.6769	6037	43.8482	25.182	37.00	41.250	1277.835	31.207	-5.206	26.644	4.338	7.486	31.496	33.975	5.5316	1.95487	0.00028	43.8485	250.000
1.6772	6038	43.8485	25.182	37.00	41.250	1278.037	31.212	-5.206	26.645	4.338	7.486	31.496	33.975	5.5316	1.95470	0.00028	43.8487	250.000
1.6775	6039	43.8487	25.182	37.00	41.250	1278.239	31.217	-5.206	26.646	4.338	7.486	31.496	33.975	5.5316	1.95452	0.00028	43.8490	250.000
1.6778	6040	43.8490	25.182	37.00	41.250	1278.441	31.222	-5.206	26.647	4.339	7.486	31.496	33.975	5.5316	1.95434	0.00028	43.8493	250.000

1.6781	6041	43.8493	25.183	37.00	41.250	1278.643	31.227	-5.206	26.648	4.339	7.486	31.496	33.975	5.5316	1.95416	0.00028	43.8496	250.000
1.6783	6042	43.8496	25.183	37.00	41.250	1278.845	31.232	-5.206	26.649	4.339	7.486	31.496	33.975	5.5316	1.95399	0.00028	43.8499	250.000
1.6786	6043	43.8499	25.183	37.00	41.250	1279.047	31.237	-5.206	26.651	4.339	7.485	31.496	33.975	5.5316	1.95381	0.00028	43.8501	250.000
1.6789	6044	43.8501	25.184	37.00	41.250	1279.249	31.242	-5.206	26.652	4.339	7.485	31.496	33.975	5.5316	1.95363	0.00028	43.8504	250.000
1.6792	6045	43.8504	25.184	37.00	41.250	1279.451	31.247	-5.206	26.653	4.339	7.485	31.496	33.975	5.5316	1.95346	0.00028	43.8507	250.000
1.6794	6046	43.8507	25.184	37.00	41.250	1279.653	31.252	-5.206	26.654	4.340	7.485	31.496	33.975	5.5316	1.95328	0.00028	43.8510	250.000
1.6797	6047	43.8510	25.184	37.00	41.250	1279.855	31.257	-5.206	26.655	4.340	7.485	31.496	33.975	5.5316	1.95310	0.00028	43.8513	250.000
1.6800	6048	43.8513	25.185	37.00	41.250	1280.057	31.262	-5.206	26.656	4.340	7.484	31.496	33.975	5.5316	1.95293	0.00028	43.8515	250.000
1.6803	6049	43.8515	25.185	37.00	41.250	1280.260	31.267	-5.206	26.657	4.340	7.484	31.496	33.975	5.5316	1.95275	0.00028	43.8518	250.000
1.6806	6050	43.8518	25.185	37.00	41.250	1280.462	31.271	-5.206	26.658	4.340	7.484	31.496	33.975	5.5316	1.95257	0.00028	43.8521	250.000
1.6808	6051	43.8521	25.185	37.00	41.250	1280.664	31.276	-5.206	26.659	4.340	7.484	31.496	33.975	5.5316	1.95240	0.00028	43.8524	250.000
1.6811	6052	43.8524	25.186	37.00	41.250	1280.866	31.281	-5.206	26.660	4.341	7.484	31.496	33.975	5.5316	1.95222	0.00028	43.8526	250.000
1.6814	6053	43.8526	25.186	37.00	41.250	1281.068	31.286	-5.206	26.661	4.341	7.484	31.496	33.975	5.5316	1.95204	0.00028	43.8529	250.000
1.6817	6054	43.8529	25.186	37.00	41.250	1281.270	31.291	-5.206	26.662	4.341	7.483	31.496	33.975	5.5316	1.95187	0.00028	43.8532	250.000
1.6819	6055	43.8532	25.187	37.00	41.250	1281.472	31.296	-5.206	26.664	4.341	7.483	31.496	33.975	5.5316	1.95169	0.00028	43.8535	250.000
1.6822	6056	43.8535	25.187	37.00	41.250	1281.674	31.301	-5.206	26.665	4.341	7.483	31.496	33.975	5.5316	1.95151	0.00028	43.8538	250.000
1.6825	6057	43.8538	25.187	37.00	41.250	1281.876	31.306	-5.206	26.666	4.342	7.483	31.496	33.975	5.5316	1.95134	0.00028	43.8540	250.000
1.6828	6058	43.8540	25.187	37.00	41.250	1282.078	31.311	-5.206	26.667	4.342	7.483	31.496	33.975	5.5316	1.95116	0.00028	43.8543	250.000
1.6831	6059	43.8543	25.188	37.00	41.250	1282.280	31.316	-5.206	26.668	4.342	7.483	31.496	33.975	5.5316	1.95098	0.00028	43.8546	250.000
1.6833	6060	43.8546	25.188	37.00	41.250	1282.482	31.321	-5.206	26.669	4.342	7.482	31.496	33.975	5.5316	1.95081	0.00028	43.8549	250.000
1.6836	6061	43.8549	25.188	37.00	41.250	1282.684	31.326	-5.206	26.670	4.342	7.482	31.496	33.975	5.5316	1.95063	0.00028	43.8552	250.000
1.6839	6062	43.8552	25.189	37.00	41.250	1282.886	31.331	-5.206	26.671	4.342	7.482	31.496	33.975	5.5316	1.95045	0.00028	43.8554	250.000
1.6842	6063	43.8554	25.189	37.00	41.250	1283.088	31.336	-5.206	26.672	4.343	7.482	31.496	33.975	5.5316	1.95028	0.00028	43.8557	250.000
1.6844	6064	43.8557	25.189	37.00	41.250	1283.290	31.341	-5.206	26.673	4.343	7.482	31.496	33.975	5.5316	1.95010	0.00028	43.8560	250.000
1.6847	6065	43.8560	25.189	37.00	41.250	1283.492	31.345	-5.206	26.674	4.343	7.481	31.496	33.975	5.5316	1.94992	0.00028	43.8563	250.000
1.6850	6066	43.8563	25.190	37.00	41.250	1283.694	31.350	-5.206	26.675	4.343	7.481	31.496	33.975	5.5316	1.94975	0.00028	43.8565	250.000
1.6853	6067	43.8565	25.190	37.00	41.250	1283.896	31.355	-5.206	26.677	4.343	7.481	31.496	33.975	5.5316	1.94957	0.00028	43.8568	250.000
1.6856	6068	43.8568	25.190	37.00	41.250	1284.098	31.360	-5.206	26.678	4.343	7.481	31.496	33.975	5.5316	1.94940	0.00028	43.8571	250.000
1.6858	6069	43.8571	25.190	37.00	41.250	1284.300	31.365	-5.206	26.679	4.344	7.481	31.496	33.975	5.5316	1.94922	0.00028	43.8574	250.000
1.6861	6070	43.8574	25.191	37.00	41.250	1284.502	31.370	-5.206	26.680	4.344	7.481	31.496	33.975	5.5316	1.94904	0.00028	43.8577	250.000
1.6864	6071	43.8577	25.191	37.00	41.250	1284.704	31.375	-5.206	26.681	4.344	7.480	31.496	33.975	5.5316	1.94887	0.00028	43.8579	250.000
1.6867	6072	43.8579	25.191	37.00	41.250	1284.906	31.380	-5.206	26.682	4.344	7.480	31.496	33.975	5.5316	1.94869	0.00028	43.8582	250.000
1.6869	6073	43.8582	25.192	37.00	41.250	1285.108	31.385	-5.206	26.683	4.344	7.480	31.496	33.975	5.5316	1.94851	0.00028	43.8585	250.000
1.6872	6074	43.8585	25.192	37.00	41.250	1285.310	31.390	-5.206	26.684	4.345	7.480	31.496	33.975	5.5316	1.94834	0.00028	43.8588	250.000
1.6875	6075	43.8588	25.192	37.00	41.250	1285.512	31.395	-5.206	26.685	4.345	7.480	31.496	33.975	5.5316	1.94816	0.00028	43.8591	250.000
1.6878	6076	43.8591	25.192	37.00	41.250	1285.714	31.400	-5.206	26.686	4.345	7.480	31.496	33.975	5.5316	1.94798	0.00028	43.8593	250.000
1.6881	6077	43.8593	25.193	37.00	41.250	1285.916	31.405	-5.206	26.687	4.345	7.479	31.496	33.975	5.5316	1.94781	0.00028	43.8596	250.000
1.6883	6078	43.8596	25.193	37.00	41.250	1286.118	31.410	-5.206	26.688	4.345	7.479	31.496	33.975	5.5316	1.94763	0.00028	43.8599	250.000
1.6886	6079	43.8599	25.193	37.00	41.250	1286.320	31.415	-5.206	26.690	4.345	7.479	31.496	33.975	5.5316	1.94746	0.00028	43.8602	250.000
1.6889	6080	43.8602	25.194	37.00	41.250	1286.522	31.419	-5.206	26.691	4.346	7.479	31.496	33.975	5.5316	1.94728	0.00028	43.8604	250.000
1.6892	6081	43.8604	25.194	37.00	41.250	1286.724	31.424	-5.206	26.692	4.346	7.479	31.496	33.975	5.5316	1.94710	0.00028	43.8607	250.000
1.6894	6082	43.8607	25.194	37.00	41.250	1286.926	31.429	-5.206	26.693	4.346	7.478	31.496	33.975	5.5316	1.94693	0.00028	43.8610	250.000
1.6897	6083	43.8610	25.194	37.00	41.250	1287.129	31.434	-5.206	26.694	4.346	7.478	31.496	33.975	5.5316	1.94675	0.00028	43.8613	250.000
1.6900	6084	43.8613	25.195	37.00	41.250	1287.331	31.439	-5.206	26.695	4.346	7.478	31.496	33.975	5.5316	1.94657	0.00028	43.8616	250.000
1.6903	6085	43.8616	25.195	37.00	41.250	1287.533	31.444	-5.206	26.696	4.346	7.478	31.496	33.975	5.5316	1.94640	0.00028	43.8618	250.000
1.6906	6086	43.8618	25.195	37.00	41.250	1287.735	31.449	-5.206	26.697	4.347	7.478	31.496	33.975	5.5316	1.94622	0.00028	43.8621	250.000
1.6908	6087	43.8621	25.196	37.00	41.250	1287.937	31.454	-5.206	26.698	4.347	7.478	31.496	33.975	5.5316	1.94605	0.00028	43.8624	250.000
1.6911	6088	43.8624	25.196	37.00	41.250	1288.139	31.459	-5.206	26.699	4.347	7.477	31.496	33.975	5.5316	1.94587	0.00028	43.8627	250.000
1.6914	6089	43.8627	25.196	37.00	41.250	1288.341	31.464	-5.206	26.700	4.347	7.477	31.496	33.975	5.5316	1.94569	0.00028	43.8629	250.000
1.6917	6090	43.8629	25.196	37.00	41.250	1288.543	31.469	-5.206	26.701	4.347	7.477	31.496	33.975	5.5316	1.94552	0.00028	43.8632	250.000
1.6919	6091	43.8632	25.197	37.00	41.250	1288.745	31.474	-5.206	26.703	4.348	7.477	31.496	33.975	5.5316	1.94534	0.00028	43.8635	250.000
1.6922	6092	43.8635	25.197	37.00	41.250	1288.947	31.479	-5.206	26.704	4.348	7.477	31.496	33.975	5.5316	1.94517	0.00028	43.8638	250.000
1.6925	6093	43.8638	25.197	37.00	41.250	1289.149	31.484	-5.206	26.705	4.348	7.477	31.496	33.975	5.5316	1.94499	0.00028	43.8641	250.000
1.6928	6094	43.8641	25.197	37.00	41.250	1289.351	31.489	-5.206	26.706	4.348	7.476	31.496	33.975	5.5316	1.94481	0.00028	43.8643	250.000
1.6931	6095	43.8643	25.198	37.00	41.250	1289.553	31.493	-5.206	26.707	4.348	7.476	31.496	33.975	5.5316	1.94464	0.00028	43.8646	250.000
1.6933	6096	43.8646	25.198	37.00	41.250	1289.755	31.498	-5.206	26.708	4.348	7.476	31.496	33.975	5.5316	1.94446	0.00028	43.8649	250.000
1.6936	6097	43.8649	25.198	37.00	41.250	1289.957	31.503	-5.206	26.709	4.349	7.476	31.496	33.975	5.5316	1.94429	0.00028	43.8652	250.000
1.6939	6098	43.8652	25.199	37.00	41.250	1290.159	31.508	-5.206	26.710	4.349	7.476	31.496	33.975	5.5316	1.94411	0.00028	43.8654	250.000
1.6942	6099	43.8654	25.199	37.00	41.250	1290.361	31.513	-5.206	26.711	4.349	7.475	31.496	33.975	5.5316	1.94393	0.00028	43.8657	250.000
1.6944	6100	43.8657	25.199	37.00	41.250	1290.563	31.518	-5.206	26.712	4.349	7.475	31.496	33.975	5.5316	1.94376	0.00028	43.8660	250.000
1.6947	6101	43.8660	25.199	37.00	41.250	1290.765	31.523	-5.206	26.713	4.349	7.475	31.496	33.975	5.5316	1.94358	0.00028	43.8663	250.000
1.6950	6102	43.8663	25.200	37.00	41.250	1290.967	31.528	-5.206	26.714	4.349	7.475	31.496	33.975	5.5316	1.94341	0.00028	43.8666	250.000
1.6953	6103	43.8666	25.200	37.00	41.250	1291.169	31.533	-5.206	26.716	4.350	7.475	31.496	33.975	5.5316	1.94323	0.00028	43.8668	250.000
1.6956	6104	43.8668	25.200	37.00	41.250	1291.371	31.538	-5.206	26.717	4.350	7.475	31.496	33.975	5.5316	1.94305	0.00028	43.8671	250.000
1.6958	6105	43.8671	25.201	37.00	41.250	1291.573	31.543	-5.206	26.718	4.350	7.474	31.496	33.975	5.5316	1.94288	0.00028	43.8674	250.000
1.6961	6106	43.8674	25.201	37.00	41.250	1291.775	31.548	-5.206	26.719	4.350	7.474	31.496	33.975	5.5316	1.94270	0.00028	43.8677	250.000
1.6964	6107	43.8677	25.201	37.00	41.250	1291.977	31.553	-5.206	26.720	4.350	7.474	31.496	33.975	5.5316	1.94253	0.00028	43.8679	250.000
1.6967	6108	43.8679	25.201	37.00	41.250	1292.179	31.558	-5.206	26.721	4.351	7.474	31.496	33.975	5.5316	1.94235	0.00028	43.8682	250.000
1.6969	6109	43.8682	25.202	37.00	41.250	1292.381	31.563	-5.206	26.722	4.351	7.474	31.496	33.975	5.5316	1.94218	0.00028	43.8685	250.000
1.6972	6110	43.8685	25.202	37.00	41.250	1292.583	31.567	-5.206	26.723	4.351	7.474	31.496	33.975	5.5316	1.94200	0.00028	43.8688	250.000
1.6975	6111	43.8688	25.202	37.00	41.250	1292.785	31.572	-5.206	26.724	4.351	7.473	31.496	33.975	5.5316	1.94182	0.00028	43.8691	250.000
1.6978	6112	43.8691	25.202	37.00	41.250	1292.987	31.577	-5.206	26.725	4.351	7.473	31.496	33.975	5.5316	1.94165	0.00028	43.8693	250.000
1.6981	6113	43.8693	25.203	37.00	41.250	1293.189	31.582	-5.206	26.726	4.351	7.473	31.496	33.975	5.5316	1.94147	0.00028	43.8696	250.000
1.6983	6114	43.8696	25.203	37.00	41.250	1293.391	31.587	-5.206	26.727	4.352	7.473	31.496	33.975	5.5316	1.94130	0.00028	43.8699	250.000
1.6986	6115	43.8699	25.203	37.00	41.250	1293.593	31.592	-5.206	26.728	4.352	7.473	31.496	33.975	5.5316	1.94112	0.00028	43.8702	250.000
1.6989	6116	43.8702	25.204	37.00	41.250	1293.796	31.597	-5.206	26.730	4.352	7.472	31.496	33.975	5.5316	1.94095	0.00028	43.8704	250.000
1.6992	6117	43.8704	25.204	37.00	41.250	1293.998	31.602	-5.206	26.731	4.352	7.472	31.496	33.975	5.5316	1.94077	0.00028	43.8707	250.000
1.6994	6118	43.8707	25.204	37.00	41.250	1294.200	31.607	-5.206	26.732	4.352	7.472	31.496	33.975	5.5316	1.94059	0.00028	43.8710	250.000
1.6997	6119	43.8710	25.204	37.00	41.250	1294.402	31.612	-5.206	26.733	4.352	7.472	31.496	33.975	5.5316	1.94042	0.00028	43.8713	250.000
1.7000	6120	43.8713	25.205	37.00	41.250	1294.604	31.617	-5.206	26.734	4.353	7.472	31.496	33.975	5.5316	1.94024	0.00028	43.8716	250.000
1.7003	6121	43.8716	25.205	37.00	41.250	1294.806	31.622	-5.206	26.735	4.353	7.472	31.496	33.975	5.5316	1.94007	0.00028	43.8718	250.000

1.7006	6122	43.8718	25.205	37.00	41.250	1295.008	31.627	-5.206	26.736	4.353	7.471	31.496	33.975	5.5316	1.93989	0.00028	43.8721	250.000
1.7008	6123	43.8721	25.205	37.00	41.250	1295.210	31.632	-5.206	26.737	4.353	7.471	31.496	33.975	5.5316	1.93972	0.00028	43.8724	250.000
1.7011	6124	43.8724	25.206	37.00	41.250	1295.412	31.637	-5.206	26.738	4.353	7.471	31.496	33.975	5.5316	1.93954	0.00028	43.8727	250.000
1.7014	6125	43.8727	25.206	37.00	41.250	1295.614	31.641	-5.206	26.739	4.354	7.471	31.496	33.975	5.5316	1.93937	0.00028	43.8729	250.000
1.7017	6126	43.8729	25.206	37.00	41.250	1295.816	31.646	-5.206	26.740	4.354	7.471	31.496	33.975	5.5316	1.93919	0.00028	43.8732	250.000
1.7019	6127	43.8732	25.207	37.00	41.250	1296.018	31.651	-5.206	26.741	4.354	7.471	31.496	33.975	5.5316	1.93901	0.00028	43.8735	250.000
1.7022	6128	43.8735	25.207	37.00	41.250	1296.220	31.656	-5.206	26.742	4.354	7.470	31.496	33.975	5.5316	1.93884	0.00028	43.8738	250.000
1.7025	6129	43.8738	25.207	37.00	41.250	1296.422	31.661	-5.206	26.744	4.354	7.470	31.496	33.975	5.5316	1.93866	0.00028	43.8740	250.000
1.7028	6130	43.8740	25.207	37.00	41.250	1296.624	31.666	-5.206	26.745	4.354	7.470	31.496	33.975	5.5316	1.93849	0.00028	43.8743	250.000
1.7031	6131	43.8743	25.208	37.00	41.250	1296.826	31.671	-5.206	26.746	4.355	7.470	31.496	33.975	5.5316	1.93831	0.00028	43.8746	250.000
1.7033	6132	43.8746	25.208	37.00	41.250	1297.028	31.676	-5.206	26.747	4.355	7.470	31.496	33.975	5.5316	1.93814	0.00028	43.8749	250.000
1.7036	6133	43.8749	25.208	37.00	41.250	1297.230	31.681	-5.206	26.748	4.355	7.470	31.496	33.975	5.5316	1.93796	0.00028	43.8752	250.000
1.7039	6134	43.8752	25.209	37.00	41.250	1297.432	31.686	-5.206	26.749	4.355	7.469	31.496	33.975	5.5316	1.93779	0.00028	43.8754	250.000
1.7042	6135	43.8754	25.209	37.00	41.250	1297.634	31.691	-5.206	26.750	4.355	7.469	31.496	33.975	5.5316	1.93761	0.00028	43.8757	250.000
1.7044	6136	43.8757	25.209	37.00	41.250	1297.836	31.696	-5.206	26.751	4.355	7.469	31.496	33.975	5.5316	1.93744	0.00028	43.8760	250.000
1.7047	6137	43.8760	25.209	37.00	41.250	1298.038	31.701	-5.206	26.752	4.356	7.469	31.496	33.975	5.5316	1.93726	0.00028	43.8763	250.000
1.7050	6138	43.8763	25.210	37.00	41.250	1298.240	31.706	-5.206	26.753	4.356	7.469	31.496	33.975	5.5316	1.93709	0.00028	43.8765	250.000
1.7053	6139	43.8765	25.210	37.00	41.250	1298.442	31.711	-5.206	26.754	4.356	7.468	31.496	33.975	5.5316	1.93691	0.00028	43.8768	250.000
1.7056	6140	43.8768	25.210	37.00	41.250	1298.644	31.715	-5.206	26.755	4.356	7.468	31.496	33.975	5.5316	1.93673	0.00028	43.8771	250.000
1.7058	6141	43.8771	25.210	37.00	41.250	1298.846	31.720	-5.206	26.756	4.356	7.468	31.496	33.975	5.5316	1.93656	0.00028	43.8774	250.000
1.7061	6142	43.8774	25.211	37.00	41.250	1299.048	31.725	-5.206	26.758	4.356	7.468	31.496	33.975	5.5316	1.93638	0.00028	43.8776	250.000
1.7064	6143	43.8776	25.211	37.00	41.250	1299.250	31.730	-5.206	26.759	4.357	7.468	31.496	33.975	5.5316	1.93621	0.00028	43.8779	250.000
1.7067	6144	43.8779	25.211	37.00	41.250	1299.452	31.735	-5.206	26.760	4.357	7.468	31.496	33.975	5.5316	1.93603	0.00028	43.8782	250.000
1.7069	6145	43.8782	25.212	37.00	41.250	1299.654	31.740	-5.206	26.761	4.357	7.467	31.496	33.975	5.5316	1.93586	0.00028	43.8785	250.000
1.7072	6146	43.8785	25.212	37.00	41.250	1299.856	31.745	-5.206	26.762	4.357	7.467	31.496	33.975	5.5316	1.93568	0.00028	43.8787	250.000
1.7075	6147	43.8787	25.212	37.00	41.250	1300.058	31.750	-5.206	26.763	4.357	7.467	31.496	33.975	5.5316	1.93551	0.00028	43.8790	250.000
1.7078	6148	43.8790	25.212	37.00	41.250	1300.260	31.755	-5.206	26.764	4.358	7.467	31.496	33.975	5.5316	1.93533	0.00028	43.8793	250.000
1.7081	6149	43.8793	25.213	37.00	41.250	1300.462	31.760	-5.206	26.765	4.358	7.467	31.496	33.975	5.5316	1.93516	0.00028	43.8796	250.000
1.7083	6150	43.8796	25.213	37.00	41.250	1300.665	31.765	-5.206	26.766	4.358	7.467	31.496	33.975	5.5316	1.93498	0.00028	43.8799	250.000
1.7086	6151	43.8799	25.213	37.00	41.250	1300.867	31.770	-5.206	26.767	4.358	7.466	31.496	33.975	5.5316	1.93481	0.00028	43.8801	250.000
1.7089	6152	43.8801	25.214	37.00	41.250	1301.069	31.775	-5.206	26.768	4.358	7.466	31.496	33.975	5.5316	1.93463	0.00028	43.8804	250.000
1.7092	6153	43.8804	25.214	37.00	41.250	1301.271	31.780	-5.206	26.769	4.358	7.466	31.496	33.975	5.5316	1.93446	0.00028	43.8807	250.000
1.7094	6154	43.8807	25.214	37.00	41.250	1301.473	31.785	-5.206	26.770	4.359	7.466	31.496	33.975	5.5316	1.93428	0.00028	43.8810	250.000
1.7097	6155	43.8810	25.214	37.00	41.250	1301.675	31.790	-5.206	26.772	4.359	7.466	31.496	33.975	5.5316	1.93411	0.00028	43.8812	250.000
1.7100	6156	43.8812	25.215	37.00	41.250	1301.877	31.794	-5.206	26.773	4.359	7.465	31.496	33.975	5.5316	1.93393	0.00028	43.8815	250.000
1.7103	6157	43.8815	25.215	37.00	41.250	1302.079	31.799	-5.206	26.774	4.359	7.465	31.496	33.975	5.5316	1.93376	0.00028	43.8818	250.000
1.7106	6158	43.8818	25.215	37.00	41.250	1302.281	31.804	-5.206	26.775	4.359	7.465	31.496	33.975	5.5316	1.93358	0.00028	43.8821	250.000
1.7108	6159	43.8821	25.215	37.00	41.250	1302.483	31.809	-5.206	26.776	4.359	7.465	31.496	33.975	5.5316	1.93341	0.00028	43.8823	250.000
1.7111	6160	43.8823	25.216	37.00	41.250	1302.685	31.814	-5.206	26.777	4.360	7.465	31.496	33.975	5.5316	1.93323	0.00028	43.8826	250.000
1.7114	6161	43.8826	25.216	37.00	41.250	1302.887	31.819	-5.206	26.778	4.360	7.465	31.496	33.975	5.5316	1.93306	0.00028	43.8829	250.000
1.7117	6162	43.8829	25.216	37.00	41.250	1303.089	31.824	-5.206	26.779	4.360	7.464	31.496	33.975	5.5316	1.93288	0.00028	43.8832	250.000
1.7119	6163	43.8832	25.217	37.00	41.250	1303.291	31.829	-5.206	26.780	4.360	7.464	31.496	33.975	5.5316	1.93271	0.00028	43.8834	250.000
1.7122	6164	43.8834	25.217	37.00	41.250	1303.493	31.834	-5.206	26.781	4.360	7.464	31.496	33.975	5.5316	1.93253	0.00028	43.8837	250.000
1.7125	6165	43.8837	25.217	37.00	41.250	1303.695	31.839	-5.206	26.782	4.361	7.464	31.496	33.975	5.5316	1.93236	0.00028	43.8840	250.000
1.7128	6166	43.8840	25.217	37.00	41.250	1303.897	31.844	-5.206	26.783	4.361	7.464	31.496	33.975	5.5316	1.93218	0.00028	43.8843	250.000
1.7131	6167	43.8843	25.218	37.00	41.250	1304.099	31.849	-5.206	26.784	4.361	7.464	31.496	33.975	5.5316	1.93201	0.00028	43.8845	250.000
1.7133	6168	43.8845	25.218	37.00	41.250	1304.301	31.854	-5.206	26.786	4.361	7.463	31.496	33.975	5.5316	1.93183	0.00028	43.8848	250.000
1.7136	6169	43.8848	25.218	37.00	41.250	1304.503	31.859	-5.206	26.787	4.361	7.463	31.496	33.975	5.5316	1.93166	0.00028	43.8851	250.000
1.7139	6170	43.8851	25.218	37.00	41.250	1304.705	31.864	-5.206	26.788	4.361	7.463	31.496	33.975	5.5316	1.93148	0.00028	43.8854	250.000
1.7142	6171	43.8854	25.219	37.00	41.250	1304.907	31.868	-5.206	26.789	4.362	7.463	31.496	33.975	5.5316	1.93131	0.00028	43.8857	250.000
1.7144	6172	43.8857	25.219	37.00	41.250	1305.109	31.873	-5.206	26.790	4.362	7.463	31.496	33.975	5.5316	1.93113	0.00028	43.8859	250.000
1.7147	6173	43.8859	25.219	37.00	41.250	1305.311	31.878	-5.206	26.791	4.362	7.463	31.496	33.975	5.5316	1.93096	0.00028	43.8862	250.000
1.7150	6174	43.8862	25.220	37.00	41.250	1305.513	31.883	-5.206	26.792	4.362	7.462	31.496	33.975	5.5316	1.93078	0.00028	43.8865	250.000
1.7153	6175	43.8865	25.220	37.00	41.250	1305.715	31.888	-5.206	26.793	4.362	7.462	31.496	33.975	5.5316	1.93061	0.00028	43.8868	250.000
1.7156	6176	43.8868	25.220	37.00	41.250	1305.917	31.893	-5.206	26.794	4.362	7.462	31.496	33.975	5.5316	1.93044	0.00028	43.8870	250.000
1.7158	6177	43.8870	25.220	37.00	41.250	1306.119	31.898	-5.206	26.795	4.363	7.462	31.496	33.975	5.5316	1.93026	0.00028	43.8873	250.000
1.7161	6178	43.8873	25.221	37.00	41.250	1306.321	31.903	-5.206	26.796	4.363	7.462	31.496	33.975	5.5316	1.93009	0.00028	43.8876	250.000
1.7164	6179	43.8876	25.221	37.00	41.250	1306.523	31.908	-5.206	26.797	4.363	7.461	31.496	33.975	5.5316	1.92991	0.00028	43.8879	250.000
1.7167	6180	43.8879	25.221	37.00	41.250	1306.725	31.913	-5.206	26.798	4.363	7.461	31.496	33.975	5.5316	1.92974	0.00028	43.8881	250.000
1.7169	6181	43.8881	25.222	37.00	41.250	1306.927	31.918	-5.206	26.799	4.363	7.461	31.496	33.975	5.5316	1.92956	0.00028	43.8884	250.000
1.7172	6182	43.8884	25.222	37.00	41.250	1307.129	31.923	-5.206	26.801	4.363	7.461	31.496	33.975	5.5316	1.92939	0.00028	43.8887	250.000
1.7175	6183	43.8887	25.222	37.00	41.250	1307.332	31.928	-5.206	26.802	4.364	7.461	31.496	33.975	5.5316	1.92921	0.00028	43.8890	250.000
1.7178	6184	43.8890	25.222	37.00	41.250	1307.534	31.933	-5.206	26.803	4.364	7.461	31.496	33.975	5.5316	1.92904	0.00028	43.8892	250.000
1.7181	6185	43.8892	25.223	37.00	41.250	1307.736	31.938	-5.206	26.804	4.364	7.460	31.496	33.975	5.5316	1.92886	0.00028	43.8895	250.000
1.7183	6186	43.8895	25.223	37.00	41.250	1307.938	31.942	-5.206	26.805	4.364	7.460	31.496	33.975	5.5316	1.92869	0.00028	43.8898	250.000
1.7186	6187	43.8898	25.223	37.00	41.250	1308.140	31.947	-5.206	26.806	4.364	7.460	31.496	33.975	5.5316	1.92851	0.00028	43.8901	250.000
1.7189	6188	43.8901	25.223	37.00	41.250	1308.342	31.952	-5.206	26.807	4.365	7.460	31.496	33.975	5.5316	1.92834	0.00028	43.8903	250.000
1.7192	6189	43.8903	25.224	37.00	41.250	1308.544	31.957	-5.206	26.808	4.365	7.460	31.496	33.975	5.5316	1.92817	0.00028	43.8906	250.000
1.7194	6190	43.8906	25.224	37.00	41.250	1308.746	31.962	-5.206	26.809	4.365	7.460	31.496	33.975	5.5316	1.92799	0.00028	43.8909	250.000
1.7197	6191	43.8909	25.224	37.00	41.250	1308.948	31.967	-5.206	26.810	4.365	7.459	31.496	33.975	5.5316	1.92782	0.00028	43.8912	250.000
1.7200	6192	43.8912	25.225	37.00	41.250	1309.150	31.972	-5.206	26.811	4.365	7.459	31.496	33.975	5.5316	1.92764	0.00028	43.8914	250.000
1.7203	6193	43.8914	25.225	37.00	41.250	1309.352	31.977	-5.206	26.812	4.365	7.459	31.496	33.975	5.5316	1.92747	0.00028	43.8917	250.000
1.7206	6194	43.8917	25.225	37.00	41.250	1309.554	31.982	-5.206	26.813	4.366	7.459	31.496	33.975	5.5316	1.92729	0.00028	43.8920	250.000
1.7208	6195	43.8920	25.225	37.00	41.250	1309.756	31.987	-5.206	26.814	4.366	7.459	31.496	33.975	5.5316	1.92712	0.00028	43.8923	250.000
1.7211	6196	43.8923	25.226	37.00	41.250	1309.958	31.992	-5.206	26.816	4.366	7.458	31.496	33.975	5.5316	1.92694	0.00028	43.8925	250.000
1.7214	6197	43.8925	25.226	37.00	41.250	1310.160	31.997	-5.206	26.817	4.366	7.458	31.496	33.975	5.5316	1.92677	0.00028	43.8928	250.000
1.7217	6198	43.8928	25.226	37.00	41.250	1310.362	32.002	-5.206	26.818	4.366	7.458	31.496	33.975	5.5316	1.92660	0.00028	43.8931	250.000
1.7219	6199	43.8931	25.226	37.00	41.250	1310.564	32.007	-5.206	26.819	4.366	7.458	31.496	33.975	5.5316	1.92642	0.00028	43.8934	250.000
1.7222	6200	43.8934	25.227	37.00	41.250	1310.766	32.012	-5.206	26.820	4.367	7.458	31.496	33.975	5.5316	1.92625	0.00028	43.8936	250.000
1.7225	6201	43.8936	25.227	37.00	41.250	1310.968	32.016	-5.206	26.821	4.367	7.458	31.496	33.975	5.5316	1.92607	0.00028	43.8939	250.000
1.7228	6202	43.8939	25.227	37.00	41.250	1311.170	32.021	-5.206	26.822	4.367	7.457	31.496	33.975	5.5316	1.92590	0.00028	43.8942	250.000

1.7231	6203	43.8942	25.228	37.00	41.250	1311.372	32.026	-5.206	26.823	4.367	7.457	31.496	33.975	5.5316	1.92572	0.00028	43.8945	250.000
1.7233	6204	43.8945	25.228	37.00	41.250	1311.574	32.031	-5.206	26.824	4.367	7.457	31.496	33.975	5.5316	1.92555	0.00028	43.8947	250.000
1.7236	6205	43.8947	25.228	37.00	41.250	1311.776	32.036	-5.206	26.825	4.367	7.457	31.496	33.975	5.5316	1.92538	0.00028	43.8950	250.000
1.7239	6206	43.8950	25.228	37.00	41.250	1311.978	32.041	-5.206	26.826	4.368	7.457	31.496	33.975	5.5316	1.92520	0.00028	43.8953	250.000
1.7242	6207	43.8953	25.229	37.00	41.250	1312.180	32.046	-5.206	26.827	4.368	7.457	31.496	33.975	5.5316	1.92503	0.00028	43.8956	250.000
1.7244	6208	43.8956	25.229	37.00	41.250	1312.382	32.051	-5.206	26.828	4.368	7.456	31.496	33.975	5.5316	1.92485	0.00027	43.8958	250.000
1.7247	6209	43.8958	25.229	37.00	41.250	1312.584	32.056	-5.206	26.829	4.368	7.456	31.496	33.975	5.5316	1.92468	0.00027	43.8961	250.000
1.7250	6210	43.8961	25.230	37.00	41.250	1312.786	32.061	-5.206	26.831	4.368	7.456	31.496	33.975	5.5316	1.92450	0.00027	43.8964	250.000
1.7253	6211	43.8964	25.230	37.00	41.250	1312.988	32.066	-5.206	26.832	4.369	7.456	31.496	33.975	5.5316	1.92433	0.00027	43.8967	250.000
1.7256	6212	43.8967	25.230	37.00	41.250	1313.190	32.071	-5.206	26.833	4.369	7.456	31.496	33.975	5.5316	1.92416	0.00027	43.8969	250.000
1.7258	6213	43.8969	25.230	37.00	41.250	1313.392	32.076	-5.206	26.834	4.369	7.456	31.496	33.975	5.5316	1.92398	0.00027	43.8972	250.000
1.7261	6214	43.8972	25.231	37.00	41.250	1313.594	32.081	-5.206	26.835	4.369	7.455	31.496	33.975	5.5316	1.92381	0.00027	43.8975	250.000
1.7264	6215	43.8975	25.231	37.00	41.250	1313.796	32.086	-5.206	26.836	4.369	7.455	31.496	33.975	5.5316	1.92363	0.00027	43.8978	250.000
1.7267	6216	43.8978	25.231	37.00	41.250	1313.999	32.090	-5.206	26.837	4.369	7.455	31.496	33.975	5.5316	1.92346	0.00027	43.8980	250.000
1.7269	6217	43.8980	25.231	37.00	41.250	1314.201	32.095	-5.206	26.838	4.370	7.455	31.496	33.975	5.5316	1.92329	0.00027	43.8983	250.000
1.7272	6218	43.8983	25.232	37.00	41.250	1314.403	32.100	-5.206	26.839	4.370	7.455	31.496	33.975	5.5316	1.92311	0.00027	43.8986	250.000
1.7275	6219	43.8986	25.232	37.00	41.250	1314.605	32.105	-5.206	26.840	4.370	7.454	31.496	33.975	5.5316	1.92294	0.00027	43.8989	250.000
1.7278	6220	43.8989	25.232	37.00	41.250	1314.807	32.110	-5.206	26.841	4.370	7.454	31.496	33.975	5.5316	1.92276	0.00027	43.8991	250.000
1.7281	6221	43.8991	25.233	37.00	41.250	1315.009	32.115	-5.206	26.842	4.370	7.454	31.496	33.975	5.5316	1.92259	0.00027	43.8994	250.000
1.7283	6222	43.8994	25.233	37.00	41.250	1315.211	32.120	-5.206	26.843	4.370	7.454	31.496	33.975	5.5316	1.92242	0.00027	43.8997	250.000
1.7286	6223	43.8997	25.233	37.00	41.250	1315.413	32.125	-5.206	26.844	4.371	7.454	31.496	33.975	5.5316	1.92224	0.00027	43.9000	250.000
1.7289	6224	43.9000	25.233	37.00	41.250	1315.615	32.130	-5.206	26.846	4.371	7.454	31.496	33.975	5.5316	1.92207	0.00027	43.9002	250.000
1.7292	6225	43.9002	25.234	37.00	41.250	1315.817	32.135	-5.206	26.847	4.371	7.453	31.496	33.975	5.5316	1.92189	0.00027	43.9005	250.000
1.7294	6226	43.9005	25.234	37.00	41.250	1316.019	32.140	-5.206	26.848	4.371	7.453	31.496	33.975	5.5316	1.92172	0.00027	43.9008	250.000
1.7297	6227	43.9008	25.234	37.00	41.250	1316.221	32.145	-5.206	26.849	4.371	7.453	31.496	33.975	5.5316	1.92155	0.00027	43.9011	250.000
1.7300	6228	43.9011	25.234	37.00	41.250	1316.423	32.150	-5.206	26.850	4.372	7.453	31.496	33.975	5.5316	1.92137	0.00027	43.9013	250.000
1.7303	6229	43.9013	25.235	37.00	41.250	1316.625	32.155	-5.206	26.851	4.372	7.453	31.496	33.975	5.5316	1.92120	0.00027	43.9016	250.000
1.7306	6230	43.9016	25.235	37.00	41.250	1316.827	32.160	-5.206	26.852	4.372	7.453	31.496	33.975	5.5316	1.92102	0.00027	43.9019	250.000
1.7308	6231	43.9019	25.235	37.00	41.250	1317.029	32.164	-5.206	26.853	4.372	7.452	31.496	33.975	5.5316	1.92085	0.00027	43.9022	250.000
1.7311	6232	43.9022	25.236	37.00	41.250	1317.231	32.169	-5.206	26.854	4.372	7.452	31.496	33.975	5.5316	1.92068	0.00027	43.9024	250.000
1.7314	6233	43.9024	25.236	37.00	41.250	1317.433	32.174	-5.206	26.855	4.372	7.452	31.496	33.975	5.5316	1.92050	0.00027	43.9027	250.000
1.7317	6234	43.9027	25.236	37.00	41.250	1317.635	32.179	-5.206	26.856	4.373	7.452	31.496	33.975	5.5316	1.92033	0.00027	43.9030	250.000
1.7319	6235	43.9030	25.236	37.00	41.250	1317.837	32.184	-5.206	26.857	4.373	7.452	31.496	33.975	5.5316	1.92016	0.00027	43.9033	250.000
1.7322	6236	43.9033	25.237	37.00	41.250	1318.039	32.189	-5.206	26.858	4.373	7.452	31.496	33.975	5.5316	1.91998	0.00027	43.9035	250.000
1.7325	6237	43.9035	25.237	37.00	41.250	1318.241	32.194	-5.206	26.859	4.373	7.451	31.496	33.975	5.5316	1.91981	0.00027	43.9038	250.000
1.7328	6238	43.9038	25.237	37.00	41.250	1318.443	32.199	-5.206	26.860	4.373	7.451	31.496	33.975	5.5316	1.91963	0.00027	43.9041	250.000
1.7331	6239	43.9041	25.237	37.00	41.250	1318.645	32.204	-5.206	26.862	4.373	7.451	31.496	33.975	5.5316	1.91946	0.00027	43.9044	250.000
1.7333	6240	43.9044	25.238	37.00	41.250	1318.847	32.209	-5.206	26.863	4.374	7.451	31.496	33.975	5.5316	1.91929	0.00027	43.9046	250.000
1.7336	6241	43.9046	25.238	37.00	41.250	1319.049	32.214	-5.206	26.864	4.374	7.451	31.496	33.975	5.5316	1.91911	0.00027	43.9049	250.000
1.7339	6242	43.9049	25.238	37.00	41.250	1319.251	32.219	-5.206	26.865	4.374	7.450	31.496	33.975	5.5316	1.91894	0.00027	43.9052	250.000
1.7342	6243	43.9052	25.239	37.00	41.250	1319.453	32.224	-5.206	26.866	4.374	7.450	31.496	33.975	5.5316	1.91877	0.00027	43.9055	250.000
1.7344	6244	43.9055	25.239	37.00	41.250	1319.655	32.229	-5.206	26.867	4.374	7.450	31.496	33.975	5.5316	1.91859	0.00027	43.9057	250.000
1.7347	6245	43.9057	25.239	37.00	41.250	1319.857	32.234	-5.206	26.868	4.374	7.450	31.496	33.975	5.5316	1.91842	0.00027	43.9060	250.000
1.7350	6246	43.9060	25.239	37.00	41.250	1320.059	32.239	-5.206	26.869	4.375	7.450	31.496	33.975	5.5316	1.91825	0.00027	43.9063	250.000
1.7353	6247	43.9063	25.240	37.00	41.250	1320.261	32.243	-5.206	26.870	4.375	7.450	31.496	33.975	5.5316	1.91807	0.00027	43.9065	250.000
1.7356	6248	43.9065	25.240	37.00	41.250	1320.463	32.248	-5.206	26.871	4.375	7.449	31.496	33.975	5.5316	1.91790	0.00027	43.9068	250.000
1.7358	6249	43.9068	25.240	37.00	41.250	1320.665	32.253	-5.206	26.872	4.375	7.449	31.496	33.975	5.5316	1.91772	0.00027	43.9071	250.000
1.7361	6250	43.9071	25.240	37.00	41.250	1320.868	32.258	-5.206	26.873	4.375	7.449	31.496	33.975	5.5316	1.91755	0.00027	43.9074	250.000
1.7364	6251	43.9074	25.241	37.00	41.250	1321.070	32.263	-5.206	26.874	4.375	7.449	31.496	33.975	5.5316	1.91738	0.00027	43.9076	250.000
1.7367	6252	43.9076	25.241	37.00	41.250	1321.272	32.268	-5.206	26.875	4.376	7.449	31.496	33.975	5.5316	1.91720	0.00027	43.9079	250.000
1.7369	6253	43.9079	25.241	37.00	41.250	1321.474	32.273	-5.206	26.876	4.376	7.449	31.496	33.975	5.5316	1.91703	0.00027	43.9082	250.000
1.7372	6254	43.9082	25.242	37.00	41.250	1321.676	32.278	-5.206	26.878	4.376	7.448	31.496	33.975	5.5316	1.91686	0.00027	43.9085	250.000
1.7375	6255	43.9085	25.242	37.00	41.250	1321.878	32.283	-5.206	26.879	4.376	7.448	31.496	33.975	5.5316	1.91668	0.00027	43.9087	250.000
1.7378	6256	43.9087	25.242	37.00	41.250	1322.080	32.288	-5.206	26.880	4.376	7.448	31.496	33.975	5.5316	1.91651	0.00027	43.9090	250.000
1.7381	6257	43.9090	25.242	37.00	41.250	1322.282	32.293	-5.206	26.881	4.377	7.448	31.496	33.975	5.5316	1.91634	0.00027	43.9093	250.000
1.7383	6258	43.9093	25.243	37.00	41.250	1322.484	32.298	-5.206	26.882	4.377	7.448	31.496	33.975	5.5316	1.91616	0.00027	43.9096	250.000
1.7386	6259	43.9096	25.243	37.00	41.250	1322.686	32.303	-5.206	26.883	4.377	7.448	31.496	33.975	5.5316	1.91599	0.00027	43.9098	250.000
1.7389	6260	43.9098	25.243	37.00	41.250	1322.888	32.308	-5.206	26.884	4.377	7.447	31.496	33.975	5.5316	1.91582	0.00027	43.9101	250.000
1.7392	6261	43.9101	25.243	37.00	41.250	1323.090	32.313	-5.206	26.885	4.377	7.447	31.496	33.975	5.5316	1.91564	0.00027	43.9104	250.000
1.7394	6262	43.9104	25.244	37.00	41.250	1323.292	32.317	-5.206	26.886	4.377	7.447	31.496	33.975	5.5316	1.91547	0.00027	43.9107	250.000
1.7397	6263	43.9107	25.244	37.00	41.250	1323.494	32.322	-5.206	26.887	4.378	7.447	31.496	33.975	5.5316	1.91530	0.00027	43.9109	250.000
1.7400	6264	43.9109	25.244	37.00	41.250	1323.696	32.327	-5.206	26.888	4.378	7.447	31.496	33.975	5.5316	1.91512	0.00027	43.9112	250.000
1.7403	6265	43.9112	25.245	37.00	41.250	1323.898	32.332	-5.206	26.889	4.378	7.447	31.496	33.975	5.5316	1.91495	0.00027	43.9115	250.000
1.7406	6266	43.9115	25.245	37.00	41.250	1324.100	32.337	-5.206	26.890	4.378	7.446	31.496	33.975	5.5316	1.91478	0.00027	43.9118	250.000
1.7408	6267	43.9118	25.245	37.00	41.250	1324.302	32.342	-5.206	26.891	4.378	7.446	31.496	33.975	5.5316	1.91460	0.00027	43.9120	250.000
1.7411	6268	43.9120	25.245	37.00	41.250	1324.504	32.347	-5.206	26.892	4.378	7.446	31.496	33.975	5.5316	1.91443	0.00027	43.9123	250.000
1.7414	6269	43.9123	25.246	37.00	41.250	1324.706	32.352	-5.206	26.893	4.379	7.446	31.496	33.975	5.5316	1.91426	0.00027	43.9126	250.000
1.7417	6270	43.9126	25.246	37.00	41.250	1324.908	32.357	-5.206	26.895	4.379	7.446	31.496	33.975	5.5316	1.91408	0.00027	43.9128	250.000
1.7419	6271	43.9128	25.246	37.00	41.250	1325.110	32.362	-5.206	26.896	4.379	7.445	31.496	33.975	5.5316	1.91391	0.00027	43.9131	250.000
1.7422	6272	43.9131	25.247	37.00	41.250	1325.312	32.367	-5.206	26.897	4.379	7.445	31.496	33.975	5.5316	1.91374	0.00027	43.9134	250.000
1.7425	6273	43.9134	25.247	37.00	41.250	1325.514	32.372	-5.206	26.898	4.379	7.445	31.496	33.975	5.5316	1.91356	0.00027	43.9137	250.000
1.7428	6274	43.9137	25.247	37.00	41.250	1325.716	32.377	-5.206	26.899	4.379	7.445	31.496	33.975	5.5316	1.91339	0.00027	43.9139	250.000
1.7431	6275	43.9139	25.247	37.00	41.250	1325.918	32.382	-5.206	26.900	4.380	7.445	31.496	33.975	5.5316	1.91322	0.00027	43.9142	250.000
1.7433	6276	43.9142	25.248	37.00	41.250	1326.120	32.387	-5.206	26.901	4.380	7.445	31.496	33.975	5.5316	1.91304	0.00027	43.9145	250.000
1.7436	6277	43.9145	25.248	37.00	41.250	1326.322	32.391	-5.206	26.902	4.380	7.444	31.496	33.975	5.5316	1.91287	0.00027	43.9148	250.000
1.7439	6278	43.9148	25.248	37.00	41.250	1326.524	32.396	-5.206	26.903	4.380	7.444	31.496	33.975	5.5316	1.91270	0.00027	43.9150	250.000
1.7442	6279	43.9150	25.248	37.00	41.250	1326.726	32.401	-5.206	26.904	4.380	7.444	31.496	33.975	5.5316	1.91252	0.00027	43.9153	250.000
1.7444	6280	43.9153	25.249	37.00	41.250	1326.928	32.406	-5.206	26.905	4.381	7.444	31.496	33.975	5.5316	1.91235	0.00027	43.9156	250.000
1.7447	6281	43.9156	25.249	37.00	41.250	1327.130	32.411	-5.206	26.906	4.381	7.444	31.496	33.975	5.5316	1.91218	0.00027	43.9159	250.000
1.7450	6282	43.9159	25.249	37.00	41.250	1327.332	32.416	-5.206	26.907	4.381	7.444	31.496	33.975	5.5316	1.91201	0.00027	43.9161	250.000
1.7453	6283	43.9161	25.250	37.00	41.250	1327.535	32.421	-5.206	26.908	4.381	7.443	31.496	33.975	5.5316	1.91183	0.00027	43.9164	250.000

1.7456	6284	43.9164	25.250	37.00	41.250	1327.737	32.426	-5.206	26.909	4.381	7.443	31.496	33.975	5.5316	1.91166	0.00027	43.9167	250.000
1.7458	6285	43.9167	25.250	37.00	41.250	1327.939	32.431	-5.206	26.910	4.381	7.443	31.496	33.975	5.5316	1.91149	0.00027	43.9169	250.000
1.7461	6286	43.9169	25.250	37.00	41.250	1328.141	32.436	-5.206	26.912	4.382	7.443	31.496	33.975	5.5316	1.91131	0.00027	43.9172	250.000
1.7464	6287	43.9172	25.251	37.00	41.250	1328.343	32.441	-5.206	26.913	4.382	7.443	31.496	33.975	5.5316	1.91114	0.00027	43.9175	250.000
1.7467	6288	43.9175	25.251	37.00	41.250	1328.545	32.446	-5.206	26.914	4.382	7.443	31.496	33.975	5.5316	1.91097	0.00027	43.9178	250.000
1.7469	6289	43.9178	25.251	37.00	41.250	1328.747	32.451	-5.206	26.915	4.382	7.442	31.496	33.975	5.5316	1.91079	0.00027	43.9180	250.000
1.7472	6290	43.9180	25.251	37.00	41.250	1328.949	32.456	-5.206	26.916	4.382	7.442	31.496	33.975	5.5316	1.91062	0.00027	43.9183	250.000
1.7475	6291	43.9183	25.252	37.00	41.250	1329.151	32.461	-5.206	26.917	4.382	7.442	31.496	33.975	5.5316	1.91045	0.00027	43.9186	250.000
1.7478	6292	43.9186	25.252	37.00	41.250	1329.353	32.465	-5.206	26.918	4.383	7.442	31.496	33.975	5.5316	1.91028	0.00027	43.9189	250.000
1.7481	6293	43.9189	25.252	37.00	41.250	1329.555	32.470	-5.206	26.919	4.383	7.442	31.496	33.975	5.5316	1.91010	0.00027	43.9191	250.000
1.7483	6294	43.9191	25.253	37.00	41.250	1329.757	32.475	-5.206	26.920	4.383	7.441	31.496	33.975	5.5316	1.90993	0.00027	43.9194	250.000
1.7486	6295	43.9194	25.253	37.00	41.250	1329.959	32.480	-5.206	26.921	4.383	7.441	31.496	33.975	5.5316	1.90976	0.00027	43.9197	250.000
1.7489	6296	43.9197	25.253	37.00	41.250	1330.161	32.485	-5.206	26.922	4.383	7.441	31.496	33.975	5.5316	1.90958	0.00027	43.9199	250.000
1.7492	6297	43.9199	25.253	37.00	41.250	1330.363	32.490	-5.206	26.923	4.383	7.441	31.496	33.975	5.5316	1.90941	0.00027	43.9202	250.000
1.7494	6298	43.9202	25.254	37.00	41.250	1330.565	32.495	-5.206	26.924	4.384	7.441	31.496	33.975	5.5316	1.90924	0.00027	43.9205	250.000
1.7497	6299	43.9205	25.254	37.00	41.250	1330.767	32.500	-5.206	26.925	4.384	7.441	31.496	33.975	5.5316	1.90907	0.00027	43.9208	250.000
1.7500	6300	43.9208	25.254	37.00	41.250	1330.969	32.505	-5.206	26.926	4.384	7.440	31.496	33.975	5.5316	1.90889	0.00027	43.9210	250.000
1.7503	6301	43.9210	25.254	37.00	41.250	1331.171	32.510	-5.206	26.927	4.384	7.440	31.496	33.975	5.5316	1.90872	0.00027	43.9213	250.000
1.7506	6302	43.9213	25.255	37.00	41.250	1331.373	32.515	-5.206	26.929	4.384	7.440	31.496	33.975	5.5316	1.90855	0.00027	43.9216	250.000
1.7508	6303	43.9216	25.255	37.00	41.250	1331.575	32.520	-5.206	26.930	4.384	7.440	31.496	33.975	5.5316	1.90838	0.00027	43.9219	250.000
1.7511	6304	43.9219	25.255	37.00	41.250	1331.777	32.525	-5.206	26.931	4.385	7.440	31.496	33.975	5.5316	1.90820	0.00027	43.9221	250.000
1.7514	6305	43.9221	25.256	37.00	41.250	1331.979	32.530	-5.206	26.932	4.385	7.440	31.496	33.975	5.5316	1.90803	0.00027	43.9224	250.000
1.7517	6306	43.9224	25.256	37.00	41.250	1332.181	32.535	-5.206	26.933	4.385	7.439	31.496	33.975	5.5316	1.90786	0.00027	43.9227	250.000
1.7519	6307	43.9227	25.256	37.00	41.250	1332.383	32.539	-5.206	26.934	4.385	7.439	31.496	33.975	5.5316	1.90768	0.00027	43.9229	250.000
1.7522	6308	43.9229	25.256	37.00	41.250	1332.585	32.544	-5.206	26.935	4.385	7.439	31.496	33.975	5.5316	1.90751	0.00027	43.9232	250.000
1.7525	6309	43.9232	25.257	37.00	41.250	1332.787	32.549	-5.206	26.936	4.386	7.439	31.496	33.975	5.5316	1.90734	0.00027	43.9235	250.000
1.7528	6310	43.9235	25.257	37.00	41.250	1332.989	32.554	-5.206	26.937	4.386	7.439	31.496	33.975	5.5316	1.90717	0.00027	43.9238	250.000
1.7531	6311	43.9238	25.257	37.00	41.250	1333.191	32.559	-5.206	26.938	4.386	7.439	31.496	33.975	5.5316	1.90699	0.00027	43.9240	250.000
1.7533	6312	43.9240	25.257	37.00	41.250	1333.393	32.564	-5.206	26.939	4.386	7.438	31.496	33.975	5.5316	1.90682	0.00027	43.9243	250.000
1.7536	6313	43.9243	25.258	37.00	41.250	1333.595	32.569	-5.206	26.940	4.386	7.438	31.496	33.975	5.5316	1.90665	0.00027	43.9246	250.000
1.7539	6314	43.9246	25.258	37.00	41.250	1333.797	32.574	-5.206	26.941	4.386	7.438	31.496	33.975	5.5316	1.90648	0.00027	43.9249	250.000
1.7542	6315	43.9249	25.258	37.00	41.250	1333.999	32.579	-5.206	26.942	4.387	7.438	31.496	33.975	5.5316	1.90630	0.00027	43.9251	250.000
1.7544	6316	43.9251	25.259	37.00	41.250	1334.201	32.584	-5.206	26.943	4.387	7.438	31.496	33.975	5.5316	1.90613	0.00027	43.9254	250.000
1.7547	6317	43.9254	25.259	37.00	41.250	1334.404	32.589	-5.206	26.944	4.387	7.438	31.496	33.975	5.5316	1.90596	0.00027	43.9257	250.000
1.7550	6318	43.9257	25.259	37.00	41.250	1334.606	32.594	-5.206	26.946	4.387	7.437	31.496	33.975	5.5316	1.90579	0.00027	43.9259	250.000
1.7553	6319	43.9259	25.259	37.00	41.250	1334.808	32.599	-5.206	26.947	4.387	7.437	31.496	33.975	5.5316	1.90561	0.00027	43.9262	250.000
1.7556	6320	43.9262	25.260	37.00	41.250	1335.010	32.604	-5.206	26.948	4.387	7.437	31.496	33.975	5.5316	1.90544	0.00027	43.9265	250.000
1.7558	6321	43.9265	25.260	37.00	41.250	1335.212	32.609	-5.206	26.949	4.388	7.437	31.496	33.975	5.5316	1.90527	0.00027	43.9268	250.000
1.7561	6322	43.9268	25.260	37.00	41.250	1335.414	32.613	-5.206	26.950	4.388	7.437	31.496	33.975	5.5316	1.90510	0.00027	43.9270	250.000
1.7564	6323	43.9270	25.260	37.00	41.250	1335.616	32.618	-5.206	26.951	4.388	7.436	31.496	33.975	5.5316	1.90492	0.00027	43.9273	250.000
1.7567	6324	43.9273	25.261	37.00	41.250	1335.818	32.623	-5.206	26.952	4.388	7.436	31.496	33.975	5.5316	1.90475	0.00027	43.9276	250.000
1.7569	6325	43.9276	25.261	37.00	41.250	1336.020	32.628	-5.206	26.953	4.388	7.436	31.496	33.975	5.5316	1.90458	0.00027	43.9278	250.000
1.7572	6326	43.9278	25.261	37.00	41.250	1336.222	32.633	-5.206	26.954	4.388	7.436	31.496	33.975	5.5316	1.90441	0.00027	43.9281	250.000
1.7575	6327	43.9281	25.262	37.00	41.250	1336.424	32.638	-5.206	26.955	4.389	7.436	31.496	33.975	5.5316	1.90424	0.00027	43.9284	250.000
1.7578	6328	43.9284	25.262	37.00	41.250	1336.626	32.643	-5.206	26.956	4.389	7.436	31.496	33.975	5.5316	1.90406	0.00027	43.9287	250.000
1.7581	6329	43.9287	25.262	37.00	41.250	1336.828	32.648	-5.206	26.957	4.389	7.435	31.496	33.975	5.5316	1.90389	0.00027	43.9289	250.000
1.7583	6330	43.9289	25.262	37.00	41.250	1337.030	32.653	-5.206	26.958	4.389	7.435	31.496	33.975	5.5316	1.90372	0.00027	43.9292	250.000
1.7586	6331	43.9292	25.263	37.00	41.250	1337.232	32.658	-5.206	26.959	4.389	7.435	31.496	33.975	5.5316	1.90355	0.00027	43.9295	250.000
1.7589	6332	43.9295	25.263	37.00	41.250	1337.434	32.663	-5.206	26.960	4.390	7.435	31.496	33.975	5.5316	1.90337	0.00027	43.9297	250.000
1.7592	6333	43.9297	25.263	37.00	41.250	1337.636	32.668	-5.206	26.961	4.390	7.435	31.496	33.975	5.5316	1.90320	0.00027	43.9300	250.000
1.7594	6334	43.9300	25.263	37.00	41.250	1337.838	32.673	-5.206	26.962	4.390	7.435	31.496	33.975	5.5316	1.90303	0.00027	43.9303	250.000
1.7597	6335	43.9303	25.264	37.00	41.250	1338.040	32.678	-5.206	26.963	4.390	7.434	31.496	33.975	5.5316	1.90286	0.00027	43.9306	250.000
1.7600	6336	43.9306	25.264	37.00	41.250	1338.242	32.683	-5.206	26.965	4.390	7.434	31.496	33.975	5.5316	1.90268	0.00027	43.9308	250.000
1.7603	6337	43.9308	25.264	37.00	41.250	1338.444	32.687	-5.206	26.966	4.390	7.434	31.496	33.975	5.5316	1.90251	0.00027	43.9311	250.000
1.7606	6338	43.9311	25.264	37.00	41.250	1338.646	32.692	-5.206	26.967	4.391	7.434	31.496	33.975	5.5316	1.90234	0.00027	43.9314	250.000
1.7608	6339	43.9314	25.265	37.00	41.250	1338.848	32.697	-5.206	26.968	4.391	7.434	31.496	33.975	5.5316	1.90217	0.00027	43.9317	250.000
1.7611	6340	43.9317	25.265	37.00	41.250	1339.050	32.702	-5.206	26.969	4.391	7.434	31.496	33.975	5.5316	1.90200	0.00027	43.9319	250.000
1.7614	6341	43.9319	25.265	37.00	41.250	1339.252	32.707	-5.206	26.970	4.391	7.433	31.496	33.975	5.5316	1.90182	0.00027	43.9322	250.000
1.7617	6342	43.9322	25.266	37.00	41.250	1339.454	32.712	-5.206	26.971	4.391	7.433	31.496	33.975	5.5316	1.90165	0.00027	43.9325	250.000
1.7619	6343	43.9325	25.266	37.00	41.250	1339.656	32.717	-5.206	26.972	4.391	7.433	31.496	33.975	5.5316	1.90148	0.00027	43.9327	250.000
1.7622	6344	43.9327	25.266	37.00	41.250	1339.858	32.722	-5.206	26.973	4.392	7.433	31.496	33.975	5.5316	1.90131	0.00027	43.9330	250.000
1.7625	6345	43.9330	25.266	37.00	41.250	1340.060	32.727	-5.206	26.974	4.392	7.433	31.496	33.975	5.5316	1.90114	0.00027	43.9333	250.000
1.7628	6346	43.9333	25.267	37.00	41.250	1340.262	32.732	-5.206	26.975	4.392	7.433	31.496	33.975	5.5316	1.90096	0.00027	43.9336	250.000
1.7631	6347	43.9336	25.267	37.00	41.250	1340.464	32.737	-5.206	26.976	4.392	7.432	31.496	33.975	5.5316	1.90079	0.00027	43.9338	250.000
1.7633	6348	43.9338	25.267	37.00	41.250	1340.666	32.742	-5.206	26.977	4.392	7.432	31.496	33.975	5.5316	1.90062	0.00027	43.9341	250.000
1.7636	6349	43.9341	25.267	37.00	41.250	1340.868	32.747	-5.206	26.978	4.392	7.432	31.496	33.975	5.5316	1.90045	0.00027	43.9344	250.000
1.7639	6350	43.9344	25.268	37.00	41.250	1341.071	32.752	-5.206	26.979	4.393	7.432	31.496	33.975	5.5316	1.90028	0.00027	43.9346	250.000
1.7642	6351	43.9346	25.268	37.00	41.250	1341.273	32.757	-5.206	26.980	4.393	7.432	31.496	33.975	5.5316	1.90010	0.00027	43.9349	250.000
1.7644	6352	43.9349	25.268	37.00	41.250	1341.475	32.762	-5.206	26.981	4.393	7.431	31.496	33.975	5.5316	1.89993	0.00027	43.9352	250.000
1.7647	6353	43.9352	25.269	37.00	41.250	1341.677	32.766	-5.206	26.983	4.393	7.431	31.496	33.975	5.5316	1.89976	0.00027	43.9355	250.000
1.7650	6354	43.9355	25.269	37.00	41.250	1341.879	32.771	-5.206	26.984	4.393	7.431	31.496	33.975	5.5316	1.89959	0.00027	43.9357	250.000
1.7653	6355	43.9357	25.269	37.00	41.250	1342.081	32.776	-5.206	26.985	4.393	7.431	31.496	33.975	5.5316	1.89942	0.00027	43.9360	250.000
1.7656	6356	43.9360	25.269	37.00	41.250	1342.283	32.781	-5.206	26.986	4.394	7.431	31.496	33.975	5.5316	1.89924	0.00027	43.9363	250.000
1.7658	6357	43.9363	25.270	37.00	41.250	1342.485	32.786	-5.206	26.987	4.394	7.431	31.496	33.975	5.5316	1.89907	0.00027	43.9365	250.000
1.7661	6358	43.9365	25.270	37.00	41.250	1342.687	32.791	-5.206	26.988	4.394	7.430	31.496	33.975	5.5316	1.89890	0.00027	43.9368	250.000
1.7664	6359	43.9368	25.270	37.00	41.250	1342.889	32.796	-5.206	26.989	4.394	7.430	31.496	33.975	5.5316	1.89873	0.00027	43.9371	250.000
1.7667	6360	43.9371	25.270	37.00	41.250	1343.091	32.801	-5.206	26.990	4.394	7.430	31.496	33.975	5.5316	1.89856	0.00027	43.9374	250.000
1.7669	6361	43.9374	25.271	37.00	41.250	1343.293	32.806	-5.206	26.991	4.394	7.430	31.496	33.975	5.5316	1.89839	0.00027	43.9376	250.000
1.7672	6362	43.9376	25.271	37.00	41.250	1343.495	32.811	-5.206	26.992	4.395	7.430	31.496	33.975	5.5316	1.89821	0.00027	43.9379	250.000
1.7675	6363	43.9379	25.271	37.00	41.250	1343.697	32.816	-5.206	26.993	4.395	7.430	31.496	33.975	5.5316	1.89804	0.00027	43.9382	250.000
1.7678	6364	43.9382	25.272	37.00	41.250	1343.899	32.821	-5.206	26.994	4.395	7.429	31.496	33.975	5.5316	1.89787	0.00027	43.9384	250.000

1.7681	6365	43.9384	25.272	37.00	41.250	1344.101	32.826	-5.206	26.995	4.395	7.429	31.496	33.975	5.5316	1.89770	0.00027	43.9387	250.000
1.7683	6366	43.9387	25.272	37.00	41.250	1344.303	32.831	-5.206	26.996	4.395	7.429	31.496	33.975	5.5316	1.89753	0.00027	43.9390	250.000
1.7686	6367	43.9390	25.272	37.00	41.250	1344.505	32.836	-5.206	26.997	4.396	7.429	31.496	33.975	5.5316	1.89735	0.00027	43.9393	250.000
1.7689	6368	43.9393	25.273	37.00	41.250	1344.707	32.840	-5.206	26.998	4.396	7.429	31.496	33.975	5.5316	1.89718	0.00027	43.9395	250.000
1.7692	6369	43.9395	25.273	37.00	41.250	1344.909	32.845	-5.206	26.999	4.396	7.429	31.496	33.975	5.5316	1.89701	0.00027	43.9398	250.000
1.7694	6370	43.9398	25.273	37.00	41.250	1345.111	32.850	-5.206	27.000	4.396	7.428	31.496	33.975	5.5316	1.89684	0.00027	43.9401	250.000
1.7697	6371	43.9401	25.273	37.00	41.250	1345.313	32.855	-5.206	27.002	4.396	7.428	31.496	33.975	5.5316	1.89667	0.00027	43.9403	250.000
1.7700	6372	43.9403	25.274	37.00	41.250	1345.515	32.860	-5.206	27.003	4.396	7.428	31.496	33.975	5.5316	1.89650	0.00027	43.9406	250.000
1.7703	6373	43.9406	25.274	37.00	41.250	1345.717	32.865	-5.206	27.004	4.397	7.428	31.496	33.975	5.5316	1.89632	0.00027	43.9409	250.000
1.7706	6374	43.9409	25.274	37.00	41.250	1345.919	32.870	-5.206	27.005	4.397	7.428	31.496	33.975	5.5316	1.89615	0.00027	43.9411	250.000
1.7708	6375	43.9411	25.275	37.00	41.250	1346.121	32.875	-5.206	27.006	4.397	7.428	31.496	33.975	5.5316	1.89598	0.00027	43.9414	250.000
1.7711	6376	43.9414	25.275	37.00	41.250	1346.323	32.880	-5.206	27.007	4.397	7.427	31.496	33.975	5.5316	1.89581	0.00027	43.9417	250.000
1.7714	6377	43.9417	25.275	37.00	41.250	1346.525	32.885	-5.206	27.008	4.397	7.427	31.496	33.975	5.5316	1.89564	0.00027	43.9420	250.000
1.7717	6378	43.9420	25.275	37.00	41.250	1346.727	32.890	-5.206	27.009	4.397	7.427	31.496	33.975	5.5316	1.89547	0.00027	43.9422	250.000
1.7719	6379	43.9422	25.276	37.00	41.250	1346.929	32.895	-5.206	27.010	4.398	7.427	31.496	33.975	5.5316	1.89530	0.00027	43.9425	250.000
1.7722	6380	43.9425	25.276	37.00	41.250	1347.131	32.900	-5.206	27.011	4.398	7.427	31.496	33.975	5.5316	1.89512	0.00027	43.9428	250.000
1.7725	6381	43.9428	25.276	37.00	41.250	1347.333	32.905	-5.206	27.012	4.398	7.427	31.496	33.975	5.5316	1.89495	0.00027	43.9430	250.000
1.7728	6382	43.9430	25.276	37.00	41.250	1347.535	32.910	-5.206	27.013	4.398	7.426	31.496	33.975	5.5316	1.89478	0.00027	43.9433	250.000
1.7731	6383	43.9433	25.277	37.00	41.250	1347.738	32.914	-5.206	27.014	4.398	7.426	31.496	33.975	5.5316	1.89461	0.00027	43.9436	250.000
1.7733	6384	43.9436	25.277	37.00	41.250	1347.940	32.919	-5.206	27.015	4.398	7.426	31.496	33.975	5.5316	1.89444	0.00027	43.9439	250.000
1.7736	6385	43.9439	25.277	37.00	41.250	1348.142	32.924	-5.206	27.016	4.399	7.426	31.496	33.975	5.5316	1.89427	0.00027	43.9441	250.000
1.7739	6386	43.9441	25.278	37.00	41.250	1348.344	32.929	-5.206	27.017	4.399	7.426	31.496	33.975	5.5316	1.89409	0.00027	43.9444	250.000
1.7742	6387	43.9444	25.278	37.00	41.250	1348.546	32.934	-5.206	27.018	4.399	7.425	31.496	33.975	5.5316	1.89392	0.00027	43.9447	250.000
1.7744	6388	43.9447	25.278	37.00	41.250	1348.748	32.939	-5.206	27.019	4.399	7.425	31.496	33.975	5.5316	1.89375	0.00027	43.9449	250.000
1.7747	6389	43.9449	25.278	37.00	41.250	1348.950	32.944	-5.206	27.020	4.399	7.425	31.496	33.975	5.5316	1.89358	0.00027	43.9452	250.000
1.7750	6390	43.9452	25.279	37.00	41.250	1349.152	32.949	-5.206	27.022	4.399	7.425	31.496	33.975	5.5316	1.89341	0.00027	43.9455	250.000
1.7753	6391	43.9455	25.279	37.00	41.250	1349.354	32.954	-5.206	27.023	4.400	7.425	31.496	33.975	5.5316	1.89324	0.00027	43.9457	250.000
1.7756	6392	43.9457	25.279	37.00	41.250	1349.556	32.959	-5.206	27.024	4.400	7.425	31.496	33.975	5.5316	1.89307	0.00027	43.9460	250.000
1.7758	6393	43.9460	25.279	37.00	41.250	1349.758	32.964	-5.206	27.025	4.400	7.424	31.496	33.975	5.5316	1.89290	0.00027	43.9463	250.000
1.7761	6394	43.9463	25.280	37.00	41.250	1349.960	32.969	-5.206	27.026	4.400	7.424	31.496	33.975	5.5316	1.89272	0.00027	43.9466	250.000
1.7764	6395	43.9466	25.280	37.00	41.250	1350.162	32.974	-5.206	27.027	4.400	7.424	31.496	33.975	5.5316	1.89255	0.00027	43.9468	250.000
1.7767	6396	43.9468	25.280	37.00	41.250	1350.364	32.979	-5.206	27.028	4.400	7.424	31.496	33.975	5.5316	1.89238	0.00027	43.9471	250.000
1.7769	6397	43.9471	25.280	37.00	41.250	1350.566	32.984	-5.206	27.029	4.401	7.424	31.496	33.975	5.5316	1.89221	0.00027	43.9474	250.000
1.7772	6398	43.9474	25.281	37.00	41.250	1350.768	32.988	-5.206	27.030	4.401	7.424	31.496	33.975	5.5316	1.89204	0.00027	43.9476	250.000
1.7775	6399	43.9476	25.281	37.00	41.250	1350.970	32.993	-5.206	27.031	4.401	7.423	31.496	33.975	5.5316	1.89187	0.00027	43.9479	250.000
1.7778	6400	43.9479	25.281	37.00	41.250	1351.172	32.998	-5.206	27.032	4.401	7.423	31.496	33.975	5.5316	1.89170	0.00027	43.9482	250.000
1.7781	6401	43.9482	25.282	37.00	41.250	1351.374	33.003	-5.206	27.033	4.401	7.423	31.496	33.975	5.5316	1.89153	0.00027	43.9485	250.000
1.7783	6402	43.9485	25.282	37.00	41.250	1351.576	33.008	-5.206	27.034	4.402	7.423	31.496	33.975	5.5316	1.89135	0.00027	43.9487	250.000
1.7786	6403	43.9487	25.282	37.00	41.250	1351.778	33.013	-5.206	27.035	4.402	7.423	31.496	33.975	5.5316	1.89118	0.00027	43.9490	250.000
1.7789	6404	43.9490	25.282	37.00	41.250	1351.980	33.018	-5.206	27.036	4.402	7.423	31.496	33.975	5.5316	1.89101	0.00027	43.9493	250.000
1.7792	6405	43.9493	25.283	37.00	41.250	1352.182	33.023	-5.206	27.037	4.402	7.422	31.496	33.975	5.5316	1.89084	0.00027	43.9495	250.000
1.7794	6406	43.9495	25.283	37.00	41.250	1352.384	33.028	-5.206	27.038	4.402	7.422	31.496	33.975	5.5316	1.89067	0.00027	43.9498	250.000
1.7797	6407	43.9498	25.283	37.00	41.250	1352.586	33.033	-5.206	27.039	4.402	7.422	31.496	33.975	5.5316	1.89050	0.00027	43.9501	250.000
1.7800	6408	43.9501	25.283	37.00	41.250	1352.788	33.038	-5.206	27.040	4.403	7.422	31.496	33.975	5.5316	1.89033	0.00027	43.9503	250.000
1.7803	6409	43.9503	25.284	37.00	41.250	1352.990	33.043	-5.206	27.042	4.403	7.422	31.496	33.975	5.5316	1.89016	0.00027	43.9506	250.000
1.7806	6410	43.9506	25.284	37.00	41.250	1353.192	33.048	-5.206	27.043	4.403	7.422	31.496	33.975	5.5316	1.88999	0.00027	43.9509	250.000
1.7808	6411	43.9509	25.284	37.00	41.250	1353.394	33.053	-5.206	27.044	4.403	7.421	31.496	33.975	5.5316	1.88981	0.00027	43.9512	250.000
1.7811	6412	43.9512	25.285	37.00	41.250	1353.596	33.058	-5.206	27.045	4.403	7.421	31.496	33.975	5.5316	1.88964	0.00027	43.9514	250.000
1.7814	6413	43.9514	25.285	37.00	41.250	1353.798	33.062	-5.206	27.046	4.403	7.421	31.496	33.975	5.5316	1.88947	0.00027	43.9517	250.000
1.7817	6414	43.9517	25.285	37.00	41.250	1354.000	33.067	-5.206	27.047	4.404	7.421	31.496	33.975	5.5316	1.88930	0.00027	43.9520	250.000
1.7819	6415	43.9520	25.285	37.00	41.250	1354.202	33.072	-5.206	27.048	4.404	7.421	31.496	33.975	5.5316	1.88913	0.00027	43.9522	250.000
1.7822	6416	43.9522	25.286	37.00	41.250	1354.404	33.077	-5.206	27.049	4.404	7.421	31.496	33.975	5.5316	1.88896	0.00027	43.9525	250.000
1.7825	6417	43.9525	25.286	37.00	41.250	1354.607	33.082	-5.206	27.050	4.404	7.420	31.496	33.975	5.5316	1.88879	0.00027	43.9528	250.000
1.7828	6418	43.9528	25.286	37.00	41.250	1354.809	33.087	-5.206	27.051	4.404	7.420	31.496	33.975	5.5316	1.88862	0.00027	43.9530	250.000
1.7831	6419	43.9530	25.286	37.00	41.250	1355.011	33.092	-5.206	27.052	4.404	7.420	31.496	33.975	5.5316	1.88845	0.00027	43.9533	250.000
1.7833	6420	43.9533	25.287	37.00	41.250	1355.213	33.097	-5.206	27.053	4.405	7.420	31.496	33.975	5.5316	1.88828	0.00027	43.9536	250.000
1.7836	6421	43.9536	25.287	37.00	41.250	1355.415	33.102	-5.206	27.054	4.405	7.420	31.496	33.975	5.5316	1.88811	0.00027	43.9539	250.000
1.7839	6422	43.9539	25.287	37.00	41.250	1355.617	33.107	-5.206	27.055	4.405	7.419	31.496	33.975	5.5316	1.88793	0.00027	43.9541	250.000
1.7842	6423	43.9541	25.288	37.00	41.250	1355.819	33.112	-5.206	27.056	4.405	7.419	31.496	33.975	5.5316	1.88776	0.00027	43.9544	250.000
1.7844	6424	43.9544	25.288	37.00	41.250	1356.021	33.117	-5.206	27.057	4.405	7.419	31.496	33.975	5.5316	1.88759	0.00027	43.9547	250.000
1.7847	6425	43.9547	25.288	37.00	41.250	1356.223	33.122	-5.206	27.058	4.405	7.419	31.496	33.975	5.5316	1.88742	0.00027	43.9549	250.000
1.7850	6426	43.9549	25.288	37.00	41.250	1356.425	33.127	-5.206	27.059	4.406	7.419	31.496	33.975	5.5316	1.88725	0.00027	43.9552	250.000
1.7853	6427	43.9552	25.289	37.00	41.250	1356.627	33.132	-5.206	27.060	4.406	7.419	31.496	33.975	5.5316	1.88708	0.00027	43.9555	250.000
1.7856	6428	43.9555	25.289	37.00	41.250	1356.829	33.136	-5.206	27.061	4.406	7.418	31.496	33.975	5.5316	1.88691	0.00027	43.9557	250.000
1.7858	6429	43.9557	25.289	37.00	41.250	1357.031	33.141	-5.206	27.062	4.406	7.418	31.496	33.975	5.5316	1.88674	0.00027	43.9560	250.000
1.7861	6430	43.9560	25.289	37.00	41.250	1357.233	33.146	-5.206	27.064	4.406	7.418	31.496	33.975	5.5316	1.88657	0.00027	43.9563	250.000
1.7864	6431	43.9563	25.290	37.00	41.250	1357.435	33.151	-5.206	27.065	4.406	7.418	31.496	33.975	5.5316	1.88640	0.00027	43.9565	250.000
1.7867	6432	43.9565	25.290	37.00	41.250	1357.637	33.156	-5.206	27.066	4.407	7.418	31.496	33.975	5.5316	1.88623	0.00027	43.9568	250.000
1.7869	6433	43.9568	25.290	37.00	41.250	1357.839	33.161	-5.206	27.067	4.407	7.418	31.496	33.975	5.5316	1.88606	0.00027	43.9571	250.000
1.7872	6434	43.9571	25.290	37.00	41.250	1358.041	33.166	-5.206	27.068	4.407	7.417	31.496	33.975	5.5316	1.88589	0.00027	43.9574	250.000
1.7875	6435	43.9574	25.291	37.00	41.250	1358.243	33.171	-5.206	27.069	4.407	7.417	31.496	33.975	5.5316	1.88571	0.00027	43.9576	250.000
1.7878	6436	43.9576	25.291	37.00	41.250	1358.445	33.176	-5.206	27.070	4.407	7.417	31.496	33.975	5.5316	1.88554	0.00027	43.9579	250.000
1.7881	6437	43.9579	25.291	37.00	41.250	1358.647	33.181	-5.206	27.071	4.408	7.417	31.496	33.975	5.5316	1.88537	0.00027	43.9582	250.000
1.7883	6438	43.9582	25.292	37.00	41.250	1358.849	33.186	-5.206	27.072	4.408	7.417	31.496	33.975	5.5316	1.88520	0.00027	43.9584	250.000
1.7886	6439	43.9584	25.292	37.00	41.250	1359.051	33.191	-5.206	27.073	4.408	7.417	31.496	33.975	5.5316	1.88503	0.00027	43.9587	250.000
1.7889	6440	43.9587	25.292	37.00	41.250	1359.253	33.196	-5.206	27.074	4.408	7.416	31.496	33.975	5.5316	1.88486	0.00027	43.9590	250.000
1.7892	6441	43.9590	25.292	37.00	41.250	1359.455	33.201	-5.206	27.075	4.408	7.416	31.496	33.975	5.5316	1.88469	0.00027	43.9592	250.000
1.7894	6442	43.9592	25.293	37.00	41.250	1359.657	33.206	-5.206	27.076	4.408	7.416	31.496	33.975	5.5316	1.88452	0.00027	43.9595	250.000
1.7897	6443	43.9595	25.293	37.00	41.250	1359.859	33.210	-5.206	27.077	4.409	7.416	31.496	33.975	5.5316	1.88435	0.00027	43.9598	250.000
1.7900	6444	43.9598	25.293	37.00	41.250	1360.061	33.215	-5.206	27.078	4.409	7.416	31.496	33.975	5.5316	1.88418	0.00027	43.9600	250.000
1.7903	6445	43.9600	25.293	37.00	41.250	1360.263	33.220	-5.206	27.079	4.409	7.416	31.496	33.975	5.5316	1.88401	0.00027	43.9603	250.000

1.7906	6446	43.9603	25.294	37.00	41.250	1360.465	33.225	-5.206	27.080	4.409	7.415	31.496	33.975	5.5316	1.88384	0.00027	43.9606	250.000
1.7908	6447	43.9606	25.294	37.00	41.250	1360.667	33.230	-5.206	27.081	4.409	7.415	31.496	33.975	5.5316	1.88367	0.00027	43.9609	250.000
1.7911	6448	43.9609	25.294	37.00	41.250	1360.869	33.235	-5.206	27.082	4.409	7.415	31.496	33.975	5.5316	1.88350	0.00027	43.9611	250.000
1.7914	6449	43.9611	25.295	37.00	41.250	1361.071	33.240	-5.206	27.083	4.410	7.415	31.496	33.975	5.5316	1.88333	0.00027	43.9614	250.000
1.7917	6450	43.9614	25.295	37.00	41.250	1361.274	33.245	-5.206	27.084	4.410	7.415	31.496	33.975	5.5316	1.88316	0.00027	43.9617	250.000
1.7919	6451	43.9617	25.295	37.00	41.250	1361.476	33.250	-5.206	27.086	4.410	7.415	31.496	33.975	5.5316	1.88299	0.00027	43.9619	250.000
1.7922	6452	43.9619	25.295	37.00	41.250	1361.678	33.255	-5.206	27.087	4.410	7.414	31.496	33.975	5.5316	1.88282	0.00027	43.9622	250.000
1.7925	6453	43.9622	25.296	37.00	41.250	1361.880	33.260	-5.206	27.088	4.410	7.414	31.496	33.975	5.5316	1.88265	0.00027	43.9625	250.000
1.7928	6454	43.9625	25.296	37.00	41.250	1362.082	33.265	-5.206	27.089	4.410	7.414	31.496	33.975	5.5316	1.88247	0.00027	43.9627	250.000
1.7931	6455	43.9627	25.296	37.00	41.250	1362.284	33.270	-5.206	27.090	4.411	7.414	31.496	33.975	5.5316	1.88230	0.00027	43.9630	250.000
1.7933	6456	43.9630	25.296	37.00	41.250	1362.486	33.275	-5.206	27.091	4.411	7.414	31.496	33.975	5.5316	1.88213	0.00027	43.9633	250.000
1.7936	6457	43.9633	25.297	37.00	41.250	1362.688	33.280	-5.206	27.092	4.411	7.414	31.496	33.975	5.5316	1.88196	0.00027	43.9635	250.000
1.7939	6458	43.9635	25.297	37.00	41.250	1362.890	33.285	-5.206	27.093	4.411	7.413	31.496	33.975	5.5316	1.88179	0.00027	43.9638	250.000
1.7942	6459	43.9638	25.297	37.00	41.250	1363.092	33.289	-5.206	27.094	4.411	7.413	31.496	33.975	5.5316	1.88162	0.00027	43.9641	250.000
1.7944	6460	43.9641	25.297	37.00	41.250	1363.294	33.294	-5.206	27.095	4.411	7.413	31.496	33.975	5.5316	1.88145	0.00027	43.9644	250.000
1.7947	6461	43.9644	25.298	37.00	41.250	1363.496	33.299	-5.206	27.096	4.412	7.413	31.496	33.975	5.5316	1.88128	0.00027	43.9646	250.000
1.7950	6462	43.9646	25.298	37.00	41.250	1363.698	33.304	-5.206	27.097	4.412	7.413	31.496	33.975	5.5316	1.88111	0.00027	43.9649	250.000
1.7953	6463	43.9649	25.298	37.00	41.250	1363.900	33.309	-5.206	27.098	4.412	7.412	31.496	33.975	5.5316	1.88094	0.00027	43.9652	250.000
1.7956	6464	43.9652	25.299	37.00	41.250	1364.102	33.314	-5.206	27.099	4.412	7.412	31.496	33.975	5.5316	1.88077	0.00027	43.9654	250.000
1.7958	6465	43.9654	25.299	37.00	41.250	1364.304	33.319	-5.206	27.100	4.412	7.412	31.496	33.975	5.5316	1.88060	0.00027	43.9657	250.000
1.7961	6466	43.9657	25.299	37.00	41.250	1364.506	33.324	-5.206	27.101	4.412	7.412	31.496	33.975	5.5316	1.88043	0.00027	43.9660	250.000
1.7964	6467	43.9660	25.299	37.00	41.250	1364.708	33.329	-5.206	27.102	4.413	7.412	31.496	33.975	5.5316	1.88026	0.00027	43.9662	250.000
1.7967	6468	43.9662	25.300	37.00	41.250	1364.910	33.334	-5.206	27.103	4.413	7.412	31.496	33.975	5.5316	1.88009	0.00027	43.9665	250.000
1.7969	6469	43.9665	25.300	37.00	41.250	1365.112	33.339	-5.206	27.104	4.413	7.411	31.496	33.975	5.5316	1.87992	0.00027	43.9668	250.000
1.7972	6470	43.9668	25.300	37.00	41.250	1365.314	33.344	-5.206	27.105	4.413	7.411	31.496	33.975	5.5316	1.87975	0.00027	43.9670	250.000
1.7975	6471	43.9670	25.300	37.00	41.250	1365.516	33.349	-5.206	27.106	4.413	7.411	31.496	33.975	5.5316	1.87958	0.00027	43.9673	250.000
1.7978	6472	43.9673	25.301	37.00	41.250	1365.718	33.354	-5.206	27.108	4.413	7.411	31.496	33.975	5.5316	1.87941	0.00027	43.9676	250.000
1.7981	6473	43.9676	25.301	37.00	41.250	1365.920	33.359	-5.206	27.109	4.414	7.411	31.496	33.975	5.5316	1.87924	0.00027	43.9678	250.000
1.7983	6474	43.9678	25.301	37.00	41.250	1366.122	33.363	-5.206	27.110	4.414	7.411	31.496	33.975	5.5316	1.87907	0.00027	43.9681	250.000
1.7986	6475	43.9681	25.302	37.00	41.250	1366.324	33.368	-5.206	27.111	4.414	7.410	31.496	33.975	5.5316	1.87890	0.00027	43.9684	250.000
1.7989	6476	43.9684	25.302	37.00	41.250	1366.526	33.373	-5.206	27.112	4.414	7.410	31.496	33.975	5.5316	1.87873	0.00027	43.9686	250.000
1.7992	6477	43.9686	25.302	37.00	41.250	1366.728	33.378	-5.206	27.113	4.414	7.410	31.496	33.975	5.5316	1.87856	0.00027	43.9689	250.000
1.7994	6478	43.9689	25.302	37.00	41.250	1366.930	33.383	-5.206	27.114	4.414	7.410	31.496	33.975	5.5316	1.87839	0.00027	43.9692	250.000
1.7997	6479	43.9692	25.303	37.00	41.250	1367.132	33.388	-5.206	27.115	4.415	7.410	31.496	33.975	5.5316	1.87822	0.00027	43.9695	250.000
1.8000	6480	43.9695	25.303	37.00	41.250	1367.334	33.393	-5.206	27.116	4.415	7.410	31.496	33.975	5.5316	1.87805	0.00027	43.9697	250.000
1.8003	6481	43.9697	25.303	37.00	41.250	1367.536	33.398	-5.206	27.117	4.415	7.409	31.496	33.975	5.5316	1.87788	0.00027	43.9700	250.000
1.8006	6482	43.9700	25.303	37.00	41.250	1367.738	33.403	-5.206	27.118	4.415	7.409	31.496	33.975	5.5316	1.87771	0.00027	43.9703	250.000
1.8008	6483	43.9703	25.304	37.00	41.250	1367.941	33.408	-5.206	27.119	4.415	7.409	31.496	33.975	5.5316	1.87754	0.00027	43.9705	250.000
1.8011	6484	43.9705	25.304	37.00	41.250	1368.143	33.413	-5.206	27.120	4.416	7.409	31.496	33.975	5.5316	1.87737	0.00027	43.9708	250.000
1.8014	6485	43.9708	25.304	37.00	41.250	1368.345	33.418	-5.206	27.121	4.416	7.409	31.496	33.975	5.5316	1.87720	0.00027	43.9711	250.000
1.8017	6486	43.9711	25.304	37.00	41.250	1368.547	33.423	-5.206	27.122	4.416	7.409	31.496	33.975	5.5316	1.87703	0.00027	43.9713	250.000
1.8019	6487	43.9713	25.305	37.00	41.250	1368.749	33.428	-5.206	27.123	4.416	7.408	31.496	33.975	5.5316	1.87686	0.00027	43.9716	250.000
1.8022	6488	43.9716	25.305	37.00	41.250	1368.951	33.433	-5.206	27.124	4.416	7.408	31.496	33.975	5.5316	1.87669	0.00027	43.9719	250.000
1.8025	6489	43.9719	25.305	37.00	41.250	1369.153	33.437	-5.206	27.125	4.416	7.408	31.496	33.975	5.5316	1.87652	0.00027	43.9721	250.000
1.8028	6490	43.9721	25.306	37.00	41.250	1369.355	33.442	-5.206	27.126	4.417	7.408	31.496	33.975	5.5316	1.87635	0.00027	43.9724	250.000
1.8031	6491	43.9724	25.306	37.00	41.250	1369.557	33.447	-5.206	27.127	4.417	7.408	31.496	33.975	5.5316	1.87618	0.00027	43.9727	250.000
1.8033	6492	43.9727	25.306	37.00	41.250	1369.759	33.452	-5.206	27.128	4.417	7.408	31.496	33.975	5.5316	1.87601	0.00027	43.9729	250.000
1.8036	6493	43.9729	25.306	37.00	41.250	1369.961	33.457	-5.206	27.129	4.417	7.407	31.496	33.975	5.5316	1.87584	0.00027	43.9732	250.000
1.8039	6494	43.9732	25.307	37.00	41.250	1370.163	33.462	-5.206	27.130	4.417	7.407	31.496	33.975	5.5316	1.87567	0.00027	43.9735	250.000
1.8042	6495	43.9735	25.307	37.00	41.250	1370.365	33.467	-5.206	27.132	4.417	7.407	31.496	33.975	5.5316	1.87550	0.00027	43.9737	250.000
1.8044	6496	43.9737	25.307	37.00	41.250	1370.567	33.472	-5.206	27.133	4.418	7.407	31.496	33.975	5.5316	1.87533	0.00027	43.9740	250.000
1.8047	6497	43.9740	25.307	37.00	41.250	1370.769	33.477	-5.206	27.134	4.418	7.407	31.496	33.975	5.5316	1.87516	0.00027	43.9743	250.000
1.8050	6498	43.9743	25.308	37.00	41.250	1370.971	33.482	-5.206	27.135	4.418	7.407	31.496	33.975	5.5316	1.87499	0.00027	43.9745	250.000
1.8053	6499	43.9745	25.308	37.00	41.250	1371.173	33.487	-5.206	27.136	4.418	7.406	31.496	33.975	5.5316	1.87482	0.00027	43.9748	250.000
1.8056	6500	43.9748	25.308	37.00	41.250	1371.375	33.492	-5.206	27.137	4.418	7.406	31.496	33.975	5.5316	1.87465	0.00027	43.9751	250.000
1.8058	6501	43.9751	25.308	37.00	41.250	1371.577	33.497	-5.206	27.138	4.418	7.406	31.496	33.975	5.5316	1.87448	0.00027	43.9754	250.000
1.8061	6502	43.9754	25.309	37.00	41.250	1371.779	33.502	-5.206	27.139	4.419	7.406	31.496	33.975	5.5316	1.87432	0.00027	43.9756	250.000
1.8064	6503	43.9756	25.309	37.00	41.250	1371.981	33.507	-5.206	27.140	4.419	7.406	31.496	33.975	5.5316	1.87415	0.00027	43.9759	250.000
1.8067	6504	43.9759	25.309	37.00	41.250	1372.183	33.511	-5.206	27.141	4.419	7.406	31.496	33.975	5.5316	1.87398	0.00027	43.9762	250.000
1.8069	6505	43.9762	25.310	37.00	41.250	1372.385	33.516	-5.206	27.142	4.419	7.405	31.496	33.975	5.5316	1.87381	0.00027	43.9764	250.000
1.8072	6506	43.9764	25.310	37.00	41.250	1372.587	33.521	-5.206	27.143	4.419	7.405	31.496	33.975	5.5316	1.87364	0.00027	43.9767	250.000
1.8075	6507	43.9767	25.310	37.00	41.250	1372.789	33.526	-5.206	27.144	4.419	7.405	31.496	33.975	5.5316	1.87347	0.00027	43.9770	250.000
1.8078	6508	43.9770	25.310	37.00	41.250	1372.991	33.531	-5.206	27.145	4.420	7.405	31.496	33.975	5.5316	1.87330	0.00027	43.9772	250.000
1.8081	6509	43.9772	25.311	37.00	41.250	1373.193	33.536	-5.206	27.146	4.420	7.405	31.496	33.975	5.5316	1.87313	0.00027	43.9775	250.000
1.8083	6510	43.9775	25.311	37.00	41.250	1373.395	33.541	-5.206	27.147	4.420	7.405	31.496	33.975	5.5316	1.87296	0.00027	43.9778	250.000
1.8086	6511	43.9778	25.311	37.00	41.250	1373.597	33.546	-5.206	27.148	4.420	7.404	31.496	33.975	5.5316	1.87279	0.00027	43.9780	250.000
1.8089	6512	43.9780	25.311	37.00	41.250	1373.799	33.551	-5.206	27.149	4.420	7.404	31.496	33.975	5.5316	1.87262	0.00027	43.9783	250.000
1.8092	6513	43.9783	25.312	37.00	41.250	1374.001	33.556	-5.206	27.150	4.420	7.404	31.496	33.975	5.5316	1.87245	0.00027	43.9786	250.000
1.8094	6514	43.9786	25.312	37.00	41.250	1374.203	33.561	-5.206	27.151	4.421	7.404	31.496	33.975	5.5316	1.87228	0.00027	43.9788	250.000
1.8097	6515	43.9788	25.312	37.00	41.250	1374.405	33.566	-5.206	27.152	4.421	7.404	31.496	33.975	5.5316	1.87211	0.00027	43.9791	250.000
1.8100	6516	43.9791	25.312	37.00	41.250	1374.607	33.571	-5.206	27.153	4.421	7.403	31.496	33.975	5.5316	1.87194	0.00027	43.9794	250.000
1.8103	6517	43.9794	25.313	37.00	41.250	1374.810	33.576	-5.206	27.154	4.421	7.403	31.496	33.975	5.5316	1.87177	0.00027	43.9796	250.000
1.8106	6518	43.9796	25.313	37.00	41.250	1375.012	33.581	-5.206	27.155	4.421	7.403	31.496	33.975	5.5316	1.87160	0.00027	43.9799	250.000
1.8108	6519	43.9799	25.313	37.00	41.250	1375.214	33.585	-5.206	27.156	4.421	7.403	31.496	33.975	5.5316	1.87143	0.00027	43.9802	250.000
1.8111	6520	43.9802	25.314	37.00	41.250	1375.416	33.590	-5.206	27.158	4.422	7.403	31.496	33.975	5.5316	1.87126	0.00027	43.9804	250.000
1.8114	6521	43.9804	25.314	37.00	41.250	1375.618	33.595	-5.206	27.159	4.422	7.403	31.496	33.975	5.5316	1.87110	0.00027	43.9807	250.000
1.8117	6522	43.9807	25.314	37.00	41.250	1375.820	33.600	-5.206	27.160	4.422	7.402	31.496	33.975	5.5316	1.87093	0.00027	43.9810	250.000
1.8119	6523	43.9810	25.314	37.00	41.250	1376.022	33.605	-5.206	27.161	4.422	7.402	31.496	33.975	5.5316	1.87076	0.00027	43.9812	250.000
1.8122	6524	43.9812	25.315	37.00	41.250	1376.224	33.610	-5.206	27.162	4.422	7.402	31.496	33.975	5.5316	1.87059	0.00027	43.9815	250.000
1.8125	6525	43.9815	25.315	37.00	41.250	1376.426	33.615	-5.206	27.163	4.422	7.402	31.496	33.975	5.5316	1.87042	0.00027	43.9818	250.000
1.8128	6526	43.9818	25.315	37.00	41.250	1376.628	33.620	-5.206	27.164	4.423	7.402	31.496	33.975	5.5316	1.87025	0.00027	43.9820	250.000

1.8131	6527	43.9820	25.315	37.00	41.250	1376.830	33.625	-5.206	27.165	4.423	7.402	31.496	33.975	5.5316	1.87008	0.00027	43.9823	250.000
1.8133	6528	43.9823	25.316	37.00	41.250	1377.032	33.630	-5.206	27.166	4.423	7.401	31.496	33.975	5.5316	1.86991	0.00027	43.9826	250.000
1.8136	6529	43.9826	25.316	37.00	41.250	1377.234	33.635	-5.206	27.167	4.423	7.401	31.496	33.975	5.5316	1.86974	0.00027	43.9828	250.000
1.8139	6530	43.9828	25.316	37.00	41.250	1377.436	33.640	-5.206	27.168	4.423	7.401	31.496	33.975	5.5316	1.86957	0.00027	43.9831	250.000
1.8142	6531	43.9831	25.316	37.00	41.250	1377.638	33.645	-5.206	27.169	4.423	7.401	31.496	33.975	5.5316	1.86940	0.00027	43.9834	250.000
1.8144	6532	43.9834	25.317	37.00	41.250	1377.840	33.650	-5.206	27.170	4.424	7.401	31.496	33.975	5.5316	1.86923	0.00027	43.9836	250.000
1.8147	6533	43.9836	25.317	37.00	41.250	1378.042	33.655	-5.206	27.171	4.424	7.401	31.496	33.975	5.5316	1.86906	0.00027	43.9839	250.000
1.8150	6534	43.9839	25.317	37.00	41.250	1378.244	33.659	-5.206	27.172	4.424	7.400	31.496	33.975	5.5316	1.86890	0.00027	43.9842	250.000
1.8153	6535	43.9842	25.318	37.00	41.250	1378.446	33.664	-5.206	27.173	4.424	7.400	31.496	33.975	5.5316	1.86873	0.00027	43.9844	250.000
1.8156	6536	43.9844	25.318	37.00	41.250	1378.648	33.669	-5.206	27.174	4.424	7.400	31.496	33.975	5.5316	1.86856	0.00027	43.9847	250.000
1.8158	6537	43.9847	25.318	37.00	41.250	1378.850	33.674	-5.206	27.175	4.424	7.400	31.496	33.975	5.5316	1.86839	0.00027	43.9850	250.000
1.8161	6538	43.9850	25.318	37.00	41.250	1379.052	33.679	-5.206	27.176	4.425	7.400	31.496	33.975	5.5316	1.86822	0.00027	43.9852	250.000
1.8164	6539	43.9852	25.319	37.00	41.250	1379.254	33.684	-5.206	27.177	4.425	7.400	31.496	33.975	5.5316	1.86805	0.00027	43.9855	250.000
1.8167	6540	43.9855	25.319	37.00	41.250	1379.456	33.689	-5.206	27.178	4.425	7.399	31.496	33.975	5.5316	1.86788	0.00027	43.9858	250.000
1.8169	6541	43.9858	25.319	37.00	41.250	1379.658	33.694	-5.206	27.179	4.425	7.399	31.496	33.975	5.5316	1.86771	0.00027	43.9860	250.000
1.8172	6542	43.9860	25.319	37.00	41.250	1379.860	33.699	-5.206	27.180	4.425	7.399	31.496	33.975	5.5316	1.86754	0.00027	43.9863	250.000
1.8175	6543	43.9863	25.320	37.00	41.250	1380.062	33.704	-5.206	27.181	4.426	7.399	31.496	33.975	5.5316	1.86737	0.00027	43.9866	250.000
1.8178	6544	43.9866	25.320	37.00	41.250	1380.264	33.709	-5.206	27.182	4.426	7.399	31.496	33.975	5.5316	1.86720	0.00027	43.9868	250.000
1.8181	6545	43.9868	25.320	37.00	41.250	1380.466	33.714	-5.206	27.184	4.426	7.399	31.496	33.975	5.5316	1.86704	0.00027	43.9871	250.000
1.8183	6546	43.9871	25.320	37.00	41.250	1380.668	33.719	-5.206	27.185	4.426	7.398	31.496	33.975	5.5316	1.86687	0.00027	43.9874	250.000
1.8186	6547	43.9874	25.321	37.00	41.250	1380.870	33.724	-5.206	27.186	4.426	7.398	31.496	33.975	5.5316	1.86670	0.00027	43.9876	250.000
1.8189	6548	43.9876	25.321	37.00	41.250	1381.072	33.729	-5.206	27.187	4.426	7.398	31.496	33.975	5.5316	1.86653	0.00027	43.9879	250.000
1.8192	6549	43.9879	25.321	37.00	41.250	1381.274	33.733	-5.206	27.188	4.427	7.398	31.496	33.975	5.5316	1.86636	0.00027	43.9882	250.000
1.8194	6550	43.9882	25.322	37.00	41.250	1381.477	33.738	-5.206	27.189	4.427	7.398	31.496	33.975	5.5316	1.86619	0.00027	43.9884	250.000
1.8197	6551	43.9884	25.322	37.00	41.250	1381.679	33.743	-5.206	27.190	4.427	7.398	31.496	33.975	5.5316	1.86602	0.00027	43.9887	250.000
1.8200	6552	43.9887	25.322	37.00	41.250	1381.881	33.748	-5.206	27.191	4.427	7.397	31.496	33.975	5.5316	1.86585	0.00027	43.9890	250.000
1.8203	6553	43.9890	25.322	37.00	41.250	1382.083	33.753	-5.206	27.192	4.427	7.397	31.496	33.975	5.5316	1.86568	0.00027	43.9892	250.000
1.8206	6554	43.9892	25.323	37.00	41.250	1382.285	33.758	-5.206	27.193	4.427	7.397	31.496	33.975	5.5316	1.86552	0.00027	43.9895	250.000
1.8208	6555	43.9895	25.323	37.00	41.250	1382.487	33.763	-5.206	27.194	4.428	7.397	31.496	33.975	5.5316	1.86535	0.00027	43.9898	250.000
1.8211	6556	43.9898	25.323	37.00	41.250	1382.689	33.768	-5.206	27.195	4.428	7.397	31.496	33.975	5.5316	1.86518	0.00027	43.9900	250.000
1.8214	6557	43.9900	25.323	37.00	41.250	1382.891	33.773	-5.206	27.196	4.428	7.397	31.496	33.975	5.5316	1.86501	0.00027	43.9903	250.000
1.8217	6558	43.9903	25.324	37.00	41.250	1383.093	33.778	-5.206	27.197	4.428	7.396	31.496	33.975	5.5316	1.86484	0.00027	43.9906	250.000
1.8219	6559	43.9906	25.324	37.00	41.250	1383.295	33.783	-5.206	27.198	4.428	7.396	31.496	33.975	5.5316	1.86467	0.00027	43.9908	250.000
1.8222	6560	43.9908	25.324	37.00	41.250	1383.497	33.788	-5.206	27.199	4.428	7.396	31.496	33.975	5.5316	1.86450	0.00027	43.9911	250.000
1.8225	6561	43.9911	25.324	37.00	41.250	1383.699	33.793	-5.206	27.200	4.429	7.396	31.496	33.975	5.5316	1.86433	0.00027	43.9914	250.000
1.8228	6562	43.9914	25.325	37.00	41.250	1383.901	33.798	-5.206	27.201	4.429	7.396	31.496	33.975	5.5316	1.86417	0.00027	43.9916	250.000
1.8231	6563	43.9916	25.325	37.00	41.250	1384.103	33.803	-5.206	27.202	4.429	7.396	31.496	33.975	5.5316	1.86400	0.00027	43.9919	250.000
1.8233	6564	43.9919	25.325	37.00	41.250	1384.305	33.808	-5.206	27.203	4.429	7.395	31.496	33.975	5.5316	1.86383	0.00027	43.9922	250.000
1.8236	6565	43.9922	25.326	37.00	41.250	1384.507	33.812	-5.206	27.204	4.429	7.395	31.496	33.975	5.5316	1.86366	0.00027	43.9924	250.000
1.8239	6566	43.9924	25.326	37.00	41.250	1384.709	33.817	-5.206	27.205	4.429	7.395	31.496	33.975	5.5316	1.86349	0.00027	43.9927	250.000
1.8242	6567	43.9927	25.326	37.00	41.250	1384.911	33.822	-5.206	27.206	4.430	7.395	31.496	33.975	5.5316	1.86332	0.00027	43.9930	250.000
1.8244	6568	43.9930	25.326	37.00	41.250	1385.113	33.827	-5.206	27.207	4.430	7.395	31.496	33.975	5.5316	1.86315	0.00027	43.9932	250.000
1.8247	6569	43.9932	25.327	37.00	41.250	1385.315	33.832	-5.206	27.208	4.430	7.395	31.496	33.975	5.5316	1.86299	0.00027	43.9935	250.000
1.8250	6570	43.9935	25.327	37.00	41.250	1385.517	33.837	-5.206	27.209	4.430	7.394	31.496	33.975	5.5316	1.86282	0.00027	43.9938	250.000
1.8253	6571	43.9938	25.327	37.00	41.250	1385.719	33.842	-5.206	27.210	4.430	7.394	31.496	33.975	5.5316	1.86265	0.00027	43.9940	250.000
1.8256	6572	43.9940	25.327	37.00	41.250	1385.921	33.847	-5.206	27.211	4.430	7.394	31.496	33.975	5.5316	1.86248	0.00027	43.9943	250.000
1.8258	6573	43.9943	25.328	37.00	41.250	1386.123	33.852	-5.206	27.213	4.431	7.394	31.496	33.975	5.5316	1.86231	0.00027	43.9946	250.000
1.8261	6574	43.9946	25.328	37.00	41.250	1386.325	33.857	-5.206	27.214	4.431	7.394	31.496	33.975	5.5316	1.86214	0.00027	43.9948	250.000
1.8264	6575	43.9948	25.328	37.00	41.250	1386.527	33.862	-5.206	27.215	4.431	7.394	31.496	33.975	5.5316	1.86197	0.00027	43.9951	250.000
1.8267	6576	43.9951	25.328	37.00	41.250	1386.729	33.867	-5.206	27.216	4.431	7.393	31.496	33.975	5.5316	1.86181	0.00027	43.9954	250.000
1.8269	6577	43.9954	25.329	37.00	41.250	1386.931	33.872	-5.206	27.217	4.431	7.393	31.496	33.975	5.5316	1.86164	0.00027	43.9956	250.000
1.8272	6578	43.9956	25.329	37.00	41.250	1387.133	33.877	-5.206	27.218	4.431	7.393	31.496	33.975	5.5316	1.86147	0.00027	43.9959	250.000
1.8275	6579	43.9959	25.329	37.00	41.250	1387.335	33.882	-5.206	27.219	4.432	7.393	31.496	33.975	5.5316	1.86130	0.00027	43.9962	250.000
1.8278	6580	43.9962	25.330	37.00	41.250	1387.537	33.886	-5.206	27.220	4.432	7.393	31.496	33.975	5.5316	1.86113	0.00027	43.9964	250.000
1.8281	6581	43.9964	25.330	37.00	41.250	1387.739	33.891	-5.206	27.221	4.432	7.393	31.496	33.975	5.5316	1.86096	0.00027	43.9967	250.000
1.8283	6582	43.9967	25.330	37.00	41.250	1387.941	33.896	-5.206	27.222	4.432	7.392	31.496	33.975	5.5316	1.86079	0.00027	43.9970	250.000
1.8286	6583	43.9970	25.330	37.00	41.250	1388.143	33.901	-5.206	27.223	4.432	7.392	31.496	33.975	5.5316	1.86063	0.00027	43.9972	250.000
1.8289	6584	43.9972	25.331	37.00	41.250	1388.346	33.906	-5.206	27.224	4.432	7.392	31.496	33.975	5.5316	1.86046	0.00027	43.9975	250.000
1.8292	6585	43.9975	25.331	37.00	41.250	1388.548	33.911	-5.206	27.225	4.433	7.392	31.496	33.975	5.5316	1.86029	0.00027	43.9978	250.000
1.8294	6586	43.9978	25.331	37.00	41.250	1388.750	33.916	-5.206	27.226	4.433	7.392	31.496	33.975	5.5316	1.86012	0.00027	43.9980	250.000
1.8297	6587	43.9980	25.331	37.00	41.250	1388.952	33.921	-5.206	27.227	4.433	7.392	31.496	33.975	5.5316	1.85995	0.00027	43.9983	250.000
1.8300	6588	43.9983	25.332	37.00	41.250	1389.154	33.926	-5.206	27.228	4.433	7.391	31.496	33.975	5.5316	1.85978	0.00027	43.9986	250.000
1.8303	6589	43.9986	25.332	37.00	41.250	1389.356	33.931	-5.206	27.229	4.433	7.391	31.496	33.975	5.5316	1.85962	0.00027	43.9988	250.000
1.8306	6590	43.9988	25.332	37.00	41.250	1389.558	33.936	-5.206	27.230	4.433	7.391	31.496	33.975	5.5316	1.85945	0.00027	43.9991	250.000
1.8308	6591	43.9991	25.332	37.00	41.250	1389.760	33.941	-5.206	27.231	4.434	7.391	31.496	33.975	5.5316	1.85928	0.00027	43.9994	250.000
1.8311	6592	43.9994	25.333	37.00	41.250	1389.962	33.946	-5.206	27.232	4.434	7.391	31.496	33.975	5.5316	1.85911	0.00027	43.9996	250.000
1.8314	6593	43.9996	25.333	37.00	41.250	1390.164	33.951	-5.206	27.233	4.434	7.390	31.496	33.975	5.5316	1.85894	0.00027	43.9999	250.000
1.8317	6594	43.9999	25.333	37.00	41.250	1390.366	33.956	-5.206	27.234	4.434	7.390	31.496	33.975	5.5316	1.85877	0.00027	44.0001	250.000
1.8319	6595	44.0001	25.334	37.00	41.250	1390.568	33.960	-5.206	27.235	4.434	7.390	31.496	33.975	5.5316	1.85861	0.00027	44.0004	250.000
1.8322	6596	44.0004	25.334	37.00	41.250	1390.770	33.965	-5.206	27.236	4.434	7.390	31.496	33.975	5.5316	1.85844	0.00027	44.0007	250.000
1.8325	6597	44.0007	25.334	37.00	41.250	1390.972	33.970	-5.206	27.237	4.435	7.390	31.496	33.975	5.5316	1.85827	0.00027	44.0009	250.000
1.8328	6598	44.0009	25.334	37.00	41.250	1391.174	33.975	-5.206	27.238	4.435	7.390	31.496	33.975	5.5316	1.85810	0.00027	44.0012	250.000
1.8331	6599	44.0012	25.335	37.00	41.250	1391.376	33.980	-5.206	27.239	4.435	7.389	31.496	33.975	5.5316	1.85793	0.00027	44.0015	250.000
1.8333	6600	44.0015	25.335	37.00	41.250	1391.578	33.985	-5.206	27.240	4.435	7.389	31.496	33.975	5.5316	1.85777	0.00027	44.0017	250.000
1.8336	6601	44.0017	25.335	37.00	41.250	1391.780	33.990	-5.206	27.241	4.435	7.389	31.496	33.975	5.5316	1.85760	0.00027	44.0020	250.000
1.8339	6602	44.0020	25.335	37.00	41.250	1391.982	33.995	-5.206	27.243	4.435	7.389	31.496	33.975	5.5316	1.85743	0.00027	44.0023	250.000
1.8342	6603	44.0023	25.336	37.00	41.250	1392.184	34.000	-5.206	27.244	4.436	7.389	31.496	33.975	5.5316	1.85726	0.00027	44.0025	250.000
1.8344	6604	44.0025	25.336	37.00	41.250	1392.386	34.005	-5.206	27.245	4.436	7.389	31.496	33.975	5.5316	1.85709	0.00027	44.0028	250.000
1.8347	6605	44.0028	25.336	37.00	41.250	1392.588	34.010	-5.206	27.246	4.436	7.388	31.496	33.975	5.5316	1.85693	0.00027	44.0031	250.000
1.8350	6606	44.0031	25.336	37.00	41.250	1392.790	34.015	-5.206	27.247	4.436	7.388	31.496	33.975	5.5316	1.85676	0.00027	44.0033	250.000
1.8353	6607	44.0033	25.337	37.00	41.250	1392.992	34.020	-5.206	27.248	4.436	7.388	31.496	33.975	5.5316	1.85659	0.00027	44.0036	250.000

1.8356	6608	44.0036	25.337	37.00	41.250	1393.194	34.025	-5.206	27.249	4.436	7.388	31.496	33.975	5.5316	1.85642	0.00027	44.0039	250.000
1.8358	6609	44.0039	25.337	37.00	41.250	1393.396	34.030	-5.206	27.250	4.437	7.388	31.496	33.975	5.5316	1.85625	0.00027	44.0041	250.000
1.8361	6610	44.0041	25.338	37.00	41.250	1393.598	34.034	-5.206	27.251	4.437	7.388	31.496	33.975	5.5316	1.85609	0.00027	44.0044	250.000
1.8364	6611	44.0044	25.338	37.00	41.250	1393.800	34.039	-5.206	27.252	4.437	7.387	31.496	33.975	5.5316	1.85592	0.00027	44.0047	250.000
1.8367	6612	44.0047	25.338	37.00	41.250	1394.002	34.044	-5.206	27.253	4.437	7.387	31.496	33.975	5.5316	1.85575	0.00027	44.0049	250.000
1.8369	6613	44.0049	25.338	37.00	41.250	1394.204	34.049	-5.206	27.254	4.437	7.387	31.496	33.975	5.5316	1.85558	0.00027	44.0052	250.000
1.8372	6614	44.0052	25.339	37.00	41.250	1394.406	34.054	-5.206	27.255	4.437	7.387	31.496	33.975	5.5316	1.85541	0.00027	44.0055	250.000
1.8375	6615	44.0055	25.339	37.00	41.250	1394.608	34.059	-5.206	27.256	4.438	7.387	31.496	33.975	5.5316	1.85525	0.00027	44.0057	250.000
1.8378	6616	44.0057	25.339	37.00	41.250	1394.810	34.064	-5.206	27.257	4.438	7.387	31.496	33.975	5.5316	1.85508	0.00027	44.0060	250.000
1.8381	6617	44.0060	25.339	37.00	41.250	1395.013	34.069	-5.206	27.258	4.438	7.386	31.496	33.975	5.5316	1.85491	0.00026	44.0062	250.000
1.8383	6618	44.0062	25.340	37.00	41.250	1395.215	34.074	-5.206	27.259	4.438	7.386	31.496	33.975	5.5316	1.85474	0.00026	44.0065	250.000
1.8386	6619	44.0065	25.340	37.00	41.250	1395.417	34.079	-5.206	27.260	4.438	7.386	31.496	33.975	5.5316	1.85457	0.00026	44.0068	250.000
1.8389	6620	44.0068	25.340	37.00	41.250	1395.619	34.084	-5.206	27.261	4.438	7.386	31.496	33.975	5.5316	1.85441	0.00026	44.0070	250.000
1.8392	6621	44.0070	25.340	37.00	41.250	1395.821	34.089	-5.206	27.262	4.439	7.386	31.496	33.975	5.5316	1.85424	0.00026	44.0073	250.000
1.8394	6622	44.0073	25.341	37.00	41.250	1396.023	34.094	-5.206	27.263	4.439	7.386	31.496	33.975	5.5316	1.85407	0.00026	44.0076	250.000
1.8397	6623	44.0076	25.341	37.00	41.250	1396.225	34.099	-5.206	27.264	4.439	7.385	31.496	33.975	5.5316	1.85390	0.00026	44.0078	250.000
1.8400	6624	44.0078	25.341	37.00	41.250	1396.427	34.104	-5.206	27.265	4.439	7.385	31.496	33.975	5.5316	1.85374	0.00026	44.0081	250.000
1.8403	6625	44.0081	25.341	37.00	41.250	1396.629	34.108	-5.206	27.266	4.439	7.385	31.496	33.975	5.5316	1.85357	0.00026	44.0084	250.000
1.8406	6626	44.0084	25.342	37.00	41.250	1396.831	34.113	-5.206	27.267	4.439	7.385	31.496	33.975	5.5316	1.85340	0.00026	44.0086	250.000
1.8408	6627	44.0086	25.342	37.00	41.250	1397.033	34.118	-5.206	27.268	4.440	7.385	31.496	33.975	5.5316	1.85323	0.00026	44.0089	250.000
1.8411	6628	44.0089	25.342	37.00	41.250	1397.235	34.123	-5.206	27.269	4.440	7.385	31.496	33.975	5.5316	1.85306	0.00026	44.0092	250.000
1.8414	6629	44.0092	25.343	37.00	41.250	1397.437	34.128	-5.206	27.270	4.440	7.384	31.496	33.975	5.5316	1.85290	0.00026	44.0094	250.000
1.8417	6630	44.0094	25.343	37.00	41.250	1397.639	34.133	-5.206	27.271	4.440	7.384	31.496	33.975	5.5316	1.85273	0.00026	44.0097	250.000
1.8419	6631	44.0097	25.343	37.00	41.250	1397.841	34.138	-5.206	27.272	4.440	7.384	31.496	33.975	5.5316	1.85256	0.00026	44.0100	250.000
1.8422	6632	44.0100	25.343	37.00	41.250	1398.043	34.143	-5.206	27.273	4.440	7.384	31.496	33.975	5.5316	1.85239	0.00026	44.0102	250.000
1.8425	6633	44.0102	25.344	37.00	41.250	1398.245	34.148	-5.206	27.274	4.441	7.384	31.496	33.975	5.5316	1.85223	0.00026	44.0105	250.000
1.8428	6634	44.0105	25.344	37.00	41.250	1398.447	34.153	-5.206	27.276	4.441	7.384	31.496	33.975	5.5316	1.85206	0.00026	44.0108	250.000
1.8431	6635	44.0108	25.344	37.00	41.250	1398.649	34.158	-5.206	27.277	4.441	7.383	31.496	33.975	5.5316	1.85189	0.00026	44.0110	250.000
1.8433	6636	44.0110	25.344	37.00	41.250	1398.851	34.163	-5.206	27.278	4.441	7.383	31.496	33.975	5.5316	1.85172	0.00026	44.0113	250.000
1.8436	6637	44.0113	25.345	37.00	41.250	1399.053	34.168	-5.206	27.279	4.441	7.383	31.496	33.975	5.5316	1.85156	0.00026	44.0115	250.000
1.8439	6638	44.0115	25.345	37.00	41.250	1399.255	34.173	-5.206	27.280	4.441	7.383	31.496	33.975	5.5316	1.85139	0.00026	44.0118	250.000
1.8442	6639	44.0118	25.345	37.00	41.250	1399.457	34.178	-5.206	27.281	4.442	7.383	31.496	33.975	5.5316	1.85122	0.00026	44.0121	250.000
1.8444	6640	44.0121	25.345	37.00	41.250	1399.659	34.182	-5.206	27.282	4.442	7.383	31.496	33.975	5.5316	1.85105	0.00026	44.0123	250.000
1.8447	6641	44.0123	25.346	37.00	41.250	1399.861	34.187	-5.206	27.283	4.442	7.382	31.496	33.975	5.5316	1.85089	0.00026	44.0126	250.000
1.8450	6642	44.0126	25.346	37.00	41.250	1400.063	34.192	-5.206	27.284	4.442	7.382	31.496	33.975	5.5316	1.85072	0.00026	44.0129	250.000
1.8453	6643	44.0129	25.346	37.00	41.250	1400.265	34.197	-5.206	27.285	4.442	7.382	31.496	33.975	5.5316	1.85055	0.00026	44.0131	250.000
1.8456	6644	44.0131	25.347	37.00	41.250	1400.467	34.202	-5.206	27.286	4.442	7.382	31.496	33.975	5.5316	1.85038	0.00026	44.0134	250.000
1.8458	6645	44.0134	25.347	37.00	41.250	1400.669	34.207	-5.206	27.287	4.443	7.382	31.496	33.975	5.5316	1.85022	0.00026	44.0137	250.000
1.8461	6646	44.0137	25.347	37.00	41.250	1400.871	34.212	-5.206	27.288	4.443	7.382	31.496	33.975	5.5316	1.85005	0.00026	44.0139	250.000
1.8464	6647	44.0139	25.347	37.00	41.250	1401.073	34.217	-5.206	27.289	4.443	7.381	31.496	33.975	5.5316	1.84988	0.00026	44.0142	250.000
1.8467	6648	44.0142	25.348	37.00	41.250	1401.275	34.222	-5.206	27.290	4.443	7.381	31.496	33.975	5.5316	1.84971	0.00026	44.0145	250.000
1.8469	6649	44.0145	25.348	37.00	41.250	1401.477	34.227	-5.206	27.291	4.443	7.381	31.496	33.975	5.5316	1.84955	0.00026	44.0147	250.000
1.8472	6650	44.0147	25.348	37.00	41.250	1401.680	34.232	-5.206	27.292	4.443	7.381	31.496	33.975	5.5316	1.84938	0.00026	44.0150	250.000
1.8475	6651	44.0150	25.348	37.00	41.250	1401.882	34.237	-5.206	27.293	4.444	7.381	31.496	33.975	5.5316	1.84921	0.00026	44.0152	250.000
1.8478	6652	44.0152	25.349	37.00	41.250	1402.084	34.242	-5.206	27.294	4.444	7.381	31.496	33.975	5.5316	1.84904	0.00026	44.0155	250.000
1.8481	6653	44.0155	25.349	37.00	41.250	1402.286	34.247	-5.206	27.295	4.444	7.380	31.496	33.975	5.5316	1.84888	0.00026	44.0158	250.000
1.8483	6654	44.0158	25.349	37.00	41.250	1402.488	34.252	-5.206	27.296	4.444	7.380	31.496	33.975	5.5316	1.84871	0.00026	44.0160	250.000
1.8486	6655	44.0160	25.349	37.00	41.250	1402.690	34.256	-5.206	27.297	4.444	7.380	31.496	33.975	5.5316	1.84854	0.00026	44.0163	250.000
1.8489	6656	44.0163	25.350	37.00	41.250	1402.892	34.261	-5.206	27.298	4.445	7.380	31.496	33.975	5.5316	1.84837	0.00026	44.0166	250.000
1.8492	6657	44.0166	25.350	37.00	41.250	1403.094	34.266	-5.206	27.299	4.445	7.380	31.496	33.975	5.5316	1.84821	0.00026	44.0168	250.000
1.8494	6658	44.0168	25.350	37.00	41.250	1403.296	34.271	-5.206	27.300	4.445	7.380	31.496	33.975	5.5316	1.84804	0.00026	44.0171	250.000
1.8497	6659	44.0171	25.350	37.00	41.250	1403.498	34.276	-5.206	27.301	4.445	7.379	31.496	33.975	5.5316	1.84787	0.00026	44.0174	250.000
1.8500	6660	44.0174	25.351	37.00	41.250	1403.700	34.281	-5.206	27.302	4.445	7.379	31.496	33.975	5.5316	1.84771	0.00026	44.0176	250.000
1.8503	6661	44.0176	25.351	37.00	41.250	1403.902	34.286	-5.206	27.303	4.445	7.379	31.496	33.975	5.5316	1.84754	0.00026	44.0179	250.000
1.8506	6662	44.0179	25.351	37.00	41.250	1404.104	34.291	-5.206	27.304	4.446	7.379	31.496	33.975	5.5316	1.84737	0.00026	44.0181	250.000
1.8508	6663	44.0181	25.352	37.00	41.250	1404.306	34.296	-5.206	27.305	4.446	7.379	31.496	33.975	5.5316	1.84720	0.00026	44.0184	250.000
1.8511	6664	44.0184	25.352	37.00	41.250	1404.508	34.301	-5.206	27.306	4.446	7.379	31.496	33.975	5.5316	1.84704	0.00026	44.0187	250.000
1.8514	6665	44.0187	25.352	37.00	41.250	1404.710	34.306	-5.206	27.307	4.446	7.378	31.496	33.975	5.5316	1.84687	0.00026	44.0189	250.000
1.8517	6666	44.0189	25.352	37.00	41.250	1404.912	34.311	-5.206	27.308	4.446	7.378	31.496	33.975	5.5316	1.84670	0.00026	44.0192	250.000
1.8519	6667	44.0192	25.353	37.00	41.250	1405.114	34.316	-5.206	27.309	4.446	7.378	31.496	33.975	5.5316	1.84654	0.00026	44.0195	250.000
1.8522	6668	44.0195	25.353	37.00	41.250	1405.316	34.321	-5.206	27.310	4.447	7.378	31.496	33.975	5.5316	1.84637	0.00026	44.0197	250.000
1.8525	6669	44.0197	25.353	37.00	41.250	1405.518	34.326	-5.206	27.311	4.447	7.378	31.496	33.975	5.5316	1.84620	0.00026	44.0200	250.000
1.8528	6670	44.0200	25.353	37.00	41.250	1405.720	34.331	-5.206	27.313	4.447	7.378	31.496	33.975	5.5316	1.84603	0.00026	44.0203	250.000
1.8531	6671	44.0203	25.354	37.00	41.250	1405.922	34.335	-5.206	27.314	4.447	7.377	31.496	33.975	5.5316	1.84587	0.00026	44.0205	250.000
1.8533	6672	44.0205	25.354	37.00	41.250	1406.124	34.340	-5.206	27.315	4.447	7.377	31.496	33.975	5.5316	1.84570	0.00026	44.0208	250.000
1.8536	6673	44.0208	25.354	37.00	41.250	1406.326	34.345	-5.206	27.316	4.447	7.377	31.496	33.975	5.5316	1.84553	0.00026	44.0211	250.000
1.8539	6674	44.0211	25.354	37.00	41.250	1406.528	34.350	-5.206	27.317	4.448	7.377	31.496	33.975	5.5316	1.84537	0.00026	44.0213	250.000
1.8542	6675	44.0213	25.355	37.00	41.250	1406.730	34.355	-5.206	27.318	4.448	7.377	31.496	33.975	5.5316	1.84520	0.00026	44.0216	250.000
1.8544	6676	44.0216	25.355	37.00	41.250	1406.932	34.360	-5.206	27.319	4.448	7.377	31.496	33.975	5.5316	1.84503	0.00026	44.0218	250.000
1.8547	6677	44.0218	25.355	37.00	41.250	1407.134	34.365	-5.206	27.320	4.448	7.376	31.496	33.975	5.5316	1.84487	0.00026	44.0221	250.000
1.8550	6678	44.0221	25.355	37.00	41.250	1407.336	34.370	-5.206	27.321	4.448	7.376	31.496	33.975	5.5316	1.84470	0.00026	44.0224	250.000
1.8553	6679	44.0224	25.356	37.00	41.250	1407.538	34.375	-5.206	27.322	4.448	7.376	31.496	33.975	5.5316	1.84453	0.00026	44.0226	250.000
1.8556	6680	44.0226	25.356	37.00	41.250	1407.740	34.380	-5.206	27.323	4.449	7.376	31.496	33.975	5.5316	1.84436	0.00026	44.0229	250.000
1.8558	6681	44.0229	25.356	37.00	41.250	1407.942	34.385	-5.206	27.324	4.449	7.376	31.496	33.975	5.5316	1.84420	0.00026	44.0232	250.000
1.8561	6682	44.0232	25.357	37.00	41.250	1408.144	34.390	-5.206	27.325	4.449	7.376	31.496	33.975	5.5316	1.84403	0.00026	44.0234	250.000
1.8564	6683	44.0234	25.357	37.00	41.250	1408.346	34.395	-5.206	27.326	4.449	7.375	31.496	33.975	5.5316	1.84386	0.00026	44.0237	250.000
1.8567	6684	44.0237	25.357	37.00	41.250	1408.549	34.400	-5.206	27.327	4.449	7.375	31.496	33.975	5.5316	1.84370	0.00026	44.0239	250.000
1.8569	6685	44.0239	25.357	37.00	41.250	1408.751	34.405	-5.206	27.328	4.449	7.375	31.496	33.975	5.5316	1.84353	0.00026	44.0242	250.000
1.8572	6686	44.0242	25.358	37.00	41.250	1408.953	34.409	-5.206	27.329	4.450	7.375	31.496	33.975	5.5316	1.84336	0.00026	44.0245	250.000
1.8575	6687	44.0245	25.358	37.00	41.250	1409.155	34.414	-5.206	27.330	4.450	7.375	31.496	33.975	5.5316	1.84320	0.00026	44.0247	250.000
1.8578	6688	44.0247	25.358	37.00	41.250	1409.357	34.419	-5.206	27.331	4.450	7.375	31.496	33.975	5.5316	1.84303	0.00026	44.0250	250.000

1.8581	6689	44.0250	25.358	37.00	41.250	1409.559	34.424	-5.206	27.332	4.450	7.374	31.496	33.975	5.5316	1.84286	0.00026	44.0253	250.000
1.8583	6690	44.0253	25.359	37.00	41.250	1409.761	34.429	-5.206	27.333	4.450	7.374	31.496	33.975	5.5316	1.84270	0.00026	44.0255	250.000
1.8586	6691	44.0255	25.359	37.00	41.250	1409.963	34.434	-5.206	27.334	4.450	7.374	31.496	33.975	5.5316	1.84253	0.00026	44.0258	250.000
1.8589	6692	44.0258	25.359	37.00	41.250	1410.165	34.439	-5.206	27.335	4.451	7.374	31.496	33.975	5.5316	1.84236	0.00026	44.0261	250.000
1.8592	6693	44.0261	25.359	37.00	41.250	1410.367	34.444	-5.206	27.336	4.451	7.374	31.496	33.975	5.5316	1.84220	0.00026	44.0263	250.000
1.8594	6694	44.0263	25.360	37.00	41.250	1410.569	34.449	-5.206	27.337	4.451	7.374	31.496	33.975	5.5316	1.84203	0.00026	44.0266	250.000
1.8597	6695	44.0266	25.360	37.00	41.250	1410.771	34.454	-5.206	27.338	4.451	7.373	31.496	33.975	5.5316	1.84186	0.00026	44.0268	250.000
1.8600	6696	44.0268	25.360	37.00	41.250	1410.973	34.459	-5.206	27.339	4.451	7.373	31.496	33.975	5.5316	1.84170	0.00026	44.0271	250.000
1.8603	6697	44.0271	25.360	37.00	41.250	1411.175	34.464	-5.206	27.340	4.451	7.373	31.496	33.975	5.5316	1.84153	0.00026	44.0274	250.000
1.8606	6698	44.0274	25.361	37.00	41.250	1411.377	34.469	-5.206	27.341	4.452	7.373	31.496	33.975	5.5316	1.84136	0.00026	44.0276	250.000
1.8608	6699	44.0276	25.361	37.00	41.250	1411.579	34.474	-5.206	27.342	4.452	7.373	31.496	33.975	5.5316	1.84120	0.00026	44.0279	250.000
1.8611	6700	44.0279	25.361	37.00	41.250	1411.781	34.479	-5.206	27.343	4.452	7.373	31.496	33.975	5.5316	1.84103	0.00026	44.0282	250.000
1.8614	6701	44.0282	25.362	37.00	41.250	1411.983	34.483	-5.206	27.344	4.452	7.372	31.496	33.975	5.5316	1.84086	0.00026	44.0284	250.000
1.8617	6702	44.0284	25.362	37.00	41.250	1412.185	34.488	-5.206	27.345	4.452	7.372	31.496	33.975	5.5316	1.84070	0.00026	44.0287	250.000
1.8619	6703	44.0287	25.362	37.00	41.250	1412.387	34.493	-5.206	27.346	4.452	7.372	31.496	33.975	5.5316	1.84053	0.00026	44.0289	250.000
1.8622	6704	44.0289	25.362	37.00	41.250	1412.589	34.498	-5.206	27.347	4.453	7.372	31.496	33.975	5.5316	1.84036	0.00026	44.0292	250.000
1.8625	6705	44.0292	25.363	37.00	41.250	1412.791	34.503	-5.206	27.348	4.453	7.372	31.496	33.975	5.5316	1.84020	0.00026	44.0295	250.000
1.8628	6706	44.0295	25.363	37.00	41.250	1412.993	34.508	-5.206	27.349	4.453	7.372	31.496	33.975	5.5316	1.84003	0.00026	44.0297	250.000
1.8631	6707	44.0297	25.363	37.00	41.250	1413.195	34.513	-5.206	27.350	4.453	7.371	31.496	33.975	5.5316	1.83986	0.00026	44.0300	250.000
1.8633	6708	44.0300	25.363	37.00	41.250	1413.397	34.518	-5.206	27.351	4.453	7.371	31.496	33.975	5.5316	1.83970	0.00026	44.0303	250.000
1.8636	6709	44.0303	25.364	37.00	41.250	1413.599	34.523	-5.206	27.352	4.453	7.371	31.496	33.975	5.5316	1.83953	0.00026	44.0305	250.000
1.8639	6710	44.0305	25.364	37.00	41.250	1413.801	34.528	-5.206	27.353	4.454	7.371	31.496	33.975	5.5316	1.83936	0.00026	44.0308	250.000
1.8642	6711	44.0308	25.364	37.00	41.250	1414.003	34.533	-5.206	27.354	4.454	7.371	31.496	33.975	5.5316	1.83920	0.00026	44.0311	250.000
1.8644	6712	44.0311	25.364	37.00	41.250	1414.205	34.538	-5.206	27.356	4.454	7.371	31.496	33.975	5.5316	1.83903	0.00026	44.0313	250.000
1.8647	6713	44.0313	25.365	37.00	41.250	1414.407	34.543	-5.206	27.357	4.454	7.370	31.496	33.975	5.5316	1.83886	0.00026	44.0316	250.000
1.8650	6714	44.0316	25.365	37.00	41.250	1414.609	34.548	-5.206	27.358	4.454	7.370	31.496	33.975	5.5316	1.83870	0.00026	44.0318	250.000
1.8653	6715	44.0318	25.365	37.00	41.250	1414.811	34.553	-5.206	27.359	4.454	7.370	31.496	33.975	5.5316	1.83853	0.00026	44.0321	250.000
1.8656	6716	44.0321	25.365	37.00	41.250	1415.013	34.557	-5.206	27.360	4.455	7.370	31.496	33.975	5.5316	1.83837	0.00026	44.0324	250.000
1.8658	6717	44.0324	25.366	37.00	41.250	1415.216	34.562	-5.206	27.361	4.455	7.370	31.496	33.975	5.5316	1.83820	0.00026	44.0326	250.000
1.8661	6718	44.0326	25.366	37.00	41.250	1415.418	34.567	-5.206	27.362	4.455	7.370	31.496	33.975	5.5316	1.83803	0.00026	44.0329	250.000
1.8664	6719	44.0329	25.366	37.00	41.250	1415.620	34.572	-5.206	27.363	4.455	7.369	31.496	33.975	5.5316	1.83787	0.00026	44.0332	250.000
1.8667	6720	44.0332	25.367	37.00	41.250	1415.822	34.577	-5.206	27.364	4.455	7.369	31.496	33.975	5.5316	1.83770	0.00026	44.0334	250.000
1.8669	6721	44.0334	25.367	37.00	41.250	1416.024	34.582	-5.206	27.365	4.455	7.369	31.496	33.975	5.5316	1.83753	0.00026	44.0337	250.000
1.8672	6722	44.0337	25.367	37.00	41.250	1416.226	34.587	-5.206	27.366	4.456	7.369	31.496	33.975	5.5316	1.83737	0.00026	44.0339	250.000
1.8675	6723	44.0339	25.367	37.00	41.250	1416.428	34.592	-5.206	27.367	4.456	7.369	31.496	33.975	5.5316	1.83720	0.00026	44.0342	250.000
1.8678	6724	44.0342	25.368	37.00	41.250	1416.630	34.597	-5.206	27.368	4.456	7.369	31.496	33.975	5.5316	1.83704	0.00026	44.0345	250.000
1.8681	6725	44.0345	25.368	37.00	41.250	1416.832	34.602	-5.206	27.369	4.456	7.368	31.496	33.975	5.5316	1.83687	0.00026	44.0347	250.000
1.8683	6726	44.0347	25.368	37.00	41.250	1417.034	34.607	-5.206	27.370	4.456	7.368	31.496	33.975	5.5316	1.83670	0.00026	44.0350	250.000
1.8686	6727	44.0350	25.368	37.00	41.250	1417.236	34.612	-5.206	27.371	4.456	7.368	31.496	33.975	5.5316	1.83654	0.00026	44.0353	250.000
1.8689	6728	44.0353	25.369	37.00	41.250	1417.438	34.617	-5.206	27.372	4.457	7.368	31.496	33.975	5.5316	1.83637	0.00026	44.0355	250.000
1.8692	6729	44.0355	25.369	37.00	41.250	1417.640	34.622	-5.206	27.373	4.457	7.368	31.496	33.975	5.5316	1.83620	0.00026	44.0358	250.000
1.8694	6730	44.0358	25.369	37.00	41.250	1417.842	34.627	-5.206	27.374	4.457	7.368	31.496	33.975	5.5316	1.83604	0.00026	44.0360	250.000
1.8697	6731	44.0360	25.369	37.00	41.250	1418.044	34.631	-5.206	27.375	4.457	7.367	31.496	33.975	5.5316	1.83587	0.00026	44.0363	250.000
1.8700	6732	44.0363	25.370	37.00	41.250	1418.246	34.636	-5.206	27.376	4.457	7.367	31.496	33.975	5.5316	1.83571	0.00026	44.0366	250.000
1.8703	6733	44.0366	25.370	37.00	41.250	1418.448	34.641	-5.206	27.377	4.457	7.367	31.496	33.975	5.5316	1.83554	0.00026	44.0368	250.000
1.8706	6734	44.0368	25.370	37.00	41.250	1418.650	34.646	-5.206	27.378	4.458	7.367	31.496	33.975	5.5316	1.83537	0.00026	44.0371	250.000
1.8708	6735	44.0371	25.370	37.00	41.250	1418.852	34.651	-5.206	27.379	4.458	7.367	31.496	33.975	5.5316	1.83521	0.00026	44.0374	250.000
1.8711	6736	44.0374	25.371	37.00	41.250	1419.054	34.656	-5.206	27.380	4.458	7.367	31.496	33.975	5.5316	1.83504	0.00026	44.0376	250.000
1.8714	6737	44.0376	25.371	37.00	41.250	1419.256	34.661	-5.206	27.381	4.458	7.366	31.496	33.975	5.5316	1.83488	0.00026	44.0379	250.000
1.8717	6738	44.0379	25.371	37.00	41.250	1419.458	34.666	-5.206	27.382	4.458	7.366	31.496	33.975	5.5316	1.83471	0.00026	44.0381	250.000
1.8719	6739	44.0381	25.372	37.00	41.250	1419.660	34.671	-5.206	27.383	4.458	7.366	31.496	33.975	5.5316	1.83454	0.00026	44.0384	250.000
1.8722	6740	44.0384	25.372	37.00	41.250	1419.862	34.676	-5.206	27.384	4.458	7.366	31.496	33.975	5.5316	1.83438	0.00026	44.0387	250.000
1.8725	6741	44.0387	25.372	37.00	41.250	1420.064	34.681	-5.206	27.385	4.459	7.366	31.496	33.975	5.5316	1.83421	0.00026	44.0389	250.000
1.8728	6742	44.0389	25.372	37.00	41.250	1420.266	34.686	-5.206	27.386	4.459	7.366	31.496	33.975	5.5316	1.83405	0.00026	44.0392	250.000
1.8731	6743	44.0392	25.373	37.00	41.250	1420.468	34.691	-5.206	27.387	4.459	7.365	31.496	33.975	5.5316	1.83388	0.00026	44.0394	250.000
1.8733	6744	44.0394	25.373	37.00	41.250	1420.670	34.696	-5.206	27.388	4.459	7.365	31.496	33.975	5.5316	1.83371	0.00026	44.0397	250.000
1.8736	6745	44.0397	25.373	37.00	41.250	1420.872	34.701	-5.206	27.389	4.459	7.365	31.496	33.975	5.5316	1.83355	0.00026	44.0400	250.000
1.8739	6746	44.0400	25.373	37.00	41.250	1421.074	34.705	-5.206	27.390	4.459	7.365	31.496	33.975	5.5316	1.83338	0.00026	44.0402	250.000
1.8742	6747	44.0402	25.374	37.00	41.250	1421.276	34.710	-5.206	27.391	4.460	7.365	31.496	33.975	5.5316	1.83322	0.00026	44.0405	250.000
1.8744	6748	44.0405	25.374	37.00	41.250	1421.478	34.715	-5.206	27.392	4.460	7.365	31.496	33.975	5.5316	1.83305	0.00026	44.0408	250.000
1.8747	6749	44.0408	25.374	37.00	41.250	1421.680	34.720	-5.206	27.393	4.460	7.364	31.496	33.975	5.5316	1.83288	0.00026	44.0410	250.000
1.8750	6750	44.0410	25.374	37.00	41.250	1421.882	34.725	-5.206	27.394	4.460	7.364	31.496	33.975	5.5316	1.83272	0.00026	44.0413	250.000
1.8753	6751	44.0413	25.375	37.00	41.250	1422.085	34.730	-5.206	27.395	4.460	7.364	31.496	33.975	5.5316	1.83255	0.00026	44.0415	250.000
1.8756	6752	44.0415	25.375	37.00	41.250	1422.287	34.735	-5.206	27.396	4.460	7.364	31.496	33.975	5.5316	1.83239	0.00026	44.0418	250.000
1.8758	6753	44.0418	25.375	37.00	41.250	1422.489	34.740	-5.206	27.397	4.461	7.364	31.496	33.975	5.5316	1.83222	0.00026	44.0421	250.000
1.8761	6754	44.0421	25.375	37.00	41.250	1422.691	34.745	-5.206	27.398	4.461	7.364	31.496	33.975	5.5316	1.83205	0.00026	44.0423	250.000
1.8764	6755	44.0423	25.376	37.00	41.250	1422.893	34.750	-5.206	27.399	4.461	7.363	31.496	33.975	5.5316	1.83189	0.00026	44.0426	250.000
1.8767	6756	44.0426	25.376	37.00	41.250	1423.095	34.755	-5.206	27.400	4.461	7.363	31.496	33.975	5.5316	1.83172	0.00026	44.0429	250.000
1.8769	6757	44.0429	25.376	37.00	41.250	1423.297	34.760	-5.206	27.401	4.461	7.363	31.496	33.975	5.5316	1.83156	0.00026	44.0431	250.000
1.8772	6758	44.0431	25.377	37.00	41.250	1423.499	34.765	-5.206	27.402	4.461	7.363	31.496	33.975	5.5316	1.83139	0.00026	44.0434	250.000
1.8775	6759	44.0434	25.377	37.00	41.250	1423.701	34.770	-5.206	27.403	4.462	7.363	31.496	33.975	5.5316	1.83123	0.00026	44.0436	250.000
1.8778	6760	44.0436	25.377	37.00	41.250	1423.903	34.775	-5.206	27.404	4.462	7.363	31.496	33.975	5.5316	1.83106	0.00026	44.0439	250.000
1.8781	6761	44.0439	25.377	37.00	41.250	1424.105	34.779	-5.206	27.405	4.462	7.362	31.496	33.975	5.5316	1.83089	0.00026	44.0442	250.000
1.8783	6762	44.0442	25.378	37.00	41.250	1424.307	34.784	-5.206	27.407	4.462	7.362	31.496	33.975	5.5316	1.83073	0.00026	44.0444	250.000
1.8786	6763	44.0444	25.378	37.00	41.250	1424.509	34.789	-5.206	27.408	4.462	7.362	31.496	33.975	5.5316	1.83056	0.00026	44.0447	250.000
1.8789	6764	44.0447	25.378	37.00	41.250	1424.711	34.794	-5.206	27.409	4.462	7.362	31.496	33.975	5.5316	1.83040	0.00026	44.0449	250.000
1.8792	6765	44.0449	25.378	37.00	41.250	1424.913	34.799	-5.206	27.410	4.463	7.362	31.496	33.975	5.5316	1.83023	0.00026	44.0452	250.000
1.8794	6766	44.0452	25.379	37.00	41.250	1425.115	34.804	-5.206	27.411	4.463	7.362	31.496	33.975	5.5316	1.83007	0.00026	44.0455	250.000
1.8797	6767	44.0455	25.379	37.00	41.250	1425.317	34.809	-5.206	27.412	4.463	7.361	31.496	33.975	5.5316	1.82990	0.00026	44.0457	250.000
1.8800	6768	44.0457	25.379	37.00	41.250	1425.519	34.814	-5.206	27.413	4.463	7.361	31.496	33.975	5.5316	1.82973	0.00026	44.0460	250.000
1.8803	6769	44.0460	25.379	37.00	41.250	1425.721	34.819	-5.206	27.414	4.463	7.361	31.496	33.975	5.5316	1.82957	0.00026	44.0463	250.000

1.8806	6770	44.0463	25.380	37.00	41.250	1425.923	34.824	-5.206	27.415	4.463	7.361	31.496	33.975	5.5316	1.82940	0.00026	44.0465	250.000
1.8808	6771	44.0465	25.380	37.00	41.250	1426.125	34.829	-5.206	27.416	4.464	7.361	31.496	33.975	5.5316	1.82924	0.00026	44.0468	250.000
1.8811	6772	44.0468	25.380	37.00	41.250	1426.327	34.834	-5.206	27.417	4.464	7.361	31.496	33.975	5.5316	1.82907	0.00026	44.0470	250.000
1.8814	6773	44.0470	25.380	37.00	41.250	1426.529	34.839	-5.206	27.418	4.464	7.360	31.496	33.975	5.5316	1.82891	0.00026	44.0473	250.000
1.8817	6774	44.0473	25.381	37.00	41.250	1426.731	34.844	-5.206	27.419	4.464	7.360	31.496	33.975	5.5316	1.82874	0.00026	44.0476	250.000
1.8819	6775	44.0476	25.381	37.00	41.250	1426.933	34.849	-5.206	27.420	4.464	7.360	31.496	33.975	5.5316	1.82858	0.00026	44.0478	250.000
1.8822	6776	44.0478	25.381	37.00	41.250	1427.135	34.854	-5.206	27.421	4.464	7.360	31.496	33.975	5.5316	1.82841	0.00026	44.0481	250.000
1.8825	6777	44.0481	25.381	37.00	41.250	1427.337	34.858	-5.206	27.422	4.465	7.360	31.496	33.975	5.5316	1.82825	0.00026	44.0483	250.000
1.8828	6778	44.0483	25.382	37.00	41.250	1427.539	34.863	-5.206	27.423	4.465	7.360	31.496	33.975	5.5316	1.82808	0.00026	44.0486	250.000
1.8831	6779	44.0486	25.382	37.00	41.250	1427.741	34.868	-5.206	27.424	4.465	7.359	31.496	33.975	5.5316	1.82791	0.00026	44.0489	250.000
1.8833	6780	44.0489	25.382	37.00	41.250	1427.943	34.873	-5.206	27.425	4.465	7.359	31.496	33.975	5.5316	1.82775	0.00026	44.0491	250.000
1.8836	6781	44.0491	25.383	37.00	41.250	1428.145	34.878	-5.206	27.426	4.465	7.359	31.496	33.975	5.5316	1.82758	0.00026	44.0494	250.000
1.8839	6782	44.0494	25.383	37.00	41.250	1428.347	34.883	-5.206	27.427	4.465	7.359	31.496	33.975	5.5316	1.82742	0.00026	44.0496	250.000
1.8842	6783	44.0496	25.383	37.00	41.250	1428.549	34.888	-5.206	27.428	4.466	7.359	31.496	33.975	5.5316	1.82725	0.00026	44.0499	250.000
1.8844	6784	44.0499	25.383	37.00	41.250	1428.752	34.893	-5.206	27.429	4.466	7.359	31.496	33.975	5.5316	1.82709	0.00026	44.0502	250.000
1.8847	6785	44.0502	25.384	37.00	41.250	1428.954	34.898	-5.206	27.430	4.466	7.358	31.496	33.975	5.5316	1.82692	0.00026	44.0504	250.000
1.8850	6786	44.0504	25.384	37.00	41.250	1429.156	34.903	-5.206	27.431	4.466	7.358	31.496	33.975	5.5316	1.82676	0.00026	44.0507	250.000
1.8853	6787	44.0507	25.384	37.00	41.250	1429.358	34.908	-5.206	27.432	4.466	7.358	31.496	33.975	5.5316	1.82659	0.00026	44.0510	250.000
1.8856	6788	44.0510	25.384	37.00	41.250	1429.560	34.913	-5.206	27.433	4.466	7.358	31.496	33.975	5.5316	1.82643	0.00026	44.0512	250.000
1.8858	6789	44.0512	25.385	37.00	41.250	1429.762	34.918	-5.206	27.434	4.467	7.358	31.496	33.975	5.5316	1.82626	0.00026	44.0515	250.000
1.8861	6790	44.0515	25.385	37.00	41.250	1429.964	34.923	-5.206	27.435	4.467	7.358	31.496	33.975	5.5316	1.82610	0.00026	44.0517	250.000
1.8864	6791	44.0517	25.385	37.00	41.250	1430.166	34.928	-5.206	27.436	4.467	7.357	31.496	33.975	5.5316	1.82593	0.00026	44.0520	250.000
1.8867	6792	44.0520	25.385	37.00	41.250	1430.368	34.932	-5.206	27.437	4.467	7.357	31.496	33.975	5.5316	1.82577	0.00026	44.0523	250.000
1.8869	6793	44.0523	25.386	37.00	41.250	1430.570	34.937	-5.206	27.438	4.467	7.357	31.496	33.975	5.5316	1.82560	0.00026	44.0525	250.000
1.8872	6794	44.0525	25.386	37.00	41.250	1430.772	34.942	-5.206	27.439	4.467	7.357	31.496	33.975	5.5316	1.82543	0.00026	44.0528	250.000
1.8875	6795	44.0528	25.386	37.00	41.250	1430.974	34.947	-5.206	27.440	4.468	7.357	31.496	33.975	5.5316	1.82527	0.00026	44.0530	250.000
1.8878	6796	44.0530	25.386	37.00	41.250	1431.176	34.952	-5.206	27.441	4.468	7.357	31.496	33.975	5.5316	1.82510	0.00026	44.0533	250.000
1.8881	6797	44.0533	25.387	37.00	41.250	1431.378	34.957	-5.206	27.442	4.468	7.356	31.496	33.975	5.5316	1.82494	0.00026	44.0536	250.000
1.8883	6798	44.0536	25.387	37.00	41.250	1431.580	34.962	-5.206	27.443	4.468	7.356	31.496	33.975	5.5316	1.82477	0.00026	44.0538	250.000
1.8886	6799	44.0538	25.387	37.00	41.250	1431.782	34.967	-5.206	27.444	4.468	7.356	31.496	33.975	5.5316	1.82461	0.00026	44.0541	250.000
1.8889	6800	44.0541	25.387	37.00	41.250	1431.984	34.972	-5.206	27.445	4.468	7.356	31.496	33.975	5.5316	1.82444	0.00026	44.0543	250.000
1.8892	6801	44.0543	25.388	37.00	41.250	1432.186	34.977	-5.206	27.446	4.469	7.356	31.496	33.975	5.5316	1.82428	0.00026	44.0546	250.000
1.8894	6802	44.0546	25.388	37.00	41.250	1432.388	34.982	-5.206	27.447	4.469	7.356	31.496	33.975	5.5316	1.82411	0.00026	44.0549	250.000
1.8897	6803	44.0549	25.388	37.00	41.250	1432.590	34.987	-5.206	27.448	4.469	7.356	31.496	33.975	5.5316	1.82395	0.00026	44.0551	250.000
1.8900	6804	44.0551	25.389	37.00	41.250	1432.792	34.992	-5.206	27.449	4.469	7.355	31.496	33.975	5.5316	1.82378	0.00026	44.0554	250.000
1.8903	6805	44.0554	25.389	37.00	41.250	1432.994	34.997	-5.206	27.450	4.469	7.355	31.496	33.975	5.5316	1.82362	0.00026	44.0556	250.000
1.8906	6806	44.0556	25.389	37.00	41.250	1433.196	35.002	-5.206	27.451	4.469	7.355	31.496	33.975	5.5316	1.82345	0.00026	44.0559	250.000
1.8908	6807	44.0559	25.389	37.00	41.250	1433.398	35.006	-5.206	27.452	4.470	7.355	31.496	33.975	5.5316	1.82329	0.00026	44.0562	250.000
1.8911	6808	44.0562	25.390	37.00	41.250	1433.600	35.011	-5.206	27.453	4.470	7.355	31.496	33.975	5.5316	1.82312	0.00026	44.0564	250.000
1.8914	6809	44.0564	25.390	37.00	41.250	1433.802	35.016	-5.206	27.454	4.470	7.355	31.496	33.975	5.5316	1.82296	0.00026	44.0567	250.000
1.8917	6810	44.0567	25.390	37.00	41.250	1434.004	35.021	-5.206	27.455	4.470	7.354	31.496	33.975	5.5316	1.82279	0.00026	44.0569	250.000
1.8919	6811	44.0569	25.390	37.00	41.250	1434.206	35.026	-5.206	27.456	4.470	7.354	31.496	33.975	5.5316	1.82263	0.00026	44.0572	250.000
1.8922	6812	44.0572	25.391	37.00	41.250	1434.408	35.031	-5.206	27.457	4.470	7.354	31.496	33.975	5.5316	1.82246	0.00026	44.0575	250.000
1.8925	6813	44.0575	25.391	37.00	41.250	1434.610	35.036	-5.206	27.458	4.471	7.354	31.496	33.975	5.5316	1.82230	0.00026	44.0577	250.000
1.8928	6814	44.0577	25.391	37.00	41.250	1434.812	35.041	-5.206	27.459	4.471	7.354	31.496	33.975	5.5316	1.82213	0.00026	44.0580	250.000
1.8931	6815	44.0580	25.391	37.00	41.250	1435.014	35.046	-5.206	27.460	4.471	7.354	31.496	33.975	5.5316	1.82197	0.00026	44.0582	250.000
1.8933	6816	44.0582	25.392	37.00	41.250	1435.216	35.051	-5.206	27.461	4.471	7.353	31.496	33.975	5.5316	1.82180	0.00026	44.0585	250.000
1.8936	6817	44.0585	25.392	37.00	41.250	1435.419	35.056	-5.206	27.462	4.471	7.353	31.496	33.975	5.5316	1.82164	0.00026	44.0588	250.000
1.8939	6818	44.0588	25.392	37.00	41.250	1435.621	35.061	-5.206	27.463	4.471	7.353	31.496	33.975	5.5316	1.82147	0.00026	44.0590	250.000
1.8942	6819	44.0590	25.392	37.00	41.250	1435.823	35.066	-5.206	27.464	4.472	7.353	31.496	33.975	5.5316	1.82131	0.00026	44.0593	250.000
1.8944	6820	44.0593	25.393	37.00	41.250	1436.025	35.071	-5.206	27.465	4.472	7.353	31.496	33.975	5.5316	1.82114	0.00026	44.0595	250.000
1.8947	6821	44.0595	25.393	37.00	41.250	1436.227	35.076	-5.206	27.466	4.472	7.353	31.496	33.975	5.5316	1.82098	0.00026	44.0598	250.000
1.8950	6822	44.0598	25.393	37.00	41.250	1436.429	35.080	-5.206	27.467	4.472	7.352	31.496	33.975	5.5316	1.82082	0.00026	44.0601	250.000
1.8953	6823	44.0601	25.393	37.00	41.250	1436.631	35.085	-5.206	27.468	4.472	7.352	31.496	33.975	5.5316	1.82065	0.00026	44.0603	250.000
1.8956	6824	44.0603	25.394	37.00	41.250	1436.833	35.090	-5.206	27.469	4.472	7.352	31.496	33.975	5.5316	1.82049	0.00026	44.0606	250.000
1.8958	6825	44.0606	25.394	37.00	41.250	1437.035	35.095	-5.206	27.470	4.473	7.352	31.496	33.975	5.5316	1.82032	0.00026	44.0608	250.000
1.8961	6826	44.0608	25.394	37.00	41.250	1437.237	35.100	-5.206	27.471	4.473	7.352	31.496	33.975	5.5316	1.82016	0.00026	44.0611	250.000
1.8964	6827	44.0611	25.394	37.00	41.250	1437.439	35.105	-5.206	27.472	4.473	7.352	31.496	33.975	5.5316	1.81999	0.00026	44.0614	250.000
1.8967	6828	44.0614	25.395	37.00	41.250	1437.641	35.110	-5.206	27.473	4.473	7.351	31.496	33.975	5.5316	1.81983	0.00026	44.0616	250.000
1.8969	6829	44.0616	25.395	37.00	41.250	1437.843	35.115	-5.206	27.474	4.473	7.351	31.496	33.975	5.5316	1.81966	0.00026	44.0619	250.000
1.8972	6830	44.0619	25.395	37.00	41.250	1438.045	35.120	-5.206	27.475	4.473	7.351	31.496	33.975	5.5316	1.81950	0.00026	44.0621	250.000
1.8975	6831	44.0621	25.396	37.00	41.250	1438.247	35.125	-5.206	27.477	4.474	7.351	31.496	33.975	5.5316	1.81933	0.00026	44.0624	250.000
1.8978	6832	44.0624	25.396	37.00	41.250	1438.449	35.130	-5.206	27.478	4.474	7.351	31.496	33.975	5.5316	1.81917	0.00026	44.0627	250.000
1.8981	6833	44.0627	25.396	37.00	41.250	1438.651	35.135	-5.206	27.479	4.474	7.351	31.496	33.975	5.5316	1.81900	0.00026	44.0629	250.000
1.8983	6834	44.0629	25.396	37.00	41.250	1438.853	35.140	-5.206	27.480	4.474	7.350	31.496	33.975	5.5316	1.81884	0.00026	44.0632	250.000
1.8986	6835	44.0632	25.397	37.00	41.250	1439.055	35.145	-5.206	27.481	4.474	7.350	31.496	33.975	5.5316	1.81867	0.00026	44.0634	250.000
1.8989	6836	44.0634	25.397	37.00	41.250	1439.257	35.150	-5.206	27.482	4.474	7.350	31.496	33.975	5.5316	1.81851	0.00026	44.0637	250.000
1.8992	6837	44.0637	25.397	37.00	41.250	1439.459	35.154	-5.206	27.483	4.475	7.350	31.496	33.975	5.5316	1.81835	0.00026	44.0640	250.000
1.8994	6838	44.0640	25.397	37.00	41.250	1439.661	35.159	-5.206	27.484	4.475	7.350	31.496	33.975	5.5316	1.81818	0.00026	44.0642	250.000
1.8997	6839	44.0642	25.398	37.00	41.250	1439.863	35.164	-5.206	27.485	4.475	7.350	31.496	33.975	5.5316	1.81802	0.00026	44.0645	250.000
1.9000	6840	44.0645	25.398	37.00	41.250	1440.065	35.169	-5.206	27.486	4.475	7.349	31.496	33.975	5.5316	1.81785	0.00026	44.0647	250.000
1.9003	6841	44.0647	25.398	37.00	41.250	1440.267	35.174	-5.206	27.487	4.475	7.349	31.496	33.975	5.5316	1.81769	0.00026	44.0650	250.000
1.9006	6842	44.0650	25.398	37.00	41.250	1440.469	35.179	-5.206	27.488	4.475	7.349	31.496	33.975	5.5316	1.81752	0.00026	44.0653	250.000
1.9008	6843	44.0653	25.399	37.00	41.250	1440.671	35.184	-5.206	27.489	4.476	7.349	31.496	33.975	5.5316	1.81736	0.00026	44.0655	250.000
1.9011	6844	44.0655	25.399	37.00	41.250	1440.873	35.189	-5.206	27.490	4.476	7.349	31.496	33.975	5.5316	1.81719	0.00026	44.0658	250.000
1.9014	6845	44.0658	25.399	37.00	41.250	1441.075	35.194	-5.206	27.491	4.476	7.349	31.496	33.975	5.5316	1.81703	0.00026	44.0660	250.000
1.9017	6846	44.0660	25.399	37.00	41.250	1441.277	35.199	-5.206	27.492	4.476	7.348	31.496	33.975	5.5316	1.81686	0.00026	44.0663	250.000
1.9019	6847	44.0663	25.400	37.00	41.250	1441.479	35.204	-5.206	27.493	4.476	7.348	31.496	33.975	5.5316	1.81670	0.00026	44.0666	250.000
1.9022	6848	44.0666	25.400	37.00	41.250	1441.681	35.209	-5.206	27.494	4.476	7.348	31.496	33.975	5.5316	1.81654	0.00026	44.0668	250.000
1.9025	6849	44.0668	25.400	37.00	41.250	1441.883	35.214	-5.206	27.495	4.477	7.348	31.496	33.975	5.5316	1.81637	0.00026	44.0671	250.000
1.9028	6850	44.0671	25.400	37.00	41.250	1442.085	35.219	-5.206	27.496	4.477	7.348	31.496	33.975	5.5316	1.81621	0.00026	44.0673	250.000

1.9031	6851	44.0673	25.401	37.00	41.250	1442.288	35.224	-5.206	27.497	4.477	7.348	31.496	33.975	5.5316	1.81604	0.00026	44.0676	250.000
1.9033	6852	44.0676	25.401	37.00	41.250	1442.490	35.228	-5.206	27.498	4.477	7.347	31.496	33.975	5.5316	1.81588	0.00026	44.0679	250.000
1.9036	6853	44.0679	25.401	37.00	41.250	1442.692	35.233	-5.206	27.499	4.477	7.347	31.496	33.975	5.5316	1.81571	0.00026	44.0681	250.000
1.9039	6854	44.0681	25.402	37.00	41.250	1442.894	35.238	-5.206	27.500	4.477	7.347	31.496	33.975	5.5316	1.81555	0.00026	44.0684	250.000
1.9042	6855	44.0684	25.402	37.00	41.250	1443.096	35.243	-5.206	27.501	4.477	7.347	31.496	33.975	5.5316	1.81539	0.00026	44.0686	250.000
1.9044	6856	44.0686	25.402	37.00	41.250	1443.298	35.248	-5.206	27.502	4.478	7.347	31.496	33.975	5.5316	1.81522	0.00026	44.0689	250.000
1.9047	6857	44.0689	25.402	37.00	41.250	1443.500	35.253	-5.206	27.503	4.478	7.347	31.496	33.975	5.5316	1.81506	0.00026	44.0692	250.000
1.9050	6858	44.0692	25.403	37.00	41.250	1443.702	35.258	-5.206	27.504	4.478	7.346	31.496	33.975	5.5316	1.81489	0.00026	44.0694	250.000
1.9053	6859	44.0694	25.403	37.00	41.250	1443.904	35.263	-5.206	27.505	4.478	7.346	31.496	33.975	5.5316	1.81473	0.00026	44.0697	250.000
1.9056	6860	44.0697	25.403	37.00	41.250	1444.106	35.268	-5.206	27.506	4.478	7.346	31.496	33.975	5.5316	1.81456	0.00026	44.0699	250.000
1.9058	6861	44.0699	25.403	37.00	41.250	1444.308	35.273	-5.206	27.507	4.478	7.346	31.496	33.975	5.5316	1.81440	0.00026	44.0702	250.000
1.9061	6862	44.0702	25.404	37.00	41.250	1444.510	35.278	-5.206	27.508	4.479	7.346	31.496	33.975	5.5316	1.81424	0.00026	44.0705	250.000
1.9064	6863	44.0705	25.404	37.00	41.250	1444.712	35.283	-5.206	27.509	4.479	7.346	31.496	33.975	5.5316	1.81407	0.00026	44.0707	250.000
1.9067	6864	44.0707	25.404	37.00	41.250	1444.914	35.288	-5.206	27.510	4.479	7.345	31.496	33.975	5.5316	1.81391	0.00026	44.0710	250.000
1.9069	6865	44.0710	25.404	37.00	41.250	1445.116	35.293	-5.206	27.511	4.479	7.345	31.496	33.975	5.5316	1.81374	0.00026	44.0712	250.000
1.9072	6866	44.0712	25.405	37.00	41.250	1445.318	35.298	-5.206	27.512	4.479	7.345	31.496	33.975	5.5316	1.81358	0.00026	44.0715	250.000
1.9075	6867	44.0715	25.405	37.00	41.250	1445.520	35.302	-5.206	27.513	4.479	7.345	31.496	33.975	5.5316	1.81342	0.00026	44.0718	250.000
1.9078	6868	44.0718	25.405	37.00	41.250	1445.722	35.307	-5.206	27.514	4.480	7.345	31.496	33.975	5.5316	1.81325	0.00026	44.0720	250.000
1.9081	6869	44.0720	25.405	37.00	41.250	1445.924	35.312	-5.206	27.515	4.480	7.345	31.496	33.975	5.5316	1.81309	0.00026	44.0723	250.000
1.9083	6870	44.0723	25.406	37.00	41.250	1446.126	35.317	-5.206	27.516	4.480	7.344	31.496	33.975	5.5316	1.81292	0.00026	44.0725	250.000
1.9086	6871	44.0725	25.406	37.00	41.250	1446.328	35.322	-5.206	27.517	4.480	7.344	31.496	33.975	5.5316	1.81276	0.00026	44.0728	250.000
1.9089	6872	44.0728	25.406	37.00	41.250	1446.530	35.327	-5.206	27.518	4.480	7.344	31.496	33.975	5.5316	1.81259	0.00026	44.0730	250.000
1.9092	6873	44.0730	25.406	37.00	41.250	1446.732	35.332	-5.206	27.519	4.480	7.344	31.496	33.975	5.5316	1.81243	0.00026	44.0733	250.000
1.9094	6874	44.0733	25.407	37.00	41.250	1446.934	35.337	-5.206	27.520	4.481	7.344	31.496	33.975	5.5316	1.81227	0.00026	44.0736	250.000
1.9097	6875	44.0736	25.407	37.00	41.250	1447.136	35.342	-5.206	27.521	4.481	7.344	31.496	33.975	5.5316	1.81210	0.00026	44.0738	250.000
1.9100	6876	44.0738	25.407	37.00	41.250	1447.338	35.347	-5.206	27.522	4.481	7.343	31.496	33.975	5.5316	1.81194	0.00026	44.0741	250.000
1.9103	6877	44.0741	25.407	37.00	41.250	1447.540	35.352	-5.206	27.523	4.481	7.343	31.496	33.975	5.5316	1.81177	0.00026	44.0743	250.000
1.9106	6878	44.0743	25.408	37.00	41.250	1447.742	35.357	-5.206	27.524	4.481	7.343	31.496	33.975	5.5316	1.81161	0.00026	44.0746	250.000
1.9108	6879	44.0746	25.408	37.00	41.250	1447.944	35.362	-5.206	27.525	4.481	7.343	31.496	33.975	5.5316	1.81145	0.00026	44.0749	250.000
1.9111	6880	44.0749	25.408	37.00	41.250	1448.146	35.367	-5.206	27.526	4.482	7.343	31.496	33.975	5.5316	1.81128	0.00026	44.0751	250.000
1.9114	6881	44.0751	25.409	37.00	41.250	1448.348	35.372	-5.206	27.527	4.482	7.343	31.496	33.975	5.5316	1.81112	0.00026	44.0754	250.000
1.9117	6882	44.0754	25.409	37.00	41.250	1448.550	35.377	-5.206	27.528	4.482	7.343	31.496	33.975	5.5316	1.81096	0.00026	44.0756	250.000
1.9119	6883	44.0756	25.409	37.00	41.250	1448.752	35.381	-5.206	27.529	4.482	7.342	31.496	33.975	5.5316	1.81079	0.00026	44.0759	250.000
1.9122	6884	44.0759	25.409	37.00	41.250	1448.955	35.386	-5.206	27.530	4.482	7.342	31.496	33.975	5.5316	1.81063	0.00026	44.0762	250.000
1.9125	6885	44.0762	25.410	37.00	41.250	1449.157	35.391	-5.206	27.531	4.482	7.342	31.496	33.975	5.5316	1.81046	0.00026	44.0764	250.000
1.9128	6886	44.0764	25.410	37.00	41.250	1449.359	35.396	-5.206	27.532	4.483	7.342	31.496	33.975	5.5316	1.81030	0.00026	44.0767	250.000
1.9131	6887	44.0767	25.410	37.00	41.250	1449.561	35.401	-5.206	27.533	4.483	7.342	31.496	33.975	5.5316	1.81014	0.00026	44.0769	250.000
1.9133	6888	44.0769	25.410	37.00	41.250	1449.763	35.406	-5.206	27.534	4.483	7.342	31.496	33.975	5.5316	1.80997	0.00026	44.0772	250.000
1.9136	6889	44.0772	25.411	37.00	41.250	1449.965	35.411	-5.206	27.535	4.483	7.341	31.496	33.975	5.5316	1.80981	0.00026	44.0774	250.000
1.9139	6890	44.0774	25.411	37.00	41.250	1450.167	35.416	-5.206	27.536	4.483	7.341	31.496	33.975	5.5316	1.80964	0.00026	44.0777	250.000
1.9142	6891	44.0777	25.411	37.00	41.250	1450.369	35.421	-5.206	27.537	4.483	7.341	31.496	33.975	5.5316	1.80948	0.00026	44.0780	250.000
1.9144	6892	44.0780	25.411	37.00	41.250	1450.571	35.426	-5.206	27.538	4.484	7.341	31.496	33.975	5.5316	1.80932	0.00026	44.0782	250.000
1.9147	6893	44.0782	25.412	37.00	41.250	1450.773	35.431	-5.206	27.539	4.484	7.341	31.496	33.975	5.5316	1.80915	0.00026	44.0785	250.000
1.9150	6894	44.0785	25.412	37.00	41.250	1450.975	35.436	-5.206	27.540	4.484	7.341	31.496	33.975	5.5316	1.80899	0.00026	44.0787	250.000
1.9153	6895	44.0787	25.412	37.00	41.250	1451.177	35.441	-5.206	27.541	4.484	7.340	31.496	33.975	5.5316	1.80883	0.00026	44.0790	250.000
1.9156	6896	44.0790	25.412	37.00	41.250	1451.379	35.446	-5.206	27.542	4.484	7.340	31.496	33.975	5.5316	1.80866	0.00026	44.0793	250.000
1.9158	6897	44.0793	25.413	37.00	41.250	1451.581	35.451	-5.206	27.543	4.484	7.340	31.496	33.975	5.5316	1.80850	0.00026	44.0795	250.000
1.9161	6898	44.0795	25.413	37.00	41.250	1451.783	35.455	-5.206	27.544	4.485	7.340	31.496	33.975	5.5316	1.80833	0.00026	44.0798	250.000
1.9164	6899	44.0798	25.413	37.00	41.250	1451.985	35.460	-5.206	27.545	4.485	7.340	31.496	33.975	5.5316	1.80817	0.00026	44.0800	250.000
1.9167	6900	44.0800	25.413	37.00	41.250	1452.187	35.465	-5.206	27.546	4.485	7.340	31.496	33.975	5.5316	1.80801	0.00026	44.0803	250.000
1.9169	6901	44.0803	25.414	37.00	41.250	1452.389	35.470	-5.206	27.547	4.485	7.339	31.496	33.975	5.5316	1.80784	0.00026	44.0805	250.000
1.9172	6902	44.0805	25.414	37.00	41.250	1452.591	35.475	-5.206	27.548	4.485	7.339	31.496	33.975	5.5316	1.80768	0.00026	44.0808	250.000
1.9175	6903	44.0808	25.414	37.00	41.250	1452.793	35.480	-5.206	27.549	4.485	7.339	31.496	33.975	5.5316	1.80752	0.00026	44.0811	250.000
1.9178	6904	44.0811	25.414	37.00	41.250	1452.995	35.485	-5.206	27.550	4.486	7.339	31.496	33.975	5.5316	1.80735	0.00026	44.0813	250.000
1.9181	6905	44.0813	25.415	37.00	41.250	1453.197	35.490	-5.206	27.551	4.486	7.339	31.496	33.975	5.5316	1.80719	0.00026	44.0816	250.000
1.9183	6906	44.0816	25.415	37.00	41.250	1453.399	35.495	-5.206	27.552	4.486	7.339	31.496	33.975	5.5316	1.80703	0.00026	44.0818	250.000
1.9186	6907	44.0818	25.415	37.00	41.250	1453.601	35.500	-5.206	27.553	4.486	7.338	31.496	33.975	5.5316	1.80686	0.00026	44.0821	250.000
1.9189	6908	44.0821	25.415	37.00	41.250	1453.803	35.505	-5.206	27.554	4.486	7.338	31.496	33.975	5.5316	1.80670	0.00026	44.0824	250.000
1.9192	6909	44.0824	25.416	37.00	41.250	1454.005	35.510	-5.206	27.555	4.486	7.338	31.496	33.975	5.5316	1.80654	0.00026	44.0826	250.000
1.9194	6910	44.0826	25.416	37.00	41.250	1454.207	35.515	-5.206	27.556	4.487	7.338	31.496	33.975	5.5316	1.80637	0.00026	44.0829	250.000
1.9197	6911	44.0829	25.416	37.00	41.250	1454.409	35.520	-5.206	27.557	4.487	7.338	31.496	33.975	5.5316	1.80621	0.00026	44.0831	250.000
1.9200	6912	44.0831	25.417	37.00	41.250	1454.611	35.525	-5.206	27.558	4.487	7.338	31.496	33.975	5.5316	1.80605	0.00026	44.0834	250.000
1.9203	6913	44.0834	25.417	37.00	41.250	1454.813	35.529	-5.206	27.559	4.487	7.337	31.496	33.975	5.5316	1.80588	0.00026	44.0836	250.000
1.9206	6914	44.0836	25.417	37.00	41.250	1455.015	35.534	-5.206	27.560	4.487	7.337	31.496	33.975	5.5316	1.80572	0.00026	44.0839	250.000
1.9208	6915	44.0839	25.417	37.00	41.250	1455.217	35.539	-5.206	27.561	4.487	7.337	31.496	33.975	5.5316	1.80555	0.00026	44.0842	250.000
1.9211	6916	44.0842	25.418	37.00	41.250	1455.419	35.544	-5.206	27.562	4.487	7.337	31.496	33.975	5.5316	1.80539	0.00026	44.0844	250.000
1.9214	6917	44.0844	25.418	37.00	41.250	1455.621	35.549	-5.206	27.563	4.488	7.337	31.496	33.975	5.5316	1.80523	0.00026	44.0847	250.000
1.9217	6918	44.0847	25.418	37.00	41.250	1455.824	35.554	-5.206	27.564	4.488	7.337	31.496	33.975	5.5316	1.80506	0.00026	44.0849	250.000
1.9219	6919	44.0849	25.418	37.00	41.250	1456.026	35.559	-5.206	27.565	4.488	7.336	31.496	33.975	5.5316	1.80490	0.00026	44.0852	250.000
1.9222	6920	44.0852	25.419	37.00	41.250	1456.228	35.564	-5.206	27.566	4.488	7.336	31.496	33.975	5.5316	1.80474	0.00026	44.0854	250.000
1.9225	6921	44.0854	25.419	37.00	41.250	1456.430	35.569	-5.206	27.567	4.488	7.336	31.496	33.975	5.5316	1.80457	0.00026	44.0857	250.000
1.9228	6922	44.0857	25.419	37.00	41.250	1456.632	35.574	-5.206	27.568	4.488	7.336	31.496	33.975	5.5316	1.80441	0.00026	44.0860	250.000
1.9231	6923	44.0860	25.419	37.00	41.250	1456.834	35.579	-5.206	27.569	4.489	7.336	31.496	33.975	5.5316	1.80425	0.00026	44.0862	250.000
1.9233	6924	44.0862	25.420	37.00	41.250	1457.036	35.584	-5.206	27.570	4.489	7.336	31.496	33.975	5.5316	1.80408	0.00026	44.0865	250.000
1.9236	6925	44.0865	25.420	37.00	41.250	1457.238	35.589	-5.206	27.571	4.489	7.335	31.496	33.975	5.5316	1.80392	0.00026	44.0867	250.000
1.9239	6926	44.0867	25.420	37.00	41.250	1457.440	35.594	-5.206	27.572	4.489	7.335	31.496	33.975	5.5316	1.80376	0.00026	44.0870	250.000
1.9242	6927	44.0870	25.420	37.00	41.250	1457.642	35.599	-5.206	27.573	4.489	7.335	31.496	33.975	5.5316	1.80360	0.00026	44.0873	250.000
1.9244	6928	44.0873	25.421	37.00	41.250	1457.844	35.603	-5.206	27.574	4.489	7.335	31.496	33.975	5.5316	1.80343	0.00026	44.0875	250.000
1.9247	6929	44.0875	25.421	37.00	41.250	1458.046	35.608	-5.206	27.575	4.490	7.335	31.496	33.975	5.5316	1.80327	0.00026	44.0878	250.000
1.9250	6930	44.0878	25.421	37.00	41.250	1458.248	35.613	-5.206	27.576	4.490	7.335	31.496	33.975	5.5316	1.80311	0.00026	44.0880	250.000
1.9253	6931	44.0880	25.421	37.00	41.250	1458.450	35.618	-5.206	27.577	4.490	7.334	31.496	33.975	5.5316	1.80294	0.00026	44.0883	250.000

1.9256	6932	44.0883	25.422	37.00	41.250	1458.652	35.623	-5.206	27.578	4.490	7.334	31.496	33.975	5.5316	1.80278	0.00026	44.0885	250.000
1.9258	6933	44.0885	25.422	37.00	41.250	1458.854	35.628	-5.206	27.579	4.490	7.334	31.496	33.975	5.5316	1.80262	0.00026	44.0888	250.000
1.9261	6934	44.0888	25.422	37.00	41.250	1459.056	35.633	-5.206	27.580	4.490	7.334	31.496	33.975	5.5316	1.80245	0.00026	44.0891	250.000
1.9264	6935	44.0891	25.422	37.00	41.250	1459.258	35.638	-5.206	27.581	4.491	7.334	31.496	33.975	5.5316	1.80229	0.00026	44.0893	250.000
1.9267	6936	44.0893	25.423	37.00	41.250	1459.460	35.643	-5.206	27.582	4.491	7.334	31.496	33.975	5.5316	1.80213	0.00026	44.0896	250.000
1.9269	6937	44.0896	25.423	37.00	41.250	1459.662	35.648	-5.206	27.583	4.491	7.334	31.496	33.975	5.5316	1.80196	0.00026	44.0898	250.000
1.9272	6938	44.0898	25.423	37.00	41.250	1459.864	35.653	-5.206	27.584	4.491	7.333	31.496	33.975	5.5316	1.80180	0.00026	44.0901	250.000
1.9275	6939	44.0901	25.423	37.00	41.250	1460.066	35.658	-5.206	27.585	4.491	7.333	31.496	33.975	5.5316	1.80164	0.00026	44.0903	250.000
1.9278	6940	44.0903	25.424	37.00	41.250	1460.268	35.663	-5.206	27.586	4.491	7.333	31.496	33.975	5.5316	1.80147	0.00026	44.0906	250.000
1.9281	6941	44.0906	25.424	37.00	41.250	1460.470	35.668	-5.206	27.587	4.492	7.333	31.496	33.975	5.5316	1.80131	0.00026	44.0909	250.000
1.9283	6942	44.0909	25.424	37.00	41.250	1460.672	35.673	-5.206	27.588	4.492	7.333	31.496	33.975	5.5316	1.80115	0.00026	44.0911	250.000
1.9286	6943	44.0911	25.425	37.00	41.250	1460.874	35.677	-5.206	27.589	4.492	7.333	31.496	33.975	5.5316	1.80099	0.00026	44.0914	250.000
1.9289	6944	44.0914	25.425	37.00	41.250	1461.076	35.682	-5.206	27.590	4.492	7.332	31.496	33.975	5.5316	1.80082	0.00026	44.0916	250.000
1.9292	6945	44.0916	25.425	37.00	41.250	1461.278	35.687	-5.206	27.591	4.492	7.332	31.496	33.975	5.5316	1.80066	0.00026	44.0919	250.000
1.9294	6946	44.0919	25.425	37.00	41.250	1461.480	35.692	-5.206	27.592	4.492	7.332	31.496	33.975	5.5316	1.80050	0.00026	44.0921	250.000
1.9297	6947	44.0921	25.426	37.00	41.250	1461.682	35.697	-5.206	27.593	4.493	7.332	31.496	33.975	5.5316	1.80033	0.00026	44.0924	250.000
1.9300	6948	44.0924	25.426	37.00	41.250	1461.884	35.702	-5.206	27.594	4.493	7.332	31.496	33.975	5.5316	1.80017	0.00026	44.0927	250.000
1.9303	6949	44.0927	25.426	37.00	41.250	1462.086	35.707	-5.206	27.595	4.493	7.332	31.496	33.975	5.5316	1.80001	0.00026	44.0929	250.000
1.9306	6950	44.0929	25.426	37.00	41.250	1462.288	35.712	-5.206	27.596	4.493	7.331	31.496	33.975	5.5316	1.79985	0.00026	44.0932	250.000
1.9308	6951	44.0932	25.427	37.00	41.250	1462.491	35.717	-5.206	27.597	4.493	7.331	31.496	33.975	5.5316	1.79968	0.00026	44.0934	250.000
1.9311	6952	44.0934	25.427	37.00	41.250	1462.693	35.722	-5.206	27.598	4.493	7.331	31.496	33.975	5.5316	1.79952	0.00026	44.0937	250.000
1.9314	6953	44.0937	25.427	37.00	41.250	1462.895	35.727	-5.206	27.599	4.494	7.331	31.496	33.975	5.5316	1.79936	0.00026	44.0939	250.000
1.9317	6954	44.0939	25.427	37.00	41.250	1463.097	35.732	-5.206	27.600	4.494	7.331	31.496	33.975	5.5316	1.79919	0.00026	44.0942	250.000
1.9319	6955	44.0942	25.428	37.00	41.250	1463.299	35.737	-5.206	27.601	4.494	7.331	31.496	33.975	5.5316	1.79903	0.00026	44.0945	250.000
1.9322	6956	44.0945	25.428	37.00	41.250	1463.501	35.742	-5.206	27.602	4.494	7.330	31.496	33.975	5.5316	1.79887	0.00026	44.0947	250.000
1.9325	6957	44.0947	25.428	37.00	41.250	1463.703	35.747	-5.206	27.603	4.494	7.330	31.496	33.975	5.5316	1.79871	0.00026	44.0950	250.000
1.9328	6958	44.0950	25.428	37.00	41.250	1463.905	35.751	-5.206	27.604	4.494	7.330	31.496	33.975	5.5316	1.79854	0.00026	44.0952	250.000
1.9331	6959	44.0952	25.429	37.00	41.250	1464.107	35.756	-5.206	27.605	4.494	7.330	31.496	33.975	5.5316	1.79838	0.00026	44.0955	250.000
1.9333	6960	44.0955	25.429	37.00	41.250	1464.309	35.761	-5.206	27.606	4.495	7.330	31.496	33.975	5.5316	1.79822	0.00026	44.0957	250.000
1.9336	6961	44.0957	25.429	37.00	41.250	1464.511	35.766	-5.206	27.607	4.495	7.330	31.496	33.975	5.5316	1.79805	0.00026	44.0960	250.000
1.9339	6962	44.0960	25.429	37.00	41.250	1464.713	35.771	-5.206	27.608	4.495	7.329	31.496	33.975	5.5316	1.79789	0.00026	44.0963	250.000
1.9342	6963	44.0963	25.430	37.00	41.250	1464.915	35.776	-5.206	27.609	4.495	7.329	31.496	33.975	5.5316	1.79773	0.00026	44.0965	250.000
1.9344	6964	44.0965	25.430	37.00	41.250	1465.117	35.781	-5.206	27.610	4.495	7.329	31.496	33.975	5.5316	1.79757	0.00026	44.0968	250.000
1.9347	6965	44.0968	25.430	37.00	41.250	1465.319	35.786	-5.206	27.611	4.495	7.329	31.496	33.975	5.5316	1.79740	0.00026	44.0970	250.000
1.9350	6966	44.0970	25.430	37.00	41.250	1465.521	35.791	-5.206	27.612	4.496	7.329	31.496	33.975	5.5316	1.79724	0.00026	44.0973	250.000
1.9353	6967	44.0973	25.431	37.00	41.250	1465.723	35.796	-5.206	27.613	4.496	7.329	31.496	33.975	5.5316	1.79708	0.00026	44.0975	250.000
1.9356	6968	44.0975	25.431	37.00	41.250	1465.925	35.801	-5.206	27.614	4.496	7.328	31.496	33.975	5.5316	1.79692	0.00026	44.0978	250.000
1.9358	6969	44.0978	25.431	37.00	41.250	1466.127	35.806	-5.206	27.615	4.496	7.328	31.496	33.975	5.5316	1.79675	0.00026	44.0981	250.000
1.9361	6970	44.0981	25.431	37.00	41.250	1466.329	35.811	-5.206	27.616	4.496	7.328	31.496	33.975	5.5316	1.79659	0.00026	44.0983	250.000
1.9364	6971	44.0983	25.432	37.00	41.250	1466.531	35.816	-5.206	27.617	4.496	7.328	31.496	33.975	5.5316	1.79643	0.00026	44.0986	250.000
1.9367	6972	44.0986	25.432	37.00	41.250	1466.733	35.821	-5.206	27.618	4.497	7.328	31.496	33.975	5.5316	1.79627	0.00026	44.0988	250.000
1.9369	6973	44.0988	25.432	37.00	41.250	1466.935	35.826	-5.206	27.619	4.497	7.328	31.496	33.975	5.5316	1.79610	0.00026	44.0991	250.000
1.9372	6974	44.0991	25.432	37.00	41.250	1467.137	35.830	-5.206	27.620	4.497	7.327	31.496	33.975	5.5316	1.79594	0.00026	44.0993	250.000
1.9375	6975	44.0993	25.433	37.00	41.250	1467.339	35.835	-5.206	27.621	4.497	7.327	31.496	33.975	5.5316	1.79578	0.00026	44.0996	250.000
1.9378	6976	44.0996	25.433	37.00	41.250	1467.541	35.840	-5.206	27.622	4.497	7.327	31.496	33.975	5.5316	1.79562	0.00026	44.0998	250.000
1.9381	6977	44.0998	25.433	37.00	41.250	1467.743	35.845	-5.206	27.623	4.497	7.327	31.496	33.975	5.5316	1.79545	0.00026	44.1001	250.000
1.9383	6978	44.1001	25.433	37.00	41.250	1467.945	35.850	-5.206	27.624	4.498	7.327	31.496	33.975	5.5316	1.79529	0.00026	44.1004	250.000
1.9386	6979	44.1004	25.434	37.00	41.250	1468.147	35.855	-5.206	27.625	4.498	7.327	31.496	33.975	5.5316	1.79513	0.00026	44.1006	250.000
1.9389	6980	44.1006	25.434	37.00	41.250	1468.349	35.860	-5.206	27.626	4.498	7.327	31.496	33.975	5.5316	1.79497	0.00026	44.1009	250.000
1.9392	6981	44.1009	25.434	37.00	41.250	1468.551	35.865	-5.206	27.627	4.498	7.326	31.496	33.975	5.5316	1.79480	0.00026	44.1011	250.000
1.9394	6982	44.1011	25.435	37.00	41.250	1468.753	35.870	-5.206	27.628	4.498	7.326	31.496	33.975	5.5316	1.79464	0.00026	44.1014	250.000
1.9397	6983	44.1014	25.435	37.00	41.250	1468.955	35.875	-5.206	27.629	4.498	7.326	31.496	33.975	5.5316	1.79448	0.00026	44.1016	250.000
1.9400	6984	44.1016	25.435	37.00	41.250	1469.158	35.880	-5.206	27.630	4.499	7.326	31.496	33.975	5.5316	1.79432	0.00026	44.1019	250.000
1.9403	6985	44.1019	25.435	37.00	41.250	1469.360	35.885	-5.206	27.631	4.499	7.326	31.496	33.975	5.5316	1.79415	0.00026	44.1022	250.000
1.9406	6986	44.1022	25.436	37.00	41.250	1469.562	35.890	-5.206	27.632	4.499	7.326	31.496	33.975	5.5316	1.79399	0.00026	44.1024	250.000
1.9408	6987	44.1024	25.436	37.00	41.250	1469.764	35.895	-5.206	27.633	4.499	7.325	31.496	33.975	5.5316	1.79383	0.00026	44.1027	250.000
1.9411	6988	44.1027	25.436	37.00	41.250	1469.966	35.900	-5.206	27.634	4.499	7.325	31.496	33.975	5.5316	1.79367	0.00026	44.1029	250.000
1.9414	6989	44.1029	25.436	37.00	41.250	1470.168	35.904	-5.206	27.635	4.499	7.325	31.496	33.975	5.5316	1.79350	0.00026	44.1032	250.000
1.9417	6990	44.1032	25.437	37.00	41.250	1470.370	35.909	-5.206	27.636	4.500	7.325	31.496	33.975	5.5316	1.79334	0.00026	44.1034	250.000
1.9419	6991	44.1034	25.437	37.00	41.250	1470.572	35.914	-5.206	27.637	4.500	7.325	31.496	33.975	5.5316	1.79318	0.00026	44.1037	250.000
1.9422	6992	44.1037	25.437	37.00	41.250	1470.774	35.919	-5.206	27.638	4.500	7.325	31.496	33.975	5.5316	1.79302	0.00026	44.1039	250.000
1.9425	6993	44.1039	25.437	37.00	41.250	1470.976	35.924	-5.206	27.639	4.500	7.324	31.496	33.975	5.5316	1.79285	0.00026	44.1042	250.000
1.9428	6994	44.1042	25.438	37.00	41.250	1471.178	35.929	-5.206	27.640	4.500	7.324	31.496	33.975	5.5316	1.79269	0.00026	44.1045	250.000
1.9431	6995	44.1045	25.438	37.00	41.250	1471.380	35.934	-5.206	27.641	4.500	7.324	31.496	33.975	5.5316	1.79253	0.00026	44.1047	250.000
1.9433	6996	44.1047	25.438	37.00	41.250	1471.582	35.939	-5.206	27.642	4.501	7.324	31.496	33.975	5.5316	1.79237	0.00026	44.1050	250.000
1.9436	6997	44.1050	25.438	37.00	41.250	1471.784	35.944	-5.206	27.643	4.501	7.324	31.496	33.975	5.5316	1.79221	0.00026	44.1052	250.000
1.9439	6998	44.1052	25.439	37.00	41.250	1471.986	35.949	-5.206	27.644	4.501	7.324	31.496	33.975	5.5316	1.79204	0.00026	44.1055	250.000
1.9442	6999	44.1055	25.439	37.00	41.250	1472.188	35.954	-5.206	27.645	4.501	7.323	31.496	33.975	5.5316	1.79188	0.00026	44.1057	250.000
1.9444	7000	44.1057	25.439	37.00	41.250	1472.390	35.959	-5.206	27.646	4.501	7.323	31.496	33.975	5.5316	1.79172	0.00026	44.1060	250.000
1.9447	7001	44.1060	25.439	37.00	41.250	1472.592	35.964	-5.206	27.647	4.501	7.323	31.496	33.975	5.5316	1.79156	0.00026	44.1063	250.000
1.9450	7002	44.1063	25.440	37.00	41.250	1472.794	35.969	-5.206	27.648	4.501	7.323	31.496	33.975	5.5316	1.79140	0.00026	44.1065	250.000
1.9453	7003	44.1065	25.440	37.00	41.250	1472.996	35.974	-5.206	27.649	4.502	7.323	31.496	33.975	5.5316	1.79123	0.00026	44.1068	250.000
1.9456	7004	44.1068	25.440	37.00	41.250	1473.198	35.978	-5.206	27.650	4.502	7.323	31.496	33.975	5.5316	1.79107	0.00026	44.1070	250.000
1.9458	7005	44.1070	25.440	37.00	41.250	1473.400	35.983	-5.206	27.651	4.502	7.322	31.496	33.975	5.5316	1.79091	0.00026	44.1073	250.000
1.9461	7006	44.1073	25.441	37.00	41.250	1473.602	35.988	-5.206	27.652	4.502	7.322	31.496	33.975	5.5316	1.79075	0.00026	44.1075	250.000
1.9464	7007	44.1075	25.441	37.00	41.250	1473.804	35.993	-5.206	27.653	4.502	7.322	31.496	33.975	5.5316	1.79058	0.00026	44.1078	250.000
1.9467	7008	44.1078	25.441	37.00	41.250	1474.006	35.998	-5.206	27.654	4.502	7.322	31.496	33.975	5.5316	1.79042	0.00026	44.1080	250.000
1.9469	7009	44.1080	25.441	37.00	41.250	1474.208	36.003	-5.206	27.655	4.503	7.322	31.496	33.975	5.5316	1.79026	0.00026	44.1083	250.000
1.9472	7010	44.1083	25.442	37.00	41.250	1474.410	36.008	-5.206	27.656	4.503	7.322	31.496	33.975	5.5316	1.79010	0.00026	44.1086	250.000
1.9475	7011	44.1086	25.442	37.00	41.250	1474.612	36.013	-5.206	27.657	4.503	7.321	31.496	33.975	5.5316	1.78994	0.00026	44.1088	250.000
1.9478	7012	44.1088	25.442	37.00	41.250	1474.814	36.018	-5.206	27.658	4.503	7.321	31.496	33.975	5.5316	1.78977	0.00026	44.1091	250.000

1.9481	7013	44.1091	25.442	37.00	41.250	1475.016	36.023	-5.206	27.659	4.503	7.321	31.496	33.975	5.5316	1.78961	0.00026	44.1093	250.000
1.9483	7014	44.1093	25.443	37.00	41.250	1475.218	36.028	-5.206	27.660	4.503	7.321	31.496	33.975	5.5316	1.78945	0.00026	44.1096	250.000
1.9486	7015	44.1096	25.443	37.00	41.250	1475.420	36.033	-5.206	27.661	4.504	7.321	31.496	33.975	5.5316	1.78929	0.00026	44.1098	250.000
1.9489	7016	44.1098	25.443	37.00	41.250	1475.622	36.038	-5.206	27.662	4.504	7.321	31.496	33.975	5.5316	1.78913	0.00026	44.1101	250.000
1.9492	7017	44.1101	25.443	37.00	41.250	1475.824	36.043	-5.206	27.663	4.504	7.321	31.496	33.975	5.5316	1.78897	0.00026	44.1103	250.000
1.9494	7018	44.1103	25.444	37.00	41.250	1476.027	36.048	-5.206	27.664	4.504	7.320	31.496	33.975	5.5316	1.78880	0.00026	44.1106	250.000
1.9497	7019	44.1106	25.444	37.00	41.250	1476.229	36.052	-5.206	27.665	4.504	7.320	31.496	33.975	5.5316	1.78864	0.00026	44.1109	250.000
1.9500	7020	44.1109	25.444	37.00	41.250	1476.431	36.057	-5.206	27.666	4.504	7.320	31.496	33.975	5.5316	1.78848	0.00026	44.1111	250.000
1.9503	7021	44.1111	25.444	37.00	41.250	1476.633	36.062	-5.206	27.667	4.505	7.320	31.496	33.975	5.5316	1.78832	0.00026	44.1114	250.000
1.9506	7022	44.1114	25.445	37.00	41.250	1476.835	36.067	-5.206	27.668	4.505	7.320	31.496	33.975	5.5316	1.78816	0.00026	44.1116	250.000
1.9508	7023	44.1116	25.445	37.00	41.250	1477.037	36.072	-5.206	27.669	4.505	7.320	31.496	33.975	5.5316	1.78799	0.00026	44.1119	250.000
1.9511	7024	44.1119	25.445	37.00	41.250	1477.239	36.077	-5.206	27.670	4.505	7.319	31.496	33.975	5.5316	1.78783	0.00026	44.1121	250.000
1.9514	7025	44.1121	25.446	37.00	41.250	1477.441	36.082	-5.206	27.671	4.505	7.319	31.496	33.975	5.5316	1.78767	0.00026	44.1124	250.000
1.9517	7026	44.1124	25.446	37.00	41.250	1477.643	36.087	-5.206	27.672	4.505	7.319	31.496	33.975	5.5316	1.78751	0.00026	44.1126	250.000
1.9519	7027	44.1126	25.446	37.00	41.250	1477.845	36.092	-5.206	27.673	4.506	7.319	31.496	33.975	5.5316	1.78735	0.00026	44.1129	250.000
1.9522	7028	44.1129	25.446	37.00	41.250	1478.047	36.097	-5.206	27.674	4.506	7.319	31.496	33.975	5.5316	1.78719	0.00026	44.1132	250.000
1.9525	7029	44.1132	25.447	37.00	41.250	1478.249	36.102	-5.206	27.675	4.506	7.319	31.496	33.975	5.5316	1.78702	0.00026	44.1134	250.000
1.9528	7030	44.1134	25.447	37.00	41.250	1478.451	36.107	-5.206	27.676	4.506	7.318	31.496	33.975	5.5316	1.78686	0.00026	44.1137	250.000
1.9531	7031	44.1137	25.447	37.00	41.250	1478.653	36.112	-5.206	27.677	4.506	7.318	31.496	33.975	5.5316	1.78670	0.00026	44.1139	250.000
1.9533	7032	44.1139	25.447	37.00	41.250	1478.855	36.117	-5.206	27.678	4.506	7.318	31.496	33.975	5.5316	1.78654	0.00026	44.1142	250.000
1.9536	7033	44.1142	25.448	37.00	41.250	1479.057	36.122	-5.206	27.679	4.506	7.318	31.496	33.975	5.5316	1.78638	0.00026	44.1144	250.000
1.9539	7034	44.1144	25.448	37.00	41.250	1479.259	36.126	-5.206	27.680	4.507	7.318	31.496	33.975	5.5316	1.78621	0.00026	44.1147	250.000
1.9542	7035	44.1147	25.448	37.00	41.250	1479.461	36.131	-5.206	27.681	4.507	7.318	31.496	33.975	5.5316	1.78605	0.00026	44.1149	250.000
1.9544	7036	44.1149	25.448	37.00	41.250	1479.663	36.136	-5.206	27.682	4.507	7.317	31.496	33.975	5.5316	1.78589	0.00026	44.1152	250.000
1.9547	7037	44.1152	25.449	37.00	41.250	1479.865	36.141	-5.206	27.683	4.507	7.317	31.496	33.975	5.5316	1.78573	0.00026	44.1155	250.000
1.9550	7038	44.1155	25.449	37.00	41.250	1480.067	36.146	-5.206	27.684	4.507	7.317	31.496	33.975	5.5316	1.78557	0.00026	44.1157	250.000
1.9553	7039	44.1157	25.449	37.00	41.250	1480.269	36.151	-5.206	27.685	4.507	7.317	31.496	33.975	5.5316	1.78541	0.00026	44.1160	250.000
1.9556	7040	44.1160	25.449	37.00	41.250	1480.471	36.156	-5.206	27.686	4.508	7.317	31.496	33.975	5.5316	1.78525	0.00026	44.1162	250.000
1.9558	7041	44.1162	25.450	37.00	41.250	1480.673	36.161	-5.206	27.687	4.508	7.317	31.496	33.975	5.5316	1.78508	0.00026	44.1165	250.000
1.9561	7042	44.1165	25.450	37.00	41.250	1480.875	36.166	-5.206	27.688	4.508	7.316	31.496	33.975	5.5316	1.78492	0.00025	44.1167	250.000
1.9564	7043	44.1167	25.450	37.00	41.250	1481.077	36.171	-5.206	27.689	4.508	7.316	31.496	33.975	5.5316	1.78476	0.00025	44.1170	250.000
1.9567	7044	44.1170	25.450	37.00	41.250	1481.279	36.176	-5.206	27.690	4.508	7.316	31.496	33.975	5.5316	1.78460	0.00025	44.1172	250.000
1.9569	7045	44.1172	25.451	37.00	41.250	1481.481	36.181	-5.206	27.691	4.508	7.316	31.496	33.975	5.5316	1.78444	0.00025	44.1175	250.000
1.9572	7046	44.1175	25.451	37.00	41.250	1481.683	36.186	-5.206	27.692	4.509	7.316	31.496	33.975	5.5316	1.78428	0.00025	44.1177	250.000
1.9575	7047	44.1177	25.451	37.00	41.250	1481.885	36.191	-5.206	27.693	4.509	7.316	31.496	33.975	5.5316	1.78411	0.00025	44.1180	250.000
1.9578	7048	44.1180	25.451	37.00	41.250	1482.087	36.196	-5.206	27.694	4.509	7.316	31.496	33.975	5.5316	1.78395	0.00025	44.1183	250.000
1.9581	7049	44.1183	25.452	37.00	41.250	1482.289	36.200	-5.206	27.695	4.509	7.315	31.496	33.975	5.5316	1.78379	0.00025	44.1185	250.000
1.9583	7050	44.1185	25.452	37.00	41.250	1482.491	36.205	-5.206	27.696	4.509	7.315	31.496	33.975	5.5316	1.78363	0.00025	44.1188	250.000
1.9586	7051	44.1188	25.452	37.00	41.250	1482.694	36.210	-5.206	27.697	4.509	7.315	31.496	33.975	5.5316	1.78347	0.00025	44.1190	250.000
1.9589	7052	44.1190	25.452	37.00	41.250	1482.896	36.215	-5.206	27.698	4.510	7.315	31.496	33.975	5.5316	1.78331	0.00025	44.1193	250.000
1.9592	7053	44.1193	25.453	37.00	41.250	1483.098	36.220	-5.206	27.699	4.510	7.315	31.496	33.975	5.5316	1.78315	0.00025	44.1195	250.000
1.9594	7054	44.1195	25.453	37.00	41.250	1483.300	36.225	-5.206	27.700	4.510	7.315	31.496	33.975	5.5316	1.78298	0.00025	44.1198	250.000
1.9597	7055	44.1198	25.453	37.00	41.250	1483.502	36.230	-5.206	27.701	4.510	7.314	31.496	33.975	5.5316	1.78282	0.00025	44.1200	250.000
1.9600	7056	44.1200	25.453	37.00	41.250	1483.704	36.235	-5.206	27.702	4.510	7.314	31.496	33.975	5.5316	1.78266	0.00025	44.1203	250.000
1.9603	7057	44.1203	25.454	37.00	41.250	1483.906	36.240	-5.206	27.703	4.510	7.314	31.496	33.975	5.5316	1.78250	0.00025	44.1205	250.000
1.9606	7058	44.1205	25.454	37.00	41.250	1484.108	36.245	-5.206	27.704	4.511	7.314	31.496	33.975	5.5316	1.78234	0.00025	44.1208	250.000
1.9608	7059	44.1208	25.454	37.00	41.250	1484.310	36.250	-5.206	27.705	4.511	7.314	31.496	33.975	5.5316	1.78218	0.00025	44.1211	250.000
1.9611	7060	44.1211	25.454	37.00	41.250	1484.512	36.255	-5.206	27.706	4.511	7.314	31.496	33.975	5.5316	1.78202	0.00025	44.1213	250.000
1.9614	7061	44.1213	25.455	37.00	41.250	1484.714	36.260	-5.206	27.707	4.511	7.313	31.496	33.975	5.5316	1.78186	0.00025	44.1216	250.000
1.9617	7062	44.1216	25.455	37.00	41.250	1484.916	36.265	-5.206	27.708	4.511	7.313	31.496	33.975	5.5316	1.78169	0.00025	44.1218	250.000
1.9619	7063	44.1218	25.455	37.00	41.250	1485.118	36.270	-5.206	27.709	4.511	7.313	31.496	33.975	5.5316	1.78153	0.00025	44.1221	250.000
1.9622	7064	44.1221	25.455	37.00	41.250	1485.320	36.274	-5.206	27.710	4.512	7.313	31.496	33.975	5.5316	1.78137	0.00025	44.1223	250.000
1.9625	7065	44.1223	25.456	37.00	41.250	1485.522	36.279	-5.206	27.711	4.512	7.313	31.496	33.975	5.5316	1.78121	0.00025	44.1226	250.000
1.9628	7066	44.1226	25.456	37.00	41.250	1485.724	36.284	-5.206	27.712	4.512	7.313	31.496	33.975	5.5316	1.78105	0.00025	44.1228	250.000
1.9631	7067	44.1228	25.456	37.00	41.250	1485.926	36.289	-5.206	27.713	4.512	7.312	31.496	33.975	5.5316	1.78089	0.00025	44.1231	250.000
1.9633	7068	44.1231	25.456	37.00	41.250	1486.128	36.294	-5.206	27.714	4.512	7.312	31.496	33.975	5.5316	1.78073	0.00025	44.1233	250.000
1.9636	7069	44.1233	25.457	37.00	41.250	1486.330	36.299	-5.206	27.715	4.512	7.312	31.496	33.975	5.5316	1.78057	0.00025	44.1236	250.000
1.9639	7070	44.1236	25.457	37.00	41.250	1486.532	36.304	-5.206	27.716	4.512	7.312	31.496	33.975	5.5316	1.78041	0.00025	44.1239	250.000
1.9642	7071	44.1239	25.457	37.00	41.250	1486.734	36.309	-5.206	27.717	4.513	7.312	31.496	33.975	5.5316	1.78024	0.00025	44.1241	250.000
1.9644	7072	44.1241	25.457	37.00	41.250	1486.936	36.314	-5.206	27.718	4.513	7.312	31.496	33.975	5.5316	1.78008	0.00025	44.1244	250.000
1.9647	7073	44.1244	25.458	37.00	41.250	1487.138	36.319	-5.206	27.719	4.513	7.311	31.496	33.975	5.5316	1.77992	0.00025	44.1246	250.000
1.9650	7074	44.1246	25.458	37.00	41.250	1487.340	36.324	-5.206	27.720	4.513	7.311	31.496	33.975	5.5316	1.77976	0.00025	44.1249	250.000
1.9653	7075	44.1249	25.458	37.00	41.250	1487.542	36.329	-5.206	27.721	4.513	7.311	31.496	33.975	5.5316	1.77960	0.00025	44.1251	250.000
1.9656	7076	44.1251	25.459	37.00	41.250	1487.744	36.334	-5.206	27.722	4.513	7.311	31.496	33.975	5.5316	1.77944	0.00025	44.1254	250.000
1.9658	7077	44.1254	25.459	37.00	41.250	1487.946	36.339	-5.206	27.723	4.514	7.311	31.496	33.975	5.5316	1.77928	0.00025	44.1256	250.000
1.9661	7078	44.1256	25.459	37.00	41.250	1488.148	36.344	-5.206	27.724	4.514	7.311	31.496	33.975	5.5316	1.77912	0.00025	44.1259	250.000
1.9664	7079	44.1259	25.459	37.00	41.250	1488.350	36.349	-5.206	27.725	4.514	7.311	31.496	33.975	5.5316	1.77896	0.00025	44.1261	250.000
1.9667	7080	44.1261	25.460	37.00	41.250	1488.552	36.353	-5.206	27.725	4.514	7.310	31.496	33.975	5.5316	1.77879	0.00025	44.1264	250.000
1.9669	7081	44.1264	25.460	37.00	41.250	1488.754	36.358	-5.206	27.726	4.514	7.310	31.496	33.975	5.5316	1.77863	0.00025	44.1267	250.000
1.9672	7082	44.1267	25.460	37.00	41.250	1488.956	36.363	-5.206	27.727	4.514	7.310	31.496	33.975	5.5316	1.77847	0.00025	44.1269	250.000
1.9675	7083	44.1269	25.460	37.00	41.250	1489.158	36.368	-5.206	27.728	4.515	7.310	31.496	33.975	5.5316	1.77831	0.00025	44.1272	250.000
1.9678	7084	44.1272	25.461	37.00	41.250	1489.361	36.373	-5.206	27.729	4.515	7.310	31.496	33.975	5.5316	1.77815	0.00025	44.1274	250.000
1.9681	7085	44.1274	25.461	37.00	41.250	1489.563	36.378	-5.206	27.730	4.515	7.310	31.496	33.975	5.5316	1.77799	0.00025	44.1277	250.000
1.9683	7086	44.1277	25.461	37.00	41.250	1489.765	36.383	-5.206	27.731	4.515	7.309	31.496	33.975	5.5316	1.77783	0.00025	44.1279	250.000
1.9686	7087	44.1279	25.461	37.00	41.250	1489.967	36.388	-5.206	27.732	4.515	7.309	31.496	33.975	5.5316	1.77767	0.00025	44.1282	250.000
1.9689	7088	44.1282	25.462	37.00	41.250	1490.169	36.393	-5.206	27.733	4.515	7.309	31.496	33.975	5.5316	1.77751	0.00025	44.1284	250.000
1.9692	7089	44.1284	25.462	37.00	41.250	1490.371	36.398	-5.206	27.734	4.516	7.309	31.496	33.975	5.5316	1.77735	0.00025	44.1287	250.000
1.9694	7090	44.1287	25.462	37.00	41.250	1490.573	36.403	-5.206	27.735	4.516	7.309	31.496	33.975	5.5316	1.77719	0.00025	44.1289	250.000
1.9697	7091	44.1289	25.462	37.00	41.250	1490.775	36.408	-5.206	27.736	4.516	7.309	31.496	33.975	5.5316	1.77702	0.00025	44.1292	250.000
1.9700	7092	44.1292	25.463	37.00	41.250	1490.977	36.413	-5.206	27.737	4.516	7.308	31.496	33.975	5.5316	1.77686	0.00025	44.1294	250.000
1.9703	7093	44.1294	25.463	37.00	41.250	1491.179	36.418	-5.206	27.738	4.516	7.308	31.496	33.975	5.5316	1.77670	0.00025	44.1297	250.000

1.9706	7094	44.1297	25.463	37.00	41.250	1491.381	36.423	-5.206	27.739	4.516	7.308	31.496	33.975	5.5316	1.77654	0.00025	44.1300	250.000
1.9708	7095	44.1300	25.463	37.00	41.250	1491.583	36.427	-5.206	27.740	4.516	7.308	31.496	33.975	5.5316	1.77638	0.00025	44.1302	250.000
1.9711	7096	44.1302	25.464	37.00	41.250	1491.785	36.432	-5.206	27.741	4.517	7.308	31.496	33.975	5.5316	1.77622	0.00025	44.1305	250.000
1.9714	7097	44.1305	25.464	37.00	41.250	1491.987	36.437	-5.206	27.742	4.517	7.308	31.496	33.975	5.5316	1.77606	0.00025	44.1307	250.000
1.9717	7098	44.1307	25.464	37.00	41.250	1492.189	36.442	-5.206	27.743	4.517	7.307	31.496	33.975	5.5316	1.77590	0.00025	44.1310	250.000
1.9719	7099	44.1310	25.464	37.00	41.250	1492.391	36.447	-5.206	27.744	4.517	7.307	31.496	33.975	5.5316	1.77574	0.00025	44.1312	250.000
1.9722	7100	44.1312	25.465	37.00	41.250	1492.593	36.452	-5.206	27.745	4.517	7.307	31.496	33.975	5.5316	1.77558	0.00025	44.1315	250.000
1.9725	7101	44.1315	25.465	37.00	41.250	1492.795	36.457	-5.206	27.746	4.517	7.307	31.496	33.975	5.5316	1.77542	0.00025	44.1317	250.000
1.9728	7102	44.1317	25.465	37.00	41.250	1492.997	36.462	-5.206	27.747	4.518	7.307	31.496	33.975	5.5316	1.77526	0.00025	44.1320	250.000
1.9731	7103	44.1320	25.465	37.00	41.250	1493.199	36.467	-5.206	27.748	4.518	7.307	31.496	33.975	5.5316	1.77510	0.00025	44.1322	250.000
1.9733	7104	44.1322	25.466	37.00	41.250	1493.401	36.472	-5.206	27.749	4.518	7.306	31.496	33.975	5.5316	1.77494	0.00025	44.1325	250.000
1.9736	7105	44.1325	25.466	37.00	41.250	1493.603	36.477	-5.206	27.750	4.518	7.306	31.496	33.975	5.5316	1.77477	0.00025	44.1327	250.000
1.9739	7106	44.1327	25.466	37.00	41.250	1493.805	36.482	-5.206	27.751	4.518	7.306	31.496	33.975	5.5316	1.77461	0.00025	44.1330	250.000
1.9742	7107	44.1330	25.466	37.00	41.250	1494.007	36.487	-5.206	27.752	4.518	7.306	31.496	33.975	5.5316	1.77445	0.00025	44.1333	250.000
1.9744	7108	44.1333	25.467	37.00	41.250	1494.209	36.492	-5.206	27.753	4.519	7.306	31.496	33.975	5.5316	1.77429	0.00025	44.1335	250.000
1.9747	7109	44.1335	25.467	37.00	41.250	1494.411	36.497	-5.206	27.754	4.519	7.306	31.496	33.975	5.5316	1.77413	0.00025	44.1338	250.000
1.9750	7110	44.1338	25.467	37.00	41.250	1494.613	36.501	-5.206	27.755	4.519	7.306	31.496	33.975	5.5316	1.77397	0.00025	44.1340	250.000
1.9753	7111	44.1340	25.467	37.00	41.250	1494.815	36.506	-5.206	27.756	4.519	7.305	31.496	33.975	5.5316	1.77381	0.00025	44.1343	250.000
1.9756	7112	44.1343	25.468	37.00	41.250	1495.017	36.511	-5.206	27.757	4.519	7.305	31.496	33.975	5.5316	1.77365	0.00025	44.1345	250.000
1.9758	7113	44.1345	25.468	37.00	41.250	1495.219	36.516	-5.206	27.758	4.519	7.305	31.496	33.975	5.5316	1.77349	0.00025	44.1348	250.000
1.9761	7114	44.1348	25.468	37.00	41.250	1495.421	36.521	-5.206	27.759	4.520	7.305	31.496	33.975	5.5316	1.77333	0.00025	44.1350	250.000
1.9764	7115	44.1350	25.468	37.00	41.250	1495.623	36.526	-5.206	27.760	4.520	7.305	31.496	33.975	5.5316	1.77317	0.00025	44.1353	250.000
1.9767	7116	44.1353	25.469	37.00	41.250	1495.825	36.531	-5.206	27.761	4.520	7.305	31.496	33.975	5.5316	1.77301	0.00025	44.1355	250.000
1.9769	7117	44.1355	25.469	37.00	41.250	1496.027	36.536	-5.206	27.762	4.520	7.304	31.496	33.975	5.5316	1.77285	0.00025	44.1358	250.000
1.9772	7118	44.1358	25.469	37.00	41.250	1496.230	36.541	-5.206	27.763	4.520	7.304	31.496	33.975	5.5316	1.77269	0.00025	44.1360	250.000
1.9775	7119	44.1360	25.469	37.00	41.250	1496.432	36.546	-5.206	27.764	4.520	7.304	31.496	33.975	5.5316	1.77253	0.00025	44.1363	250.000
1.9778	7120	44.1363	25.470	37.00	41.250	1496.634	36.551	-5.206	27.765	4.521	7.304	31.496	33.975	5.5316	1.77237	0.00025	44.1365	250.000
1.9781	7121	44.1365	25.470	37.00	41.250	1496.836	36.556	-5.206	27.766	4.521	7.304	31.496	33.975	5.5316	1.77221	0.00025	44.1368	250.000
1.9783	7122	44.1368	25.470	37.00	41.250	1497.038	36.561	-5.206	27.767	4.521	7.304	31.496	33.975	5.5316	1.77205	0.00025	44.1371	250.000
1.9786	7123	44.1371	25.470	37.00	41.250	1497.240	36.566	-5.206	27.768	4.521	7.303	31.496	33.975	5.5316	1.77189	0.00025	44.1373	250.000
1.9789	7124	44.1373	25.471	37.00	41.250	1497.442	36.571	-5.206	27.769	4.521	7.303	31.496	33.975	5.5316	1.77173	0.00025	44.1376	250.000
1.9792	7125	44.1376	25.471	37.00	41.250	1497.644	36.575	-5.206	27.770	4.521	7.303	31.496	33.975	5.5316	1.77157	0.00025	44.1378	250.000
1.9794	7126	44.1378	25.471	37.00	41.250	1497.846	36.580	-5.206	27.771	4.521	7.303	31.496	33.975	5.5316	1.77141	0.00025	44.1381	250.000
1.9797	7127	44.1381	25.471	37.00	41.250	1498.048	36.585	-5.206	27.772	4.522	7.303	31.496	33.975	5.5316	1.77124	0.00025	44.1383	250.000
1.9800	7128	44.1383	25.472	37.00	41.250	1498.250	36.590	-5.206	27.773	4.522	7.303	31.496	33.975	5.5316	1.77108	0.00025	44.1386	250.000
1.9803	7129	44.1386	25.472	37.00	41.250	1498.452	36.595	-5.206	27.774	4.522	7.302	31.496	33.975	5.5316	1.77092	0.00025	44.1388	250.000
1.9806	7130	44.1388	25.472	37.00	41.250	1498.654	36.600	-5.206	27.775	4.522	7.302	31.496	33.975	5.5316	1.77076	0.00025	44.1391	250.000
1.9808	7131	44.1391	25.472	37.00	41.250	1498.856	36.605	-5.206	27.776	4.522	7.302	31.496	33.975	5.5316	1.77060	0.00025	44.1393	250.000
1.9811	7132	44.1393	25.473	37.00	41.250	1499.058	36.610	-5.206	27.777	4.522	7.302	31.496	33.975	5.5316	1.77044	0.00025	44.1396	250.000
1.9814	7133	44.1396	25.473	37.00	41.250	1499.260	36.615	-5.206	27.778	4.523	7.302	31.496	33.975	5.5316	1.77028	0.00025	44.1398	250.000
1.9817	7134	44.1398	25.473	37.00	41.250	1499.462	36.620	-5.206	27.779	4.523	7.302	31.496	33.975	5.5316	1.77012	0.00025	44.1401	250.000
1.9819	7135	44.1401	25.473	37.00	41.250	1499.664	36.625	-5.206	27.780	4.523	7.302	31.496	33.975	5.5316	1.76996	0.00025	44.1403	250.000
1.9822	7136	44.1403	25.474	37.00	41.250	1499.866	36.630	-5.206	27.781	4.523	7.301	31.496	33.975	5.5316	1.76980	0.00025	44.1406	250.000
1.9825	7137	44.1406	25.474	37.00	41.250	1500.068	36.635	-5.206	27.782	4.523	7.301	31.496	33.975	5.5316	1.76964	0.00025	44.1408	250.000
1.9828	7138	44.1408	25.474	37.00	41.250	1500.270	36.640	-5.206	27.783	4.523	7.301	31.496	33.975	5.5316	1.76948	0.00025	44.1411	250.000
1.9831	7139	44.1411	25.474	37.00	41.250	1500.472	36.645	-5.206	27.784	4.524	7.301	31.496	33.975	5.5316	1.76932	0.00025	44.1414	250.000
1.9833	7140	44.1414	25.475	37.00	41.250	1500.674	36.649	-5.206	27.785	4.524	7.301	31.496	33.975	5.5316	1.76916	0.00025	44.1416	250.000
1.9836	7141	44.1416	25.475	37.00	41.250	1500.876	36.654	-5.206	27.786	4.524	7.301	31.496	33.975	5.5316	1.76900	0.00025	44.1419	250.000
1.9839	7142	44.1419	25.475	37.00	41.250	1501.078	36.659	-5.206	27.787	4.524	7.300	31.496	33.975	5.5316	1.76884	0.00025	44.1421	250.000
1.9842	7143	44.1421	25.475	37.00	41.250	1501.280	36.664	-5.206	27.788	4.524	7.300	31.496	33.975	5.5316	1.76868	0.00025	44.1424	250.000
1.9844	7144	44.1424	25.476	37.00	41.250	1501.482	36.669	-5.206	27.789	4.524	7.300	31.496	33.975	5.5316	1.76852	0.00025	44.1426	250.000
1.9847	7145	44.1426	25.476	37.00	41.250	1501.684	36.674	-5.206	27.790	4.525	7.300	31.496	33.975	5.5316	1.76836	0.00025	44.1429	250.000
1.9850	7146	44.1429	25.476	37.00	41.250	1501.886	36.679	-5.206	27.791	4.525	7.300	31.496	33.975	5.5316	1.76820	0.00025	44.1431	250.000
1.9853	7147	44.1431	25.477	37.00	41.250	1502.088	36.684	-5.206	27.792	4.525	7.300	31.496	33.975	5.5316	1.76804	0.00025	44.1434	250.000
1.9856	7148	44.1434	25.477	37.00	41.250	1502.290	36.689	-5.206	27.793	4.525	7.299	31.496	33.975	5.5316	1.76788	0.00025	44.1436	250.000
1.9858	7149	44.1436	25.477	37.00	41.250	1502.492	36.694	-5.206	27.793	4.525	7.299	31.496	33.975	5.5316	1.76772	0.00025	44.1439	250.000
1.9861	7150	44.1439	25.477	37.00	41.250	1502.694	36.699	-5.206	27.794	4.525	7.299	31.496	33.975	5.5316	1.76756	0.00025	44.1441	250.000
1.9864	7151	44.1441	25.478	37.00	41.250	1502.897	36.704	-5.206	27.795	4.525	7.299	31.496	33.975	5.5316	1.76740	0.00025	44.1444	250.000
1.9867	7152	44.1444	25.478	37.00	41.250	1503.099	36.709	-5.206	27.796	4.526	7.299	31.496	33.975	5.5316	1.76724	0.00025	44.1446	250.000
1.9869	7153	44.1446	25.478	37.00	41.250	1503.301	36.714	-5.206	27.797	4.526	7.299	31.496	33.975	5.5316	1.76708	0.00025	44.1449	250.000
1.9872	7154	44.1449	25.478	37.00	41.250	1503.503	36.719	-5.206	27.798	4.526	7.298	31.496	33.975	5.5316	1.76692	0.00025	44.1451	250.000
1.9875	7155	44.1451	25.479	37.00	41.250	1503.705	36.723	-5.206	27.799	4.526	7.298	31.496	33.975	5.5316	1.76676	0.00025	44.1454	250.000
1.9878	7156	44.1454	25.479	37.00	41.250	1503.907	36.728	-5.206	27.800	4.526	7.298	31.496	33.975	5.5316	1.76660	0.00025	44.1456	250.000
1.9881	7157	44.1456	25.479	37.00	41.250	1504.109	36.733	-5.206	27.801	4.526	7.298	31.496	33.975	5.5316	1.76644	0.00025	44.1459	250.000
1.9883	7158	44.1459	25.479	37.00	41.250	1504.311	36.738	-5.206	27.802	4.527	7.298	31.496	33.975	5.5316	1.76628	0.00025	44.1461	250.000
1.9886	7159	44.1461	25.480	37.00	41.250	1504.513	36.743	-5.206	27.803	4.527	7.298	31.496	33.975	5.5316	1.76612	0.00025	44.1464	250.000
1.9889	7160	44.1464	25.480	37.00	41.250	1504.715	36.748	-5.206	27.804	4.527	7.298	31.496	33.975	5.5316	1.76596	0.00025	44.1467	250.000
1.9892	7161	44.1467	25.480	37.00	41.250	1504.917	36.753	-5.206	27.805	4.527	7.297	31.496	33.975	5.5316	1.76580	0.00025	44.1469	250.000
1.9894	7162	44.1469	25.480	37.00	41.250	1505.119	36.758	-5.206	27.806	4.527	7.297	31.496	33.975	5.5316	1.76564	0.00025	44.1472	250.000
1.9897	7163	44.1472	25.481	37.00	41.250	1505.321	36.763	-5.206	27.807	4.527	7.297	31.496	33.975	5.5316	1.76548	0.00025	44.1474	250.000
1.9900	7164	44.1474	25.481	37.00	41.250	1505.523	36.768	-5.206	27.808	4.528	7.297	31.496	33.975	5.5316	1.76532	0.00025	44.1477	250.000
1.9903	7165	44.1477	25.481	37.00	41.250	1505.725	36.773	-5.206	27.809	4.528	7.297	31.496	33.975	5.5316	1.76516	0.00025	44.1479	250.000
1.9906	7166	44.1479	25.481	37.00	41.250	1505.927	36.778	-5.206	27.810	4.528	7.297	31.496	33.975	5.5316	1.76500	0.00025	44.1482	250.000
1.9908	7167	44.1482	25.482	37.00	41.250	1506.129	36.783	-5.206	27.811	4.528	7.296	31.496	33.975	5.5316	1.76484	0.00025	44.1484	250.000
1.9911	7168	44.1484	25.482	37.00	41.250	1506.331	36.788	-5.206	27.812	4.528	7.296	31.496	33.975	5.5316	1.76468	0.00025	44.1487	250.000
1.9914	7169	44.1487	25.482	37.00	41.250	1506.533	36.793	-5.206	27.813	4.528	7.296	31.496	33.975	5.5316	1.76453	0.00025	44.1489	250.000
1.9917	7170	44.1489	25.482	37.00	41.250	1506.735	36.797	-5.206	27.814	4.529	7.296	31.496	33.975	5.5316	1.76437	0.00025	44.1492	250.000
1.9919	7171	44.1492	25.483	37.00	41.250	1506.937	36.802	-5.206	27.815	4.529	7.296	31.496	33.975	5.5316	1.76421	0.00025	44.1494	250.000
1.9922	7172	44.1494	25.483	37.00	41.250	1507.139	36.807	-5.206	27.816	4.529	7.296	31.496	33.975	5.5316	1.76405	0.00025	44.1497	250.000
1.9925	7173	44.1497	25.483	37.00	41.250	1507.341	36.812	-5.206	27.817	4.529	7.295	31.496	33.975	5.5316	1.76389	0.00025	44.1499	250.000
1.9928	7174	44.1499	25.483	37.00	41.250	1507.543	36.817	-5.206	27.818	4.529	7.295	31.496	33.975	5.5316	1.76373	0.00025	44.1502	250.000

1.9931	7175	44.1502	25.484	37.00	41.250	1507.745	36.822	-5.206	27.819	4.529	7.295	31.496	33.975	5.5316	1.76357	0.00025	44.1504	250.000
1.9933	7176	44.1504	25.484	37.00	41.250	1507.947	36.827	-5.206	27.820	4.529	7.295	31.496	33.975	5.5316	1.76341	0.00025	44.1507	250.000
1.9936	7177	44.1507	25.484	37.00	41.250	1508.149	36.832	-5.206	27.821	4.530	7.295	31.496	33.975	5.5316	1.76325	0.00025	44.1509	250.000
1.9939	7178	44.1509	25.484	37.00	41.250	1508.351	36.837	-5.206	27.822	4.530	7.295	31.496	33.975	5.5316	1.76309	0.00025	44.1512	250.000
1.9942	7179	44.1512	25.485	37.00	41.250	1508.553	36.842	-5.206	27.823	4.530	7.294	31.496	33.975	5.5316	1.76293	0.00025	44.1514	250.000
1.9944	7180	44.1514	25.485	37.00	41.250	1508.755	36.847	-5.206	27.824	4.530	7.294	31.496	33.975	5.5316	1.76277	0.00025	44.1517	250.000
1.9947	7181	44.1517	25.485	37.00	41.250	1508.957	36.852	-5.206	27.825	4.530	7.294	31.496	33.975	5.5316	1.76261	0.00025	44.1519	250.000
1.9950	7182	44.1519	25.485	37.00	41.250	1509.159	36.857	-5.206	27.826	4.530	7.294	31.496	33.975	5.5316	1.76245	0.00025	44.1522	250.000
1.9953	7183	44.1522	25.486	37.00	41.250	1509.361	36.862	-5.206	27.827	4.531	7.294	31.496	33.975	5.5316	1.76229	0.00025	44.1524	250.000
1.9956	7184	44.1524	25.486	37.00	41.250	1509.563	36.867	-5.206	27.828	4.531	7.294	31.496	33.975	5.5316	1.76213	0.00025	44.1527	250.000
1.9958	7185	44.1527	25.486	37.00	41.250	1509.766	36.872	-5.206	27.829	4.531	7.294	31.496	33.975	5.5316	1.76197	0.00025	44.1530	250.000
1.9961	7186	44.1530	25.486	37.00	41.250	1509.968	36.876	-5.206	27.830	4.531	7.293	31.496	33.975	5.5316	1.76181	0.00025	44.1532	250.000
1.9964	7187	44.1532	25.487	37.00	41.250	1510.170	36.881	-5.206	27.831	4.531	7.293	31.496	33.975	5.5316	1.76165	0.00025	44.1535	250.000
1.9967	7188	44.1535	25.487	37.00	41.250	1510.372	36.886	-5.206	27.832	4.531	7.293	31.496	33.975	5.5316	1.76149	0.00025	44.1537	250.000
1.9969	7189	44.1537	25.487	37.00	41.250	1510.574	36.891	-5.206	27.833	4.532	7.293	31.496	33.975	5.5316	1.76133	0.00025	44.1540	250.000
1.9972	7190	44.1540	25.487	37.00	41.250	1510.776	36.896	-5.206	27.834	4.532	7.293	31.496	33.975	5.5316	1.76117	0.00025	44.1542	250.000
1.9975	7191	44.1542	25.488	37.00	41.250	1510.978	36.901	-5.206	27.835	4.532	7.293	31.496	33.975	5.5316	1.76102	0.00025	44.1545	250.000
1.9978	7192	44.1545	25.488	37.00	41.250	1511.180	36.906	-5.206	27.836	4.532	7.292	31.496	33.975	5.5316	1.76086	0.00025	44.1547	250.000
1.9981	7193	44.1547	25.488	37.00	41.250	1511.382	36.911	-5.206	27.837	4.532	7.292	31.496	33.975	5.5316	1.76070	0.00025	44.1550	250.000
1.9983	7194	44.1550	25.488	37.00	41.250	1511.584	36.916	-5.206	27.838	4.532	7.292	31.496	33.975	5.5316	1.76054	0.00025	44.1552	250.000
1.9986	7195	44.1552	25.489	37.00	41.250	1511.786	36.921	-5.206	27.839	4.532	7.292	31.496	33.975	5.5316	1.76038	0.00025	44.1555	250.000
1.9989	7196	44.1555	25.489	37.00	41.250	1511.988	36.926	-5.206	27.840	4.533	7.292	31.496	33.975	5.5316	1.76022	0.00025	44.1557	250.000
1.9992	7197	44.1557	25.489	37.00	41.250	1512.190	36.931	-5.206	27.841	4.533	7.292	31.496	33.975	5.5316	1.76006	0.00025	44.1560	250.000
1.9994	7198	44.1560	25.489	37.00	41.250	1512.392	36.936	-5.206	27.842	4.533	7.291	31.496	33.975	5.5316	1.75990	0.00025	44.1562	250.000
1.9997	7199	44.1562	25.490	37.00	41.250	1512.594	36.941	-5.206	27.843	4.533	7.291	31.496	33.975	5.5316	1.75974	0.00025	44.1565	250.000
2.0000	7200	44.1565	25.490	37.00	41.250	1512.796	36.946	-5.206	27.843	4.533	7.291	31.496	33.975	5.5316	1.75958	0.00025	44.1567	250.000
2.0003	7201	44.1567	25.490	37.00	41.250	1512.998	36.950	-5.206	27.844	4.533	7.291	31.496	33.975	5.5316	1.75942	0.00025	44.1570	250.000
2.0006	7202	44.1570	25.490	37.00	41.250	1513.200	36.955	-5.206	27.845	4.534	7.291	31.496	33.975	5.5316	1.75926	0.00025	44.1572	250.000
2.0008	7203	44.1572	25.491	37.00	41.250	1513.402	36.960	-5.206	27.846	4.534	7.291	31.496	33.975	5.5316	1.75910	0.00025	44.1575	250.000
2.0011	7204	44.1575	25.491	37.00	41.250	1513.604	36.965	-5.206	27.847	4.534	7.290	31.496	33.975	5.5316	1.75895	0.00025	44.1577	250.000
2.0014	7205	44.1577	25.491	37.00	41.250	1513.806	36.970	-5.206	27.848	4.534	7.290	31.496	33.975	5.5316	1.75879	0.00025	44.1580	250.000
2.0017	7206	44.1580	25.491	37.00	41.250	1514.008	36.975	-5.206	27.849	4.534	7.290	31.496	33.975	5.5316	1.75863	0.00025	44.1582	250.000
2.0019	7207	44.1582	25.492	37.00	41.250	1514.210	36.980	-5.206	27.850	4.534	7.290	31.496	33.975	5.5316	1.75847	0.00025	44.1585	250.000
2.0022	7208	44.1585	25.492	37.00	41.250	1514.412	36.985	-5.206	27.851	4.535	7.290	31.496	33.975	5.5316	1.75831	0.00025	44.1587	250.000
2.0025	7209	44.1587	25.492	37.00	41.250	1514.614	36.990	-5.206	27.852	4.535	7.290	31.496	33.975	5.5316	1.75815	0.00025	44.1590	250.000
2.0028	7210	44.1590	25.492	37.00	41.250	1514.816	36.995	-5.206	27.853	4.535	7.290	31.496	33.975	5.5316	1.75799	0.00025	44.1592	250.000
2.0031	7211	44.1592	25.493	37.00	41.250	1515.018	37.000	-5.206	27.854	4.535	7.289	31.496	33.975	5.5316	1.75783	0.00025	44.1595	250.000
2.0033	7212	44.1595	25.493	37.00	41.250	1515.220	37.005	-5.206	27.855	4.535	7.289	31.496	33.975	5.5316	1.75767	0.00025	44.1597	250.000
2.0036	7213	44.1597	25.493	37.00	41.250	1515.422	37.010	-5.206	27.856	4.535	7.289	31.496	33.975	5.5316	1.75751	0.00025	44.1600	250.000
2.0039	7214	44.1600	25.493	37.00	41.250	1515.624	37.015	-5.206	27.857	4.536	7.289	31.496	33.975	5.5316	1.75735	0.00025	44.1602	250.000
2.0042	7215	44.1602	25.494	37.00	41.250	1515.826	37.020	-5.206	27.858	4.536	7.289	31.496	33.975	5.5316	1.75719	0.00025	44.1605	250.000
2.0044	7216	44.1605	25.494	37.00	41.250	1516.028	37.024	-5.206	27.859	4.536	7.289	31.496	33.975	5.5316	1.75704	0.00025	44.1607	250.000
2.0047	7217	44.1607	25.494	37.00	41.250	1516.230	37.029	-5.206	27.860	4.536	7.288	31.496	33.975	5.5316	1.75688	0.00025	44.1610	250.000
2.0050	7218	44.1610	25.494	37.00	41.250	1516.433	37.034	-5.206	27.861	4.536	7.288	31.496	33.975	5.5316	1.75672	0.00025	44.1612	250.000
2.0053	7219	44.1612	25.495	37.00	41.250	1516.635	37.039	-5.206	27.862	4.536	7.288	31.496	33.975	5.5316	1.75656	0.00025	44.1615	250.000
2.0056	7220	44.1615	25.495	37.00	41.250	1516.837	37.044	-5.206	27.863	4.536	7.288	31.496	33.975	5.5316	1.75640	0.00025	44.1617	250.000
2.0058	7221	44.1617	25.495	37.00	41.250	1517.039	37.049	-5.206	27.864	4.537	7.288	31.496	33.975	5.5316	1.75624	0.00025	44.1620	250.000
2.0061	7222	44.1620	25.495	37.00	41.250	1517.241	37.054	-5.206	27.865	4.537	7.288	31.496	33.975	5.5316	1.75608	0.00025	44.1623	250.000
2.0064	7223	44.1623	25.496	37.00	41.250	1517.443	37.059	-5.206	27.866	4.537	7.287	31.496	33.975	5.5316	1.75592	0.00025	44.1625	250.000
2.0067	7224	44.1625	25.496	37.00	41.250	1517.645	37.064	-5.206	27.867	4.537	7.287	31.496	33.975	5.5316	1.75576	0.00025	44.1628	250.000
2.0069	7225	44.1628	25.496	37.00	41.250	1517.847	37.069	-5.206	27.868	4.537	7.287	31.496	33.975	5.5316	1.75561	0.00025	44.1630	250.000
2.0072	7226	44.1630	25.496	37.00	41.250	1518.049	37.074	-5.206	27.869	4.537	7.287	31.496	33.975	5.5316	1.75545	0.00025	44.1633	250.000
2.0075	7227	44.1633	25.497	37.00	41.250	1518.251	37.079	-5.206	27.870	4.538	7.287	31.496	33.975	5.5316	1.75529	0.00025	44.1635	250.000
2.0078	7228	44.1635	25.497	37.00	41.250	1518.453	37.084	-5.206	27.871	4.538	7.287	31.496	33.975	5.5316	1.75513	0.00025	44.1638	250.000
2.0081	7229	44.1638	25.497	37.00	41.250	1518.655	37.089	-5.206	27.872	4.538	7.287	31.496	33.975	5.5316	1.75497	0.00025	44.1640	250.000
2.0083	7230	44.1640	25.497	37.00	41.250	1518.857	37.094	-5.206	27.873	4.538	7.286	31.496	33.975	5.5316	1.75481	0.00025	44.1643	250.000
2.0086	7231	44.1643	25.498	37.00	41.250	1519.059	37.098	-5.206	27.874	4.538	7.286	31.496	33.975	5.5316	1.75465	0.00025	44.1645	250.000
2.0089	7232	44.1645	25.498	37.00	41.250	1519.261	37.103	-5.206	27.875	4.538	7.286	31.496	33.975	5.5316	1.75449	0.00025	44.1648	250.000
2.0092	7233	44.1648	25.498	37.00	41.250	1519.463	37.108	-5.206	27.876	4.539	7.286	31.496	33.975	5.5316	1.75433	0.00025	44.1650	250.000
2.0094	7234	44.1650	25.498	37.00	41.250	1519.665	37.113	-5.206	27.877	4.539	7.286	31.496	33.975	5.5316	1.75418	0.00025	44.1653	250.000
2.0097	7235	44.1653	25.499	37.00	41.250	1519.867	37.118	-5.206	27.878	4.539	7.286	31.496	33.975	5.5316	1.75402	0.00025	44.1655	250.000
2.0100	7236	44.1655	25.499	37.00	41.250	1520.069	37.123	-5.206	27.879	4.539	7.285	31.496	33.975	5.5316	1.75386	0.00025	44.1658	250.000
2.0103	7237	44.1658	25.499	37.00	41.250	1520.271	37.128	-5.206	27.880	4.539	7.285	31.496	33.975	5.5316	1.75370	0.00025	44.1660	250.000
2.0106	7238	44.1660	25.499	37.00	41.250	1520.473	37.133	-5.206	27.881	4.539	7.285	31.496	33.975	5.5316	1.75354	0.00025	44.1663	250.000
2.0108	7239	44.1663	25.500	37.00	41.250	1520.675	37.138	-5.206	27.882	4.539	7.285	31.496	33.975	5.5316	1.75338	0.00025	44.1665	250.000
2.0111	7240	44.1665	25.500	37.00	41.250	1520.877	37.143	-5.206	27.883	4.540	7.285	31.496	33.975	5.5316	1.75322	0.00025	44.1668	250.000
2.0114	7241	44.1668	25.500	37.00	41.250	1521.079	37.148	-5.206	27.884	4.540	7.285	31.496	33.975	5.5316	1.75307	0.00025	44.1670	250.000
2.0117	7242	44.1670	25.500	37.00	41.250	1521.281	37.153	-5.206	27.884	4.540	7.284	31.496	33.975	5.5316	1.75291	0.00025	44.1673	250.000
2.0119	7243	44.1673	25.501	37.00	41.250	1521.483	37.158	-5.206	27.885	4.540	7.284	31.496	33.975	5.5316	1.75275	0.00025	44.1675	250.000
2.0122	7244	44.1675	25.501	37.00	41.250	1521.685	37.163	-5.206	27.886	4.540	7.284	31.496	33.975	5.5316	1.75259	0.00025	44.1678	250.000
2.0125	7245	44.1678	25.501	37.00	41.250	1521.887	37.168	-5.206	27.887	4.540	7.284	31.496	33.975	5.5316	1.75243	0.00025	44.1680	250.000
2.0128	7246	44.1680	25.501	37.00	41.250	1522.089	37.172	-5.206	27.888	4.541	7.284	31.496	33.975	5.5316	1.75227	0.00025	44.1683	250.000
2.0131	7247	44.1683	25.502	37.00	41.250	1522.291	37.177	-5.206	27.889	4.541	7.284	31.496	33.975	5.5316	1.75211	0.00025	44.1685	250.000
2.0133	7248	44.1685	25.502	37.00	41.250	1522.493	37.182	-5.206	27.890	4.541	7.284	31.496	33.975	5.5316	1.75196	0.00025	44.1688	250.000
2.0136	7249	44.1688	25.502	37.00	41.250	1522.695	37.187	-5.206	27.891	4.541	7.283	31.496	33.975	5.5316	1.75180	0.00025	44.1690	250.000
2.0139	7250	44.1690	25.502	37.00	41.250	1522.897	37.192	-5.206	27.892	4.541	7.283	31.496	33.975	5.5316	1.75164	0.00025	44.1693	250.000
2.0142	7251	44.1693	25.503	37.00	41.250	1523.100	37.197	-5.206	27.893	4.541	7.283	31.496	33.975	5.5316	1.75148	0.00025	44.1695	250.000
2.0144	7252	44.1695	25.503	37.00	41.250	1523.302	37.202	-5.206	27.894	4.542	7.283	31.496	33.975	5.5316	1.75132	0.00025	44.1698	250.000
2.0147	7253	44.1698	25.503	37.00	41.250	1523.504	37.207	-5.206	27.895	4.542	7.283	31.496	33.975	5.5316	1.75116	0.00025	44.1700	250.000
2.0150	7254	44.1700	25.503	37.00	41.250	1523.706	37.212	-5.206	27.896	4.542	7.283	31.496	33.975	5.5316	1.75100	0.00025	44.1703	250.000
2.0153	7255	44.1703	25.504	37.00	41.250	1523.908	37.217	-5.206	27.897	4.542	7.282	31.496	33.975	5.5316	1.75085	0.00025	44.1705	250.000

2.0156	7256	44.1705	25.504	37.00	41.250	1524.110	37.222	-5.206	27.898	4.542	7.282	31.496	33.975	5.5316	1.75069	0.00025	44.1708	250.000
2.0158	7257	44.1708	25.504	37.00	41.250	1524.312	37.227	-5.206	27.899	4.542	7.282	31.496	33.975	5.5316	1.75053	0.00025	44.1710	250.000
2.0161	7258	44.1710	25.504	37.00	41.250	1524.514	37.232	-5.206	27.900	4.543	7.282	31.496	33.975	5.5316	1.75037	0.00025	44.1713	250.000
2.0164	7259	44.1713	25.505	37.00	41.250	1524.716	37.237	-5.206	27.901	4.543	7.282	31.496	33.975	5.5316	1.75021	0.00025	44.1715	250.000
2.0167	7260	44.1715	25.505	37.00	41.250	1524.918	37.242	-5.206	27.902	4.543	7.282	31.496	33.975	5.5316	1.75005	0.00025	44.1718	250.000
2.0169	7261	44.1718	25.505	37.00	41.250	1525.120	37.246	-5.206	27.903	4.543	7.281	31.496	33.975	5.5316	1.74990	0.00025	44.1720	250.000
2.0172	7262	44.1720	25.505	37.00	41.250	1525.322	37.251	-5.206	27.904	4.543	7.281	31.496	33.975	5.5316	1.74974	0.00025	44.1723	250.000
2.0175	7263	44.1723	25.506	37.00	41.250	1525.524	37.256	-5.206	27.905	4.543	7.281	31.496	33.975	5.5316	1.74958	0.00025	44.1725	250.000
2.0178	7264	44.1725	25.506	37.00	41.250	1525.726	37.261	-5.206	27.906	4.543	7.281	31.496	33.975	5.5316	1.74942	0.00025	44.1728	250.000
2.0181	7265	44.1728	25.506	37.00	41.250	1525.928	37.266	-5.206	27.907	4.544	7.281	31.496	33.975	5.5316	1.74926	0.00025	44.1730	250.000
2.0183	7266	44.1730	25.506	37.00	41.250	1526.130	37.271	-5.206	27.908	4.544	7.281	31.496	33.975	5.5316	1.74910	0.00025	44.1733	250.000
2.0186	7267	44.1733	25.507	37.00	41.250	1526.332	37.276	-5.206	27.909	4.544	7.280	31.496	33.975	5.5316	1.74895	0.00025	44.1735	250.000
2.0189	7268	44.1735	25.507	37.00	41.250	1526.534	37.281	-5.206	27.910	4.544	7.280	31.496	33.975	5.5316	1.74879	0.00025	44.1738	250.000
2.0192	7269	44.1738	25.507	37.00	41.250	1526.736	37.286	-5.206	27.911	4.544	7.280	31.496	33.975	5.5316	1.74863	0.00025	44.1740	250.000
2.0194	7270	44.1740	25.507	37.00	41.250	1526.938	37.291	-5.206	27.912	4.544	7.280	31.496	33.975	5.5316	1.74847	0.00025	44.1743	250.000
2.0197	7271	44.1743	25.508	37.00	41.250	1527.140	37.296	-5.206	27.913	4.545	7.280	31.496	33.975	5.5316	1.74831	0.00025	44.1745	250.000
2.0200	7272	44.1745	25.508	37.00	41.250	1527.342	37.301	-5.206	27.914	4.545	7.280	31.496	33.975	5.5316	1.74815	0.00025	44.1748	250.000
2.0203	7273	44.1748	25.508	37.00	41.250	1527.544	37.306	-5.206	27.915	4.545	7.280	31.496	33.975	5.5316	1.74800	0.00025	44.1750	250.000
2.0206	7274	44.1750	25.508	37.00	41.250	1527.746	37.311	-5.206	27.916	4.545	7.279	31.496	33.975	5.5316	1.74784	0.00025	44.1753	250.000
2.0208	7275	44.1753	25.509	37.00	41.250	1527.948	37.316	-5.206	27.917	4.545	7.279	31.496	33.975	5.5316	1.74768	0.00025	44.1755	250.000
2.0211	7276	44.1755	25.509	37.00	41.250	1528.150	37.320	-5.206	27.918	4.545	7.279	31.496	33.975	5.5316	1.74752	0.00025	44.1758	250.000
2.0214	7277	44.1758	25.509	37.00	41.250	1528.352	37.325	-5.206	27.919	4.546	7.279	31.496	33.975	5.5316	1.74736	0.00025	44.1760	250.000
2.0217	7278	44.1760	25.509	37.00	41.250	1528.554	37.330	-5.206	27.920	4.546	7.279	31.496	33.975	5.5316	1.74721	0.00025	44.1763	250.000
2.0219	7279	44.1763	25.510	37.00	41.250	1528.756	37.335	-5.206	27.920	4.546	7.279	31.496	33.975	5.5316	1.74705	0.00025	44.1765	250.000
2.0222	7280	44.1765	25.510	37.00	41.250	1528.958	37.340	-5.206	27.921	4.546	7.278	31.496	33.975	5.5316	1.74689	0.00025	44.1768	250.000
2.0225	7281	44.1768	25.510	37.00	41.250	1529.160	37.345	-5.206	27.922	4.546	7.278	31.496	33.975	5.5316	1.74673	0.00025	44.1770	250.000
2.0228	7282	44.1770	25.510	37.00	41.250	1529.362	37.350	-5.206	27.923	4.546	7.278	31.496	33.975	5.5316	1.74657	0.00025	44.1773	250.000
2.0231	7283	44.1773	25.511	37.00	41.250	1529.564	37.355	-5.206	27.924	4.546	7.278	31.496	33.975	5.5316	1.74641	0.00025	44.1775	250.000
2.0233	7284	44.1775	25.511	37.00	41.250	1529.766	37.360	-5.206	27.925	4.547	7.278	31.496	33.975	5.5316	1.74626	0.00025	44.1778	250.000
2.0236	7285	44.1778	25.511	37.00	41.250	1529.969	37.365	-5.206	27.926	4.547	7.278	31.496	33.975	5.5316	1.74610	0.00025	44.1780	250.000
2.0239	7286	44.1780	25.511	37.00	41.250	1530.171	37.370	-5.206	27.927	4.547	7.277	31.496	33.975	5.5316	1.74594	0.00025	44.1783	250.000
2.0242	7287	44.1783	25.512	37.00	41.250	1530.373	37.375	-5.206	27.928	4.547	7.277	31.496	33.975	5.5316	1.74578	0.00025	44.1785	250.000
2.0244	7288	44.1785	25.512	37.00	41.250	1530.575	37.380	-5.206	27.929	4.547	7.277	31.496	33.975	5.5316	1.74562	0.00025	44.1788	250.000
2.0247	7289	44.1788	25.512	37.00	41.250	1530.777	37.385	-5.206	27.930	4.547	7.277	31.496	33.975	5.5316	1.74547	0.00025	44.1790	250.000
2.0250	7290	44.1790	25.512	37.00	41.250	1530.979	37.390	-5.206	27.931	4.548	7.277	31.496	33.975	5.5316	1.74531	0.00025	44.1793	250.000
2.0253	7291	44.1793	25.513	37.00	41.250	1531.181	37.395	-5.206	27.932	4.548	7.277	31.496	33.975	5.5316	1.74515	0.00025	44.1795	250.000
2.0256	7292	44.1795	25.513	37.00	41.250	1531.383	37.399	-5.206	27.933	4.548	7.277	31.496	33.975	5.5316	1.74499	0.00025	44.1798	250.000
2.0258	7293	44.1798	25.513	37.00	41.250	1531.585	37.404	-5.206	27.934	4.548	7.276	31.496	33.975	5.5316	1.74483	0.00025	44.1800	250.000
2.0261	7294	44.1800	25.513	37.00	41.250	1531.787	37.409	-5.206	27.935	4.548	7.276	31.496	33.975	5.5316	1.74468	0.00025	44.1803	250.000
2.0264	7295	44.1803	25.514	37.00	41.250	1531.989	37.414	-5.206	27.936	4.548	7.276	31.496	33.975	5.5316	1.74452	0.00025	44.1805	250.000
2.0267	7296	44.1805	25.514	37.00	41.250	1532.191	37.419	-5.206	27.937	4.549	7.276	31.496	33.975	5.5316	1.74436	0.00025	44.1808	250.000
2.0269	7297	44.1808	25.514	37.00	41.250	1532.393	37.424	-5.206	27.938	4.549	7.276	31.496	33.975	5.5316	1.74420	0.00025	44.1810	250.000
2.0272	7298	44.1810	25.514	37.00	41.250	1532.595	37.429	-5.206	27.939	4.549	7.276	31.496	33.975	5.5316	1.74405	0.00025	44.1813	250.000
2.0275	7299	44.1813	25.515	37.00	41.250	1532.797	37.434	-5.206	27.940	4.549	7.275	31.496	33.975	5.5316	1.74389	0.00025	44.1815	250.000
2.0278	7300	44.1815	25.515	37.00	41.250	1532.999	37.439	-5.206	27.941	4.549	7.275	31.496	33.975	5.5316	1.74373	0.00025	44.1817	250.000
2.0281	7301	44.1817	25.515	37.00	41.250	1533.201	37.444	-5.206	27.942	4.549	7.275	31.496	33.975	5.5316	1.74357	0.00025	44.1820	250.000
2.0283	7302	44.1820	25.515	37.00	41.250	1533.403	37.449	-5.206	27.943	4.549	7.275	31.496	33.975	5.5316	1.74341	0.00025	44.1822	250.000
2.0286	7303	44.1822	25.516	37.00	41.250	1533.605	37.454	-5.206	27.944	4.550	7.275	31.496	33.975	5.5316	1.74326	0.00025	44.1825	250.000
2.0289	7304	44.1825	25.516	37.00	41.250	1533.807	37.459	-5.206	27.945	4.550	7.275	31.496	33.975	5.5316	1.74310	0.00025	44.1827	250.000
2.0292	7305	44.1827	25.516	37.00	41.250	1534.009	37.464	-5.206	27.946	4.550	7.274	31.496	33.975	5.5316	1.74294	0.00025	44.1830	250.000
2.0294	7306	44.1830	25.516	37.00	41.250	1534.211	37.469	-5.206	27.947	4.550	7.274	31.496	33.975	5.5316	1.74278	0.00025	44.1832	250.000
2.0297	7307	44.1832	25.517	37.00	41.250	1534.413	37.473	-5.206	27.948	4.550	7.274	31.496	33.975	5.5316	1.74263	0.00025	44.1835	250.000
2.0300	7308	44.1835	25.517	37.00	41.250	1534.615	37.478	-5.206	27.949	4.550	7.274	31.496	33.975	5.5316	1.74247	0.00025	44.1837	250.000
2.0303	7309	44.1837	25.517	37.00	41.250	1534.817	37.483	-5.206	27.950	4.551	7.274	31.496	33.975	5.5316	1.74231	0.00025	44.1840	250.000
2.0306	7310	44.1840	25.517	37.00	41.250	1535.019	37.488	-5.206	27.951	4.551	7.274	31.496	33.975	5.5316	1.74215	0.00025	44.1842	250.000
2.0308	7311	44.1842	25.518	37.00	41.250	1535.221	37.493	-5.206	27.952	4.551	7.274	31.496	33.975	5.5316	1.74199	0.00025	44.1845	250.000
2.0311	7312	44.1845	25.518	37.00	41.250	1535.423	37.498	-5.206	27.952	4.551	7.273	31.496	33.975	5.5316	1.74184	0.00025	44.1847	250.000
2.0314	7313	44.1847	25.518	37.00	41.250	1535.625	37.503	-5.206	27.953	4.551	7.273	31.496	33.975	5.5316	1.74168	0.00025	44.1850	250.000
2.0317	7314	44.1850	25.518	37.00	41.250	1535.827	37.508	-5.206	27.954	4.551	7.273	31.496	33.975	5.5316	1.74152	0.00025	44.1852	250.000
2.0319	7315	44.1852	25.519	37.00	41.250	1536.029	37.513	-5.206	27.955	4.552	7.273	31.496	33.975	5.5316	1.74136	0.00025	44.1855	250.000
2.0322	7316	44.1855	25.519	37.00	41.250	1536.231	37.518	-5.206	27.956	4.552	7.273	31.496	33.975	5.5316	1.74121	0.00025	44.1857	250.000
2.0325	7317	44.1857	25.519	37.00	41.250	1536.433	37.523	-5.206	27.957	4.552	7.273	31.496	33.975	5.5316	1.74105	0.00025	44.1860	250.000
2.0328	7318	44.1860	25.519	37.00	41.250	1536.636	37.528	-5.206	27.958	4.552	7.272	31.496	33.975	5.5316	1.74089	0.00025	44.1862	250.000
2.0331	7319	44.1862	25.520	37.00	41.250	1536.838	37.533	-5.206	27.959	4.552	7.272	31.496	33.975	5.5316	1.74073	0.00025	44.1865	250.000
2.0333	7320	44.1865	25.520	37.00	41.250	1537.040	37.538	-5.206	27.960	4.552	7.272	31.496	33.975	5.5316	1.74058	0.00025	44.1867	250.000
2.0336	7321	44.1867	25.520	37.00	41.250	1537.242	37.543	-5.206	27.961	4.552	7.272	31.496	33.975	5.5316	1.74042	0.00025	44.1870	250.000
2.0339	7322	44.1870	25.520	37.00	41.250	1537.444	37.547	-5.206	27.962	4.553	7.272	31.496	33.975	5.5316	1.74026	0.00025	44.1872	250.000
2.0342	7323	44.1872	25.521	37.00	41.250	1537.646	37.552	-5.206	27.963	4.553	7.272	31.496	33.975	5.5316	1.74010	0.00025	44.1875	250.000
2.0344	7324	44.1875	25.521	37.00	41.250	1537.848	37.557	-5.206	27.964	4.553	7.272	31.496	33.975	5.5316	1.73995	0.00025	44.1877	250.000
2.0347	7325	44.1877	25.521	37.00	41.250	1538.050	37.562	-5.206	27.965	4.553	7.271	31.496	33.975	5.5316	1.73979	0.00025	44.1880	250.000
2.0350	7326	44.1880	25.521	37.00	41.250	1538.252	37.567	-5.206	27.966	4.553	7.271	31.496	33.975	5.5316	1.73963	0.00025	44.1882	250.000
2.0353	7327	44.1882	25.522	37.00	41.250	1538.454	37.572	-5.206	27.967	4.553	7.271	31.496	33.975	5.5316	1.73947	0.00025	44.1885	250.000
2.0356	7328	44.1885	25.522	37.00	41.250	1538.656	37.577	-5.206	27.968	4.554	7.271	31.496	33.975	5.5316	1.73932	0.00025	44.1887	250.000
2.0358	7329	44.1887	25.522	37.00	41.250	1538.858	37.582	-5.206	27.969	4.554	7.271	31.496	33.975	5.5316	1.73916	0.00025	44.1890	250.000
2.0361	7330	44.1890	25.522	37.00	41.250	1539.060	37.587	-5.206	27.970	4.554	7.271	31.496	33.975	5.5316	1.73900	0.00025	44.1892	250.000
2.0364	7331	44.1892	25.523	37.00	41.250	1539.262	37.592	-5.206	27.971	4.554	7.270	31.496	33.975	5.5316	1.73884	0.00025	44.1895	250.000
2.0367	7332	44.1895	25.523	37.00	41.250	1539.464	37.597	-5.206	27.972	4.554	7.270	31.496	33.975	5.5316	1.73869	0.00025	44.1897	250.000
2.0369	7333	44.1897	25.523	37.00	41.250	1539.666	37.602	-5.206	27.973	4.554	7.270	31.496	33.975	5.5316	1.73853	0.00025	44.1900	250.000
2.0372	7334	44.1900	25.523	37.00	41.250	1539.868	37.607	-5.206	27.974	4.555	7.270	31.496	33.975	5.5316	1.73837	0.00025	44.1902	250.000
2.0375	7335	44.1902	25.524	37.00	41.250	1540.070	37.612	-5.206	27.975	4.555	7.270	31.496	33.975	5.5316	1.73822	0.00025	44.1905	250.000
2.0378	7336	44.1905	25.524	37.00	41.250	1540.272	37.617	-5.206	27.976	4.555	7.270	31.496	33.975	5.5316	1.73806	0.00025	44.1907	250.000

2.0381	7337	44.1907	25.524	37.00	41.250	1540.474	37.621	-5.206	27.977	4.555	7.269	31.496	33.975	5.5316	1.73790	0.00025	44.1909	250.000
2.0383	7338	44.1909	25.524	37.00	41.250	1540.676	37.626	-5.206	27.978	4.555	7.269	31.496	33.975	5.5316	1.73774	0.00025	44.1912	250.000
2.0386	7339	44.1912	25.525	37.00	41.250	1540.878	37.631	-5.206	27.979	4.555	7.269	31.496	33.975	5.5316	1.73759	0.00025	44.1914	250.000
2.0389	7340	44.1914	25.525	37.00	41.250	1541.080	37.636	-5.206	27.980	4.555	7.269	31.496	33.975	5.5316	1.73743	0.00025	44.1917	250.000
2.0392	7341	44.1917	25.525	37.00	41.250	1541.282	37.641	-5.206	27.981	4.556	7.269	31.496	33.975	5.5316	1.73727	0.00025	44.1919	250.000
2.0394	7342	44.1919	25.525	37.00	41.250	1541.484	37.646	-5.206	27.981	4.556	7.269	31.496	33.975	5.5316	1.73711	0.00025	44.1922	250.000
2.0397	7343	44.1922	25.526	37.00	41.250	1541.686	37.651	-5.206	27.982	4.556	7.269	31.496	33.975	5.5316	1.73696	0.00025	44.1924	250.000
2.0400	7344	44.1924	25.526	37.00	41.250	1541.888	37.656	-5.206	27.983	4.556	7.268	31.496	33.975	5.5316	1.73680	0.00025	44.1927	250.000
2.0403	7345	44.1927	25.526	37.00	41.250	1542.090	37.661	-5.206	27.984	4.556	7.268	31.496	33.975	5.5316	1.73664	0.00025	44.1929	250.000
2.0406	7346	44.1929	25.526	37.00	41.250	1542.292	37.666	-5.206	27.985	4.556	7.268	31.496	33.975	5.5316	1.73649	0.00025	44.1932	250.000
2.0408	7347	44.1932	25.527	37.00	41.250	1542.494	37.671	-5.206	27.986	4.557	7.268	31.496	33.975	5.5316	1.73633	0.00025	44.1934	250.000
2.0411	7348	44.1934	25.527	37.00	41.250	1542.696	37.676	-5.206	27.987	4.557	7.268	31.496	33.975	5.5316	1.73617	0.00025	44.1937	250.000
2.0414	7349	44.1937	25.527	37.00	41.250	1542.898	37.681	-5.206	27.988	4.557	7.268	31.496	33.975	5.5316	1.73601	0.00025	44.1939	250.000
2.0417	7350	44.1939	25.527	37.00	41.250	1543.100	37.686	-5.206	27.989	4.557	7.267	31.496	33.975	5.5316	1.73586	0.00025	44.1942	250.000
2.0419	7351	44.1942	25.528	37.00	41.250	1543.302	37.691	-5.206	27.990	4.557	7.267	31.496	33.975	5.5316	1.73570	0.00025	44.1944	250.000
2.0422	7352	44.1944	25.528	37.00	41.250	1543.505	37.695	-5.206	27.991	4.557	7.267	31.496	33.975	5.5316	1.73554	0.00025	44.1947	250.000
2.0425	7353	44.1947	25.528	37.00	41.250	1543.707	37.700	-5.206	27.992	4.557	7.267	31.496	33.975	5.5316	1.73539	0.00025	44.1949	250.000
2.0428	7354	44.1949	25.528	37.00	41.250	1543.909	37.705	-5.206	27.993	4.558	7.267	31.496	33.975	5.5316	1.73523	0.00025	44.1952	250.000
2.0431	7355	44.1952	25.529	37.00	41.250	1544.111	37.710	-5.206	27.994	4.558	7.267	31.496	33.975	5.5316	1.73507	0.00025	44.1954	250.000
2.0433	7356	44.1954	25.529	37.00	41.250	1544.313	37.715	-5.206	27.995	4.558	7.266	31.496	33.975	5.5316	1.73492	0.00025	44.1957	250.000
2.0436	7357	44.1957	25.529	37.00	41.250	1544.515	37.720	-5.206	27.996	4.558	7.266	31.496	33.975	5.5316	1.73476	0.00025	44.1959	250.000
2.0439	7358	44.1959	25.529	37.00	41.250	1544.717	37.725	-5.206	27.997	4.558	7.266	31.496	33.975	5.5316	1.73460	0.00025	44.1962	250.000
2.0442	7359	44.1962	25.530	37.00	41.250	1544.919	37.730	-5.206	27.998	4.558	7.266	31.496	33.975	5.5316	1.73444	0.00025	44.1964	250.000
2.0444	7360	44.1964	25.530	37.00	41.250	1545.121	37.735	-5.206	27.999	4.559	7.266	31.496	33.975	5.5316	1.73429	0.00025	44.1967	250.000
2.0447	7361	44.1967	25.530	37.00	41.250	1545.323	37.740	-5.206	28.000	4.559	7.266	31.496	33.975	5.5316	1.73413	0.00025	44.1969	250.000
2.0450	7362	44.1969	25.530	37.00	41.250	1545.525	37.745	-5.206	28.001	4.559	7.266	31.496	33.975	5.5316	1.73397	0.00025	44.1971	250.000
2.0453	7363	44.1971	25.531	37.00	41.250	1545.727	37.750	-5.206	28.002	4.559	7.265	31.496	33.975	5.5316	1.73382	0.00025	44.1974	250.000
2.0456	7364	44.1974	25.531	37.00	41.250	1545.929	37.755	-5.206	28.003	4.559	7.265	31.496	33.975	5.5316	1.73366	0.00025	44.1976	250.000
2.0458	7365	44.1976	25.531	37.00	41.250	1546.131	37.760	-5.206	28.004	4.559	7.265	31.496	33.975	5.5316	1.73350	0.00025	44.1979	250.000
2.0461	7366	44.1979	25.531	37.00	41.250	1546.333	37.765	-5.206	28.005	4.560	7.265	31.496	33.975	5.5316	1.73335	0.00025	44.1981	250.000
2.0464	7367	44.1981	25.532	37.00	41.250	1546.535	37.769	-5.206	28.006	4.560	7.265	31.496	33.975	5.5316	1.73319	0.00025	44.1984	250.000
2.0467	7368	44.1984	25.532	37.00	41.250	1546.737	37.774	-5.206	28.007	4.560	7.265	31.496	33.975	5.5316	1.73303	0.00025	44.1986	250.000
2.0469	7369	44.1986	25.532	37.00	41.250	1546.939	37.779	-5.206	28.008	4.560	7.264	31.496	33.975	5.5316	1.73288	0.00025	44.1989	250.000
2.0472	7370	44.1989	25.532	37.00	41.250	1547.141	37.784	-5.206	28.008	4.560	7.264	31.496	33.975	5.5316	1.73272	0.00025	44.1991	250.000
2.0475	7371	44.1991	25.533	37.00	41.250	1547.343	37.789	-5.206	28.009	4.560	7.264	31.496	33.975	5.5316	1.73256	0.00025	44.1994	250.000
2.0478	7372	44.1994	25.533	37.00	41.250	1547.545	37.794	-5.206	28.010	4.560	7.264	31.496	33.975	5.5316	1.73241	0.00025	44.1996	250.000
2.0481	7373	44.1996	25.533	37.00	41.250	1547.747	37.799	-5.206	28.011	4.561	7.264	31.496	33.975	5.5316	1.73225	0.00025	44.1999	250.000
2.0483	7374	44.1999	25.533	37.00	41.250	1547.949	37.804	-5.206	28.012	4.561	7.264	31.496	33.975	5.5316	1.73209	0.00025	44.2001	250.000
2.0486	7375	44.2001	25.534	37.00	41.250	1548.151	37.809	-5.206	28.013	4.561	7.263	31.496	33.975	5.5316	1.73193	0.00025	44.2004	250.000
2.0489	7376	44.2004	25.534	37.00	41.250	1548.353	37.814	-5.206	28.014	4.561	7.263	31.496	33.975	5.5316	1.73178	0.00025	44.2006	250.000
2.0492	7377	44.2006	25.534	37.00	41.250	1548.555	37.819	-5.206	28.015	4.561	7.263	31.496	33.975	5.5316	1.73162	0.00025	44.2009	250.000
2.0494	7378	44.2009	25.534	37.00	41.250	1548.757	37.824	-5.206	28.016	4.561	7.263	31.496	33.975	5.5316	1.73146	0.00025	44.2011	250.000
2.0497	7379	44.2011	25.534	37.00	41.250	1548.959	37.829	-5.206	28.017	4.562	7.263	31.496	33.975	5.5316	1.73131	0.00025	44.2014	250.000
2.0500	7380	44.2014	25.535	37.00	41.250	1549.161	37.834	-5.206	28.018	4.562	7.263	31.496	33.975	5.5316	1.73115	0.00025	44.2016	250.000
2.0503	7381	44.2016	25.535	37.00	41.250	1549.363	37.839	-5.206	28.019	4.562	7.263	31.496	33.975	5.5316	1.73099	0.00025	44.2019	250.000
2.0506	7382	44.2019	25.535	37.00	41.250	1549.565	37.843	-5.206	28.020	4.562	7.262	31.496	33.975	5.5316	1.73084	0.00025	44.2021	250.000
2.0508	7383	44.2021	25.535	37.00	41.250	1549.767	37.848	-5.206	28.021	4.562	7.262	31.496	33.975	5.5316	1.73068	0.00025	44.2023	250.000
2.0511	7384	44.2023	25.536	37.00	41.250	1549.969	37.853	-5.206	28.022	4.562	7.262	31.496	33.975	5.5316	1.73052	0.00025	44.2026	250.000
2.0514	7385	44.2026	25.536	37.00	41.250	1550.172	37.858	-5.206	28.023	4.563	7.262	31.496	33.975	5.5316	1.73037	0.00025	44.2028	250.000
2.0517	7386	44.2028	25.536	37.00	41.250	1550.374	37.863	-5.206	28.024	4.563	7.262	31.496	33.975	5.5316	1.73021	0.00025	44.2031	250.000
2.0519	7387	44.2031	25.536	37.00	41.250	1550.576	37.868	-5.206	28.025	4.563	7.262	31.496	33.975	5.5316	1.73005	0.00025	44.2033	250.000
2.0522	7388	44.2033	25.537	37.00	41.250	1550.778	37.873	-5.206	28.026	4.563	7.261	31.496	33.975	5.5316	1.72990	0.00025	44.2036	250.000
2.0525	7389	44.2036	25.537	37.00	41.250	1550.980	37.878	-5.206	28.027	4.563	7.261	31.496	33.975	5.5316	1.72974	0.00025	44.2038	250.000
2.0528	7390	44.2038	25.537	37.00	41.250	1551.182	37.883	-5.206	28.028	4.563	7.261	31.496	33.975	5.5316	1.72959	0.00025	44.2041	250.000
2.0531	7391	44.2041	25.537	37.00	41.250	1551.384	37.888	-5.206	28.029	4.563	7.261	31.496	33.975	5.5316	1.72943	0.00025	44.2043	250.000
2.0533	7392	44.2043	25.538	37.00	41.250	1551.586	37.893	-5.206	28.030	4.564	7.261	31.496	33.975	5.5316	1.72927	0.00025	44.2046	250.000
2.0536	7393	44.2046	25.538	37.00	41.250	1551.788	37.898	-5.206	28.031	4.564	7.261	31.496	33.975	5.5316	1.72912	0.00025	44.2048	250.000
2.0539	7394	44.2048	25.538	37.00	41.250	1551.990	37.903	-5.206	28.032	4.564	7.261	31.496	33.975	5.5316	1.72896	0.00025	44.2051	250.000
2.0542	7395	44.2051	25.538	37.00	41.250	1552.192	37.908	-5.206	28.033	4.564	7.260	31.496	33.975	5.5316	1.72880	0.00025	44.2053	250.000
2.0544	7396	44.2053	25.539	37.00	41.250	1552.394	37.913	-5.206	28.033	4.564	7.260	31.496	33.975	5.5316	1.72865	0.00025	44.2056	250.000
2.0547	7397	44.2056	25.539	37.00	41.250	1552.596	37.918	-5.206	28.034	4.564	7.260	31.496	33.975	5.5316	1.72849	0.00025	44.2058	250.000
2.0550	7398	44.2058	25.539	37.00	41.250	1552.798	37.922	-5.206	28.035	4.565	7.260	31.496	33.975	5.5316	1.72833	0.00025	44.2061	250.000
2.0553	7399	44.2061	25.539	37.00	41.250	1553.000	37.927	-5.206	28.036	4.565	7.260	31.496	33.975	5.5316	1.72818	0.00025	44.2063	250.000
2.0556	7400	44.2063	25.540	37.00	41.250	1553.202	37.932	-5.206	28.037	4.565	7.260	31.496	33.975	5.5316	1.72802	0.00025	44.2065	250.000
2.0558	7401	44.2065	25.540	37.00	41.250	1553.404	37.937	-5.206	28.038	4.565	7.259	31.496	33.975	5.5316	1.72786	0.00025	44.2068	250.000
2.0561	7402	44.2068	25.540	37.00	41.250	1553.606	37.942	-5.206	28.039	4.565	7.259	31.496	33.975	5.5316	1.72771	0.00025	44.2070	250.000
2.0564	7403	44.2070	25.540	37.00	41.250	1553.808	37.947	-5.206	28.040	4.565	7.259	31.496	33.975	5.5316	1.72755	0.00025	44.2073	250.000
2.0567	7404	44.2073	25.541	37.00	41.250	1554.010	37.952	-5.206	28.041	4.565	7.259	31.496	33.975	5.5316	1.72740	0.00025	44.2075	250.000
2.0569	7405	44.2075	25.541	37.00	41.250	1554.212	37.957	-5.206	28.042	4.566	7.259	31.496	33.975	5.5316	1.72724	0.00025	44.2078	250.000
2.0572	7406	44.2078	25.541	37.00	41.250	1554.414	37.962	-5.206	28.043	4.566	7.259	31.496	33.975	5.5316	1.72708	0.00025	44.2080	250.000
2.0575	7407	44.2080	25.541	37.00	41.250	1554.616	37.967	-5.206	28.044	4.566	7.258	31.496	33.975	5.5316	1.72693	0.00025	44.2083	250.000
2.0578	7408	44.2083	25.542	37.00	41.250	1554.818	37.972	-5.206	28.045	4.566	7.258	31.496	33.975	5.5316	1.72677	0.00025	44.2085	250.000
2.0581	7409	44.2085	25.542	37.00	41.250	1555.020	37.977	-5.206	28.046	4.566	7.258	31.496	33.975	5.5316	1.72661	0.00025	44.2088	250.000
2.0583	7410	44.2088	25.542	37.00	41.250	1555.222	37.982	-5.206	28.047	4.566	7.258	31.496	33.975	5.5316	1.72646	0.00025	44.2090	250.000
2.0586	7411	44.2090	25.542	37.00	41.250	1555.424	37.987	-5.206	28.048	4.567	7.258	31.496	33.975	5.5316	1.72630	0.00025	44.2093	250.000
2.0589	7412	44.2093	25.543	37.00	41.250	1555.626	37.992	-5.206	28.049	4.567	7.258	31.496	33.975	5.5316	1.72615	0.00025	44.2095	250.000
2.0592	7413	44.2095	25.543	37.00	41.250	1555.828	37.996	-5.206	28.050	4.567	7.258	31.496	33.975	5.5316	1.72599	0.00025	44.2098	250.000
2.0594	7414	44.2098	25.543	37.00	41.250	1556.030	38.001	-5.206	28.051	4.567	7.257	31.496	33.975	5.5316	1.72583	0.00025	44.2100	250.000
2.0597	7415	44.2100	25.543	37.00	41.250	1556.232	38.006	-5.206	28.052	4.567	7.257	31.496	33.975	5.5316	1.72568	0.00025	44.2102	250.000
2.0600	7416	44.2102	25.544	37.00	41.250	1556.434	38.011	-5.206	28.053	4.567	7.257	31.496	33.975	5.5316	1.72552	0.00025	44.2105	250.000
2.0603	7417	44.2105	25.544	37.00	41.250	1556.636	38.016	-5.206	28.054	4.568	7.257	31.496	33.975	5.5316	1.72536	0.00025	44.2107	250.000

2.0606	7418	44.2107	25.544	37.00	41.250	1556.839	38.021	-5.206	28.055	4.568	7.257	31.496	33.975	5.5316	1.72521	0.00025	44.2110	250.000
2.0608	7419	44.2110	25.544	37.00	41.250	1557.041	38.026	-5.206	28.056	4.568	7.257	31.496	33.975	5.5316	1.72505	0.00025	44.2112	250.000
2.0611	7420	44.2112	25.545	37.00	41.250	1557.243	38.031	-5.206	28.057	4.568	7.256	31.496	33.975	5.5316	1.72490	0.00025	44.2115	250.000
2.0614	7421	44.2115	25.545	37.00	41.250	1557.445	38.036	-5.206	28.057	4.568	7.256	31.496	33.975	5.5316	1.72474	0.00025	44.2117	250.000
2.0617	7422	44.2117	25.545	37.00	41.250	1557.647	38.041	-5.206	28.058	4.568	7.256	31.496	33.975	5.5316	1.72458	0.00025	44.2120	250.000
2.0619	7423	44.2120	25.545	37.00	41.250	1557.849	38.046	-5.206	28.059	4.568	7.256	31.496	33.975	5.5316	1.72443	0.00025	44.2122	250.000
2.0622	7424	44.2122	25.546	37.00	41.250	1558.051	38.051	-5.206	28.060	4.569	7.256	31.496	33.975	5.5316	1.72427	0.00025	44.2125	250.000
2.0625	7425	44.2125	25.546	37.00	41.250	1558.253	38.056	-5.206	28.061	4.569	7.256	31.496	33.975	5.5316	1.72412	0.00025	44.2127	250.000
2.0628	7426	44.2127	25.546	37.00	41.250	1558.455	38.061	-5.206	28.062	4.569	7.256	31.496	33.975	5.5316	1.72396	0.00025	44.2130	250.000
2.0631	7427	44.2130	25.546	37.00	41.250	1558.657	38.066	-5.206	28.063	4.569	7.255	31.496	33.975	5.5316	1.72380	0.00025	44.2132	250.000
2.0633	7428	44.2132	25.547	37.00	41.250	1558.859	38.070	-5.206	28.064	4.569	7.255	31.496	33.975	5.5316	1.72365	0.00025	44.2134	250.000
2.0636	7429	44.2134	25.547	37.00	41.250	1559.061	38.075	-5.206	28.065	4.569	7.255	31.496	33.975	5.5316	1.72349	0.00025	44.2137	250.000
2.0639	7430	44.2137	25.547	37.00	41.250	1559.263	38.080	-5.206	28.066	4.570	7.255	31.496	33.975	5.5316	1.72334	0.00025	44.2139	250.000
2.0642	7431	44.2139	25.547	37.00	41.250	1559.465	38.085	-5.206	28.067	4.570	7.255	31.496	33.975	5.5316	1.72318	0.00025	44.2142	250.000
2.0644	7432	44.2142	25.548	37.00	41.250	1559.667	38.090	-5.206	28.068	4.570	7.255	31.496	33.975	5.5316	1.72302	0.00025	44.2144	250.000
2.0647	7433	44.2144	25.548	37.00	41.250	1559.869	38.095	-5.206	28.069	4.570	7.254	31.496	33.975	5.5316	1.72287	0.00025	44.2147	250.000
2.0650	7434	44.2147	25.548	37.00	41.250	1560.071	38.100	-5.206	28.070	4.570	7.254	31.496	33.975	5.5316	1.72271	0.00025	44.2149	250.000
2.0653	7435	44.2149	25.548	37.00	41.250	1560.273	38.105	-5.206	28.071	4.570	7.254	31.496	33.975	5.5316	1.72256	0.00025	44.2152	250.000
2.0656	7436	44.2152	25.549	37.00	41.250	1560.475	38.110	-5.206	28.072	4.570	7.254	31.496	33.975	5.5316	1.72240	0.00025	44.2154	250.000
2.0658	7437	44.2154	25.549	37.00	41.250	1560.677	38.115	-5.206	28.073	4.571	7.254	31.496	33.975	5.5316	1.72224	0.00025	44.2157	250.000
2.0661	7438	44.2157	25.549	37.00	41.250	1560.879	38.120	-5.206	28.074	4.571	7.254	31.496	33.975	5.5316	1.72209	0.00025	44.2159	250.000
2.0664	7439	44.2159	25.549	37.00	41.250	1561.081	38.125	-5.206	28.075	4.571	7.253	31.496	33.975	5.5316	1.72193	0.00025	44.2162	250.000
2.0667	7440	44.2162	25.550	37.00	41.250	1561.283	38.130	-5.206	28.076	4.571	7.253	31.496	33.975	5.5316	1.72178	0.00025	44.2164	250.000
2.0669	7441	44.2164	25.550	37.00	41.250	1561.485	38.135	-5.206	28.077	4.571	7.253	31.496	33.975	5.5316	1.72162	0.00025	44.2166	250.000
2.0672	7442	44.2166	25.550	37.00	41.250	1561.687	38.140	-5.206	28.078	4.571	7.253	31.496	33.975	5.5316	1.72147	0.00025	44.2169	250.000
2.0675	7443	44.2169	25.550	37.00	41.250	1561.889	38.144	-5.206	28.079	4.572	7.253	31.496	33.975	5.5316	1.72131	0.00025	44.2171	250.000
2.0678	7444	44.2171	25.551	37.00	41.250	1562.091	38.149	-5.206	28.080	4.572	7.253	31.496	33.975	5.5316	1.72115	0.00025	44.2174	250.000
2.0681	7445	44.2174	25.551	37.00	41.250	1562.293	38.154	-5.206	28.080	4.572	7.253	31.496	33.975	5.5316	1.72100	0.00025	44.2176	250.000
2.0683	7446	44.2176	25.551	37.00	41.250	1562.495	38.159	-5.206	28.081	4.572	7.252	31.496	33.975	5.5316	1.72084	0.00025	44.2179	250.000
2.0686	7447	44.2179	25.551	37.00	41.250	1562.697	38.164	-5.206	28.082	4.572	7.252	31.496	33.975	5.5316	1.72069	0.00025	44.2181	250.000
2.0689	7448	44.2181	25.552	37.00	41.250	1562.899	38.169	-5.206	28.083	4.572	7.252	31.496	33.975	5.5316	1.72053	0.00025	44.2184	250.000
2.0692	7449	44.2184	25.552	37.00	41.250	1563.101	38.174	-5.206	28.084	4.573	7.252	31.496	33.975	5.5316	1.72038	0.00025	44.2186	250.000
2.0694	7450	44.2186	25.552	37.00	41.250	1563.303	38.179	-5.206	28.085	4.573	7.252	31.496	33.975	5.5316	1.72022	0.00025	44.2189	250.000
2.0697	7451	44.2189	25.552	37.00	41.250	1563.505	38.184	-5.206	28.086	4.573	7.252	31.496	33.975	5.5316	1.72006	0.00025	44.2191	250.000
2.0700	7452	44.2191	25.552	37.00	41.250	1563.708	38.189	-5.206	28.087	4.573	7.251	31.496	33.975	5.5316	1.71991	0.00025	44.2194	250.000
2.0703	7453	44.2194	25.553	37.00	41.250	1563.910	38.194	-5.206	28.088	4.573	7.251	31.496	33.975	5.5316	1.71975	0.00025	44.2196	250.000
2.0706	7454	44.2196	25.553	37.00	41.250	1564.112	38.199	-5.206	28.089	4.573	7.251	31.496	33.975	5.5316	1.71960	0.00025	44.2198	250.000
2.0708	7455	44.2198	25.553	37.00	41.250	1564.314	38.204	-5.206	28.090	4.573	7.251	31.496	33.975	5.5316	1.71944	0.00025	44.2201	250.000
2.0711	7456	44.2201	25.553	37.00	41.250	1564.516	38.209	-5.206	28.091	4.574	7.251	31.496	33.975	5.5316	1.71929	0.00025	44.2203	250.000
2.0714	7457	44.2203	25.554	37.00	41.250	1564.718	38.214	-5.206	28.092	4.574	7.251	31.496	33.975	5.5316	1.71913	0.00025	44.2206	250.000
2.0717	7458	44.2206	25.554	37.00	41.250	1564.920	38.218	-5.206	28.093	4.574	7.251	31.496	33.975	5.5316	1.71897	0.00025	44.2208	250.000
2.0719	7459	44.2208	25.554	37.00	41.250	1565.122	38.223	-5.206	28.094	4.574	7.250	31.496	33.975	5.5316	1.71882	0.00025	44.2211	250.000
2.0722	7460	44.2211	25.554	37.00	41.250	1565.324	38.228	-5.206	28.095	4.574	7.250	31.496	33.975	5.5316	1.71866	0.00025	44.2213	250.000
2.0725	7461	44.2213	25.555	37.00	41.250	1565.526	38.233	-5.206	28.096	4.574	7.250	31.496	33.975	5.5316	1.71851	0.00025	44.2216	250.000
2.0728	7462	44.2216	25.555	37.00	41.250	1565.728	38.238	-5.206	28.097	4.575	7.250	31.496	33.975	5.5316	1.71835	0.00025	44.2218	250.000
2.0731	7463	44.2218	25.555	37.00	41.250	1565.930	38.243	-5.206	28.098	4.575	7.250	31.496	33.975	5.5316	1.71820	0.00025	44.2221	250.000
2.0733	7464	44.2221	25.555	37.00	41.250	1566.132	38.248	-5.206	28.099	4.575	7.250	31.496	33.975	5.5316	1.71804	0.00025	44.2223	250.000
2.0736	7465	44.2223	25.556	37.00	41.250	1566.334	38.253	-5.206	28.100	4.575	7.249	31.496	33.975	5.5316	1.71789	0.00025	44.2225	250.000
2.0739	7466	44.2225	25.556	37.00	41.250	1566.536	38.258	-5.206	28.101	4.575	7.249	31.496	33.975	5.5316	1.71773	0.00025	44.2228	250.000
2.0742	7467	44.2228	25.556	37.00	41.250	1566.738	38.263	-5.206	28.101	4.575	7.249	31.496	33.975	5.5316	1.71757	0.00025	44.2230	250.000
2.0744	7468	44.2230	25.556	37.00	41.250	1566.940	38.268	-5.206	28.102	4.575	7.249	31.496	33.975	5.5316	1.71742	0.00025	44.2233	250.000
2.0747	7469	44.2233	25.557	37.00	41.250	1567.142	38.273	-5.206	28.103	4.576	7.249	31.496	33.975	5.5316	1.71726	0.00025	44.2235	250.000
2.0750	7470	44.2235	25.557	37.00	41.250	1567.344	38.278	-5.206	28.104	4.576	7.249	31.496	33.975	5.5316	1.71711	0.00025	44.2238	250.000
2.0753	7471	44.2238	25.557	37.00	41.250	1567.546	38.283	-5.206	28.105	4.576	7.249	31.496	33.975	5.5316	1.71695	0.00025	44.2240	250.000
2.0756	7472	44.2240	25.557	37.00	41.250	1567.748	38.288	-5.206	28.106	4.576	7.248	31.496	33.975	5.5316	1.71680	0.00025	44.2243	250.000
2.0758	7473	44.2243	25.558	37.00	41.250	1567.950	38.292	-5.206	28.107	4.576	7.248	31.496	33.975	5.5316	1.71664	0.00025	44.2245	250.000
2.0761	7474	44.2245	25.558	37.00	41.250	1568.152	38.297	-5.206	28.108	4.576	7.248	31.496	33.975	5.5316	1.71649	0.00025	44.2248	250.000
2.0764	7475	44.2248	25.558	37.00	41.250	1568.354	38.302	-5.206	28.109	4.577	7.248	31.496	33.975	5.5316	1.71633	0.00025	44.2250	250.000
2.0767	7476	44.2250	25.558	37.00	41.250	1568.556	38.307	-5.206	28.110	4.577	7.248	31.496	33.975	5.5316	1.71618	0.00025	44.2252	250.000
2.0769	7477	44.2252	25.559	37.00	41.250	1568.758	38.312	-5.206	28.111	4.577	7.248	31.496	33.975	5.5316	1.71602	0.00025	44.2255	250.000
2.0772	7478	44.2255	25.559	37.00	41.250	1568.960	38.317	-5.206	28.112	4.577	7.247	31.496	33.975	5.5316	1.71587	0.00025	44.2257	250.000
2.0775	7479	44.2257	25.559	37.00	41.250	1569.162	38.322	-5.206	28.113	4.577	7.247	31.496	33.975	5.5316	1.71571	0.00025	44.2260	250.000
2.0778	7480	44.2260	25.559	37.00	41.250	1569.364	38.327	-5.206	28.114	4.577	7.247	31.496	33.975	5.5316	1.71556	0.00025	44.2262	250.000
2.0781	7481	44.2262	25.560	37.00	41.250	1569.566	38.332	-5.206	28.115	4.577	7.247	31.496	33.975	5.5316	1.71540	0.00025	44.2265	250.000
2.0783	7482	44.2265	25.560	37.00	41.250	1569.768	38.337	-5.206	28.116	4.578	7.247	31.496	33.975	5.5316	1.71525	0.00025	44.2267	250.000
2.0786	7483	44.2267	25.560	37.00	41.250	1569.970	38.342	-5.206	28.117	4.578	7.247	31.496	33.975	5.5316	1.71509	0.00025	44.2270	250.000
2.0789	7484	44.2270	25.560	37.00	41.250	1570.172	38.347	-5.206	28.118	4.578	7.246	31.496	33.975	5.5316	1.71493	0.00024	44.2272	250.000
2.0792	7485	44.2272	25.561	37.00	41.250	1570.375	38.352	-5.206	28.119	4.578	7.246	31.496	33.975	5.5316	1.71478	0.00024	44.2274	250.000
2.0794	7486	44.2274	25.561	37.00	41.250	1570.577	38.357	-5.206	28.120	4.578	7.246	31.496	33.975	5.5316	1.71462	0.00024	44.2277	250.000
2.0797	7487	44.2277	25.561	37.00	41.250	1570.779	38.362	-5.206	28.121	4.578	7.246	31.496	33.975	5.5316	1.71447	0.00024	44.2279	250.000
2.0800	7488	44.2279	25.561	37.00	41.250	1570.981	38.366	-5.206	28.122	4.579	7.246	31.496	33.975	5.5316	1.71431	0.00024	44.2282	250.000
2.0803	7489	44.2282	25.562	37.00	41.250	1571.183	38.371	-5.206	28.122	4.579	7.246	31.496	33.975	5.5316	1.71416	0.00024	44.2284	250.000
2.0806	7490	44.2284	25.562	37.00	41.250	1571.385	38.376	-5.206	28.123	4.579	7.246	31.496	33.975	5.5316	1.71400	0.00024	44.2287	250.000
2.0808	7491	44.2287	25.562	37.00	41.250	1571.587	38.381	-5.206	28.124	4.579	7.245	31.496	33.975	5.5316	1.71385	0.00024	44.2289	250.000
2.0811	7492	44.2289	25.562	37.00	41.250	1571.789	38.386	-5.206	28.125	4.579	7.245	31.496	33.975	5.5316	1.71369	0.00024	44.2292	250.000
2.0814	7493	44.2292	25.563	37.00	41.250	1571.991	38.391	-5.206	28.126	4.579	7.245	31.496	33.975	5.5316	1.71354	0.00024	44.2294	250.000
2.0817	7494	44.2294	25.563	37.00	41.250	1572.193	38.396	-5.206	28.127	4.579	7.245	31.496	33.975	5.5316	1.71338	0.00024	44.2297	250.000
2.0819	7495	44.2297	25.563	37.00	41.250	1572.395	38.401	-5.206	28.128	4.580	7.245	31.496	33.975	5.5316	1.71323	0.00024	44.2299	250.000
2.0822	7496	44.2299	25.563	37.00	41.250	1572.597	38.406	-5.206	28.129	4.580	7.245	31.496	33.975	5.5316	1.71307	0.00024	44.2301	250.000
2.0825	7497	44.2301	25.564	37.00	41.250	1572.799	38.411	-5.206	28.130	4.580	7.244	31.496	33.975	5.5316	1.71292	0.00024	44.2304	250.000
2.0828	7498	44.2304	25.564	37.00	41.250	1573.001	38.416	-5.206	28.131	4.580	7.244	31.496	33.975	5.5316	1.71276	0.00024	44.2306	250.000

2.0831	7499	44.2306	25.564	37.00	41.250	1573.203	38.421	-5.206	28.132	4.580	7.244	31.496	33.975	5.5316	1.71261	0.00024	44.2309	250.000
2.0833	7500	44.2309	25.564	37.00	41.250	1573.405	38.426	-5.206	28.133	4.580	7.244	31.496	33.975	5.5316	1.71245	0.00024	44.2311	250.000
2.0836	7501	44.2311	25.565	37.00	41.250	1573.607	38.431	-5.206	28.134	4.581	7.244	31.496	33.975	5.5316	1.71230	0.00024	44.2314	250.000
2.0839	7502	44.2314	25.565	37.00	41.250	1573.809	38.436	-5.206	28.135	4.581	7.244	31.496	33.975	5.5316	1.71214	0.00024	44.2316	250.000
2.0842	7503	44.2316	25.565	37.00	41.250	1574.011	38.441	-5.206	28.136	4.581	7.244	31.496	33.975	5.5316	1.71199	0.00024	44.2319	250.000
2.0844	7504	44.2319	25.565	37.00	41.250	1574.213	38.445	-5.206	28.137	4.581	7.243	31.496	33.975	5.5316	1.71183	0.00024	44.2321	250.000
2.0847	7505	44.2321	25.565	37.00	41.250	1574.415	38.450	-5.206	28.138	4.581	7.243	31.496	33.975	5.5316	1.71168	0.00024	44.2323	250.000
2.0850	7506	44.2323	25.566	37.00	41.250	1574.617	38.455	-5.206	28.139	4.581	7.243	31.496	33.975	5.5316	1.71152	0.00024	44.2326	250.000
2.0853	7507	44.2326	25.566	37.00	41.250	1574.819	38.460	-5.206	28.140	4.582	7.243	31.496	33.975	5.5316	1.71137	0.00024	44.2328	250.000
2.0856	7508	44.2328	25.566	37.00	41.250	1575.021	38.465	-5.206	28.141	4.582	7.243	31.496	33.975	5.5316	1.71121	0.00024	44.2331	250.000
2.0858	7509	44.2331	25.566	37.00	41.250	1575.223	38.470	-5.206	28.142	4.582	7.243	31.496	33.975	5.5316	1.71106	0.00024	44.2333	250.000
2.0861	7510	44.2333	25.567	37.00	41.250	1575.425	38.475	-5.206	28.142	4.582	7.242	31.496	33.975	5.5316	1.71090	0.00024	44.2336	250.000
2.0864	7511	44.2336	25.567	37.00	41.250	1575.627	38.480	-5.206	28.143	4.582	7.242	31.496	33.975	5.5316	1.71075	0.00024	44.2338	250.000
2.0867	7512	44.2338	25.567	37.00	41.250	1575.829	38.485	-5.206	28.144	4.582	7.242	31.496	33.975	5.5316	1.71059	0.00024	44.2341	250.000
2.0869	7513	44.2341	25.567	37.00	41.250	1576.031	38.490	-5.206	28.145	4.582	7.242	31.496	33.975	5.5316	1.71044	0.00024	44.2343	250.000
2.0872	7514	44.2343	25.568	37.00	41.250	1576.233	38.495	-5.206	28.146	4.583	7.242	31.496	33.975	5.5316	1.71028	0.00024	44.2345	250.000
2.0875	7515	44.2345	25.568	37.00	41.250	1576.435	38.500	-5.206	28.147	4.583	7.242	31.496	33.975	5.5316	1.71013	0.00024	44.2348	250.000
2.0878	7516	44.2348	25.568	37.00	41.250	1576.637	38.505	-5.206	28.148	4.583	7.242	31.496	33.975	5.5316	1.70998	0.00024	44.2350	250.000
2.0881	7517	44.2350	25.568	37.00	41.250	1576.839	38.510	-5.206	28.149	4.583	7.241	31.496	33.975	5.5316	1.70982	0.00024	44.2353	250.000
2.0883	7518	44.2353	25.569	37.00	41.250	1577.041	38.515	-5.206	28.150	4.583	7.241	31.496	33.975	5.5316	1.70967	0.00024	44.2355	250.000
2.0886	7519	44.2355	25.569	37.00	41.250	1577.244	38.519	-5.206	28.151	4.583	7.241	31.496	33.975	5.5316	1.70951	0.00024	44.2358	250.000
2.0889	7520	44.2358	25.569	37.00	41.250	1577.446	38.524	-5.206	28.152	4.584	7.241	31.496	33.975	5.5316	1.70936	0.00024	44.2360	250.000
2.0892	7521	44.2360	25.569	37.00	41.250	1577.648	38.529	-5.206	28.153	4.584	7.241	31.496	33.975	5.5316	1.70920	0.00024	44.2363	250.000
2.0894	7522	44.2363	25.570	37.00	41.250	1577.850	38.534	-5.206	28.154	4.584	7.241	31.496	33.975	5.5316	1.70905	0.00024	44.2365	250.000
2.0897	7523	44.2365	25.570	37.00	41.250	1578.052	38.539	-5.206	28.155	4.584	7.240	31.496	33.975	5.5316	1.70889	0.00024	44.2367	250.000
2.0900	7524	44.2367	25.570	37.00	41.250	1578.254	38.544	-5.206	28.156	4.584	7.240	31.496	33.975	5.5316	1.70874	0.00024	44.2370	250.000
2.0903	7525	44.2370	25.570	37.00	41.250	1578.456	38.549	-5.206	28.157	4.584	7.240	31.496	33.975	5.5316	1.70858	0.00024	44.2372	250.000
2.0906	7526	44.2372	25.571	37.00	41.250	1578.658	38.554	-5.206	28.158	4.584	7.240	31.496	33.975	5.5316	1.70843	0.00024	44.2375	250.000
2.0908	7527	44.2375	25.571	37.00	41.250	1578.860	38.559	-5.206	28.159	4.585	7.240	31.496	33.975	5.5316	1.70827	0.00024	44.2377	250.000
2.0911	7528	44.2377	25.571	37.00	41.250	1579.062	38.564	-5.206	28.160	4.585	7.240	31.496	33.975	5.5316	1.70812	0.00024	44.2380	250.000
2.0914	7529	44.2380	25.571	37.00	41.250	1579.264	38.569	-5.206	28.161	4.585	7.240	31.496	33.975	5.5316	1.70796	0.00024	44.2382	250.000
2.0917	7530	44.2382	25.572	37.00	41.250	1579.466	38.574	-5.206	28.161	4.585	7.239	31.496	33.975	5.5316	1.70781	0.00024	44.2384	250.000
2.0919	7531	44.2384	25.572	37.00	41.250	1579.668	38.579	-5.206	28.162	4.585	7.239	31.496	33.975	5.5316	1.70766	0.00024	44.2387	250.000
2.0922	7532	44.2387	25.572	37.00	41.250	1579.870	38.584	-5.206	28.163	4.585	7.239	31.496	33.975	5.5316	1.70750	0.00024	44.2389	250.000
2.0925	7533	44.2389	25.572	37.00	41.250	1580.072	38.589	-5.206	28.164	4.586	7.239	31.496	33.975	5.5316	1.70735	0.00024	44.2392	250.000
2.0928	7534	44.2392	25.573	37.00	41.250	1580.274	38.593	-5.206	28.165	4.586	7.239	31.496	33.975	5.5316	1.70719	0.00024	44.2394	250.000
2.0931	7535	44.2394	25.573	37.00	41.250	1580.476	38.598	-5.206	28.166	4.586	7.239	31.496	33.975	5.5316	1.70704	0.00024	44.2397	250.000
2.0933	7536	44.2397	25.573	37.00	41.250	1580.678	38.603	-5.206	28.167	4.586	7.238	31.496	33.975	5.5316	1.70688	0.00024	44.2399	250.000
2.0936	7537	44.2399	25.573	37.00	41.250	1580.880	38.608	-5.206	28.168	4.586	7.238	31.496	33.975	5.5316	1.70673	0.00024	44.2402	250.000
2.0939	7538	44.2402	25.574	37.00	41.250	1581.082	38.613	-5.206	28.169	4.586	7.238	31.496	33.975	5.5316	1.70657	0.00024	44.2404	250.000
2.0942	7539	44.2404	25.574	37.00	41.250	1581.284	38.618	-5.206	28.170	4.586	7.238	31.496	33.975	5.5316	1.70642	0.00024	44.2406	250.000
2.0944	7540	44.2406	25.574	37.00	41.250	1581.486	38.623	-5.206	28.171	4.587	7.238	31.496	33.975	5.5316	1.70627	0.00024	44.2409	250.000
2.0947	7541	44.2409	25.574	37.00	41.250	1581.688	38.628	-5.206	28.172	4.587	7.238	31.496	33.975	5.5316	1.70611	0.00024	44.2411	250.000
2.0950	7542	44.2411	25.575	37.00	41.250	1581.890	38.633	-5.206	28.173	4.587	7.238	31.496	33.975	5.5316	1.70596	0.00024	44.2414	250.000
2.0953	7543	44.2414	25.575	37.00	41.250	1582.092	38.638	-5.206	28.174	4.587	7.237	31.496	33.975	5.5316	1.70580	0.00024	44.2416	250.000
2.0956	7544	44.2416	25.575	37.00	41.250	1582.294	38.643	-5.206	28.175	4.587	7.237	31.496	33.975	5.5316	1.70565	0.00024	44.2419	250.000
2.0958	7545	44.2419	25.575	37.00	41.250	1582.496	38.648	-5.206	28.176	4.587	7.237	31.496	33.975	5.5316	1.70549	0.00024	44.2421	250.000
2.0961	7546	44.2421	25.575	37.00	41.250	1582.698	38.653	-5.206	28.177	4.588	7.237	31.496	33.975	5.5316	1.70534	0.00024	44.2423	250.000
2.0964	7547	44.2423	25.576	37.00	41.250	1582.900	38.658	-5.206	28.178	4.588	7.237	31.496	33.975	5.5316	1.70518	0.00024	44.2426	250.000
2.0967	7548	44.2426	25.576	37.00	41.250	1583.102	38.663	-5.206	28.179	4.588	7.237	31.496	33.975	5.5316	1.70503	0.00024	44.2428	250.000
2.0969	7549	44.2428	25.576	37.00	41.250	1583.304	38.667	-5.206	28.179	4.588	7.236	31.496	33.975	5.5316	1.70488	0.00024	44.2431	250.000
2.0972	7550	44.2431	25.576	37.00	41.250	1583.506	38.672	-5.206	28.180	4.588	7.236	31.496	33.975	5.5316	1.70472	0.00024	44.2433	250.000
2.0975	7551	44.2433	25.577	37.00	41.250	1583.708	38.677	-5.206	28.181	4.588	7.236	31.496	33.975	5.5316	1.70457	0.00024	44.2436	250.000
2.0978	7552	44.2436	25.577	37.00	41.250	1583.911	38.682	-5.206	28.182	4.588	7.236	31.496	33.975	5.5316	1.70441	0.00024	44.2438	250.000
2.0981	7553	44.2438	25.577	37.00	41.250	1584.113	38.687	-5.206	28.183	4.589	7.236	31.496	33.975	5.5316	1.70426	0.00024	44.2441	250.000
2.0983	7554	44.2441	25.577	37.00	41.250	1584.315	38.692	-5.206	28.184	4.589	7.236	31.496	33.975	5.5316	1.70411	0.00024	44.2443	250.000
2.0986	7555	44.2443	25.578	37.00	41.250	1584.517	38.697	-5.206	28.185	4.589	7.236	31.496	33.975	5.5316	1.70395	0.00024	44.2445	250.000
2.0989	7556	44.2445	25.578	37.00	41.250	1584.719	38.702	-5.206	28.186	4.589	7.235	31.496	33.975	5.5316	1.70380	0.00024	44.2448	250.000
2.0992	7557	44.2448	25.578	37.00	41.250	1584.921	38.707	-5.206	28.187	4.589	7.235	31.496	33.975	5.5316	1.70364	0.00024	44.2450	250.000
2.0994	7558	44.2450	25.578	37.00	41.250	1585.123	38.712	-5.206	28.188	4.589	7.235	31.496	33.975	5.5316	1.70349	0.00024	44.2453	250.000
2.0997	7559	44.2453	25.579	37.00	41.250	1585.325	38.717	-5.206	28.189	4.590	7.235	31.496	33.975	5.5316	1.70333	0.00024	44.2455	250.000
2.1000	7560	44.2455	25.579	37.00	41.250	1585.527	38.722	-5.206	28.190	4.590	7.235	31.496	33.975	5.5316	1.70318	0.00024	44.2458	250.000
2.1003	7561	44.2458	25.579	37.00	41.250	1585.729	38.727	-5.206	28.191	4.590	7.235	31.496	33.975	5.5316	1.70303	0.00024	44.2460	250.000
2.1006	7562	44.2460	25.579	37.00	41.250	1585.931	38.732	-5.206	28.192	4.590	7.234	31.496	33.975	5.5316	1.70287	0.00024	44.2462	250.000
2.1008	7563	44.2462	25.580	37.00	41.250	1586.133	38.737	-5.206	28.193	4.590	7.234	31.496	33.975	5.5316	1.70272	0.00024	44.2465	250.000
2.1011	7564	44.2465	25.580	37.00	41.250	1586.335	38.741	-5.206	28.194	4.590	7.234	31.496	33.975	5.5316	1.70256	0.00024	44.2467	250.000
2.1014	7565	44.2467	25.580	37.00	41.250	1586.537	38.746	-5.206	28.195	4.590	7.234	31.496	33.975	5.5316	1.70241	0.00024	44.2470	250.000
2.1017	7566	44.2470	25.580	37.00	41.250	1586.739	38.751	-5.206	28.196	4.591	7.234	31.496	33.975	5.5316	1.70226	0.00024	44.2472	250.000
2.1019	7567	44.2472	25.581	37.00	41.250	1586.941	38.756	-5.206	28.197	4.591	7.234	31.496	33.975	5.5316	1.70210	0.00024	44.2475	250.000
2.1022	7568	44.2475	25.581	37.00	41.250	1587.143	38.761	-5.206	28.197	4.591	7.234	31.496	33.975	5.5316	1.70195	0.00024	44.2477	250.000
2.1025	7569	44.2477	25.581	37.00	41.250	1587.345	38.766	-5.206	28.198	4.591	7.233	31.496	33.975	5.5316	1.70179	0.00024	44.2479	250.000
2.1028	7570	44.2479	25.581	37.00	41.250	1587.547	38.771	-5.206	28.199	4.591	7.233	31.496	33.975	5.5316	1.70164	0.00024	44.2482	250.000
2.1031	7571	44.2482	25.582	37.00	41.250	1587.749	38.776	-5.206	28.200	4.591	7.233	31.496	33.975	5.5316	1.70149	0.00024	44.2484	250.000
2.1033	7572	44.2484	25.582	37.00	41.250	1587.951	38.781	-5.206	28.201	4.592	7.233	31.496	33.975	5.5316	1.70133	0.00024	44.2487	250.000
2.1036	7573	44.2487	25.582	37.00	41.250	1588.153	38.786	-5.206	28.202	4.592	7.233	31.496	33.975	5.5316	1.70118	0.00024	44.2489	250.000
2.1039	7574	44.2489	25.582	37.00	41.250	1588.355	38.791	-5.206	28.203	4.592	7.233	31.496	33.975	5.5316	1.70102	0.00024	44.2492	250.000
2.1042	7575	44.2492	25.583	37.00	41.250	1588.557	38.796	-5.206	28.204	4.592	7.232	31.496	33.975	5.5316	1.70087	0.00024	44.2494	250.000
2.1044	7576	44.2494	25.583	37.00	41.250	1588.759	38.801	-5.206	28.205	4.592	7.232	31.496	33.975	5.5316	1.70072	0.00024	44.2496	250.000
2.1047	7577	44.2496	25.583	37.00	41.250	1588.961	38.806	-5.206	28.206	4.592	7.232	31.496	33.975	5.5316	1.70056	0.00024	44.2499	250.000
2.1050	7578	44.2499	25.583	37.00	41.250	1589.163	38.811	-5.206	28.207	4.592	7.232	31.496	33.975	5.5316	1.70041	0.00024	44.2501	250.000
2.1053	7579	44.2501	25.584	37.00	41.250	1589.365	38.815	-5.206	28.208	4.593	7.232	31.496	33.975	5.5316	1.70025	0.00024	44.2504	250.000

2.1056	7580	44.2504	25.584	37.00	41.250	1589.567	38.820	-5.206	28.209	4.593	7.232	31.496	33.975	5.5316	1.70010	0.00024	44.2506	250.000
2.1058	7581	44.2506	25.584	37.00	41.250	1589.769	38.825	-5.206	28.210	4.593	7.231	31.496	33.975	5.5316	1.69995	0.00024	44.2509	250.000
2.1061	7582	44.2509	25.584	37.00	41.250	1589.971	38.830	-5.206	28.211	4.593	7.231	31.496	33.975	5.5316	1.69979	0.00024	44.2511	250.000
2.1064	7583	44.2511	25.584	37.00	41.250	1590.173	38.835	-5.206	28.212	4.593	7.231	31.496	33.975	5.5316	1.69964	0.00024	44.2513	250.000
2.1067	7584	44.2513	25.585	37.00	41.250	1590.375	38.840	-5.206	28.213	4.593	7.231	31.496	33.975	5.5316	1.69948	0.00024	44.2516	250.000
2.1069	7585	44.2516	25.585	37.00	41.250	1590.578	38.845	-5.206	28.214	4.594	7.231	31.496	33.975	5.5316	1.69933	0.00024	44.2518	250.000
2.1072	7586	44.2518	25.585	37.00	41.250	1590.780	38.850	-5.206	28.214	4.594	7.231	31.496	33.975	5.5316	1.69918	0.00024	44.2521	250.000
2.1075	7587	44.2521	25.585	37.00	41.250	1590.982	38.855	-5.206	28.215	4.594	7.231	31.496	33.975	5.5316	1.69902	0.00024	44.2523	250.000
2.1078	7588	44.2523	25.586	37.00	41.250	1591.184	38.860	-5.206	28.216	4.594	7.230	31.496	33.975	5.5316	1.69887	0.00024	44.2526	250.000
2.1081	7589	44.2526	25.586	37.00	41.250	1591.386	38.865	-5.206	28.217	4.594	7.230	31.496	33.975	5.5316	1.69872	0.00024	44.2528	250.000
2.1083	7590	44.2528	25.586	37.00	41.250	1591.588	38.870	-5.206	28.218	4.594	7.230	31.496	33.975	5.5316	1.69856	0.00024	44.2530	250.000
2.1086	7591	44.2530	25.586	37.00	41.250	1591.790	38.875	-5.206	28.219	4.594	7.230	31.496	33.975	5.5316	1.69841	0.00024	44.2533	250.000
2.1089	7592	44.2533	25.587	37.00	41.250	1591.992	38.880	-5.206	28.220	4.595	7.230	31.496	33.975	5.5316	1.69825	0.00024	44.2535	250.000
2.1092	7593	44.2535	25.587	37.00	41.250	1592.194	38.885	-5.206	28.221	4.595	7.230	31.496	33.975	5.5316	1.69810	0.00024	44.2538	250.000
2.1094	7594	44.2538	25.587	37.00	41.250	1592.396	38.890	-5.206	28.222	4.595	7.230	31.496	33.975	5.5316	1.69795	0.00024	44.2540	250.000
2.1097	7595	44.2540	25.587	37.00	41.250	1592.598	38.894	-5.206	28.223	4.595	7.229	31.496	33.975	5.5316	1.69779	0.00024	44.2543	250.000
2.1100	7596	44.2543	25.588	37.00	41.250	1592.800	38.899	-5.206	28.224	4.595	7.229	31.496	33.975	5.5316	1.69764	0.00024	44.2545	250.000
2.1103	7597	44.2545	25.588	37.00	41.250	1593.002	38.904	-5.206	28.225	4.595	7.229	31.496	33.975	5.5316	1.69749	0.00024	44.2547	250.000
2.1106	7598	44.2547	25.588	37.00	41.250	1593.204	38.909	-5.206	28.226	4.596	7.229	31.496	33.975	5.5316	1.69733	0.00024	44.2550	250.000
2.1108	7599	44.2550	25.588	37.00	41.250	1593.406	38.914	-5.206	28.227	4.596	7.229	31.496	33.975	5.5316	1.69718	0.00024	44.2552	250.000
2.1111	7600	44.2552	25.589	37.00	41.250	1593.608	38.919	-5.206	28.228	4.596	7.229	31.496	33.975	5.5316	1.69703	0.00024	44.2555	250.000
2.1114	7601	44.2555	25.589	37.00	41.250	1593.810	38.924	-5.206	28.229	4.596	7.228	31.496	33.975	5.5316	1.69687	0.00024	44.2557	250.000
2.1117	7602	44.2557	25.589	37.00	41.250	1594.012	38.929	-5.206	28.230	4.596	7.228	31.496	33.975	5.5316	1.69672	0.00024	44.2560	250.000
2.1119	7603	44.2560	25.589	37.00	41.250	1594.214	38.934	-5.206	28.231	4.596	7.228	31.496	33.975	5.5316	1.69657	0.00024	44.2562	250.000
2.1122	7604	44.2562	25.590	37.00	41.250	1594.416	38.939	-5.206	28.231	4.596	7.228	31.496	33.975	5.5316	1.69641	0.00024	44.2564	250.000
2.1125	7605	44.2564	25.590	37.00	41.250	1594.618	38.944	-5.206	28.232	4.597	7.228	31.496	33.975	5.5316	1.69626	0.00024	44.2567	250.000
2.1128	7606	44.2567	25.590	37.00	41.250	1594.820	38.949	-5.206	28.233	4.597	7.228	31.496	33.975	5.5316	1.69610	0.00024	44.2569	250.000
2.1131	7607	44.2569	25.590	37.00	41.250	1595.022	38.954	-5.206	28.234	4.597	7.228	31.496	33.975	5.5316	1.69595	0.00024	44.2572	250.000
2.1133	7608	44.2572	25.591	37.00	41.250	1595.224	38.959	-5.206	28.235	4.597	7.227	31.496	33.975	5.5316	1.69580	0.00024	44.2574	250.000
2.1136	7609	44.2574	25.591	37.00	41.250	1595.426	38.964	-5.206	28.236	4.597	7.227	31.496	33.975	5.5316	1.69564	0.00024	44.2577	250.000
2.1139	7610	44.2577	25.591	37.00	41.250	1595.628	38.968	-5.206	28.237	4.597	7.227	31.496	33.975	5.5316	1.69549	0.00024	44.2579	250.000
2.1142	7611	44.2579	25.591	37.00	41.250	1595.830	38.973	-5.206	28.238	4.598	7.227	31.496	33.975	5.5316	1.69534	0.00024	44.2581	250.000
2.1144	7612	44.2581	25.592	37.00	41.250	1596.032	38.978	-5.206	28.239	4.598	7.227	31.496	33.975	5.5316	1.69518	0.00024	44.2584	250.000
2.1147	7613	44.2584	25.592	37.00	41.250	1596.234	38.983	-5.206	28.240	4.598	7.227	31.496	33.975	5.5316	1.69503	0.00024	44.2586	250.000
2.1150	7614	44.2586	25.592	37.00	41.250	1596.436	38.988	-5.206	28.241	4.598	7.226	31.496	33.975	5.5316	1.69488	0.00024	44.2589	250.000
2.1153	7615	44.2589	25.592	37.00	41.250	1596.638	38.993	-5.206	28.242	4.598	7.226	31.496	33.975	5.5316	1.69472	0.00024	44.2591	250.000
2.1156	7616	44.2591	25.592	37.00	41.250	1596.840	38.998	-5.206	28.243	4.598	7.226	31.496	33.975	5.5316	1.69457	0.00024	44.2593	250.000
2.1158	7617	44.2593	25.593	37.00	41.250	1597.042	39.003	-5.206	28.244	4.598	7.226	31.496	33.975	5.5316	1.69442	0.00024	44.2596	250.000
2.1161	7618	44.2596	25.593	37.00	41.250	1597.244	39.008	-5.206	28.245	4.599	7.226	31.496	33.975	5.5316	1.69426	0.00024	44.2598	250.000
2.1164	7619	44.2598	25.593	37.00	41.250	1597.447	39.013	-5.206	28.246	4.599	7.226	31.496	33.975	5.5316	1.69411	0.00024	44.2601	250.000
2.1167	7620	44.2601	25.593	37.00	41.250	1597.649	39.018	-5.206	28.247	4.599	7.226	31.496	33.975	5.5316	1.69396	0.00024	44.2603	250.000
2.1169	7621	44.2603	25.594	37.00	41.250	1597.851	39.023	-5.206	28.248	4.599	7.225	31.496	33.975	5.5316	1.69380	0.00024	44.2606	250.000
2.1172	7622	44.2606	25.594	37.00	41.250	1598.053	39.028	-5.206	28.248	4.599	7.225	31.496	33.975	5.5316	1.69365	0.00024	44.2608	250.000
2.1175	7623	44.2608	25.594	37.00	41.250	1598.255	39.033	-5.206	28.249	4.599	7.225	31.496	33.975	5.5316	1.69350	0.00024	44.2610	250.000
2.1178	7624	44.2610	25.594	37.00	41.250	1598.457	39.038	-5.206	28.250	4.600	7.225	31.496	33.975	5.5316	1.69334	0.00024	44.2613	250.000
2.1181	7625	44.2613	25.595	37.00	41.250	1598.659	39.042	-5.206	28.251	4.600	7.225	31.496	33.975	5.5316	1.69319	0.00024	44.2615	250.000
2.1183	7626	44.2615	25.595	37.00	41.250	1598.861	39.047	-5.206	28.252	4.600	7.225	31.496	33.975	5.5316	1.69304	0.00024	44.2618	250.000
2.1186	7627	44.2618	25.595	37.00	41.250	1599.063	39.052	-5.206	28.253	4.600	7.224	31.496	33.975	5.5316	1.69288	0.00024	44.2620	250.000
2.1189	7628	44.2620	25.595	37.00	41.250	1599.265	39.057	-5.206	28.254	4.600	7.224	31.496	33.975	5.5316	1.69273	0.00024	44.2623	250.000
2.1192	7629	44.2623	25.596	37.00	41.250	1599.467	39.062	-5.206	28.255	4.600	7.224	31.496	33.975	5.5316	1.69258	0.00024	44.2625	250.000
2.1194	7630	44.2625	25.596	37.00	41.250	1599.669	39.067	-5.206	28.256	4.600	7.224	31.496	33.975	5.5316	1.69242	0.00024	44.2627	250.000
2.1197	7631	44.2627	25.596	37.00	41.250	1599.871	39.072	-5.206	28.257	4.601	7.224	31.496	33.975	5.5316	1.69227	0.00024	44.2630	250.000
2.1200	7632	44.2630	25.596	37.00	41.250	1600.073	39.077	-5.206	28.258	4.601	7.224	31.496	33.975	5.5316	1.69212	0.00024	44.2632	250.000
2.1203	7633	44.2632	25.597	37.00	41.250	1600.275	39.082	-5.206	28.259	4.601	7.224	31.496	33.975	5.5316	1.69197	0.00024	44.2635	250.000
2.1206	7634	44.2635	25.597	37.00	41.250	1600.477	39.087	-5.206	28.260	4.601	7.223	31.496	33.975	5.5316	1.69181	0.00024	44.2637	250.000
2.1208	7635	44.2637	25.597	37.00	41.250	1600.679	39.092	-5.206	28.261	4.601	7.223	31.496	33.975	5.5316	1.69166	0.00024	44.2639	250.000
2.1211	7636	44.2639	25.597	37.00	41.250	1600.881	39.097	-5.206	28.262	4.601	7.223	31.496	33.975	5.5316	1.69151	0.00024	44.2642	250.000
2.1214	7637	44.2642	25.598	37.00	41.250	1601.083	39.102	-5.206	28.263	4.602	7.223	31.496	33.975	5.5316	1.69135	0.00024	44.2644	250.000
2.1217	7638	44.2644	25.598	37.00	41.250	1601.285	39.107	-5.206	28.263	4.602	7.223	31.496	33.975	5.5316	1.69120	0.00024	44.2647	250.000
2.1219	7639	44.2647	25.598	37.00	41.250	1601.487	39.112	-5.206	28.264	4.602	7.223	31.496	33.975	5.5316	1.69105	0.00024	44.2649	250.000
2.1222	7640	44.2649	25.598	37.00	41.250	1601.689	39.116	-5.206	28.265	4.602	7.222	31.496	33.975	5.5316	1.69089	0.00024	44.2652	250.000
2.1225	7641	44.2652	25.599	37.00	41.250	1601.891	39.121	-5.206	28.266	4.602	7.222	31.496	33.975	5.5316	1.69074	0.00024	44.2654	250.000
2.1228	7642	44.2654	25.599	37.00	41.250	1602.093	39.126	-5.206	28.267	4.602	7.222	31.496	33.975	5.5316	1.69059	0.00024	44.2656	250.000
2.1231	7643	44.2656	25.599	37.00	41.250	1602.295	39.131	-5.206	28.268	4.602	7.222	31.496	33.975	5.5316	1.69043	0.00024	44.2659	250.000
2.1233	7644	44.2659	25.599	37.00	41.250	1602.497	39.136	-5.206	28.269	4.603	7.222	31.496	33.975	5.5316	1.69028	0.00024	44.2661	250.000
2.1236	7645	44.2661	25.600	37.00	41.250	1602.699	39.141	-5.206	28.270	4.603	7.222	31.496	33.975	5.5316	1.69013	0.00024	44.2664	250.000
2.1239	7646	44.2664	25.600	37.00	41.250	1602.901	39.146	-5.206	28.271	4.603	7.222	31.496	33.975	5.5316	1.68998	0.00024	44.2666	250.000
2.1242	7647	44.2666	25.600	37.00	41.250	1603.103	39.151	-5.206	28.272	4.603	7.221	31.496	33.975	5.5316	1.68982	0.00024	44.2668	250.000
2.1244	7648	44.2668	25.600	37.00	41.250	1603.305	39.156	-5.206	28.273	4.603	7.221	31.496	33.975	5.5316	1.68967	0.00024	44.2671	250.000
2.1247	7649	44.2671	25.600	37.00	41.250	1603.507	39.161	-5.206	28.274	4.603	7.221	31.496	33.975	5.5316	1.68952	0.00024	44.2673	250.000
2.1250	7650	44.2673	25.601	37.00	41.250	1603.709	39.166	-5.206	28.275	4.604	7.221	31.496	33.975	5.5316	1.68936	0.00024	44.2676	250.000
2.1253	7651	44.2676	25.601	37.00	41.250	1603.911	39.171	-5.206	28.276	4.604	7.221	31.496	33.975	5.5316	1.68921	0.00024	44.2678	250.000
2.1256	7652	44.2678	25.601	37.00	41.250	1604.114	39.176	-5.206	28.277	4.604	7.221	31.496	33.975	5.5316	1.68906	0.00024	44.2680	250.000
2.1258	7653	44.2680	25.601	37.00	41.250	1604.316	39.181	-5.206	28.278	4.604	7.220	31.496	33.975	5.5316	1.68891	0.00024	44.2683	250.000
2.1261	7654	44.2683	25.602	37.00	41.250	1604.518	39.186	-5.206	28.279	4.604	7.220	31.496	33.975	5.5316	1.68875	0.00024	44.2685	250.000
2.1264	7655	44.2685	25.602	37.00	41.250	1604.720	39.190	-5.206	28.279	4.604	7.220	31.496	33.975	5.5316	1.68860	0.00024	44.2688	250.000
2.1267	7656	44.2688	25.602	37.00	41.250	1604.922	39.195	-5.206	28.280	4.604	7.220	31.496	33.975	5.5316	1.68845	0.00024	44.2690	250.000
2.1269	7657	44.2690	25.602	37.00	41.250	1605.124	39.200	-5.206	28.281	4.605	7.220	31.496	33.975	5.5316	1.68829	0.00024	44.2693	250.000
2.1272	7658	44.2693	25.603	37.00	41.250	1605.326	39.205	-5.206	28.282	4.605	7.220	31.496	33.975	5.5316	1.68814	0.00024	44.2695	250.000
2.1275	7659	44.2695	25.603	37.00	41.250	1605.528	39.210	-5.206	28.283	4.605	7.220	31.496	33.975	5.5316	1.68799	0.00024	44.2697	250.000
2.1278	7660	44.2697	25.603	37.00	41.250	1605.730	39.215	-5.206	28.284	4.605	7.219	31.496	33.975	5.5316	1.68784	0.00024	44.2700	250.000

2.1281	7661	44.2700	25.603	37.00	41.250	1605.932	39.220	-5.206	28.285	4.605	7.219	31.496	33.975	5.5316	1.68768	0.00024	44.2702	250.000
2.1283	7662	44.2702	25.604	37.00	41.250	1606.134	39.225	-5.206	28.286	4.605	7.219	31.496	33.975	5.5316	1.68753	0.00024	44.2705	250.000
2.1286	7663	44.2705	25.604	37.00	41.250	1606.336	39.230	-5.206	28.287	4.605	7.219	31.496	33.975	5.5316	1.68738	0.00024	44.2707	250.000
2.1289	7664	44.2707	25.604	37.00	41.250	1606.538	39.235	-5.206	28.288	4.606	7.219	31.496	33.975	5.5316	1.68723	0.00024	44.2709	250.000
2.1292	7665	44.2709	25.604	37.00	41.250	1606.740	39.240	-5.206	28.289	4.606	7.219	31.496	33.975	5.5316	1.68707	0.00024	44.2712	250.000
2.1294	7666	44.2712	25.605	37.00	41.250	1606.942	39.245	-5.206	28.290	4.606	7.218	31.496	33.975	5.5316	1.68692	0.00024	44.2714	250.000
2.1297	7667	44.2714	25.605	37.00	41.250	1607.144	39.250	-5.206	28.291	4.606	7.218	31.496	33.975	5.5316	1.68677	0.00024	44.2717	250.000
2.1300	7668	44.2717	25.605	37.00	41.250	1607.346	39.255	-5.206	28.292	4.606	7.218	31.496	33.975	5.5316	1.68661	0.00024	44.2719	250.000
2.1303	7669	44.2719	25.605	37.00	41.250	1607.548	39.260	-5.206	28.293	4.606	7.218	31.496	33.975	5.5316	1.68646	0.00024	44.2721	250.000
2.1306	7670	44.2721	25.606	37.00	41.250	1607.750	39.264	-5.206	28.294	4.607	7.218	31.496	33.975	5.5316	1.68631	0.00024	44.2724	250.000
2.1308	7671	44.2724	25.606	37.00	41.250	1607.952	39.269	-5.206	28.294	4.607	7.218	31.496	33.975	5.5316	1.68616	0.00024	44.2726	250.000
2.1311	7672	44.2726	25.606	37.00	41.250	1608.154	39.274	-5.206	28.295	4.607	7.218	31.496	33.975	5.5316	1.68600	0.00024	44.2729	250.000
2.1314	7673	44.2729	25.606	37.00	41.250	1608.356	39.279	-5.206	28.296	4.607	7.217	31.496	33.975	5.5316	1.68585	0.00024	44.2731	250.000
2.1317	7674	44.2731	25.606	37.00	41.250	1608.558	39.284	-5.206	28.297	4.607	7.217	31.496	33.975	5.5316	1.68570	0.00024	44.2734	250.000
2.1319	7675	44.2734	25.607	37.00	41.250	1608.760	39.289	-5.206	28.298	4.607	7.217	31.496	33.975	5.5316	1.68555	0.00024	44.2736	250.000
2.1322	7676	44.2736	25.607	37.00	41.250	1608.962	39.294	-5.206	28.299	4.607	7.217	31.496	33.975	5.5316	1.68539	0.00024	44.2738	250.000
2.1325	7677	44.2738	25.607	37.00	41.250	1609.164	39.299	-5.206	28.300	4.608	7.217	31.496	33.975	5.5316	1.68524	0.00024	44.2741	250.000
2.1328	7678	44.2741	25.607	37.00	41.250	1609.366	39.304	-5.206	28.301	4.608	7.217	31.496	33.975	5.5316	1.68509	0.00024	44.2743	250.000
2.1331	7679	44.2743	25.608	37.00	41.250	1609.568	39.309	-5.206	28.302	4.608	7.216	31.496	33.975	5.5316	1.68494	0.00024	44.2746	250.000
2.1333	7680	44.2746	25.608	37.00	41.250	1609.770	39.314	-5.206	28.303	4.608	7.216	31.496	33.975	5.5316	1.68478	0.00024	44.2748	250.000
2.1336	7681	44.2748	25.608	37.00	41.250	1609.972	39.319	-5.206	28.304	4.608	7.216	31.496	33.975	5.5316	1.68463	0.00024	44.2750	250.000
2.1339	7682	44.2750	25.608	37.00	41.250	1610.174	39.324	-5.206	28.305	4.608	7.216	31.496	33.975	5.5316	1.68448	0.00024	44.2753	250.000
2.1342	7683	44.2753	25.609	37.00	41.250	1610.376	39.329	-5.206	28.306	4.609	7.216	31.496	33.975	5.5316	1.68433	0.00024	44.2755	250.000
2.1344	7684	44.2755	25.609	37.00	41.250	1610.578	39.334	-5.206	28.307	4.609	7.216	31.496	33.975	5.5316	1.68417	0.00024	44.2758	250.000
2.1347	7685	44.2758	25.609	37.00	41.250	1610.780	39.338	-5.206	28.308	4.609	7.216	31.496	33.975	5.5316	1.68402	0.00024	44.2760	250.000
2.1350	7686	44.2760	25.609	37.00	41.250	1610.983	39.343	-5.206	28.309	4.609	7.215	31.496	33.975	5.5316	1.68387	0.00024	44.2762	250.000
2.1353	7687	44.2762	25.610	37.00	41.250	1611.185	39.348	-5.206	28.309	4.609	7.215	31.496	33.975	5.5316	1.68372	0.00024	44.2765	250.000
2.1356	7688	44.2765	25.610	37.00	41.250	1611.387	39.353	-5.206	28.310	4.609	7.215	31.496	33.975	5.5316	1.68356	0.00024	44.2767	250.000
2.1358	7689	44.2767	25.610	37.00	41.250	1611.589	39.358	-5.206	28.311	4.609	7.215	31.496	33.975	5.5316	1.68341	0.00024	44.2770	250.000
2.1361	7690	44.2770	25.610	37.00	41.250	1611.791	39.363	-5.206	28.312	4.610	7.215	31.496	33.975	5.5316	1.68326	0.00024	44.2772	250.000
2.1364	7691	44.2772	25.611	37.00	41.250	1611.993	39.368	-5.206	28.313	4.610	7.215	31.496	33.975	5.5316	1.68311	0.00024	44.2774	250.000
2.1367	7692	44.2774	25.611	37.00	41.250	1612.195	39.373	-5.206	28.314	4.610	7.215	31.496	33.975	5.5316	1.68296	0.00024	44.2777	250.000
2.1369	7693	44.2777	25.611	37.00	41.250	1612.397	39.378	-5.206	28.315	4.610	7.214	31.496	33.975	5.5316	1.68280	0.00024	44.2779	250.000
2.1372	7694	44.2779	25.611	37.00	41.250	1612.599	39.383	-5.206	28.316	4.610	7.214	31.496	33.975	5.5316	1.68265	0.00024	44.2782	250.000
2.1375	7695	44.2782	25.612	37.00	41.250	1612.801	39.388	-5.206	28.317	4.610	7.214	31.496	33.975	5.5316	1.68250	0.00024	44.2784	250.000
2.1378	7696	44.2784	25.612	37.00	41.250	1613.003	39.393	-5.206	28.318	4.611	7.214	31.496	33.975	5.5316	1.68235	0.00024	44.2786	250.000
2.1381	7697	44.2786	25.612	37.00	41.250	1613.205	39.398	-5.206	28.319	4.611	7.214	31.496	33.975	5.5316	1.68219	0.00024	44.2789	250.000
2.1383	7698	44.2789	25.612	37.00	41.250	1613.407	39.403	-5.206	28.320	4.611	7.214	31.496	33.975	5.5316	1.68204	0.00024	44.2791	250.000
2.1386	7699	44.2791	25.613	37.00	41.250	1613.609	39.408	-5.206	28.321	4.611	7.213	31.496	33.975	5.5316	1.68189	0.00024	44.2794	250.000
2.1389	7700	44.2794	25.613	37.00	41.250	1613.811	39.413	-5.206	28.322	4.611	7.213	31.496	33.975	5.5316	1.68174	0.00024	44.2796	250.000
2.1392	7701	44.2796	25.613	37.00	41.250	1614.013	39.417	-5.206	28.323	4.611	7.213	31.496	33.975	5.5316	1.68159	0.00024	44.2798	250.000
2.1394	7702	44.2798	25.613	37.00	41.250	1614.215	39.422	-5.206	28.323	4.611	7.213	31.496	33.975	5.5316	1.68143	0.00024	44.2801	250.000
2.1397	7703	44.2801	25.613	37.00	41.250	1614.417	39.427	-5.206	28.324	4.612	7.213	31.496	33.975	5.5316	1.68128	0.00024	44.2803	250.000
2.1400	7704	44.2803	25.614	37.00	41.250	1614.619	39.432	-5.206	28.325	4.612	7.213	31.496	33.975	5.5316	1.68113	0.00024	44.2806	250.000
2.1403	7705	44.2806	25.614	37.00	41.250	1614.821	39.437	-5.206	28.326	4.612	7.213	31.496	33.975	5.5316	1.68098	0.00024	44.2808	250.000
2.1406	7706	44.2808	25.614	37.00	41.250	1615.023	39.442	-5.206	28.327	4.612	7.212	31.496	33.975	5.5316	1.68082	0.00024	44.2810	250.000
2.1408	7707	44.2810	25.614	37.00	41.250	1615.225	39.447	-5.206	28.328	4.612	7.212	31.496	33.975	5.5316	1.68067	0.00024	44.2813	250.000
2.1411	7708	44.2813	25.615	37.00	41.250	1615.427	39.452	-5.206	28.329	4.612	7.212	31.496	33.975	5.5316	1.68052	0.00024	44.2815	250.000
2.1414	7709	44.2815	25.615	37.00	41.250	1615.629	39.457	-5.206	28.330	4.613	7.212	31.496	33.975	5.5316	1.68037	0.00024	44.2818	250.000
2.1417	7710	44.2818	25.615	37.00	41.250	1615.831	39.462	-5.206	28.331	4.613	7.212	31.496	33.975	5.5316	1.68022	0.00024	44.2820	250.000
2.1419	7711	44.2820	25.615	37.00	41.250	1616.033	39.467	-5.206	28.332	4.613	7.212	31.496	33.975	5.5316	1.68006	0.00024	44.2822	250.000
2.1422	7712	44.2822	25.616	37.00	41.250	1616.235	39.472	-5.206	28.333	4.613	7.211	31.496	33.975	5.5316	1.67991	0.00024	44.2825	250.000
2.1425	7713	44.2825	25.616	37.00	41.250	1616.437	39.477	-5.206	28.334	4.613	7.211	31.496	33.975	5.5316	1.67976	0.00024	44.2827	250.000
2.1428	7714	44.2827	25.616	37.00	41.250	1616.639	39.482	-5.206	28.335	4.613	7.211	31.496	33.975	5.5316	1.67961	0.00024	44.2830	250.000
2.1431	7715	44.2830	25.616	37.00	41.250	1616.841	39.487	-5.206	28.336	4.613	7.211	31.496	33.975	5.5316	1.67946	0.00024	44.2832	250.000
2.1433	7716	44.2832	25.617	37.00	41.250	1617.043	39.491	-5.206	28.337	4.614	7.211	31.496	33.975	5.5316	1.67930	0.00024	44.2834	250.000
2.1436	7717	44.2834	25.617	37.00	41.250	1617.245	39.496	-5.206	28.337	4.614	7.211	31.496	33.975	5.5316	1.67915	0.00024	44.2837	250.000
2.1439	7718	44.2837	25.617	37.00	41.250	1617.447	39.501	-5.206	28.338	4.614	7.211	31.496	33.975	5.5316	1.67900	0.00024	44.2839	250.000
2.1442	7719	44.2839	25.617	37.00	41.250	1617.650	39.506	-5.206	28.339	4.614	7.210	31.496	33.975	5.5316	1.67885	0.00024	44.2842	250.000
2.1444	7720	44.2842	25.618	37.00	41.250	1617.852	39.511	-5.206	28.340	4.614	7.210	31.496	33.975	5.5316	1.67870	0.00024	44.2844	250.000
2.1447	7721	44.2844	25.618	37.00	41.250	1618.054	39.516	-5.206	28.341	4.614	7.210	31.496	33.975	5.5316	1.67854	0.00024	44.2846	250.000
2.1450	7722	44.2846	25.618	37.00	41.250	1618.256	39.521	-5.206	28.342	4.614	7.210	31.496	33.975	5.5316	1.67839	0.00024	44.2849	250.000
2.1453	7723	44.2849	25.618	37.00	41.250	1618.458	39.526	-5.206	28.343	4.615	7.210	31.496	33.975	5.5316	1.67824	0.00024	44.2851	250.000
2.1456	7724	44.2851	25.619	37.00	41.250	1618.660	39.531	-5.206	28.344	4.615	7.210	31.496	33.975	5.5316	1.67809	0.00024	44.2854	250.000
2.1458	7725	44.2854	25.619	37.00	41.250	1618.862	39.536	-5.206	28.345	4.615	7.209	31.496	33.975	5.5316	1.67794	0.00024	44.2856	250.000
2.1461	7726	44.2856	25.619	37.00	41.250	1619.064	39.541	-5.206	28.346	4.615	7.209	31.496	33.975	5.5316	1.67779	0.00024	44.2858	250.000
2.1464	7727	44.2858	25.619	37.00	41.250	1619.266	39.546	-5.206	28.347	4.615	7.209	31.496	33.975	5.5316	1.67763	0.00024	44.2861	250.000
2.1467	7728	44.2861	25.619	37.00	41.250	1619.468	39.551	-5.206	28.348	4.615	7.209	31.496	33.975	5.5316	1.67748	0.00024	44.2863	250.000
2.1469	7729	44.2863	25.620	37.00	41.250	1619.670	39.556	-5.206	28.349	4.616	7.209	31.496	33.975	5.5316	1.67733	0.00024	44.2866	250.000
2.1472	7730	44.2866	25.620	37.00	41.250	1619.872	39.561	-5.206	28.350	4.616	7.209	31.496	33.975	5.5316	1.67718	0.00024	44.2868	250.000
2.1475	7731	44.2868	25.620	37.00	41.250	1620.074	39.565	-5.206	28.351	4.616	7.209	31.496	33.975	5.5316	1.67703	0.00024	44.2870	250.000
2.1478	7732	44.2870	25.620	37.00	41.250	1620.276	39.570	-5.206	28.351	4.616	7.208	31.496	33.975	5.5316	1.67687	0.00024	44.2873	250.000
2.1481	7733	44.2873	25.621	37.00	41.250	1620.478	39.575	-5.206	28.352	4.616	7.208	31.496	33.975	5.5316	1.67672	0.00024	44.2875	250.000
2.1483	7734	44.2875	25.621	37.00	41.250	1620.680	39.580	-5.206	28.353	4.616	7.208	31.496	33.975	5.5316	1.67657	0.00024	44.2878	250.000
2.1486	7735	44.2878	25.621	37.00	41.250	1620.882	39.585	-5.206	28.354	4.616	7.208	31.496	33.975	5.5316	1.67642	0.00024	44.2880	250.000
2.1489	7736	44.2880	25.621	37.00	41.250	1621.084	39.590	-5.206	28.355	4.617	7.208	31.496	33.975	5.5316	1.67627	0.00024	44.2882	250.000
2.1492	7737	44.2882	25.622	37.00	41.250	1621.286	39.595	-5.206	28.356	4.617	7.208	31.496	33.975	5.5316	1.67612	0.00024	44.2885	250.000
2.1494	7738	44.2885	25.622	37.00	41.250	1621.488	39.600	-5.206	28.357	4.617	7.208	31.496	33.975	5.5316	1.67596	0.00024	44.2887	250.000
2.1497	7739	44.2887	25.622	37.00	41.250	1621.690	39.605	-5.206	28.358	4.617	7.207	31.496	33.975	5.5316	1.67581	0.00024	44.2890	250.000
2.1500	7740	44.2890	25.622	37.00	41.250	1621.892	39.610	-5.206	28.359	4.617	7.207	31.496	33.975	5.5316	1.67566	0.00024	44.2892	250.000
2.1503	7741	44.2892	25.623	37.00	41.250	1622.094	39.615	-5.206	28.360	4.617	7.207	31.496	33.975	5.5316	1.67551	0.00024	44.2894	250.000

2.1506	7742	44.2894	25.623	37.00	41.250	1622.296	39.620	-5.206	28.361	4.618	7.207	31.496	33.975	5.5316	1.67536	0.00024	44.2897	250.000
2.1508	7743	44.2897	25.623	37.00	41.250	1622.498	39.625	-5.206	28.362	4.618	7.207	31.496	33.975	5.5316	1.67521	0.00024	44.2899	250.000
2.1511	7744	44.2899	25.623	37.00	41.250	1622.700	39.630	-5.206	28.363	4.618	7.207	31.496	33.975	5.5316	1.67505	0.00024	44.2902	250.000
2.1514	7745	44.2902	25.624	37.00	41.250	1622.902	39.635	-5.206	28.364	4.618	7.206	31.496	33.975	5.5316	1.67490	0.00024	44.2904	250.000
2.1517	7746	44.2904	25.624	37.00	41.250	1623.104	39.639	-5.206	28.365	4.618	7.206	31.496	33.975	5.5316	1.67475	0.00024	44.2906	250.000
2.1519	7747	44.2906	25.624	37.00	41.250	1623.306	39.644	-5.206	28.365	4.618	7.206	31.496	33.975	5.5316	1.67460	0.00024	44.2909	250.000
2.1522	7748	44.2909	25.624	37.00	41.250	1623.508	39.649	-5.206	28.366	4.618	7.206	31.496	33.975	5.5316	1.67445	0.00024	44.2911	250.000
2.1525	7749	44.2911	25.624	37.00	41.250	1623.710	39.654	-5.206	28.367	4.619	7.206	31.496	33.975	5.5316	1.67430	0.00024	44.2913	250.000
2.1528	7750	44.2913	25.625	37.00	41.250	1623.912	39.659	-5.206	28.368	4.619	7.206	31.496	33.975	5.5316	1.67415	0.00024	44.2916	250.000
2.1531	7751	44.2916	25.625	37.00	41.250	1624.114	39.664	-5.206	28.369	4.619	7.206	31.496	33.975	5.5316	1.67399	0.00024	44.2918	250.000
2.1533	7752	44.2918	25.625	37.00	41.250	1624.317	39.669	-5.206	28.370	4.619	7.205	31.496	33.975	5.5316	1.67384	0.00024	44.2921	250.000
2.1536	7753	44.2921	25.625	37.00	41.250	1624.519	39.674	-5.206	28.371	4.619	7.205	31.496	33.975	5.5316	1.67369	0.00024	44.2923	250.000
2.1539	7754	44.2923	25.626	37.00	41.250	1624.721	39.679	-5.206	28.372	4.619	7.205	31.496	33.975	5.5316	1.67354	0.00024	44.2925	250.000
2.1542	7755	44.2925	25.626	37.00	41.250	1624.923	39.684	-5.206	28.373	4.619	7.205	31.496	33.975	5.5316	1.67339	0.00024	44.2928	250.000
2.1544	7756	44.2928	25.626	37.00	41.250	1625.125	39.689	-5.206	28.374	4.620	7.205	31.496	33.975	5.5316	1.67324	0.00024	44.2930	250.000
2.1547	7757	44.2930	25.626	37.00	41.250	1625.327	39.694	-5.206	28.375	4.620	7.205	31.496	33.975	5.5316	1.67308	0.00024	44.2933	250.000
2.1550	7758	44.2933	25.627	37.00	41.250	1625.529	39.699	-5.206	28.376	4.620	7.204	31.496	33.975	5.5316	1.67293	0.00024	44.2935	250.000
2.1553	7759	44.2935	25.627	37.00	41.250	1625.731	39.704	-5.206	28.377	4.620	7.204	31.496	33.975	5.5316	1.67278	0.00024	44.2937	250.000
2.1556	7760	44.2937	25.627	37.00	41.250	1625.933	39.709	-5.206	28.378	4.620	7.204	31.496	33.975	5.5316	1.67263	0.00024	44.2940	250.000
2.1558	7761	44.2940	25.627	37.00	41.250	1626.135	39.713	-5.206	28.378	4.620	7.204	31.496	33.975	5.5316	1.67248	0.00024	44.2942	250.000
2.1561	7762	44.2942	25.628	37.00	41.250	1626.337	39.718	-5.206	28.379	4.621	7.204	31.496	33.975	5.5316	1.67233	0.00024	44.2945	250.000
2.1564	7763	44.2945	25.628	37.00	41.250	1626.539	39.723	-5.206	28.380	4.621	7.204	31.496	33.975	5.5316	1.67218	0.00024	44.2947	250.000
2.1567	7764	44.2947	25.628	37.00	41.250	1626.741	39.728	-5.206	28.381	4.621	7.204	31.496	33.975	5.5316	1.67203	0.00024	44.2949	250.000
2.1569	7765	44.2949	25.628	37.00	41.250	1626.943	39.733	-5.206	28.382	4.621	7.203	31.496	33.975	5.5316	1.67187	0.00024	44.2952	250.000
2.1572	7766	44.2952	25.629	37.00	41.250	1627.145	39.738	-5.206	28.383	4.621	7.203	31.496	33.975	5.5316	1.67172	0.00024	44.2954	250.000
2.1575	7767	44.2954	25.629	37.00	41.250	1627.347	39.743	-5.206	28.384	4.621	7.203	31.496	33.975	5.5316	1.67157	0.00024	44.2957	250.000
2.1578	7768	44.2957	25.629	37.00	41.250	1627.549	39.748	-5.206	28.385	4.621	7.203	31.496	33.975	5.5316	1.67142	0.00024	44.2959	250.000
2.1581	7769	44.2959	25.629	37.00	41.250	1627.751	39.753	-5.206	28.386	4.622	7.203	31.496	33.975	5.5316	1.67127	0.00024	44.2961	250.000
2.1583	7770	44.2961	25.630	37.00	41.250	1627.953	39.758	-5.206	28.387	4.622	7.203	31.496	33.975	5.5316	1.67112	0.00024	44.2964	250.000
2.1586	7771	44.2964	25.630	37.00	41.250	1628.155	39.763	-5.206	28.388	4.622	7.203	31.496	33.975	5.5316	1.67097	0.00024	44.2966	250.000
2.1589	7772	44.2966	25.630	37.00	41.250	1628.357	39.768	-5.206	28.389	4.622	7.202	31.496	33.975	5.5316	1.67082	0.00024	44.2968	250.000
2.1592	7773	44.2968	25.630	37.00	41.250	1628.559	39.773	-5.206	28.390	4.622	7.202	31.496	33.975	5.5316	1.67066	0.00024	44.2971	250.000
2.1594	7774	44.2971	25.630	37.00	41.250	1628.761	39.778	-5.206	28.391	4.622	7.202	31.496	33.975	5.5316	1.67051	0.00024	44.2973	250.000
2.1597	7775	44.2973	25.631	37.00	41.250	1628.963	39.783	-5.206	28.391	4.623	7.202	31.496	33.975	5.5316	1.67036	0.00024	44.2976	250.000
2.1600	7776	44.2976	25.631	37.00	41.250	1629.165	39.787	-5.206	28.392	4.623	7.202	31.496	33.975	5.5316	1.67021	0.00024	44.2978	250.000
2.1603	7777	44.2978	25.631	37.00	41.250	1629.367	39.792	-5.206	28.393	4.623	7.202	31.496	33.975	5.5316	1.67006	0.00024	44.2980	250.000
2.1606	7778	44.2980	25.631	37.00	41.250	1629.569	39.797	-5.206	28.394	4.623	7.201	31.496	33.975	5.5316	1.66991	0.00024	44.2983	250.000
2.1608	7779	44.2983	25.632	37.00	41.250	1629.771	39.802	-5.206	28.395	4.623	7.201	31.496	33.975	5.5316	1.66976	0.00024	44.2985	250.000
2.1611	7780	44.2985	25.632	37.00	41.250	1629.973	39.807	-5.206	28.396	4.623	7.201	31.496	33.975	5.5316	1.66961	0.00024	44.2988	250.000
2.1614	7781	44.2988	25.632	37.00	41.250	1630.175	39.812	-5.206	28.397	4.623	7.201	31.496	33.975	5.5316	1.66945	0.00024	44.2990	250.000
2.1617	7782	44.2990	25.632	37.00	41.250	1630.377	39.817	-5.206	28.398	4.624	7.201	31.496	33.975	5.5316	1.66930	0.00024	44.2992	250.000
2.1619	7783	44.2992	25.633	37.00	41.250	1630.579	39.822	-5.206	28.399	4.624	7.201	31.496	33.975	5.5316	1.66915	0.00024	44.2995	250.000
2.1622	7784	44.2995	25.633	37.00	41.250	1630.781	39.827	-5.206	28.400	4.624	7.201	31.496	33.975	5.5316	1.66900	0.00024	44.2997	250.000
2.1625	7785	44.2997	25.633	37.00	41.250	1630.983	39.832	-5.206	28.401	4.624	7.200	31.496	33.975	5.5316	1.66885	0.00024	44.2999	250.000
2.1628	7786	44.2999	25.633	37.00	41.250	1631.186	39.837	-5.206	28.402	4.624	7.200	31.496	33.975	5.5316	1.66870	0.00024	44.3002	250.000
2.1631	7787	44.3002	25.634	37.00	41.250	1631.388	39.842	-5.206	28.403	4.624	7.200	31.496	33.975	5.5316	1.66855	0.00024	44.3004	250.000
2.1633	7788	44.3004	25.634	37.00	41.250	1631.590	39.847	-5.206	28.404	4.624	7.200	31.496	33.975	5.5316	1.66840	0.00024	44.3007	250.000
2.1636	7789	44.3007	25.634	37.00	41.250	1631.792	39.852	-5.206	28.404	4.625	7.200	31.496	33.975	5.5316	1.66825	0.00024	44.3009	250.000
2.1639	7790	44.3009	25.634	37.00	41.250	1631.994	39.857	-5.206	28.405	4.625	7.200	31.496	33.975	5.5316	1.66810	0.00024	44.3011	250.000
2.1642	7791	44.3011	25.635	37.00	41.250	1632.196	39.861	-5.206	28.406	4.625	7.199	31.496	33.975	5.5316	1.66794	0.00024	44.3014	250.000
2.1644	7792	44.3014	25.635	37.00	41.250	1632.398	39.866	-5.206	28.407	4.625	7.199	31.496	33.975	5.5316	1.66779	0.00024	44.3016	250.000
2.1647	7793	44.3016	25.635	37.00	41.250	1632.600	39.871	-5.206	28.408	4.625	7.199	31.496	33.975	5.5316	1.66764	0.00024	44.3019	250.000
2.1650	7794	44.3019	25.635	37.00	41.250	1632.802	39.876	-5.206	28.409	4.625	7.199	31.496	33.975	5.5316	1.66749	0.00024	44.3021	250.000
2.1653	7795	44.3021	25.635	37.00	41.250	1633.004	39.881	-5.206	28.410	4.626	7.199	31.496	33.975	5.5316	1.66734	0.00024	44.3023	250.000
2.1656	7796	44.3023	25.636	37.00	41.250	1633.206	39.886	-5.206	28.411	4.626	7.199	31.496	33.975	5.5316	1.66719	0.00024	44.3026	250.000
2.1658	7797	44.3026	25.636	37.00	41.250	1633.408	39.891	-5.206	28.412	4.626	7.199	31.496	33.975	5.5316	1.66704	0.00024	44.3028	250.000
2.1661	7798	44.3028	25.636	37.00	41.250	1633.610	39.896	-5.206	28.413	4.626	7.198	31.496	33.975	5.5316	1.66689	0.00024	44.3030	250.000
2.1664	7799	44.3030	25.636	37.00	41.250	1633.812	39.901	-5.206	28.414	4.626	7.198	31.496	33.975	5.5316	1.66674	0.00024	44.3033	250.000
2.1667	7800	44.3033	25.637	37.00	41.250	1634.014	39.906	-5.206	28.415	4.626	7.198	31.496	33.975	5.5316	1.66659	0.00024	44.3035	250.000
2.1669	7801	44.3035	25.637	37.00	41.250	1634.216	39.911	-5.206	28.416	4.626	7.198	31.496	33.975	5.5316	1.66644	0.00024	44.3038	250.000
2.1672	7802	44.3038	25.637	37.00	41.250	1634.418	39.916	-5.206	28.417	4.627	7.198	31.496	33.975	5.5316	1.66629	0.00024	44.3040	250.000
2.1675	7803	44.3040	25.637	37.00	41.250	1634.620	39.921	-5.206	28.417	4.627	7.198	31.496	33.975	5.5316	1.66613	0.00024	44.3042	250.000
2.1678	7804	44.3042	25.638	37.00	41.250	1634.822	39.926	-5.206	28.418	4.627	7.198	31.496	33.975	5.5316	1.66598	0.00024	44.3045	250.000
2.1681	7805	44.3045	25.638	37.00	41.250	1635.024	39.931	-5.206	28.419	4.627	7.197	31.496	33.975	5.5316	1.66583	0.00024	44.3047	250.000
2.1683	7806	44.3047	25.638	37.00	41.250	1635.226	39.936	-5.206	28.420	4.627	7.197	31.496	33.975	5.5316	1.66568	0.00024	44.3049	250.000
2.1686	7807	44.3049	25.638	37.00	41.250	1635.428	39.940	-5.206	28.421	4.627	7.197	31.496	33.975	5.5316	1.66553	0.00024	44.3052	250.000
2.1689	7808	44.3052	25.639	37.00	41.250	1635.630	39.945	-5.206	28.422	4.627	7.197	31.496	33.975	5.5316	1.66538	0.00024	44.3054	250.000
2.1692	7809	44.3054	25.639	37.00	41.250	1635.832	39.950	-5.206	28.423	4.628	7.197	31.496	33.975	5.5316	1.66523	0.00024	44.3057	250.000
2.1694	7810	44.3057	25.639	37.00	41.250	1636.034	39.955	-5.206	28.424	4.628	7.197	31.496	33.975	5.5316	1.66508	0.00024	44.3059	250.000
2.1697	7811	44.3059	25.639	37.00	41.250	1636.236	39.960	-5.206	28.425	4.628	7.196	31.496	33.975	5.5316	1.66493	0.00024	44.3061	250.000
2.1700	7812	44.3061	25.640	37.00	41.250	1636.438	39.965	-5.206	28.426	4.628	7.196	31.496	33.975	5.5316	1.66478	0.00024	44.3064	250.000
2.1703	7813	44.3064	25.640	37.00	41.250	1636.640	39.970	-5.206	28.427	4.628	7.196	31.496	33.975	5.5316	1.66463	0.00024	44.3066	250.000
2.1706	7814	44.3066	25.640	37.00	41.250	1636.842	39.975	-5.206	28.428	4.628	7.196	31.496	33.975	5.5316	1.66448	0.00024	44.3069	250.000
2.1708	7815	44.3069	25.640	37.00	41.250	1637.044	39.980	-5.206	28.429	4.629	7.196	31.496	33.975	5.5316	1.66433	0.00024	44.3071	250.000
2.1711	7816	44.3071	25.640	37.00	41.250	1637.246	39.985	-5.206	28.429	4.629	7.196	31.496	33.975	5.5316	1.66418	0.00024	44.3073	250.000
2.1714	7817	44.3073	25.641	37.00	41.250	1637.448	39.990	-5.206	28.430	4.629	7.196	31.496	33.975	5.5316	1.66402	0.00024	44.3076	250.000
2.1717	7818	44.3076	25.641	37.00	41.250	1637.650	39.995	-5.206	28.431	4.629	7.195	31.496	33.975	5.5316	1.66387	0.00024	44.3078	250.000
2.1719	7819	44.3078	25.641	37.00	41.250	1637.853	40.000	-5.206	28.432	4.629	7.195	31.496	33.975	5.5316	1.66372	0.00024	44.3080	250.000
2.1722	7820	44.3080	25.641	37.00	41.250	1638.055	40.005	-5.206	28.433	4.629	7.195	31.496	33.975	5.5316	1.66357	0.00024	44.3083	250.000
2.1725	7821	44.3083	25.642	37.00	41.250	1638.257	40.010	-5.206	28.434	4.629	7.195	31.496	33.975	5.5316	1.66342	0.00024	44.3085	250.000
2.1728	7822	44.3085	25.642	37.00	41.250	1638.459	40.014	-5.206	28.435	4.630	7.195	31.496	33.975	5.5316	1.66327	0.00024	44.3088	250.000

2.1731	7823	44.3088	25.642	37.00	41.250	1638.661	40.019	-5.206	28.436	4.630	7.195	31.496	33.975	5.5316	1.66312	0.00024	44.3090	250.000
2.1733	7824	44.3090	25.642	37.00	41.250	1638.863	40.024	-5.206	28.437	4.630	7.195	31.496	33.975	5.5316	1.66297	0.00024	44.3092	250.000
2.1736	7825	44.3092	25.643	37.00	41.250	1639.065	40.029	-5.206	28.438	4.630	7.194	31.496	33.975	5.5316	1.66282	0.00024	44.3095	250.000
2.1739	7826	44.3095	25.643	37.00	41.250	1639.267	40.034	-5.206	28.439	4.630	7.194	31.496	33.975	5.5316	1.66267	0.00024	44.3097	250.000
2.1742	7827	44.3097	25.643	37.00	41.250	1639.469	40.039	-5.206	28.440	4.630	7.194	31.496	33.975	5.5316	1.66252	0.00024	44.3099	250.000
2.1744	7828	44.3099	25.643	37.00	41.250	1639.671	40.044	-5.206	28.441	4.631	7.194	31.496	33.975	5.5316	1.66237	0.00024	44.3102	250.000
2.1747	7829	44.3102	25.644	37.00	41.250	1639.873	40.049	-5.206	28.441	4.631	7.194	31.496	33.975	5.5316	1.66222	0.00024	44.3104	250.000
2.1750	7830	44.3104	25.644	37.00	41.250	1640.075	40.054	-5.206	28.442	4.631	7.194	31.496	33.975	5.5316	1.66207	0.00024	44.3107	250.000
2.1753	7831	44.3107	25.644	37.00	41.250	1640.277	40.059	-5.206	28.443	4.631	7.193	31.496	33.975	5.5316	1.66192	0.00024	44.3109	250.000
2.1756	7832	44.3109	25.644	37.00	41.250	1640.479	40.064	-5.206	28.444	4.631	7.193	31.496	33.975	5.5316	1.66177	0.00024	44.3111	250.000
2.1758	7833	44.3111	25.645	37.00	41.250	1640.681	40.069	-5.206	28.445	4.631	7.193	31.496	33.975	5.5316	1.66162	0.00024	44.3114	250.000
2.1761	7834	44.3114	25.645	37.00	41.250	1640.883	40.074	-5.206	28.446	4.631	7.193	31.496	33.975	5.5316	1.66147	0.00024	44.3116	250.000
2.1764	7835	44.3116	25.645	37.00	41.250	1641.085	40.079	-5.206	28.447	4.632	7.193	31.496	33.975	5.5316	1.66132	0.00024	44.3118	250.000
2.1767	7836	44.3118	25.645	37.00	41.250	1641.287	40.084	-5.206	28.448	4.632	7.193	31.496	33.975	5.5316	1.66117	0.00024	44.3121	250.000
2.1769	7837	44.3121	25.645	37.00	41.250	1641.489	40.088	-5.206	28.449	4.632	7.193	31.496	33.975	5.5316	1.66102	0.00024	44.3123	250.000
2.1772	7838	44.3123	25.646	37.00	41.250	1641.691	40.093	-5.206	28.450	4.632	7.192	31.496	33.975	5.5316	1.66087	0.00024	44.3126	250.000
2.1775	7839	44.3126	25.646	37.00	41.250	1641.893	40.098	-5.206	28.451	4.632	7.192	31.496	33.975	5.5316	1.66072	0.00024	44.3128	250.000
2.1778	7840	44.3128	25.646	37.00	41.250	1642.095	40.103	-5.206	28.452	4.632	7.192	31.496	33.975	5.5316	1.66056	0.00024	44.3130	250.000
2.1781	7841	44.3130	25.646	37.00	41.250	1642.297	40.108	-5.206	28.453	4.632	7.192	31.496	33.975	5.5316	1.66041	0.00024	44.3133	250.000
2.1783	7842	44.3133	25.647	37.00	41.250	1642.499	40.113	-5.206	28.454	4.633	7.192	31.496	33.975	5.5316	1.66026	0.00024	44.3135	250.000
2.1786	7843	44.3135	25.647	37.00	41.250	1642.701	40.118	-5.206	28.454	4.633	7.192	31.496	33.975	5.5316	1.66011	0.00024	44.3137	250.000
2.1789	7844	44.3137	25.647	37.00	41.250	1642.903	40.123	-5.206	28.455	4.633	7.192	31.496	33.975	5.5316	1.65996	0.00024	44.3140	250.000
2.1792	7845	44.3140	25.647	37.00	41.250	1643.105	40.128	-5.206	28.456	4.633	7.191	31.496	33.975	5.5316	1.65981	0.00024	44.3142	250.000
2.1794	7846	44.3142	25.648	37.00	41.250	1643.307	40.133	-5.206	28.457	4.633	7.191	31.496	33.975	5.5316	1.65966	0.00024	44.3144	250.000
2.1797	7847	44.3144	25.648	37.00	41.250	1643.509	40.138	-5.206	28.458	4.633	7.191	31.496	33.975	5.5316	1.65951	0.00024	44.3147	250.000
2.1800	7848	44.3147	25.648	37.00	41.250	1643.711	40.143	-5.206	28.459	4.634	7.191	31.496	33.975	5.5316	1.65936	0.00024	44.3149	250.000
2.1803	7849	44.3149	25.648	37.00	41.250	1643.913	40.148	-5.206	28.460	4.634	7.191	31.496	33.975	5.5316	1.65921	0.00024	44.3152	250.000
2.1806	7850	44.3152	25.649	37.00	41.250	1644.115	40.153	-5.206	28.461	4.634	7.191	31.496	33.975	5.5316	1.65906	0.00024	44.3154	250.000
2.1808	7851	44.3154	25.649	37.00	41.250	1644.317	40.158	-5.206	28.462	4.634	7.190	31.496	33.975	5.5316	1.65891	0.00024	44.3156	250.000
2.1811	7852	44.3156	25.649	37.00	41.250	1644.520	40.162	-5.206	28.463	4.634	7.190	31.496	33.975	5.5316	1.65876	0.00024	44.3159	250.000
2.1814	7853	44.3159	25.649	37.00	41.250	1644.722	40.167	-5.206	28.464	4.634	7.190	31.496	33.975	5.5316	1.65861	0.00024	44.3161	250.000
2.1817	7854	44.3161	25.649	37.00	41.250	1644.924	40.172	-5.206	28.465	4.634	7.190	31.496	33.975	5.5316	1.65846	0.00024	44.3163	250.000
2.1819	7855	44.3163	25.650	37.00	41.250	1645.126	40.177	-5.206	28.465	4.635	7.190	31.496	33.975	5.5316	1.65831	0.00024	44.3166	250.000
2.1822	7856	44.3166	25.650	37.00	41.250	1645.328	40.182	-5.206	28.466	4.635	7.190	31.496	33.975	5.5316	1.65816	0.00024	44.3168	250.000
2.1825	7857	44.3168	25.650	37.00	41.250	1645.530	40.187	-5.206	28.467	4.635	7.190	31.496	33.975	5.5316	1.65801	0.00024	44.3171	250.000
2.1828	7858	44.3171	25.650	37.00	41.250	1645.732	40.192	-5.206	28.468	4.635	7.189	31.496	33.975	5.5316	1.65786	0.00024	44.3173	250.000
2.1831	7859	44.3173	25.651	37.00	41.250	1645.934	40.197	-5.206	28.469	4.635	7.189	31.496	33.975	5.5316	1.65771	0.00024	44.3175	250.000
2.1833	7860	44.3175	25.651	37.00	41.250	1646.136	40.202	-5.206	28.470	4.635	7.189	31.496	33.975	5.5316	1.65756	0.00024	44.3178	250.000
2.1836	7861	44.3178	25.651	37.00	41.250	1646.338	40.207	-5.206	28.471	4.635	7.189	31.496	33.975	5.5316	1.65741	0.00024	44.3180	250.000
2.1839	7862	44.3180	25.651	37.00	41.250	1646.540	40.212	-5.206	28.472	4.636	7.189	31.496	33.975	5.5316	1.65726	0.00024	44.3182	250.000
2.1842	7863	44.3182	25.652	37.00	41.250	1646.742	40.217	-5.206	28.473	4.636	7.189	31.496	33.975	5.5316	1.65711	0.00024	44.3185	250.000
2.1844	7864	44.3185	25.652	37.00	41.250	1646.944	40.222	-5.206	28.474	4.636	7.189	31.496	33.975	5.5316	1.65696	0.00024	44.3187	250.000
2.1847	7865	44.3187	25.652	37.00	41.250	1647.146	40.227	-5.206	28.475	4.636	7.188	31.496	33.975	5.5316	1.65681	0.00024	44.3189	250.000
2.1850	7866	44.3189	25.652	37.00	41.250	1647.348	40.232	-5.206	28.476	4.636	7.188	31.496	33.975	5.5316	1.65666	0.00024	44.3192	250.000
2.1853	7867	44.3192	25.653	37.00	41.250	1647.550	40.236	-5.206	28.477	4.636	7.188	31.496	33.975	5.5316	1.65651	0.00024	44.3194	250.000
2.1856	7868	44.3194	25.653	37.00	41.250	1647.752	40.241	-5.206	28.477	4.637	7.188	31.496	33.975	5.5316	1.65636	0.00024	44.3197	250.000
2.1858	7869	44.3197	25.653	37.00	41.250	1647.954	40.246	-5.206	28.478	4.637	7.188	31.496	33.975	5.5316	1.65621	0.00024	44.3199	250.000
2.1861	7870	44.3199	25.653	37.00	41.250	1648.156	40.251	-5.206	28.479	4.637	7.188	31.496	33.975	5.5316	1.65606	0.00024	44.3201	250.000
2.1864	7871	44.3201	25.654	37.00	41.250	1648.358	40.256	-5.206	28.480	4.637	7.187	31.496	33.975	5.5316	1.65591	0.00024	44.3204	250.000
2.1867	7872	44.3204	25.654	37.00	41.250	1648.560	40.261	-5.206	28.481	4.637	7.187	31.496	33.975	5.5316	1.65576	0.00024	44.3206	250.000
2.1869	7873	44.3206	25.654	37.00	41.250	1648.762	40.266	-5.206	28.482	4.637	7.187	31.496	33.975	5.5316	1.65561	0.00024	44.3208	250.000
2.1872	7874	44.3208	25.654	37.00	41.250	1648.964	40.271	-5.206	28.483	4.637	7.187	31.496	33.975	5.5316	1.65546	0.00024	44.3211	250.000
2.1875	7875	44.3211	25.654	37.00	41.250	1649.166	40.276	-5.206	28.484	4.638	7.187	31.496	33.975	5.5316	1.65531	0.00024	44.3213	250.000
2.1878	7876	44.3213	25.655	37.00	41.250	1649.368	40.281	-5.206	28.485	4.638	7.187	31.496	33.975	5.5316	1.65516	0.00024	44.3216	250.000
2.1881	7877	44.3216	25.655	37.00	41.250	1649.570	40.286	-5.206	28.486	4.638	7.187	31.496	33.975	5.5316	1.65501	0.00024	44.3218	250.000
2.1883	7878	44.3218	25.655	37.00	41.250	1649.772	40.291	-5.206	28.487	4.638	7.186	31.496	33.975	5.5316	1.65486	0.00024	44.3220	250.000
2.1886	7879	44.3220	25.655	37.00	41.250	1649.974	40.296	-5.206	28.488	4.638	7.186	31.496	33.975	5.5316	1.65471	0.00024	44.3223	250.000
2.1889	7880	44.3223	25.656	37.00	41.250	1650.176	40.301	-5.206	28.489	4.638	7.186	31.496	33.975	5.5316	1.65456	0.00024	44.3225	250.000
2.1892	7881	44.3225	25.656	37.00	41.250	1650.378	40.306	-5.206	28.489	4.638	7.186	31.496	33.975	5.5316	1.65441	0.00024	44.3227	250.000
2.1894	7882	44.3227	25.656	37.00	41.250	1650.580	40.310	-5.206	28.490	4.639	7.186	31.496	33.975	5.5316	1.65427	0.00024	44.3230	250.000
2.1897	7883	44.3230	25.656	37.00	41.250	1650.782	40.315	-5.206	28.491	4.639	7.186	31.496	33.975	5.5316	1.65412	0.00024	44.3232	250.000
2.1900	7884	44.3232	25.657	37.00	41.250	1650.984	40.320	-5.206	28.492	4.639	7.186	31.496	33.975	5.5316	1.65397	0.00024	44.3234	250.000
2.1903	7885	44.3234	25.657	37.00	41.250	1651.186	40.325	-5.206	28.493	4.639	7.185	31.496	33.975	5.5316	1.65382	0.00024	44.3237	250.000
2.1906	7886	44.3237	25.657	37.00	41.250	1651.389	40.330	-5.206	28.494	4.639	7.185	31.496	33.975	5.5316	1.65367	0.00024	44.3239	250.000
2.1908	7887	44.3239	25.657	37.00	41.250	1651.591	40.335	-5.206	28.495	4.639	7.185	31.496	33.975	5.5316	1.65352	0.00024	44.3242	250.000
2.1911	7888	44.3242	25.658	37.00	41.250	1651.793	40.340	-5.206	28.496	4.640	7.185	31.496	33.975	5.5316	1.65337	0.00024	44.3244	250.000
2.1914	7889	44.3244	25.658	37.00	41.250	1651.995	40.345	-5.206	28.497	4.640	7.185	31.496	33.975	5.5316	1.65322	0.00024	44.3246	250.000
2.1917	7890	44.3246	25.658	37.00	41.250	1652.197	40.350	-5.206	28.498	4.640	7.185	31.496	33.975	5.5316	1.65307	0.00024	44.3249	250.000
2.1919	7891	44.3249	25.658	37.00	41.250	1652.399	40.355	-5.206	28.499	4.640	7.184	31.496	33.975	5.5316	1.65292	0.00024	44.3251	250.000
2.1922	7892	44.3251	25.658	37.00	41.250	1652.601	40.360	-5.206	28.500	4.640	7.184	31.496	33.975	5.5316	1.65277	0.00024	44.3253	250.000
2.1925	7893	44.3253	25.659	37.00	41.250	1652.803	40.365	-5.206	28.500	4.640	7.184	31.496	33.975	5.5316	1.65262	0.00024	44.3256	250.000
2.1928	7894	44.3256	25.659	37.00	41.250	1653.005	40.370	-5.206	28.501	4.640	7.184	31.496	33.975	5.5316	1.65247	0.00024	44.3258	250.000
2.1931	7895	44.3258	25.659	37.00	41.250	1653.207	40.375	-5.206	28.502	4.641	7.184	31.496	33.975	5.5316	1.65232	0.00024	44.3260	250.000
2.1933	7896	44.3260	25.659	37.00	41.250	1653.409	40.380	-5.206	28.503	4.641	7.184	31.496	33.975	5.5316	1.65217	0.00024	44.3263	250.000
2.1936	7897	44.3263	25.660	37.00	41.250	1653.611	40.384	-5.206	28.504	4.641	7.184	31.496	33.975	5.5316	1.65202	0.00024	44.3265	250.000
2.1939	7898	44.3265	25.660	37.00	41.250	1653.813	40.389	-5.206	28.505	4.641	7.183	31.496	33.975	5.5316	1.65187	0.00024	44.3267	250.000
2.1942	7899	44.3267	25.660	37.00	41.250	1654.015	40.394	-5.206	28.506	4.641	7.183	31.496	33.975	5.5316	1.65172	0.00024	44.3270	250.000
2.1944	7900	44.3270	25.660	37.00	41.250	1654.217	40.399	-5.206	28.507	4.641	7.183	31.496	33.975	5.5316	1.65157	0.00024	44.3272	250.000
2.1947	7901	44.3272	25.661	37.00	41.250	1654.419	40.404	-5.206	28.508	4.641	7.183	31.496	33.975	5.5316	1.65142	0.00024	44.3275	250.000
2.1950	7902	44.3275	25.661	37.00	41.250	1654.621	40.409	-5.206	28.509	4.642	7.183	31.496	33.975	5.5316	1.65127	0.00024	44.3277	250.000
2.1953	7903	44.3277	25.661	37.00	41.250	1654.823	40.414	-5.206	28.510	4.642	7.183	31.496	33.975	5.5316	1.65112	0.00024	44.3279	250.000

2.1956	7904	44.3279	25.661	37.00	41.250	1655.025	40.419	-5.206	28.511	4.642	7.183	31.496	33.975	5.5316	1.65097	0.00024	44.3282	250.000
2.1958	7905	44.3282	25.662	37.00	41.250	1655.227	40.424	-5.206	28.511	4.642	7.182	31.496	33.975	5.5316	1.65083	0.00024	44.3284	250.000
2.1961	7906	44.3284	25.662	37.00	41.250	1655.429	40.429	-5.206	28.512	4.642	7.182	31.496	33.975	5.5316	1.65068	0.00024	44.3286	250.000
2.1964	7907	44.3286	25.662	37.00	41.250	1655.631	40.434	-5.206	28.513	4.642	7.182	31.496	33.975	5.5316	1.65053	0.00024	44.3289	250.000
2.1967	7908	44.3289	25.662	37.00	41.250	1655.833	40.439	-5.206	28.514	4.642	7.182	31.496	33.975	5.5316	1.65038	0.00024	44.3291	250.000
2.1969	7909	44.3291	25.662	37.00	41.250	1656.035	40.444	-5.206	28.515	4.643	7.182	31.496	33.975	5.5316	1.65023	0.00024	44.3293	250.000
2.1972	7910	44.3293	25.663	37.00	41.250	1656.237	40.449	-5.206	28.516	4.643	7.182	31.496	33.975	5.5316	1.65008	0.00024	44.3296	250.000
2.1975	7911	44.3296	25.663	37.00	41.250	1656.439	40.454	-5.206	28.517	4.643	7.181	31.496	33.975	5.5316	1.64993	0.00024	44.3298	250.000
2.1978	7912	44.3298	25.663	37.00	41.250	1656.641	40.459	-5.206	28.518	4.643	7.181	31.496	33.975	5.5316	1.64978	0.00024	44.3300	250.000
2.1981	7913	44.3300	25.663	37.00	41.250	1656.843	40.463	-5.206	28.519	4.643	7.181	31.496	33.975	5.5316	1.64963	0.00024	44.3303	250.000
2.1983	7914	44.3303	25.664	37.00	41.250	1657.045	40.468	-5.206	28.520	4.643	7.181	31.496	33.975	5.5316	1.64948	0.00024	44.3305	250.000
2.1986	7915	44.3305	25.664	37.00	41.250	1657.247	40.473	-5.206	28.521	4.644	7.181	31.496	33.975	5.5316	1.64933	0.00024	44.3308	250.000
2.1989	7916	44.3308	25.664	37.00	41.250	1657.449	40.478	-5.206	28.522	4.644	7.181	31.496	33.975	5.5316	1.64918	0.00024	44.3310	250.000
2.1992	7917	44.3310	25.664	37.00	41.250	1657.651	40.483	-5.206	28.522	4.644	7.181	31.496	33.975	5.5316	1.64903	0.00024	44.3312	250.000
2.1994	7918	44.3312	25.665	37.00	41.250	1657.853	40.488	-5.206	28.523	4.644	7.180	31.496	33.975	5.5316	1.64888	0.00024	44.3315	250.000
2.1997	7919	44.3315	25.665	37.00	41.250	1658.056	40.493	-5.206	28.524	4.644	7.180	31.496	33.975	5.5316	1.64874	0.00024	44.3317	250.000
2.2000	7920	44.3317	25.665	37.00	41.250	1658.258	40.498	-5.206	28.525	4.644	7.180	31.496	33.975	5.5316	1.64859	0.00024	44.3319	250.000
2.2003	7921	44.3319	25.665	37.00	41.250	1658.460	40.503	-5.206	28.526	4.644	7.180	31.496	33.975	5.5316	1.64844	0.00024	44.3322	250.000
2.2006	7922	44.3322	25.666	37.00	41.250	1658.662	40.508	-5.206	28.527	4.645	7.180	31.496	33.975	5.5316	1.64829	0.00024	44.3324	250.000
2.2008	7923	44.3324	25.666	37.00	41.250	1658.864	40.513	-5.206	28.528	4.645	7.180	31.496	33.975	5.5316	1.64814	0.00024	44.3326	250.000
2.2011	7924	44.3326	25.666	37.00	41.250	1659.066	40.518	-5.206	28.529	4.645	7.180	31.496	33.975	5.5316	1.64799	0.00024	44.3329	250.000
2.2014	7925	44.3329	25.666	37.00	41.250	1659.268	40.523	-5.206	28.530	4.645	7.179	31.496	33.975	5.5316	1.64784	0.00024	44.3331	250.000
2.2017	7926	44.3331	25.666	37.00	41.250	1659.470	40.528	-5.206	28.531	4.645	7.179	31.496	33.975	5.5316	1.64769	0.00024	44.3333	250.000
2.2019	7927	44.3333	25.667	37.00	41.250	1659.672	40.533	-5.206	28.532	4.645	7.179	31.496	33.975	5.5316	1.64754	0.00024	44.3336	250.000
2.2022	7928	44.3336	25.667	37.00	41.250	1659.874	40.537	-5.206	28.533	4.645	7.179	31.496	33.975	5.5316	1.64739	0.00024	44.3338	250.000
2.2025	7929	44.3338	25.667	37.00	41.250	1660.076	40.542	-5.206	28.533	4.646	7.179	31.496	33.975	5.5316	1.64724	0.00024	44.3341	250.000
2.2028	7930	44.3341	25.667	37.00	41.250	1660.278	40.547	-5.206	28.534	4.646	7.179	31.496	33.975	5.5316	1.64709	0.00024	44.3343	250.000
2.2031	7931	44.3343	25.668	37.00	41.250	1660.480	40.552	-5.206	28.535	4.646	7.178	31.496	33.975	5.5316	1.64695	0.00024	44.3345	250.000
2.2033	7932	44.3345	25.668	37.00	41.250	1660.682	40.557	-5.206	28.536	4.646	7.178	31.496	33.975	5.5316	1.64680	0.00024	44.3348	250.000
2.2036	7933	44.3348	25.668	37.00	41.250	1660.884	40.562	-5.206	28.537	4.646	7.178	31.496	33.975	5.5316	1.64665	0.00024	44.3350	250.000
2.2039	7934	44.3350	25.668	37.00	41.250	1661.086	40.567	-5.206	28.538	4.646	7.178	31.496	33.975	5.5316	1.64650	0.00024	44.3352	250.000
2.2042	7935	44.3352	25.669	37.00	41.250	1661.288	40.572	-5.206	28.539	4.647	7.178	31.496	33.975	5.5316	1.64635	0.00024	44.3355	250.000
2.2044	7936	44.3355	25.669	37.00	41.250	1661.490	40.577	-5.206	28.540	4.647	7.178	31.496	33.975	5.5316	1.64620	0.00024	44.3357	250.000
2.2047	7937	44.3357	25.669	37.00	41.250	1661.692	40.582	-5.206	28.541	4.647	7.178	31.496	33.975	5.5316	1.64605	0.00024	44.3359	250.000
2.2050	7938	44.3359	25.669	37.00	41.250	1661.894	40.587	-5.206	28.542	4.647	7.177	31.496	33.975	5.5316	1.64590	0.00024	44.3362	250.000
2.2053	7939	44.3362	25.670	37.00	41.250	1662.096	40.592	-5.206	28.543	4.647	7.177	31.496	33.975	5.5316	1.64575	0.00024	44.3364	250.000
2.2056	7940	44.3364	25.670	37.00	41.250	1662.298	40.597	-5.206	28.544	4.647	7.177	31.496	33.975	5.5316	1.64561	0.00024	44.3366	250.000
2.2058	7941	44.3366	25.670	37.00	41.250	1662.500	40.602	-5.206	28.544	4.647	7.177	31.496	33.975	5.5316	1.64546	0.00024	44.3369	250.000
2.2061	7942	44.3369	25.670	37.00	41.250	1662.702	40.607	-5.206	28.545	4.648	7.177	31.496	33.975	5.5316	1.64531	0.00024	44.3371	250.000
2.2064	7943	44.3371	25.670	37.00	41.250	1662.904	40.611	-5.206	28.546	4.648	7.177	31.496	33.975	5.5316	1.64516	0.00024	44.3373	250.000
2.2067	7944	44.3373	25.671	37.00	41.250	1663.106	40.616	-5.206	28.547	4.648	7.177	31.496	33.975	5.5316	1.64501	0.00024	44.3376	250.000
2.2069	7945	44.3376	25.671	37.00	41.250	1663.308	40.621	-5.206	28.548	4.648	7.176	31.496	33.975	5.5316	1.64486	0.00023	44.3378	250.000
2.2072	7946	44.3378	25.671	37.00	41.250	1663.510	40.626	-5.206	28.549	4.648	7.176	31.496	33.975	5.5316	1.64471	0.00023	44.3380	250.000
2.2075	7947	44.3380	25.671	37.00	41.250	1663.712	40.631	-5.206	28.550	4.648	7.176	31.496	33.975	5.5316	1.64456	0.00023	44.3383	250.000
2.2078	7948	44.3383	25.672	37.00	41.250	1663.914	40.636	-5.206	28.551	4.648	7.176	31.496	33.975	5.5316	1.64441	0.00023	44.3385	250.000
2.2081	7949	44.3385	25.672	37.00	41.250	1664.116	40.641	-5.206	28.552	4.649	7.176	31.496	33.975	5.5316	1.64427	0.00023	44.3388	250.000
2.2083	7950	44.3388	25.672	37.00	41.250	1664.318	40.646	-5.206	28.553	4.649	7.176	31.496	33.975	5.5316	1.64412	0.00023	44.3390	250.000
2.2086	7951	44.3390	25.672	37.00	41.250	1664.520	40.651	-5.206	28.554	4.649	7.176	31.496	33.975	5.5316	1.64397	0.00023	44.3392	250.000
2.2089	7952	44.3392	25.673	37.00	41.250	1664.722	40.656	-5.206	28.555	4.649	7.175	31.496	33.975	5.5316	1.64382	0.00023	44.3395	250.000
2.2092	7953	44.3395	25.673	37.00	41.250	1664.925	40.661	-5.206	28.555	4.649	7.175	31.496	33.975	5.5316	1.64367	0.00023	44.3397	250.000
2.2094	7954	44.3397	25.673	37.00	41.250	1665.127	40.666	-5.206	28.556	4.649	7.175	31.496	33.975	5.5316	1.64352	0.00023	44.3399	250.000
2.2097	7955	44.3399	25.673	37.00	41.250	1665.329	40.671	-5.206	28.557	4.650	7.175	31.496	33.975	5.5316	1.64337	0.00023	44.3402	250.000
2.2100	7956	44.3402	25.674	37.00	41.250	1665.531	40.676	-5.206	28.558	4.650	7.175	31.496	33.975	5.5316	1.64322	0.00023	44.3404	250.000
2.2103	7957	44.3404	25.674	37.00	41.250	1665.733	40.681	-5.206	28.559	4.650	7.175	31.496	33.975	5.5316	1.64308	0.00023	44.3406	250.000
2.2106	7958	44.3406	25.674	37.00	41.250	1665.935	40.685	-5.206	28.560	4.650	7.174	31.496	33.975	5.5316	1.64293	0.00023	44.3409	250.000
2.2108	7959	44.3409	25.674	37.00	41.250	1666.137	40.690	-5.206	28.561	4.650	7.174	31.496	33.975	5.5316	1.64278	0.00023	44.3411	250.000
2.2111	7960	44.3411	25.674	37.00	41.250	1666.339	40.695	-5.206	28.562	4.650	7.174	31.496	33.975	5.5316	1.64263	0.00023	44.3413	250.000
2.2114	7961	44.3413	25.675	37.00	41.250	1666.541	40.700	-5.206	28.563	4.650	7.174	31.496	33.975	5.5316	1.64248	0.00023	44.3416	250.000
2.2117	7962	44.3416	25.675	37.00	41.250	1666.743	40.705	-5.206	28.564	4.651	7.174	31.496	33.975	5.5316	1.64233	0.00023	44.3418	250.000
2.2119	7963	44.3418	25.675	37.00	41.250	1666.945	40.710	-5.206	28.565	4.651	7.174	31.496	33.975	5.5316	1.64218	0.00023	44.3420	250.000
2.2122	7964	44.3420	25.675	37.00	41.250	1667.147	40.715	-5.206	28.565	4.651	7.174	31.496	33.975	5.5316	1.64203	0.00023	44.3423	250.000
2.2125	7965	44.3423	25.676	37.00	41.250	1667.349	40.720	-5.206	28.566	4.651	7.173	31.496	33.975	5.5316	1.64189	0.00023	44.3425	250.000
2.2128	7966	44.3425	25.676	37.00	41.250	1667.551	40.725	-5.206	28.567	4.651	7.173	31.496	33.975	5.5316	1.64174	0.00023	44.3427	250.000
2.2131	7967	44.3427	25.676	37.00	41.250	1667.753	40.730	-5.206	28.568	4.651	7.173	31.496	33.975	5.5316	1.64159	0.00023	44.3430	250.000
2.2133	7968	44.3430	25.676	37.00	41.250	1667.955	40.735	-5.206	28.569	4.651	7.173	31.496	33.975	5.5316	1.64144	0.00023	44.3432	250.000
2.2136	7969	44.3432	25.677	37.00	41.250	1668.157	40.740	-5.206	28.570	4.652	7.173	31.496	33.975	5.5316	1.64129	0.00023	44.3434	250.000
2.2139	7970	44.3434	25.677	37.00	41.250	1668.359	40.745	-5.206	28.571	4.652	7.173	31.496	33.975	5.5316	1.64114	0.00023	44.3437	250.000
2.2142	7971	44.3437	25.677	37.00	41.250	1668.561	40.750	-5.206	28.572	4.652	7.173	31.496	33.975	5.5316	1.64099	0.00023	44.3439	250.000
2.2144	7972	44.3439	25.677	37.00	41.250	1668.763	40.755	-5.206	28.573	4.652	7.172	31.496	33.975	5.5316	1.64085	0.00023	44.3442	250.000
2.2147	7973	44.3442	25.678	37.00	41.250	1668.965	40.759	-5.206	28.574	4.652	7.172	31.496	33.975	5.5316	1.64070	0.00023	44.3444	250.000
2.2150	7974	44.3444	25.678	37.00	41.250	1669.167	40.764	-5.206	28.575	4.652	7.172	31.496	33.975	5.5316	1.64055	0.00023	44.3446	250.000
2.2153	7975	44.3446	25.678	37.00	41.250	1669.369	40.769	-5.206	28.576	4.652	7.172	31.496	33.975	5.5316	1.64040	0.00023	44.3449	250.000
2.2156	7976	44.3449	25.678	37.00	41.250	1669.571	40.774	-5.206	28.576	4.653	7.172	31.496	33.975	5.5316	1.64025	0.00023	44.3451	250.000
2.2158	7977	44.3451	25.678	37.00	41.250	1669.773	40.779	-5.206	28.577	4.653	7.172	31.496	33.975	5.5316	1.64010	0.00023	44.3453	250.000
2.2161	7978	44.3453	25.679	37.00	41.250	1669.975	40.784	-5.206	28.578	4.653	7.172	31.496	33.975	5.5316	1.63996	0.00023	44.3456	250.000
2.2164	7979	44.3456	25.679	37.00	41.250	1670.177	40.789	-5.206	28.579	4.653	7.171	31.496	33.975	5.5316	1.63981	0.00023	44.3458	250.000
2.2167	7980	44.3458	25.679	37.00	41.250	1670.379	40.794	-5.206	28.580	4.653	7.171	31.496	33.975	5.5316	1.63966	0.00023	44.3460	250.000
2.2169	7981	44.3460	25.679	37.00	41.250	1670.581	40.799	-5.206	28.581	4.653	7.171	31.496	33.975	5.5316	1.63951	0.00023	44.3463	250.000
2.2172	7982	44.3463	25.680	37.00	41.250	1670.783	40.804	-5.206	28.582	4.654	7.171	31.496	33.975	5.5316	1.63936	0.00023	44.3465	250.000
2.2175	7983	44.3465	25.680	37.00	41.250	1670.985	40.809	-5.206	28.583	4.654	7.171	31.496	33.975	5.5316	1.63921	0.00023	44.3467	250.000
2.2178	7984	44.3467	25.680	37.00	41.250	1671.187	40.814	-5.206	28.584	4.654	7.171	31.496	33.975	5.5316	1.63907	0.00023	44.3470	250.000

2.2181	7985	44.3470	25.680	37.00	41.250	1671.389	40.819	-5.206	28.585	4.654	7.170	31.496	33.975	5.5316	1.63892	0.00023	44.3472	250.000
2.2183	7986	44.3472	25.681	37.00	41.250	1671.592	40.824	-5.206	28.586	4.654	7.170	31.496	33.975	5.5316	1.63877	0.00023	44.3474	250.000
2.2186	7987	44.3474	25.681	37.00	41.250	1671.794	40.829	-5.206	28.586	4.654	7.170	31.496	33.975	5.5316	1.63862	0.00023	44.3477	250.000
2.2189	7988	44.3477	25.681	37.00	41.250	1671.996	40.833	-5.206	28.587	4.654	7.170	31.496	33.975	5.5316	1.63847	0.00023	44.3479	250.000
2.2192	7989	44.3479	25.681	37.00	41.250	1672.198	40.838	-5.206	28.588	4.655	7.170	31.496	33.975	5.5316	1.63832	0.00023	44.3481	250.000
2.2194	7990	44.3481	25.682	37.00	41.250	1672.400	40.843	-5.206	28.589	4.655	7.170	31.496	33.975	5.5316	1.63818	0.00023	44.3484	250.000
2.2197	7991	44.3484	25.682	37.00	41.250	1672.602	40.848	-5.206	28.590	4.655	7.170	31.496	33.975	5.5316	1.63803	0.00023	44.3486	250.000
2.2200	7992	44.3486	25.682	37.00	41.250	1672.804	40.853	-5.206	28.591	4.655	7.169	31.496	33.975	5.5316	1.63788	0.00023	44.3488	250.000
2.2203	7993	44.3488	25.682	37.00	41.250	1673.006	40.858	-5.206	28.592	4.655	7.169	31.496	33.975	5.5316	1.63773	0.00023	44.3491	250.000
2.2206	7994	44.3491	25.682	37.00	41.250	1673.208	40.863	-5.206	28.593	4.655	7.169	31.496	33.975	5.5316	1.63758	0.00023	44.3493	250.000
2.2208	7995	44.3493	25.683	37.00	41.250	1673.410	40.868	-5.206	28.594	4.655	7.169	31.496	33.975	5.5316	1.63743	0.00023	44.3495	250.000
2.2211	7996	44.3495	25.683	37.00	41.250	1673.612	40.873	-5.206	28.595	4.656	7.169	31.496	33.975	5.5316	1.63729	0.00023	44.3498	250.000
2.2214	7997	44.3498	25.683	37.00	41.250	1673.814	40.878	-5.206	28.596	4.656	7.169	31.496	33.975	5.5316	1.63714	0.00023	44.3500	250.000
2.2217	7998	44.3500	25.683	37.00	41.250	1674.016	40.883	-5.206	28.596	4.656	7.169	31.496	33.975	5.5316	1.63699	0.00023	44.3502	250.000
2.2219	7999	44.3502	25.684	37.00	41.250	1674.218	40.888	-5.206	28.597	4.656	7.168	31.496	33.975	5.5316	1.63684	0.00023	44.3505	250.000
2.2222	8000	44.3505	25.684	37.00	41.250	1674.420	40.893	-5.206	28.598	4.656	7.168	31.496	33.975	5.5316	1.63669	0.00023	44.3507	250.000
2.2225	8001	44.3507	25.684	37.00	41.250	1674.622	40.898	-5.206	28.599	4.656	7.168	31.496	33.975	5.5316	1.63655	0.00023	44.3509	250.000
2.2228	8002	44.3509	25.684	37.00	41.250	1674.824	40.903	-5.206	28.600	4.656	7.168	31.496	33.975	5.5316	1.63640	0.00023	44.3512	250.000
2.2231	8003	44.3512	25.685	37.00	41.250	1675.026	40.907	-5.206	28.601	4.657	7.168	31.496	33.975	5.5316	1.63625	0.00023	44.3514	250.000
2.2233	8004	44.3514	25.685	37.00	41.250	1675.228	40.912	-5.206	28.602	4.657	7.168	31.496	33.975	5.5316	1.63610	0.00023	44.3516	250.000
2.2236	8005	44.3516	25.685	37.00	41.250	1675.430	40.917	-5.206	28.603	4.657	7.168	31.496	33.975	5.5316	1.63595	0.00023	44.3519	250.000
2.2239	8006	44.3519	25.685	37.00	41.250	1675.632	40.922	-5.206	28.604	4.657	7.167	31.496	33.975	5.5316	1.63581	0.00023	44.3521	250.000
2.2242	8007	44.3521	25.685	37.00	41.250	1675.834	40.927	-5.206	28.605	4.657	7.167	31.496	33.975	5.5316	1.63566	0.00023	44.3523	250.000
2.2244	8008	44.3523	25.686	37.00	41.250	1676.036	40.932	-5.206	28.606	4.657	7.167	31.496	33.975	5.5316	1.63551	0.00023	44.3526	250.000
2.2247	8009	44.3526	25.686	37.00	41.250	1676.238	40.937	-5.206	28.606	4.658	7.167	31.496	33.975	5.5316	1.63536	0.00023	44.3528	250.000
2.2250	8010	44.3528	25.686	37.00	41.250	1676.440	40.942	-5.206	28.607	4.658	7.167	31.496	33.975	5.5316	1.63521	0.00023	44.3530	250.000
2.2253	8011	44.3530	25.686	37.00	41.250	1676.642	40.947	-5.206	28.608	4.658	7.167	31.496	33.975	5.5316	1.63507	0.00023	44.3533	250.000
2.2256	8012	44.3533	25.687	37.00	41.250	1676.844	40.952	-5.206	28.609	4.658	7.166	31.496	33.975	5.5316	1.63492	0.00023	44.3535	250.000
2.2258	8013	44.3535	25.687	37.00	41.250	1677.046	40.957	-5.206	28.610	4.658	7.166	31.496	33.975	5.5316	1.63477	0.00023	44.3537	250.000
2.2261	8014	44.3537	25.687	37.00	41.250	1677.248	40.962	-5.206	28.611	4.658	7.166	31.496	33.975	5.5316	1.63462	0.00023	44.3540	250.000
2.2264	8015	44.3540	25.687	37.00	41.250	1677.450	40.967	-5.206	28.612	4.658	7.166	31.496	33.975	5.5316	1.63447	0.00023	44.3542	250.000
2.2267	8016	44.3542	25.688	37.00	41.250	1677.652	40.972	-5.206	28.613	4.659	7.166	31.496	33.975	5.5316	1.63433	0.00023	44.3544	250.000
2.2269	8017	44.3544	25.688	37.00	41.250	1677.854	40.977	-5.206	28.614	4.659	7.166	31.496	33.975	5.5316	1.63418	0.00023	44.3547	250.000
2.2272	8018	44.3547	25.688	37.00	41.250	1678.056	40.982	-5.206	28.615	4.659	7.166	31.496	33.975	5.5316	1.63403	0.00023	44.3549	250.000
2.2275	8019	44.3549	25.688	37.00	41.250	1678.259	40.986	-5.206	28.616	4.659	7.165	31.496	33.975	5.5316	1.63388	0.00023	44.3551	250.000
2.2278	8020	44.3551	25.689	37.00	41.250	1678.461	40.991	-5.206	28.616	4.659	7.165	31.496	33.975	5.5316	1.63373	0.00023	44.3554	250.000
2.2281	8021	44.3554	25.689	37.00	41.250	1678.663	40.996	-5.206	28.617	4.659	7.165	31.496	33.975	5.5316	1.63359	0.00023	44.3556	250.000
2.2283	8022	44.3556	25.689	37.00	41.250	1678.865	41.001	-5.206	28.618	4.659	7.165	31.496	33.975	5.5316	1.63344	0.00023	44.3558	250.000
2.2286	8023	44.3558	25.689	37.00	41.250	1679.067	41.006	-5.206	28.619	4.660	7.165	31.496	33.975	5.5316	1.63329	0.00023	44.3561	250.000
2.2289	8024	44.3561	25.689	37.00	41.250	1679.269	41.011	-5.206	28.620	4.660	7.165	31.496	33.975	5.5316	1.63314	0.00023	44.3563	250.000
2.2292	8025	44.3563	25.690	37.00	41.250	1679.471	41.016	-5.206	28.621	4.660	7.165	31.496	33.975	5.5316	1.63300	0.00023	44.3565	250.000
2.2294	8026	44.3565	25.690	37.00	41.250	1679.673	41.021	-5.206	28.622	4.660	7.164	31.496	33.975	5.5316	1.63285	0.00023	44.3568	250.000
2.2297	8027	44.3568	25.690	37.00	41.250	1679.875	41.026	-5.206	28.623	4.660	7.164	31.496	33.975	5.5316	1.63270	0.00023	44.3570	250.000
2.2300	8028	44.3570	25.690	37.00	41.250	1680.077	41.031	-5.206	28.624	4.660	7.164	31.496	33.975	5.5316	1.63255	0.00023	44.3572	250.000
2.2303	8029	44.3572	25.691	37.00	41.250	1680.279	41.036	-5.206	28.625	4.660	7.164	31.496	33.975	5.5316	1.63240	0.00023	44.3575	250.000
2.2306	8030	44.3575	25.691	37.00	41.250	1680.481	41.041	-5.206	28.626	4.661	7.164	31.496	33.975	5.5316	1.63226	0.00023	44.3577	250.000
2.2308	8031	44.3577	25.691	37.00	41.250	1680.683	41.046	-5.206	28.626	4.661	7.164	31.496	33.975	5.5316	1.63211	0.00023	44.3579	250.000
2.2311	8032	44.3579	25.691	37.00	41.250	1680.885	41.051	-5.206	28.627	4.661	7.164	31.496	33.975	5.5316	1.63196	0.00023	44.3582	250.000
2.2314	8033	44.3582	25.692	37.00	41.250	1681.087	41.056	-5.206	28.628	4.661	7.163	31.496	33.975	5.5316	1.63181	0.00023	44.3584	250.000
2.2317	8034	44.3584	25.692	37.00	41.250	1681.289	41.060	-5.206	28.629	4.661	7.163	31.496	33.975	5.5316	1.63167	0.00023	44.3586	250.000
2.2319	8035	44.3586	25.692	37.00	41.250	1681.491	41.065	-5.206	28.630	4.661	7.163	31.496	33.975	5.5316	1.63152	0.00023	44.3589	250.000
2.2322	8036	44.3589	25.692	37.00	41.250	1681.693	41.070	-5.206	28.631	4.662	7.163	31.496	33.975	5.5316	1.63137	0.00023	44.3591	250.000
2.2325	8037	44.3591	25.692	37.00	41.250	1681.895	41.075	-5.206	28.632	4.662	7.163	31.496	33.975	5.5316	1.63122	0.00023	44.3593	250.000
2.2328	8038	44.3593	25.693	37.00	41.250	1682.097	41.080	-5.206	28.633	4.662	7.163	31.496	33.975	5.5316	1.63108	0.00023	44.3596	250.000
2.2331	8039	44.3596	25.693	37.00	41.250	1682.299	41.085	-5.206	28.634	4.662	7.162	31.496	33.975	5.5316	1.63093	0.00023	44.3598	250.000
2.2333	8040	44.3598	25.693	37.00	41.250	1682.501	41.090	-5.206	28.635	4.662	7.162	31.496	33.975	5.5316	1.63078	0.00023	44.3600	250.000
2.2336	8041	44.3600	25.693	37.00	41.250	1682.703	41.095	-5.206	28.636	4.662	7.162	31.496	33.975	5.5316	1.63063	0.00023	44.3603	250.000
2.2339	8042	44.3603	25.694	37.00	41.250	1682.905	41.100	-5.206	28.636	4.662	7.162	31.496	33.975	5.5316	1.63048	0.00023	44.3605	250.000
2.2342	8043	44.3605	25.694	37.00	41.250	1683.107	41.105	-5.206	28.637	4.663	7.162	31.496	33.975	5.5316	1.63034	0.00023	44.3607	250.000
2.2344	8044	44.3607	25.694	37.00	41.250	1683.309	41.110	-5.206	28.638	4.663	7.162	31.496	33.975	5.5316	1.63019	0.00023	44.3610	250.000
2.2347	8045	44.3610	25.694	37.00	41.250	1683.511	41.115	-5.206	28.639	4.663	7.162	31.496	33.975	5.5316	1.63004	0.00023	44.3612	250.000
2.2350	8046	44.3612	25.695	37.00	41.250	1683.713	41.120	-5.206	28.640	4.663	7.161	31.496	33.975	5.5316	1.62989	0.00023	44.3614	250.000
2.2353	8047	44.3614	25.695	37.00	41.250	1683.915	41.125	-5.206	28.641	4.663	7.161	31.496	33.975	5.5316	1.62975	0.00023	44.3617	250.000
2.2356	8048	44.3617	25.695	37.00	41.250	1684.117	41.130	-5.206	28.642	4.663	7.161	31.496	33.975	5.5316	1.62960	0.00023	44.3619	250.000
2.2358	8049	44.3619	25.695	37.00	41.250	1684.319	41.134	-5.206	28.643	4.663	7.161	31.496	33.975	5.5316	1.62945	0.00023	44.3621	250.000
2.2361	8050	44.3621	25.696	37.00	41.250	1684.521	41.139	-5.206	28.644	4.664	7.161	31.496	33.975	5.5316	1.62930	0.00023	44.3624	250.000
2.2364	8051	44.3624	25.696	37.00	41.250	1684.723	41.144	-5.206	28.645	4.664	7.161	31.496	33.975	5.5316	1.62916	0.00023	44.3626	250.000
2.2367	8052	44.3626	25.696	37.00	41.250	1684.925	41.149	-5.206	28.645	4.664	7.161	31.496	33.975	5.5316	1.62901	0.00023	44.3628	250.000
2.2369	8053	44.3628	25.696	37.00	41.250	1685.128	41.154	-5.206	28.646	4.664	7.160	31.496	33.975	5.5316	1.62886	0.00023	44.3631	250.000
2.2372	8054	44.3631	25.696	37.00	41.250	1685.330	41.159	-5.206	28.647	4.664	7.160	31.496	33.975	5.5316	1.62872	0.00023	44.3633	250.000
2.2375	8055	44.3633	25.697	37.00	41.250	1685.532	41.164	-5.206	28.648	4.664	7.160	31.496	33.975	5.5316	1.62857	0.00023	44.3635	250.000
2.2378	8056	44.3635	25.697	37.00	41.250	1685.734	41.169	-5.206	28.649	4.664	7.160	31.496	33.975	5.5316	1.62842	0.00023	44.3638	250.000
2.2381	8057	44.3638	25.697	37.00	41.250	1685.936	41.174	-5.206	28.650	4.665	7.160	31.496	33.975	5.5316	1.62827	0.00023	44.3640	250.000
2.2383	8058	44.3640	25.697	37.00	41.250	1686.138	41.179	-5.206	28.651	4.665	7.160	31.496	33.975	5.5316	1.62813	0.00023	44.3642	250.000
2.2386	8059	44.3642	25.698	37.00	41.250	1686.340	41.184	-5.206	28.652	4.665	7.160	31.496	33.975	5.5316	1.62798	0.00023	44.3645	250.000
2.2389	8060	44.3645	25.698	37.00	41.250	1686.542	41.189	-5.206	28.653	4.665	7.159	31.496	33.975	5.5316	1.62783	0.00023	44.3647	250.000
2.2392	8061	44.3647	25.698	37.00	41.250	1686.744	41.194	-5.206	28.654	4.665	7.159	31.496	33.975	5.5316	1.62768	0.00023	44.3649	250.000
2.2394	8062	44.3649	25.698	37.00	41.250	1686.946	41.199	-5.206	28.655	4.665	7.159	31.496	33.975	5.5316	1.62754	0.00023	44.3652	250.000
2.2397	8063	44.3652	25.699	37.00	41.250	1687.148	41.204	-5.206	28.655	4.665	7.159	31.496	33.975	5.5316	1.62739	0.00023	44.3654	250.000
2.2400	8064	44.3654	25.699	37.00	41.250	1687.350	41.208	-5.206	28.656	4.666	7.159	31.496	33.975	5.5316	1.62724	0.00023	44.3656	250.000
2.2403	8065	44.3656	25.699	37.00	41.250	1687.552	41.213	-5.206	28.657	4.666	7.159	31.496	33.975	5.5316	1.62709	0.00023	44.3659	250.000

2.2406	8066	44.3659	25.699	37.00	41.250	1687.754	41.218	-5.206	28.658	4.666	7.159	31.496	33.975	5.5316	1.62695	0.00023	44.3661	250.000
2.2408	8067	44.3661	25.699	37.00	41.250	1687.956	41.223	-5.206	28.659	4.666	7.158	31.496	33.975	5.5316	1.62680	0.00023	44.3663	250.000
2.2411	8068	44.3663	25.700	37.00	41.250	1688.158	41.228	-5.206	28.660	4.666	7.158	31.496	33.975	5.5316	1.62665	0.00023	44.3666	250.000
2.2414	8069	44.3666	25.700	37.00	41.250	1688.360	41.233	-5.206	28.661	4.666	7.158	31.496	33.975	5.5316	1.62651	0.00023	44.3668	250.000
2.2417	8070	44.3668	25.700	37.00	41.250	1688.562	41.238	-5.206	28.662	4.667	7.158	31.496	33.975	5.5316	1.62636	0.00023	44.3670	250.000
2.2419	8071	44.3670	25.700	37.00	41.250	1688.764	41.243	-5.206	28.663	4.667	7.158	31.496	33.975	5.5316	1.62621	0.00023	44.3673	250.000
2.2422	8072	44.3673	25.701	37.00	41.250	1688.966	41.248	-5.206	28.664	4.667	7.158	31.496	33.975	5.5316	1.62606	0.00023	44.3675	250.000
2.2425	8073	44.3675	25.701	37.00	41.250	1689.168	41.253	-5.206	28.664	4.667	7.157	31.496	33.975	5.5316	1.62592	0.00023	44.3677	250.000
2.2428	8074	44.3677	25.701	37.00	41.250	1689.370	41.258	-5.206	28.665	4.667	7.157	31.496	33.975	5.5316	1.62577	0.00023	44.3679	250.000
2.2431	8075	44.3679	25.701	37.00	41.250	1689.572	41.263	-5.206	28.666	4.667	7.157	31.496	33.975	5.5316	1.62562	0.00023	44.3682	250.000
2.2433	8076	44.3682	25.702	37.00	41.250	1689.774	41.268	-5.206	28.667	4.667	7.157	31.496	33.975	5.5316	1.62548	0.00023	44.3684	250.000
2.2436	8077	44.3684	25.702	37.00	41.250	1689.976	41.273	-5.206	28.668	4.668	7.157	31.496	33.975	5.5316	1.62533	0.00023	44.3686	250.000
2.2439	8078	44.3686	25.702	37.00	41.250	1690.178	41.278	-5.206	28.669	4.668	7.157	31.496	33.975	5.5316	1.62518	0.00023	44.3689	250.000
2.2442	8079	44.3689	25.702	37.00	41.250	1690.380	41.282	-5.206	28.670	4.668	7.157	31.496	33.975	5.5316	1.62503	0.00023	44.3691	250.000
2.2444	8080	44.3691	25.702	37.00	41.250	1690.582	41.287	-5.206	28.671	4.668	7.156	31.496	33.975	5.5316	1.62489	0.00023	44.3693	250.000
2.2447	8081	44.3693	25.703	37.00	41.250	1690.784	41.292	-5.206	28.672	4.668	7.156	31.496	33.975	5.5316	1.62474	0.00023	44.3696	250.000
2.2450	8082	44.3696	25.703	37.00	41.250	1690.986	41.297	-5.206	28.673	4.668	7.156	31.496	33.975	5.5316	1.62459	0.00023	44.3698	250.000
2.2453	8083	44.3698	25.703	37.00	41.250	1691.188	41.302	-5.206	28.673	4.668	7.156	31.496	33.975	5.5316	1.62445	0.00023	44.3700	250.000
2.2456	8084	44.3700	25.703	37.00	41.250	1691.390	41.307	-5.206	28.674	4.669	7.156	31.496	33.975	5.5316	1.62430	0.00023	44.3703	250.000
2.2458	8085	44.3703	25.704	37.00	41.250	1691.592	41.312	-5.206	28.675	4.669	7.156	31.496	33.975	5.5316	1.62415	0.00023	44.3705	250.000
2.2461	8086	44.3705	25.704	37.00	41.250	1691.795	41.317	-5.206	28.676	4.669	7.156	31.496	33.975	5.5316	1.62401	0.00023	44.3707	250.000
2.2464	8087	44.3707	25.704	37.00	41.250	1691.997	41.322	-5.206	28.677	4.669	7.155	31.496	33.975	5.5316	1.62386	0.00023	44.3710	250.000
2.2467	8088	44.3710	25.704	37.00	41.250	1692.199	41.327	-5.206	28.678	4.669	7.155	31.496	33.975	5.5316	1.62371	0.00023	44.3712	250.000
2.2469	8089	44.3712	25.705	37.00	41.250	1692.401	41.332	-5.206	28.679	4.669	7.155	31.496	33.975	5.5316	1.62356	0.00023	44.3714	250.000
2.2472	8090	44.3714	25.705	37.00	41.250	1692.603	41.337	-5.206	28.680	4.669	7.155	31.496	33.975	5.5316	1.62342	0.00023	44.3717	250.000
2.2475	8091	44.3717	25.705	37.00	41.250	1692.805	41.342	-5.206	28.681	4.670	7.155	31.496	33.975	5.5316	1.62327	0.00023	44.3719	250.000
2.2478	8092	44.3719	25.705	37.00	41.250	1693.007	41.347	-5.206	28.682	4.670	7.155	31.496	33.975	5.5316	1.62312	0.00023	44.3721	250.000
2.2481	8093	44.3721	25.706	37.00	41.250	1693.209	41.352	-5.206	28.683	4.670	7.155	31.496	33.975	5.5316	1.62298	0.00023	44.3724	250.000
2.2483	8094	44.3724	25.706	37.00	41.250	1693.411	41.356	-5.206	28.683	4.670	7.154	31.496	33.975	5.5316	1.62283	0.00023	44.3726	250.000
2.2486	8095	44.3726	25.706	37.00	41.250	1693.613	41.361	-5.206	28.684	4.670	7.154	31.496	33.975	5.5316	1.62268	0.00023	44.3728	250.000
2.2489	8096	44.3728	25.706	37.00	41.250	1693.815	41.366	-5.206	28.685	4.670	7.154	31.496	33.975	5.5316	1.62254	0.00023	44.3731	250.000
2.2492	8097	44.3731	25.706	37.00	41.250	1694.017	41.371	-5.206	28.686	4.670	7.154	31.496	33.975	5.5316	1.62239	0.00023	44.3733	250.000
2.2494	8098	44.3733	25.707	37.00	41.250	1694.219	41.376	-5.206	28.687	4.671	7.154	31.496	33.975	5.5316	1.62224	0.00023	44.3735	250.000
2.2497	8099	44.3735	25.707	37.00	41.250	1694.421	41.381	-5.206	28.688	4.671	7.154	31.496	33.975	5.5316	1.62210	0.00023	44.3737	250.000
2.2500	8100	44.3737	25.707	37.00	41.250	1694.623	41.386	-5.206	28.689	4.671	7.154	31.496	33.975	5.5316	1.62195	0.00023	44.3740	250.000
2.2503	8101	44.3740	25.707	37.00	41.250	1694.825	41.391	-5.206	28.690	4.671	7.153	31.496	33.975	5.5316	1.62180	0.00023	44.3742	250.000
2.2506	8102	44.3742	25.708	37.00	41.250	1695.027	41.396	-5.206	28.691	4.671	7.153	31.496	33.975	5.5316	1.62166	0.00023	44.3744	250.000
2.2508	8103	44.3744	25.708	37.00	41.250	1695.229	41.401	-5.206	28.692	4.671	7.153	31.496	33.975	5.5316	1.62151	0.00023	44.3747	250.000
2.2511	8104	44.3747	25.708	37.00	41.250	1695.431	41.406	-5.206	28.692	4.672	7.153	31.496	33.975	5.5316	1.62136	0.00023	44.3749	250.000
2.2514	8105	44.3749	25.708	37.00	41.250	1695.633	41.411	-5.206	28.693	4.672	7.153	31.496	33.975	5.5316	1.62122	0.00023	44.3751	250.000
2.2517	8106	44.3751	25.709	37.00	41.250	1695.835	41.416	-5.206	28.694	4.672	7.153	31.496	33.975	5.5316	1.62107	0.00023	44.3754	250.000
2.2519	8107	44.3754	25.709	37.00	41.250	1696.037	41.421	-5.206	28.695	4.672	7.152	31.496	33.975	5.5316	1.62092	0.00023	44.3756	250.000
2.2522	8108	44.3756	25.709	37.00	41.250	1696.239	41.426	-5.206	28.696	4.672	7.152	31.496	33.975	5.5316	1.62078	0.00023	44.3758	250.000
2.2525	8109	44.3758	25.709	37.00	41.250	1696.441	41.430	-5.206	28.697	4.672	7.152	31.496	33.975	5.5316	1.62063	0.00023	44.3761	250.000
2.2528	8110	44.3761	25.709	37.00	41.250	1696.643	41.435	-5.206	28.698	4.672	7.152	31.496	33.975	5.5316	1.62048	0.00023	44.3763	250.000
2.2531	8111	44.3763	25.710	37.00	41.250	1696.845	41.440	-5.206	28.699	4.673	7.152	31.496	33.975	5.5316	1.62034	0.00023	44.3765	250.000
2.2533	8112	44.3765	25.710	37.00	41.250	1697.047	41.445	-5.206	28.700	4.673	7.152	31.496	33.975	5.5316	1.62019	0.00023	44.3768	250.000
2.2536	8113	44.3768	25.710	37.00	41.250	1697.249	41.450	-5.206	28.701	4.673	7.152	31.496	33.975	5.5316	1.62004	0.00023	44.3770	250.000
2.2539	8114	44.3770	25.710	37.00	41.250	1697.451	41.455	-5.206	28.701	4.673	7.151	31.496	33.975	5.5316	1.61990	0.00023	44.3772	250.000
2.2542	8115	44.3772	25.711	37.00	41.250	1697.653	41.460	-5.206	28.702	4.673	7.151	31.496	33.975	5.5316	1.61975	0.00023	44.3775	250.000
2.2544	8116	44.3775	25.711	37.00	41.250	1697.855	41.465	-5.206	28.703	4.673	7.151	31.496	33.975	5.5316	1.61960	0.00023	44.3777	250.000
2.2547	8117	44.3777	25.711	37.00	41.250	1698.057	41.470	-5.206	28.704	4.673	7.151	31.496	33.975	5.5316	1.61946	0.00023	44.3779	250.000
2.2550	8118	44.3779	25.711	37.00	41.250	1698.259	41.475	-5.206	28.705	4.674	7.151	31.496	33.975	5.5316	1.61931	0.00023	44.3781	250.000
2.2553	8119	44.3781	25.712	37.00	41.250	1698.461	41.480	-5.206	28.706	4.674	7.151	31.496	33.975	5.5316	1.61916	0.00023	44.3784	250.000
2.2556	8120	44.3784	25.712	37.00	41.250	1698.664	41.485	-5.206	28.707	4.674	7.151	31.496	33.975	5.5316	1.61902	0.00023	44.3786	250.000
2.2558	8121	44.3786	25.712	37.00	41.250	1698.866	41.490	-5.206	28.708	4.674	7.150	31.496	33.975	5.5316	1.61887	0.00023	44.3788	250.000
2.2561	8122	44.3788	25.712	37.00	41.250	1699.068	41.495	-5.206	28.709	4.674	7.150	31.496	33.975	5.5316	1.61872	0.00023	44.3791	250.000
2.2564	8123	44.3791	25.712	37.00	41.250	1699.270	41.500	-5.206	28.710	4.674	7.150	31.496	33.975	5.5316	1.61858	0.00023	44.3793	250.000
2.2567	8124	44.3793	25.713	37.00	41.250	1699.472	41.505	-5.206	28.710	4.674	7.150	31.496	33.975	5.5316	1.61843	0.00023	44.3795	250.000
2.2569	8125	44.3795	25.713	37.00	41.250	1699.674	41.509	-5.206	28.711	4.675	7.150	31.496	33.975	5.5316	1.61828	0.00023	44.3798	250.000
2.2572	8126	44.3798	25.713	37.00	41.250	1699.876	41.514	-5.206	28.712	4.675	7.150	31.496	33.975	5.5316	1.61814	0.00023	44.3800	250.000
2.2575	8127	44.3800	25.713	37.00	41.250	1700.078	41.519	-5.206	28.713	4.675	7.150	31.496	33.975	5.5316	1.61799	0.00023	44.3802	250.000
2.2578	8128	44.3802	25.714	37.00	41.250	1700.280	41.524	-5.206	28.714	4.675	7.149	31.496	33.975	5.5316	1.61784	0.00023	44.3805	250.000
2.2581	8129	44.3805	25.714	37.00	41.250	1700.482	41.529	-5.206	28.715	4.675	7.149	31.496	33.975	5.5316	1.61770	0.00023	44.3807	250.000
2.2583	8130	44.3807	25.714	37.00	41.250	1700.684	41.534	-5.206	28.716	4.675	7.149	31.496	33.975	5.5316	1.61755	0.00023	44.3809	250.000
2.2586	8131	44.3809	25.714	37.00	41.250	1700.886	41.539	-5.206	28.717	4.675	7.149	31.496	33.975	5.5316	1.61741	0.00023	44.3812	250.000
2.2589	8132	44.3812	25.715	37.00	41.250	1701.088	41.544	-5.206	28.718	4.676	7.149	31.496	33.975	5.5316	1.61726	0.00023	44.3814	250.000
2.2592	8133	44.3814	25.715	37.00	41.250	1701.290	41.549	-5.206	28.719	4.676	7.149	31.496	33.975	5.5316	1.61711	0.00023	44.3816	250.000
2.2594	8134	44.3816	25.715	37.00	41.250	1701.492	41.554	-5.206	28.719	4.676	7.149	31.496	33.975	5.5316	1.61697	0.00023	44.3818	250.000
2.2597	8135	44.3818	25.715	37.00	41.250	1701.694	41.559	-5.206	28.720	4.676	7.148	31.496	33.975	5.5316	1.61682	0.00023	44.3821	250.000
2.2600	8136	44.3821	25.715	37.00	41.250	1701.896	41.564	-5.206	28.721	4.676	7.148	31.496	33.975	5.5316	1.61667	0.00023	44.3823	250.000
2.2603	8137	44.3823	25.716	37.00	41.250	1702.098	41.569	-5.206	28.722	4.676	7.148	31.496	33.975	5.5316	1.61653	0.00023	44.3825	250.000
2.2606	8138	44.3825	25.716	37.00	41.250	1702.300	41.574	-5.206	28.723	4.676	7.148	31.496	33.975	5.5316	1.61638	0.00023	44.3828	250.000
2.2608	8139	44.3828	25.716	37.00	41.250	1702.502	41.579	-5.206	28.724	4.677	7.148	31.496	33.975	5.5316	1.61623	0.00023	44.3830	250.000
2.2611	8140	44.3830	25.716	37.00	41.250	1702.704	41.583	-5.206	28.725	4.677	7.148	31.496	33.975	5.5316	1.61609	0.00023	44.3832	250.000
2.2614	8141	44.3832	25.717	37.00	41.250	1702.906	41.588	-5.206	28.726	4.677	7.147	31.496	33.975	5.5316	1.61594	0.00023	44.3835	250.000
2.2617	8142	44.3835	25.717	37.00	41.250	1703.108	41.593	-5.206	28.727	4.677	7.147	31.496	33.975	5.5316	1.61580	0.00023	44.3837	250.000
2.2619	8143	44.3837	25.717	37.00	41.250	1703.310	41.598	-5.206	28.728	4.677	7.147	31.496	33.975	5.5316	1.61565	0.00023	44.3839	250.000
2.2622	8144	44.3839	25.717	37.00	41.250	1703.512	41.603	-5.206	28.728	4.677	7.147	31.496	33.975	5.5316	1.61550	0.00023	44.3842	250.000
2.2625	8145	44.3842	25.718	37.00	41.250	1703.714	41.608	-5.206	28.729	4.678	7.147	31.496	33.975	5.5316	1.61536	0.00023	44.3844	250.000
2.2628	8146	44.3844	25.718	37.00	41.250	1703.916	41.613	-5.206	28.730	4.678	7.147	31.496	33.975	5.5316	1.61521	0.00023	44.3846	250.000

2.2631	8147	44.3846	25.718	37.00	41.250	1704.118	41.618	-5.206	28.731	4.678	7.147	31.496	33.975	5.5316	1.61506	0.00023	44.3848	250.000
2.2633	8148	44.3848	25.718	37.00	41.250	1704.320	41.623	-5.206	28.732	4.678	7.146	31.496	33.975	5.5316	1.61492	0.00023	44.3851	250.000
2.2636	8149	44.3851	25.718	37.00	41.250	1704.522	41.628	-5.206	28.733	4.678	7.146	31.496	33.975	5.5316	1.61477	0.00023	44.3853	250.000
2.2639	8150	44.3853	25.719	37.00	41.250	1704.724	41.633	-5.206	28.734	4.678	7.146	31.496	33.975	5.5316	1.61463	0.00023	44.3855	250.000
2.2642	8151	44.3855	25.719	37.00	41.250	1704.926	41.638	-5.206	28.735	4.678	7.146	31.496	33.975	5.5316	1.61448	0.00023	44.3858	250.000
2.2644	8152	44.3858	25.719	37.00	41.250	1705.128	41.643	-5.206	28.736	4.679	7.146	31.496	33.975	5.5316	1.61433	0.00023	44.3860	250.000
2.2647	8153	44.3860	25.719	37.00	41.250	1705.331	41.648	-5.206	28.737	4.679	7.146	31.496	33.975	5.5316	1.61419	0.00023	44.3862	250.000
2.2650	8154	44.3862	25.720	37.00	41.250	1705.533	41.653	-5.206	28.737	4.679	7.146	31.496	33.975	5.5316	1.61404	0.00023	44.3865	250.000
2.2653	8155	44.3865	25.720	37.00	41.250	1705.735	41.657	-5.206	28.738	4.679	7.145	31.496	33.975	5.5316	1.61390	0.00023	44.3867	250.000
2.2656	8156	44.3867	25.720	37.00	41.250	1705.937	41.662	-5.206	28.739	4.679	7.145	31.496	33.975	5.5316	1.61375	0.00023	44.3869	250.000
2.2658	8157	44.3869	25.720	37.00	41.250	1706.139	41.667	-5.206	28.740	4.679	7.145	31.496	33.975	5.5316	1.61360	0.00023	44.3872	250.000
2.2661	8158	44.3872	25.721	37.00	41.250	1706.341	41.672	-5.206	28.741	4.679	7.145	31.496	33.975	5.5316	1.61346	0.00023	44.3874	250.000
2.2664	8159	44.3874	25.721	37.00	41.250	1706.543	41.677	-5.206	28.742	4.680	7.145	31.496	33.975	5.5316	1.61331	0.00023	44.3876	250.000
2.2667	8160	44.3876	25.721	37.00	41.250	1706.745	41.682	-5.206	28.743	4.680	7.145	31.496	33.975	5.5316	1.61317	0.00023	44.3878	250.000
2.2669	8161	44.3878	25.721	37.00	41.250	1706.947	41.687	-5.206	28.744	4.680	7.145	31.496	33.975	5.5316	1.61302	0.00023	44.3881	250.000
2.2672	8162	44.3881	25.721	37.00	41.250	1707.149	41.692	-5.206	28.745	4.680	7.144	31.496	33.975	5.5316	1.61287	0.00023	44.3883	250.000
2.2675	8163	44.3883	25.722	37.00	41.250	1707.351	41.697	-5.206	28.745	4.680	7.144	31.496	33.975	5.5316	1.61273	0.00023	44.3885	250.000
2.2678	8164	44.3885	25.722	37.00	41.250	1707.553	41.702	-5.206	28.746	4.680	7.144	31.496	33.975	5.5316	1.61258	0.00023	44.3888	250.000
2.2681	8165	44.3888	25.722	37.00	41.250	1707.755	41.707	-5.206	28.747	4.680	7.144	31.496	33.975	5.5316	1.61244	0.00023	44.3890	250.000
2.2683	8166	44.3890	25.722	37.00	41.250	1707.957	41.712	-5.206	28.748	4.681	7.144	31.496	33.975	5.5316	1.61229	0.00023	44.3892	250.000
2.2686	8167	44.3892	25.723	37.00	41.250	1708.159	41.717	-5.206	28.749	4.681	7.144	31.496	33.975	5.5316	1.61214	0.00023	44.3895	250.000
2.2689	8168	44.3895	25.723	37.00	41.250	1708.361	41.722	-5.206	28.750	4.681	7.144	31.496	33.975	5.5316	1.61200	0.00023	44.3897	250.000
2.2692	8169	44.3897	25.723	37.00	41.250	1708.563	41.727	-5.206	28.751	4.681	7.143	31.496	33.975	5.5316	1.61185	0.00023	44.3899	250.000
2.2694	8170	44.3899	25.723	37.00	41.250	1708.765	41.731	-5.206	28.752	4.681	7.143	31.496	33.975	5.5316	1.61171	0.00023	44.3901	250.000
2.2697	8171	44.3901	25.724	37.00	41.250	1708.967	41.736	-5.206	28.753	4.681	7.143	31.496	33.975	5.5316	1.61156	0.00023	44.3904	250.000
2.2700	8172	44.3904	25.724	37.00	41.250	1709.169	41.741	-5.206	28.754	4.681	7.143	31.496	33.975	5.5316	1.61142	0.00023	44.3906	250.000
2.2703	8173	44.3906	25.724	37.00	41.250	1709.371	41.746	-5.206	28.754	4.682	7.143	31.496	33.975	5.5316	1.61127	0.00023	44.3908	250.000
2.2706	8174	44.3908	25.724	37.00	41.250	1709.573	41.751	-5.206	28.755	4.682	7.143	31.496	33.975	5.5316	1.61112	0.00023	44.3911	250.000
2.2708	8175	44.3911	25.724	37.00	41.250	1709.775	41.756	-5.206	28.756	4.682	7.143	31.496	33.975	5.5316	1.61098	0.00023	44.3913	250.000
2.2711	8176	44.3913	25.725	37.00	41.250	1709.977	41.761	-5.206	28.757	4.682	7.142	31.496	33.975	5.5316	1.61083	0.00023	44.3915	250.000
2.2714	8177	44.3915	25.725	37.00	41.250	1710.179	41.766	-5.206	28.758	4.682	7.142	31.496	33.975	5.5316	1.61069	0.00023	44.3918	250.000
2.2717	8178	44.3918	25.725	37.00	41.250	1710.381	41.771	-5.206	28.759	4.682	7.142	31.496	33.975	5.5316	1.61054	0.00023	44.3920	250.000
2.2719	8179	44.3920	25.725	37.00	41.250	1710.583	41.776	-5.206	28.760	4.682	7.142	31.496	33.975	5.5316	1.61039	0.00023	44.3922	250.000
2.2722	8180	44.3922	25.726	37.00	41.250	1710.785	41.781	-5.206	28.761	4.683	7.142	31.496	33.975	5.5316	1.61025	0.00023	44.3924	250.000
2.2725	8181	44.3924	25.726	37.00	41.250	1710.987	41.786	-5.206	28.762	4.683	7.142	31.496	33.975	5.5316	1.61010	0.00023	44.3927	250.000
2.2728	8182	44.3927	25.726	37.00	41.250	1711.189	41.791	-5.206	28.762	4.683	7.142	31.496	33.975	5.5316	1.60996	0.00023	44.3929	250.000
2.2731	8183	44.3929	25.726	37.00	41.250	1711.391	41.796	-5.206	28.763	4.683	7.141	31.496	33.975	5.5316	1.60981	0.00023	44.3931	250.000
2.2733	8184	44.3931	25.727	37.00	41.250	1711.593	41.801	-5.206	28.764	4.683	7.141	31.496	33.975	5.5316	1.60967	0.00023	44.3934	250.000
2.2736	8185	44.3934	25.727	37.00	41.250	1711.795	41.805	-5.206	28.765	4.683	7.141	31.496	33.975	5.5316	1.60952	0.00023	44.3936	250.000
2.2739	8186	44.3936	25.727	37.00	41.250	1711.998	41.810	-5.206	28.766	4.684	7.141	31.496	33.975	5.5316	1.60937	0.00023	44.3938	250.000
2.2742	8187	44.3938	25.727	37.00	41.250	1712.200	41.815	-5.206	28.767	4.684	7.141	31.496	33.975	5.5316	1.60923	0.00023	44.3941	250.000
2.2744	8188	44.3941	25.727	37.00	41.250	1712.402	41.820	-5.206	28.768	4.684	7.141	31.496	33.975	5.5316	1.60908	0.00023	44.3943	250.000
2.2747	8189	44.3943	25.728	37.00	41.250	1712.604	41.825	-5.206	28.769	4.684	7.140	31.496	33.975	5.5316	1.60894	0.00023	44.3945	250.000
2.2750	8190	44.3945	25.728	37.00	41.250	1712.806	41.830	-5.206	28.770	4.684	7.140	31.496	33.975	5.5316	1.60879	0.00023	44.3947	250.000
2.2753	8191	44.3947	25.728	37.00	41.250	1713.008	41.835	-5.206	28.771	4.684	7.140	31.496	33.975	5.5316	1.60865	0.00023	44.3950	250.000
2.2756	8192	44.3950	25.728	37.00	41.250	1713.210	41.840	-5.206	28.771	4.684	7.140	31.496	33.975	5.5316	1.60850	0.00023	44.3952	250.000
2.2758	8193	44.3952	25.729	37.00	41.250	1713.412	41.845	-5.206	28.772	4.685	7.140	31.496	33.975	5.5316	1.60836	0.00023	44.3954	250.000
2.2761	8194	44.3954	25.729	37.00	41.250	1713.614	41.850	-5.206	28.773	4.685	7.140	31.496	33.975	5.5316	1.60821	0.00023	44.3957	250.000
2.2764	8195	44.3957	25.729	37.00	41.250	1713.816	41.855	-5.206	28.774	4.685	7.140	31.496	33.975	5.5316	1.60806	0.00023	44.3959	250.000
2.2767	8196	44.3959	25.729	37.00	41.250	1714.018	41.860	-5.206	28.775	4.685	7.139	31.496	33.975	5.5316	1.60792	0.00023	44.3961	250.000
2.2769	8197	44.3961	25.730	37.00	41.250	1714.220	41.865	-5.206	28.776	4.685	7.139	31.496	33.975	5.5316	1.60777	0.00023	44.3964	250.000
2.2772	8198	44.3964	25.730	37.00	41.250	1714.422	41.870	-5.206	28.777	4.685	7.139	31.496	33.975	5.5316	1.60763	0.00023	44.3966	250.000
2.2775	8199	44.3966	25.730	37.00	41.250	1714.624	41.875	-5.206	28.778	4.685	7.139	31.496	33.975	5.5316	1.60748	0.00023	44.3968	250.000
2.2778	8200	44.3968	25.730	37.00	41.250	1714.826	41.879	-5.206	28.779	4.686	7.139	31.496	33.975	5.5316	1.60734	0.00023	44.3970	250.000
2.2781	8201	44.3970	25.730	37.00	41.250	1715.028	41.884	-5.206	28.779	4.686	7.139	31.496	33.975	5.5316	1.60719	0.00023	44.3973	250.000
2.2783	8202	44.3973	25.731	37.00	41.250	1715.230	41.889	-5.206	28.780	4.686	7.139	31.496	33.975	5.5316	1.60705	0.00023	44.3975	250.000
2.2786	8203	44.3975	25.731	37.00	41.250	1715.432	41.894	-5.206	28.781	4.686	7.138	31.496	33.975	5.5316	1.60690	0.00023	44.3977	250.000
2.2789	8204	44.3977	25.731	37.00	41.250	1715.634	41.899	-5.206	28.782	4.686	7.138	31.496	33.975	5.5316	1.60676	0.00023	44.3980	250.000
2.2792	8205	44.3980	25.731	37.00	41.250	1715.836	41.904	-5.206	28.783	4.686	7.138	31.496	33.975	5.5316	1.60661	0.00023	44.3982	250.000
2.2794	8206	44.3982	25.732	37.00	41.250	1716.038	41.909	-5.206	28.784	4.686	7.138	31.496	33.975	5.5316	1.60646	0.00023	44.3984	250.000
2.2797	8207	44.3984	25.732	37.00	41.250	1716.240	41.914	-5.206	28.785	4.687	7.138	31.496	33.975	5.5316	1.60632	0.00023	44.3987	250.000
2.2800	8208	44.3987	25.732	37.00	41.250	1716.442	41.919	-5.206	28.786	4.687	7.138	31.496	33.975	5.5316	1.60617	0.00023	44.3989	250.000
2.2803	8209	44.3989	25.732	37.00	41.250	1716.644	41.924	-5.206	28.787	4.687	7.138	31.496	33.975	5.5316	1.60603	0.00023	44.3991	250.000
2.2806	8210	44.3991	25.732	37.00	41.250	1716.846	41.929	-5.206	28.788	4.687	7.137	31.496	33.975	5.5316	1.60588	0.00023	44.3993	250.000
2.2808	8211	44.3993	25.733	37.00	41.250	1717.048	41.934	-5.206	28.788	4.687	7.137	31.496	33.975	5.5316	1.60574	0.00023	44.3996	250.000
2.2811	8212	44.3996	25.733	37.00	41.250	1717.250	41.939	-5.206	28.789	4.687	7.137	31.496	33.975	5.5316	1.60559	0.00023	44.3998	250.000
2.2814	8213	44.3998	25.733	37.00	41.250	1717.452	41.944	-5.206	28.790	4.687	7.137	31.496	33.975	5.5316	1.60545	0.00023	44.4000	250.000
2.2817	8214	44.4000	25.733	37.00	41.250	1717.654	41.949	-5.206	28.791	4.688	7.137	31.496	33.975	5.5316	1.60530	0.00023	44.4003	250.000
2.2819	8215	44.4003	25.734	37.00	41.250	1717.856	41.954	-5.206	28.792	4.688	7.137	31.496	33.975	5.5316	1.60516	0.00023	44.4005	250.000
2.2822	8216	44.4005	25.734	37.00	41.250	1718.058	41.958	-5.206	28.793	4.688	7.137	31.496	33.975	5.5316	1.60501	0.00023	44.4007	250.000
2.2825	8217	44.4007	25.734	37.00	41.250	1718.260	41.963	-5.206	28.794	4.688	7.136	31.496	33.975	5.5316	1.60487	0.00023	44.4009	250.000
2.2828	8218	44.4009	25.734	37.00	41.250	1718.462	41.968	-5.206	28.795	4.688	7.136	31.496	33.975	5.5316	1.60472	0.00023	44.4012	250.000
2.2831	8219	44.4012	25.735	37.00	41.250	1718.664	41.973	-5.206	28.796	4.688	7.136	31.496	33.975	5.5316	1.60458	0.00023	44.4014	250.000
2.2833	8220	44.4014	25.735	37.00	41.250	1718.867	41.978	-5.206	28.796	4.688	7.136	31.496	33.975	5.5316	1.60443	0.00023	44.4016	250.000
2.2836	8221	44.4016	25.735	37.00	41.250	1719.069	41.983	-5.206	28.797	4.689	7.136	31.496	33.975	5.5316	1.60429	0.00023	44.4019	250.000
2.2839	8222	44.4019	25.735	37.00	41.250	1719.271	41.988	-5.206	28.798	4.689	7.136	31.496	33.975	5.5316	1.60414	0.00023	44.4021	250.000
2.2842	8223	44.4021	25.735	37.00	41.250	1719.473	41.993	-5.206	28.799	4.689	7.136	31.496	33.975	5.5316	1.60399	0.00023	44.4023	250.000
2.2844	8224	44.4023	25.736	37.00	41.250	1719.675	41.998	-5.206	28.800	4.689	7.135	31.496	33.975	5.5316	1.60385	0.00023	44.4026	250.000
2.2847	8225	44.4026	25.736	37.00	41.250	1719.877	42.003	-5.206	28.801	4.689	7.135	31.496	33.975	5.5316	1.60370	0.00023	44.4028	250.000
2.2850	8226	44.4028	25.736	37.00	41.250	1720.079	42.008	-5.206	28.802	4.689	7.135	31.496	33.975	5.5316	1.60356	0.00023	44.4030	250.000
2.2853	8227	44.4030	25.736	37.00	41.250	1720.281	42.013	-5.206	28.803	4.689	7.135	31.496	33.975	5.5316	1.60341	0.00023	44.4032	250.000

2.2856	8228	44.4032	25.737	37.00	41.250	1720.483	42.018	-5.206	28.804	4.690	7.135	31.496	33.975	5.5316	1.60327	0.00023	44.4035	250.000
2.2858	8229	44.4035	25.737	37.00	41.250	1720.685	42.023	-5.206	28.804	4.690	7.135	31.496	33.975	5.5316	1.60312	0.00023	44.4037	250.000
2.2861	8230	44.4037	25.737	37.00	41.250	1720.887	42.028	-5.206	28.805	4.690	7.135	31.496	33.975	5.5316	1.60298	0.00023	44.4039	250.000
2.2864	8231	44.4039	25.737	37.00	41.250	1721.089	42.032	-5.206	28.806	4.690	7.134	31.496	33.975	5.5316	1.60283	0.00023	44.4042	250.000
2.2867	8232	44.4042	25.738	37.00	41.250	1721.291	42.037	-5.206	28.807	4.690	7.134	31.496	33.975	5.5316	1.60269	0.00023	44.4044	250.000
2.2869	8233	44.4044	25.738	37.00	41.250	1721.493	42.042	-5.206	28.808	4.690	7.134	31.496	33.975	5.5316	1.60254	0.00023	44.4046	250.000
2.2872	8234	44.4046	25.738	37.00	41.250	1721.695	42.047	-5.206	28.809	4.690	7.134	31.496	33.975	5.5316	1.60240	0.00023	44.4048	250.000
2.2875	8235	44.4048	25.738	37.00	41.250	1721.897	42.052	-5.206	28.810	4.691	7.134	31.496	33.975	5.5316	1.60225	0.00023	44.4051	250.000
2.2878	8236	44.4051	25.738	37.00	41.250	1722.099	42.057	-5.206	28.811	4.691	7.134	31.496	33.975	5.5316	1.60211	0.00023	44.4053	250.000
2.2881	8237	44.4053	25.739	37.00	41.250	1722.301	42.062	-5.206	28.812	4.691	7.134	31.496	33.975	5.5316	1.60196	0.00023	44.4055	250.000
2.2883	8238	44.4055	25.739	37.00	41.250	1722.503	42.067	-5.206	28.812	4.691	7.133	31.496	33.975	5.5316	1.60182	0.00023	44.4058	250.000
2.2886	8239	44.4058	25.739	37.00	41.250	1722.705	42.072	-5.206	28.813	4.691	7.133	31.496	33.975	5.5316	1.60167	0.00023	44.4060	250.000
2.2889	8240	44.4060	25.739	37.00	41.250	1722.907	42.077	-5.206	28.814	4.691	7.133	31.496	33.975	5.5316	1.60153	0.00023	44.4062	250.000
2.2892	8241	44.4062	25.740	37.00	41.250	1723.109	42.082	-5.206	28.815	4.691	7.133	31.496	33.975	5.5316	1.60138	0.00023	44.4064	250.000
2.2894	8242	44.4064	25.740	37.00	41.250	1723.311	42.087	-5.206	28.816	4.692	7.133	31.496	33.975	5.5316	1.60124	0.00023	44.4067	250.000
2.2897	8243	44.4067	25.740	37.00	41.250	1723.513	42.092	-5.206	28.817	4.692	7.133	31.496	33.975	5.5316	1.60109	0.00023	44.4069	250.000
2.2900	8244	44.4069	25.740	37.00	41.250	1723.715	42.097	-5.206	28.818	4.692	7.133	31.496	33.975	5.5316	1.60095	0.00023	44.4071	250.000
2.2903	8245	44.4071	25.741	37.00	41.250	1723.917	42.102	-5.206	28.819	4.692	7.132	31.496	33.975	5.5316	1.60080	0.00023	44.4074	250.000
2.2906	8246	44.4074	25.741	37.00	41.250	1724.119	42.106	-5.206	28.820	4.692	7.132	31.496	33.975	5.5316	1.60066	0.00023	44.4076	250.000
2.2908	8247	44.4076	25.741	37.00	41.250	1724.321	42.111	-5.206	28.820	4.692	7.132	31.496	33.975	5.5316	1.60051	0.00023	44.4078	250.000
2.2911	8248	44.4078	25.741	37.00	41.250	1724.523	42.116	-5.206	28.821	4.693	7.132	31.496	33.975	5.5316	1.60037	0.00023	44.4080	250.000
2.2914	8249	44.4080	25.741	37.00	41.250	1724.725	42.121	-5.206	28.822	4.693	7.132	31.496	33.975	5.5316	1.60023	0.00023	44.4083	250.000
2.2917	8250	44.4083	25.742	37.00	41.250	1724.927	42.126	-5.206	28.823	4.693	7.132	31.496	33.975	5.5316	1.60008	0.00023	44.4085	250.000
2.2919	8251	44.4085	25.742	37.00	41.250	1725.129	42.131	-5.206	28.824	4.693	7.131	31.496	33.975	5.5316	1.59994	0.00023	44.4087	250.000
2.2922	8252	44.4087	25.742	37.00	41.250	1725.331	42.136	-5.206	28.825	4.693	7.131	31.496	33.975	5.5316	1.59979	0.00023	44.4090	250.000
2.2925	8253	44.4090	25.742	37.00	41.250	1725.534	42.141	-5.206	28.826	4.693	7.131	31.496	33.975	5.5316	1.59965	0.00023	44.4092	250.000
2.2928	8254	44.4092	25.743	37.00	41.250	1725.736	42.146	-5.206	28.827	4.693	7.131	31.496	33.975	5.5316	1.59950	0.00023	44.4094	250.000
2.2931	8255	44.4094	25.743	37.00	41.250	1725.938	42.151	-5.206	28.828	4.694	7.131	31.496	33.975	5.5316	1.59936	0.00023	44.4096	250.000
2.2933	8256	44.4096	25.743	37.00	41.250	1726.140	42.156	-5.206	28.828	4.694	7.131	31.496	33.975	5.5316	1.59921	0.00023	44.4099	250.000
2.2936	8257	44.4099	25.743	37.00	41.250	1726.342	42.161	-5.206	28.829	4.694	7.131	31.496	33.975	5.5316	1.59907	0.00023	44.4101	250.000
2.2939	8258	44.4101	25.743	37.00	41.250	1726.544	42.166	-5.206	28.830	4.694	7.130	31.496	33.975	5.5316	1.59892	0.00023	44.4103	250.000
2.2942	8259	44.4103	25.744	37.00	41.250	1726.746	42.171	-5.206	28.831	4.694	7.130	31.496	33.975	5.5316	1.59878	0.00023	44.4106	250.000
2.2944	8260	44.4106	25.744	37.00	41.250	1726.948	42.176	-5.206	28.832	4.694	7.130	31.496	33.975	5.5316	1.59863	0.00023	44.4108	250.000
2.2947	8261	44.4108	25.744	37.00	41.250	1727.150	42.180	-5.206	28.833	4.694	7.130	31.496	33.975	5.5316	1.59849	0.00023	44.4110	250.000
2.2950	8262	44.4110	25.744	37.00	41.250	1727.352	42.185	-5.206	28.834	4.695	7.130	31.496	33.975	5.5316	1.59834	0.00023	44.4112	250.000
2.2953	8263	44.4112	25.745	37.00	41.250	1727.554	42.190	-5.206	28.835	4.695	7.130	31.496	33.975	5.5316	1.59820	0.00023	44.4115	250.000
2.2956	8264	44.4115	25.745	37.00	41.250	1727.756	42.195	-5.206	28.836	4.695	7.130	31.496	33.975	5.5316	1.59805	0.00023	44.4117	250.000
2.2958	8265	44.4117	25.745	37.00	41.250	1727.958	42.200	-5.206	28.836	4.695	7.129	31.496	33.975	5.5316	1.59791	0.00023	44.4119	250.000
2.2961	8266	44.4119	25.745	37.00	41.250	1728.160	42.205	-5.206	28.837	4.695	7.129	31.496	33.975	5.5316	1.59777	0.00023	44.4122	250.000
2.2964	8267	44.4122	25.746	37.00	41.250	1728.362	42.210	-5.206	28.838	4.695	7.129	31.496	33.975	5.5316	1.59762	0.00023	44.4124	250.000
2.2967	8268	44.4124	25.746	37.00	41.250	1728.564	42.215	-5.206	28.839	4.695	7.129	31.496	33.975	5.5316	1.59748	0.00023	44.4126	250.000
2.2969	8269	44.4126	25.746	37.00	41.250	1728.766	42.220	-5.206	28.840	4.696	7.129	31.496	33.975	5.5316	1.59733	0.00023	44.4128	250.000
2.2972	8270	44.4128	25.746	37.00	41.250	1728.968	42.225	-5.206	28.841	4.696	7.129	31.496	33.975	5.5316	1.59719	0.00023	44.4131	250.000
2.2975	8271	44.4131	25.746	37.00	41.250	1729.170	42.230	-5.206	28.842	4.696	7.129	31.496	33.975	5.5316	1.59704	0.00023	44.4133	250.000
2.2978	8272	44.4133	25.747	37.00	41.250	1729.372	42.235	-5.206	28.843	4.696	7.128	31.496	33.975	5.5316	1.59690	0.00023	44.4135	250.000
2.2981	8273	44.4135	25.747	37.00	41.250	1729.574	42.240	-5.206	28.844	4.696	7.128	31.496	33.975	5.5316	1.59675	0.00023	44.4138	250.000
2.2983	8274	44.4138	25.747	37.00	41.250	1729.776	42.245	-5.206	28.844	4.696	7.128	31.496	33.975	5.5316	1.59661	0.00023	44.4140	250.000
2.2986	8275	44.4140	25.747	37.00	41.250	1729.978	42.250	-5.206	28.845	4.696	7.128	31.496	33.975	5.5316	1.59646	0.00023	44.4142	250.000
2.2989	8276	44.4142	25.748	37.00	41.250	1730.180	42.254	-5.206	28.846	4.697	7.128	31.496	33.975	5.5316	1.59632	0.00023	44.4144	250.000
2.2992	8277	44.4144	25.748	37.00	41.250	1730.382	42.259	-5.206	28.847	4.697	7.128	31.496	33.975	5.5316	1.59618	0.00023	44.4147	250.000
2.2994	8278	44.4147	25.748	37.00	41.250	1730.584	42.264	-5.206	28.848	4.697	7.128	31.496	33.975	5.5316	1.59603	0.00023	44.4149	250.000
2.2997	8279	44.4149	25.748	37.00	41.250	1730.786	42.269	-5.206	28.849	4.697	7.127	31.496	33.975	5.5316	1.59589	0.00023	44.4151	250.000
2.3000	8280	44.4151	25.749	37.00	41.250	1730.988	42.274	-5.206	28.850	4.697	7.127	31.496	33.975	5.5316	1.59574	0.00023	44.4153	250.000
2.3003	8281	44.4153	25.749	37.00	41.250	1731.190	42.279	-5.206	28.851	4.697	7.127	31.496	33.975	5.5316	1.59560	0.00023	44.4156	250.000
2.3006	8282	44.4156	25.749	37.00	41.250	1731.392	42.284	-5.206	28.852	4.697	7.127	31.496	33.975	5.5316	1.59545	0.00023	44.4158	250.000
2.3008	8283	44.4158	25.749	37.00	41.250	1731.594	42.289	-5.206	28.852	4.698	7.127	31.496	33.975	5.5316	1.59531	0.00023	44.4160	250.000
2.3011	8284	44.4160	25.749	37.00	41.250	1731.796	42.294	-5.206	28.853	4.698	7.127	31.496	33.975	5.5316	1.59516	0.00023	44.4163	250.000
2.3014	8285	44.4163	25.750	37.00	41.250	1731.998	42.299	-5.206	28.854	4.698	7.127	31.496	33.975	5.5316	1.59502	0.00023	44.4165	250.000
2.3017	8286	44.4165	25.750	37.00	41.250	1732.200	42.304	-5.206	28.855	4.698	7.126	31.496	33.975	5.5316	1.59488	0.00023	44.4167	250.000
2.3019	8287	44.4167	25.750	37.00	41.250	1732.403	42.309	-5.206	28.856	4.698	7.126	31.496	33.975	5.5316	1.59473	0.00023	44.4169	250.000
2.3022	8288	44.4169	25.750	37.00	41.250	1732.605	42.314	-5.206	28.857	4.698	7.126	31.496	33.975	5.5316	1.59459	0.00023	44.4172	250.000
2.3025	8289	44.4172	25.751	37.00	41.250	1732.807	42.319	-5.206	28.858	4.698	7.126	31.496	33.975	5.5316	1.59444	0.00023	44.4174	250.000
2.3028	8290	44.4174	25.751	37.00	41.250	1733.009	42.324	-5.206	28.859	4.699	7.126	31.496	33.975	5.5316	1.59430	0.00023	44.4176	250.000
2.3031	8291	44.4176	25.751	37.00	41.250	1733.211	42.328	-5.206	28.860	4.699	7.126	31.496	33.975	5.5316	1.59415	0.00023	44.4179	250.000
2.3033	8292	44.4179	25.751	37.00	41.250	1733.413	42.333	-5.206	28.860	4.699	7.126	31.496	33.975	5.5316	1.59401	0.00023	44.4181	250.000
2.3036	8293	44.4181	25.751	37.00	41.250	1733.615	42.338	-5.206	28.861	4.699	7.125	31.496	33.975	5.5316	1.59387	0.00023	44.4183	250.000
2.3039	8294	44.4183	25.752	37.00	41.250	1733.817	42.343	-5.206	28.862	4.699	7.125	31.496	33.975	5.5316	1.59372	0.00023	44.4185	250.000
2.3042	8295	44.4185	25.752	37.00	41.250	1734.019	42.348	-5.206	28.863	4.699	7.125	31.496	33.975	5.5316	1.59358	0.00023	44.4188	250.000
2.3044	8296	44.4188	25.752	37.00	41.250	1734.221	42.353	-5.206	28.864	4.699	7.125	31.496	33.975	5.5316	1.59343	0.00023	44.4190	250.000
2.3047	8297	44.4190	25.752	37.00	41.250	1734.423	42.358	-5.206	28.865	4.700	7.125	31.496	33.975	5.5316	1.59329	0.00023	44.4192	250.000
2.3050	8298	44.4192	25.753	37.00	41.250	1734.625	42.363	-5.206	28.866	4.700	7.125	31.496	33.975	5.5316	1.59314	0.00023	44.4194	250.000
2.3053	8299	44.4194	25.753	37.00	41.250	1734.827	42.368	-5.206	28.867	4.700	7.125	31.496	33.975	5.5316	1.59300	0.00023	44.4197	250.000
2.3056	8300	44.4197	25.753	37.00	41.250	1735.029	42.373	-5.206	28.868	4.700	7.124	31.496	33.975	5.5316	1.59286	0.00023	44.4199	250.000
2.3058	8301	44.4199	25.753	37.00	41.250	1735.231	42.378	-5.206	28.868	4.700	7.124	31.496	33.975	5.5316	1.59271	0.00023	44.4201	250.000
2.3061	8302	44.4201	25.754	37.00	41.250	1735.433	42.383	-5.206	28.869	4.700	7.124	31.496	33.975	5.5316	1.59257	0.00023	44.4204	250.000
2.3064	8303	44.4204	25.754	37.00	41.250	1735.635	42.388	-5.206	28.870	4.700	7.124	31.496	33.975	5.5316	1.59242	0.00023	44.4206	250.000
2.3067	8304	44.4206	25.754	37.00	41.250	1735.837	42.393	-5.206	28.871	4.701	7.124	31.496	33.975	5.5316	1.59228	0.00023	44.4208	250.000
2.3069	8305	44.4208	25.754	37.00	41.250	1736.039	42.398	-5.206	28.872	4.701	7.124	31.496	33.975	5.5316	1.59214	0.00023	44.4210	250.000
2.3072	8306	44.4210	25.754	37.00	41.250	1736.241	42.402	-5.206	28.873	4.701	7.124	31.496	33.975	5.5316	1.59199	0.00023	44.4213	250.000
2.3075	8307	44.4213	25.755	37.00	41.250	1736.443	42.407	-5.206	28.874	4.701	7.123	31.496	33.975	5.5316	1.59185	0.00023	44.4215	250.000
2.3078	8308	44.4215	25.755	37.00	41.250	1736.645	42.412	-5.206	28.875	4.701	7.123	31.496	33.975	5.5316	1.59170	0.00023	44.4217	250.000

2.3081	8309	44.4217	25.755	37.00	41.250	1736.847	42.417	-5.206	28.875	4.701	7.123	31.496	33.975	5.5316	1.59156	0.00023	44.4219	250.000
2.3083	8310	44.4219	25.755	37.00	41.250	1737.049	42.422	-5.206	28.876	4.701	7.123	31.496	33.975	5.5316	1.59142	0.00023	44.4222	250.000
2.3086	8311	44.4222	25.756	37.00	41.250	1737.251	42.427	-5.206	28.877	4.702	7.123	31.496	33.975	5.5316	1.59127	0.00023	44.4224	250.000
2.3089	8312	44.4224	25.756	37.00	41.250	1737.453	42.432	-5.206	28.878	4.702	7.123	31.496	33.975	5.5316	1.59113	0.00023	44.4226	250.000
2.3092	8313	44.4226	25.756	37.00	41.250	1737.655	42.437	-5.206	28.879	4.702	7.123	31.496	33.975	5.5316	1.59098	0.00023	44.4229	250.000
2.3094	8314	44.4229	25.756	37.00	41.250	1737.857	42.442	-5.206	28.880	4.702	7.122	31.496	33.975	5.5316	1.59084	0.00023	44.4231	250.000
2.3097	8315	44.4231	25.756	37.00	41.250	1738.059	42.447	-5.206	28.881	4.702	7.122	31.496	33.975	5.5316	1.59070	0.00023	44.4233	250.000
2.3100	8316	44.4233	25.757	37.00	41.250	1738.261	42.452	-5.206	28.882	4.702	7.122	31.496	33.975	5.5316	1.59055	0.00023	44.4235	250.000
2.3103	8317	44.4235	25.757	37.00	41.250	1738.463	42.457	-5.206	28.883	4.702	7.122	31.496	33.975	5.5316	1.59041	0.00023	44.4238	250.000
2.3106	8318	44.4238	25.757	37.00	41.250	1738.665	42.462	-5.206	28.883	4.703	7.122	31.496	33.975	5.5316	1.59026	0.00023	44.4240	250.000
2.3108	8319	44.4240	25.757	37.00	41.250	1738.867	42.467	-5.206	28.884	4.703	7.122	31.496	33.975	5.5316	1.59012	0.00023	44.4242	250.000
2.3111	8320	44.4242	25.758	37.00	41.250	1739.070	42.472	-5.206	28.885	4.703	7.122	31.496	33.975	5.5316	1.58998	0.00023	44.4244	250.000
2.3114	8321	44.4244	25.758	37.00	41.250	1739.272	42.477	-5.206	28.886	4.703	7.121	31.496	33.975	5.5316	1.58983	0.00023	44.4247	250.000
2.3117	8322	44.4247	25.758	37.00	41.250	1739.474	42.481	-5.206	28.887	4.703	7.121	31.496	33.975	5.5316	1.58969	0.00023	44.4249	250.000
2.3119	8323	44.4249	25.758	37.00	41.250	1739.676	42.486	-5.206	28.888	4.703	7.121	31.496	33.975	5.5316	1.58954	0.00023	44.4251	250.000
2.3122	8324	44.4251	25.759	37.00	41.250	1739.878	42.491	-5.206	28.889	4.703	7.121	31.496	33.975	5.5316	1.58940	0.00023	44.4254	250.000
2.3125	8325	44.4254	25.759	37.00	41.250	1740.080	42.496	-5.206	28.890	4.704	7.121	31.496	33.975	5.5316	1.58926	0.00023	44.4256	250.000
2.3128	8326	44.4256	25.759	37.00	41.250	1740.282	42.501	-5.206	28.891	4.704	7.121	31.496	33.975	5.5316	1.58911	0.00023	44.4258	250.000
2.3131	8327	44.4258	25.759	37.00	41.250	1740.484	42.506	-5.206	28.891	4.704	7.121	31.496	33.975	5.5316	1.58897	0.00023	44.4260	250.000
2.3133	8328	44.4260	25.759	37.00	41.250	1740.686	42.511	-5.206	28.892	4.704	7.120	31.496	33.975	5.5316	1.58883	0.00023	44.4263	250.000
2.3136	8329	44.4263	25.760	37.00	41.250	1740.888	42.516	-5.206	28.893	4.704	7.120	31.496	33.975	5.5316	1.58868	0.00023	44.4265	250.000
2.3139	8330	44.4265	25.760	37.00	41.250	1741.090	42.521	-5.206	28.894	4.704	7.120	31.496	33.975	5.5316	1.58854	0.00023	44.4267	250.000
2.3142	8331	44.4267	25.760	37.00	41.250	1741.292	42.526	-5.206	28.895	4.704	7.120	31.496	33.975	5.5316	1.58839	0.00023	44.4269	250.000
2.3144	8332	44.4269	25.760	37.00	41.250	1741.494	42.531	-5.206	28.896	4.705	7.120	31.496	33.975	5.5316	1.58825	0.00023	44.4272	250.000
2.3147	8333	44.4272	25.761	37.00	41.250	1741.696	42.536	-5.206	28.897	4.705	7.120	31.496	33.975	5.5316	1.58811	0.00023	44.4274	250.000
2.3150	8334	44.4274	25.761	37.00	41.250	1741.898	42.541	-5.206	28.898	4.705	7.120	31.496	33.975	5.5316	1.58796	0.00023	44.4276	250.000
2.3153	8335	44.4276	25.761	37.00	41.250	1742.100	42.546	-5.206	28.898	4.705	7.119	31.496	33.975	5.5316	1.58782	0.00023	44.4279	250.000
2.3156	8336	44.4279	25.761	37.00	41.250	1742.302	42.551	-5.206	28.899	4.705	7.119	31.496	33.975	5.5316	1.58768	0.00023	44.4281	250.000
2.3158	8337	44.4281	25.761	37.00	41.250	1742.504	42.555	-5.206	28.900	4.705	7.119	31.496	33.975	5.5316	1.58753	0.00023	44.4283	250.000
2.3161	8338	44.4283	25.762	37.00	41.250	1742.706	42.560	-5.206	28.901	4.705	7.119	31.496	33.975	5.5316	1.58739	0.00023	44.4285	250.000
2.3164	8339	44.4285	25.762	37.00	41.250	1742.908	42.565	-5.206	28.902	4.706	7.119	31.496	33.975	5.5316	1.58724	0.00023	44.4288	250.000
2.3167	8340	44.4288	25.762	37.00	41.250	1743.110	42.570	-5.206	28.903	4.706	7.119	31.496	33.975	5.5316	1.58710	0.00023	44.4290	250.000
2.3169	8341	44.4290	25.762	37.00	41.250	1743.312	42.575	-5.206	28.904	4.706	7.119	31.496	33.975	5.5316	1.58696	0.00023	44.4292	250.000
2.3172	8342	44.4292	25.763	37.00	41.250	1743.514	42.580	-5.206	28.905	4.706	7.118	31.496	33.975	5.5316	1.58681	0.00023	44.4294	250.000
2.3175	8343	44.4294	25.763	37.00	41.250	1743.716	42.585	-5.206	28.906	4.706	7.118	31.496	33.975	5.5316	1.58667	0.00023	44.4297	250.000
2.3178	8344	44.4297	25.763	37.00	41.250	1743.918	42.590	-5.206	28.906	4.706	7.118	31.496	33.975	5.5316	1.58653	0.00023	44.4299	250.000
2.3181	8345	44.4299	25.763	37.00	41.250	1744.120	42.595	-5.206	28.907	4.706	7.118	31.496	33.975	5.5316	1.58638	0.00023	44.4301	250.000
2.3183	8346	44.4301	25.764	37.00	41.250	1744.322	42.600	-5.206	28.908	4.707	7.118	31.496	33.975	5.5316	1.58624	0.00023	44.4303	250.000
2.3186	8347	44.4303	25.764	37.00	41.250	1744.524	42.605	-5.206	28.909	4.707	7.118	31.496	33.975	5.5316	1.58610	0.00023	44.4306	250.000
2.3189	8348	44.4306	25.764	37.00	41.250	1744.726	42.610	-5.206	28.910	4.707	7.118	31.496	33.975	5.5316	1.58595	0.00023	44.4308	250.000
2.3192	8349	44.4308	25.764	37.00	41.250	1744.928	42.615	-5.206	28.911	4.707	7.117	31.496	33.975	5.5316	1.58581	0.00023	44.4310	250.000
2.3194	8350	44.4310	25.764	37.00	41.250	1745.130	42.620	-5.206	28.912	4.707	7.117	31.496	33.975	5.5316	1.58567	0.00023	44.4313	250.000
2.3197	8351	44.4313	25.765	37.00	41.250	1745.332	42.625	-5.206	28.913	4.707	7.117	31.496	33.975	5.5316	1.58552	0.00023	44.4315	250.000
2.3200	8352	44.4315	25.765	37.00	41.250	1745.534	42.629	-5.206	28.913	4.707	7.117	31.496	33.975	5.5316	1.58538	0.00023	44.4317	250.000
2.3203	8353	44.4317	25.765	37.00	41.250	1745.737	42.634	-5.206	28.914	4.708	7.117	31.496	33.975	5.5316	1.58524	0.00023	44.4319	250.000
2.3206	8354	44.4319	25.765	37.00	41.250	1745.939	42.639	-5.206	28.915	4.708	7.117	31.496	33.975	5.5316	1.58509	0.00023	44.4322	250.000
2.3208	8355	44.4322	25.766	37.00	41.250	1746.141	42.644	-5.206	28.916	4.708	7.117	31.496	33.975	5.5316	1.58495	0.00023	44.4324	250.000
2.3211	8356	44.4324	25.766	37.00	41.250	1746.343	42.649	-5.206	28.917	4.708	7.116	31.496	33.975	5.5316	1.58480	0.00023	44.4326	250.000
2.3214	8357	44.4326	25.766	37.00	41.250	1746.545	42.654	-5.206	28.918	4.708	7.116	31.496	33.975	5.5316	1.58466	0.00023	44.4328	250.000
2.3217	8358	44.4328	25.766	37.00	41.250	1746.747	42.659	-5.206	28.919	4.708	7.116	31.496	33.975	5.5316	1.58452	0.00023	44.4331	250.000
2.3219	8359	44.4331	25.766	37.00	41.250	1746.949	42.664	-5.206	28.920	4.709	7.116	31.496	33.975	5.5316	1.58437	0.00023	44.4333	250.000
2.3222	8360	44.4333	25.767	37.00	41.250	1747.151	42.669	-5.206	28.920	4.709	7.116	31.496	33.975	5.5316	1.58423	0.00023	44.4335	250.000
2.3225	8361	44.4335	25.767	37.00	41.250	1747.353	42.674	-5.206	28.921	4.709	7.116	31.496	33.975	5.5316	1.58409	0.00023	44.4337	250.000
2.3228	8362	44.4337	25.767	37.00	41.250	1747.555	42.679	-5.206	28.922	4.709	7.115	31.496	33.975	5.5316	1.58394	0.00023	44.4340	250.000
2.3231	8363	44.4340	25.767	37.00	41.250	1747.757	42.684	-5.206	28.923	4.709	7.115	31.496	33.975	5.5316	1.58380	0.00023	44.4342	250.000
2.3233	8364	44.4342	25.768	37.00	41.250	1747.959	42.689	-5.206	28.924	4.709	7.115	31.496	33.975	5.5316	1.58366	0.00023	44.4344	250.000
2.3236	8365	44.4344	25.768	37.00	41.250	1748.161	42.694	-5.206	28.925	4.709	7.115	31.496	33.975	5.5316	1.58351	0.00023	44.4346	250.000
2.3239	8366	44.4346	25.768	37.00	41.250	1748.363	42.699	-5.206	28.926	4.710	7.115	31.496	33.975	5.5316	1.58337	0.00023	44.4349	250.000
2.3242	8367	44.4349	25.768	37.00	41.250	1748.565	42.703	-5.206	28.927	4.710	7.115	31.496	33.975	5.5316	1.58323	0.00023	44.4351	250.000
2.3244	8368	44.4351	25.768	37.00	41.250	1748.767	42.708	-5.206	28.928	4.710	7.115	31.496	33.975	5.5316	1.58308	0.00023	44.4353	250.000
2.3247	8369	44.4353	25.769	37.00	41.250	1748.969	42.713	-5.206	28.928	4.710	7.114	31.496	33.975	5.5316	1.58294	0.00023	44.4356	250.000
2.3250	8370	44.4356	25.769	37.00	41.250	1749.171	42.718	-5.206	28.929	4.710	7.114	31.496	33.975	5.5316	1.58280	0.00023	44.4358	250.000
2.3253	8371	44.4358	25.769	37.00	41.250	1749.373	42.723	-5.206	28.930	4.710	7.114	31.496	33.975	5.5316	1.58265	0.00023	44.4360	250.000
2.3256	8372	44.4360	25.769	37.00	41.250	1749.575	42.728	-5.206	28.931	4.710	7.114	31.496	33.975	5.5316	1.58251	0.00023	44.4362	250.000
2.3258	8373	44.4362	25.770	37.00	41.250	1749.777	42.733	-5.206	28.932	4.711	7.114	31.496	33.975	5.5316	1.58237	0.00023	44.4365	250.000
2.3261	8374	44.4365	25.770	37.00	41.250	1749.979	42.738	-5.206	28.933	4.711	7.114	31.496	33.975	5.5316	1.58223	0.00023	44.4367	250.000
2.3264	8375	44.4367	25.770	37.00	41.250	1750.181	42.743	-5.206	28.934	4.711	7.114	31.496	33.975	5.5316	1.58208	0.00023	44.4369	250.000
2.3267	8376	44.4369	25.770	37.00	41.250	1750.383	42.748	-5.206	28.935	4.711	7.113	31.496	33.975	5.5316	1.58194	0.00023	44.4371	250.000
2.3269	8377	44.4371	25.771	37.00	41.250	1750.585	42.753	-5.206	28.935	4.711	7.113	31.496	33.975	5.5316	1.58180	0.00023	44.4374	250.000
2.3272	8378	44.4374	25.771	37.00	41.250	1750.787	42.758	-5.206	28.936	4.711	7.113	31.496	33.975	5.5316	1.58165	0.00023	44.4376	250.000
2.3275	8379	44.4376	25.771	37.00	41.250	1750.989	42.763	-5.206	28.937	4.711	7.113	31.496	33.975	5.5316	1.58151	0.00023	44.4378	250.000
2.3278	8380	44.4378	25.771	37.00	41.250	1751.191	42.768	-5.206	28.938	4.712	7.113	31.496	33.975	5.5316	1.58137	0.00023	44.4380	250.000
2.3281	8381	44.4380	25.771	37.00	41.250	1751.393	42.773	-5.206	28.939	4.712	7.113	31.496	33.975	5.5316	1.58122	0.00023	44.4383	250.000
2.3283	8382	44.4383	25.772	37.00	41.250	1751.595	42.777	-5.206	28.940	4.712	7.113	31.496	33.975	5.5316	1.58108	0.00023	44.4385	250.000
2.3286	8383	44.4385	25.772	37.00	41.250	1751.797	42.782	-5.206	28.941	4.712	7.112	31.496	33.975	5.5316	1.58094	0.00023	44.4387	250.000
2.3289	8384	44.4387	25.772	37.00	41.250	1751.999	42.787	-5.206	28.942	4.712	7.112	31.496	33.975	5.5316	1.58079	0.00023	44.4389	250.000
2.3292	8385	44.4389	25.772	37.00	41.250	1752.201	42.792	-5.206	28.942	4.712	7.112	31.496	33.975	5.5316	1.58065	0.00023	44.4392	250.000
2.3294	8386	44.4392	25.773	37.00	41.250	1752.403	42.797	-5.206	28.943	4.712	7.112	31.496	33.975	5.5316	1.58051	0.00023	44.4394	250.000
2.3297	8387	44.4394	25.773	37.00	41.250	1752.606	42.802	-5.206	28.944	4.713	7.112	31.496	33.975	5.5316	1.58036	0.00023	44.4396	250.000
2.3300	8388	44.4396	25.773	37.00	41.250	1752.808	42.807	-5.206	28.945	4.713	7.112	31.496	33.975	5.5316	1.58022	0.00023	44.4398	250.000
2.3303	8389	44.4398	25.773	37.00	41.250	1753.010	42.812	-5.206	28.946	4.713	7.112	31.496	33.975	5.5316	1.58008	0.00023	44.4401	250.000

2.3306	8390	44.4401	25.773	37.00	41.250	1753.212	42.817	-5.206	28.947	4.713	7.111	31.496	33.975	5.5316	1.57994	0.00023	44.4403	250.000
2.3308	8391	44.4403	25.774	37.00	41.250	1753.414	42.822	-5.206	28.948	4.713	7.111	31.496	33.975	5.5316	1.57979	0.00023	44.4405	250.000
2.3311	8392	44.4405	25.774	37.00	41.250	1753.616	42.827	-5.206	28.949	4.713	7.111	31.496	33.975	5.5316	1.57965	0.00023	44.4407	250.000
2.3314	8393	44.4407	25.774	37.00	41.250	1753.818	42.832	-5.206	28.950	4.713	7.111	31.496	33.975	5.5316	1.57951	0.00023	44.4410	250.000
2.3317	8394	44.4410	25.774	37.00	41.250	1754.020	42.837	-5.206	28.950	4.714	7.111	31.496	33.975	5.5316	1.57936	0.00023	44.4412	250.000
2.3319	8395	44.4412	25.775	37.00	41.250	1754.222	42.842	-5.206	28.951	4.714	7.111	31.496	33.975	5.5316	1.57922	0.00023	44.4414	250.000
2.3322	8396	44.4414	25.775	37.00	41.250	1754.424	42.847	-5.206	28.952	4.714	7.111	31.496	33.975	5.5316	1.57908	0.00023	44.4417	250.000
2.3325	8397	44.4417	25.775	37.00	41.250	1754.626	42.851	-5.206	28.953	4.714	7.110	31.496	33.975	5.5316	1.57894	0.00023	44.4419	250.000
2.3328	8398	44.4419	25.775	37.00	41.250	1754.828	42.856	-5.206	28.954	4.714	7.110	31.496	33.975	5.5316	1.57879	0.00023	44.4421	250.000
2.3331	8399	44.4421	25.775	37.00	41.250	1755.030	42.861	-5.206	28.955	4.714	7.110	31.496	33.975	5.5316	1.57865	0.00023	44.4423	250.000
2.3333	8400	44.4423	25.776	37.00	41.250	1755.232	42.866	-5.206	28.956	4.714	7.110	31.496	33.975	5.5316	1.57851	0.00023	44.4426	250.000
2.3336	8401	44.4426	25.776	37.00	41.250	1755.434	42.871	-5.206	28.957	4.715	7.110	31.496	33.975	5.5316	1.57836	0.00023	44.4428	250.000
2.3339	8402	44.4428	25.776	37.00	41.250	1755.636	42.876	-5.206	28.957	4.715	7.110	31.496	33.975	5.5316	1.57822	0.00023	44.4430	250.000
2.3342	8403	44.4430	25.776	37.00	41.250	1755.838	42.881	-5.206	28.958	4.715	7.110	31.496	33.975	5.5316	1.57808	0.00023	44.4432	250.000
2.3344	8404	44.4432	25.777	37.00	41.250	1756.040	42.886	-5.206	28.959	4.715	7.109	31.496	33.975	5.5316	1.57794	0.00023	44.4435	250.000
2.3347	8405	44.4435	25.777	37.00	41.250	1756.242	42.891	-5.206	28.960	4.715	7.109	31.496	33.975	5.5316	1.57779	0.00023	44.4437	250.000
2.3350	8406	44.4437	25.777	37.00	41.250	1756.444	42.896	-5.206	28.961	4.715	7.109	31.496	33.975	5.5316	1.57765	0.00023	44.4439	250.000
2.3353	8407	44.4439	25.777	37.00	41.250	1756.646	42.901	-5.206	28.962	4.715	7.109	31.496	33.975	5.5316	1.57751	0.00023	44.4441	250.000
2.3356	8408	44.4441	25.778	37.00	41.250	1756.848	42.906	-5.206	28.963	4.716	7.109	31.496	33.975	5.5316	1.57736	0.00023	44.4444	250.000
2.3358	8409	44.4444	25.778	37.00	41.250	1757.050	42.911	-5.206	28.964	4.716	7.109	31.496	33.975	5.5316	1.57722	0.00023	44.4446	250.000
2.3361	8410	44.4446	25.778	37.00	41.250	1757.252	42.916	-5.206	28.964	4.716	7.109	31.496	33.975	5.5316	1.57708	0.00023	44.4448	250.000
2.3364	8411	44.4448	25.778	37.00	41.250	1757.454	42.921	-5.206	28.965	4.716	7.108	31.496	33.975	5.5316	1.57694	0.00023	44.4450	250.000
2.3367	8412	44.4450	25.778	37.00	41.250	1757.656	42.925	-5.206	28.966	4.716	7.108	31.496	33.975	5.5316	1.57679	0.00023	44.4453	250.000
2.3369	8413	44.4453	25.779	37.00	41.250	1757.858	42.930	-5.206	28.967	4.716	7.108	31.496	33.975	5.5316	1.57665	0.00023	44.4455	250.000
2.3372	8414	44.4455	25.779	37.00	41.250	1758.060	42.935	-5.206	28.968	4.716	7.108	31.496	33.975	5.5316	1.57651	0.00023	44.4457	250.000
2.3375	8415	44.4457	25.779	37.00	41.250	1758.262	42.940	-5.206	28.969	4.717	7.108	31.496	33.975	5.5316	1.57637	0.00023	44.4459	250.000
2.3378	8416	44.4459	25.779	37.00	41.250	1758.464	42.945	-5.206	28.970	4.717	7.108	31.496	33.975	5.5316	1.57622	0.00023	44.4462	250.000
2.3381	8417	44.4462	25.780	37.00	41.250	1758.666	42.950	-5.206	28.971	4.717	7.108	31.496	33.975	5.5316	1.57608	0.00023	44.4464	250.000
2.3383	8418	44.4464	25.780	37.00	41.250	1758.868	42.955	-5.206	28.971	4.717	7.107	31.496	33.975	5.5316	1.57594	0.00023	44.4466	250.000
2.3386	8419	44.4466	25.780	37.00	41.250	1759.070	42.960	-5.206	28.972	4.717	7.107	31.496	33.975	5.5316	1.57579	0.00023	44.4468	250.000
2.3389	8420	44.4468	25.780	37.00	41.250	1759.273	42.965	-5.206	28.973	4.717	7.107	31.496	33.975	5.5316	1.57565	0.00023	44.4471	250.000
2.3392	8421	44.4471	25.780	37.00	41.250	1759.475	42.970	-5.206	28.974	4.717	7.107	31.496	33.975	5.5316	1.57551	0.00023	44.4473	250.000
2.3394	8422	44.4473	25.781	37.00	41.250	1759.677	42.975	-5.206	28.975	4.718	7.107	31.496	33.975	5.5316	1.57537	0.00023	44.4475	250.000
2.3397	8423	44.4475	25.781	37.00	41.250	1759.879	42.980	-5.206	28.976	4.718	7.107	31.496	33.975	5.5316	1.57522	0.00023	44.4477	250.000
2.3400	8424	44.4477	25.781	37.00	41.250	1760.081	42.985	-5.206	28.977	4.718	7.107	31.496	33.975	5.5316	1.57508	0.00023	44.4480	250.000
2.3403	8425	44.4480	25.781	37.00	41.250	1760.283	42.990	-5.206	28.978	4.718	7.106	31.496	33.975	5.5316	1.57494	0.00022	44.4482	250.000
2.3406	8426	44.4482	25.782	37.00	41.250	1760.485	42.995	-5.206	28.978	4.718	7.106	31.496	33.975	5.5316	1.57480	0.00022	44.4484	250.000
2.3408	8427	44.4484	25.782	37.00	41.250	1760.687	43.000	-5.206	28.979	4.718	7.106	31.496	33.975	5.5316	1.57465	0.00022	44.4486	250.000
2.3411	8428	44.4486	25.782	37.00	41.250	1760.889	43.004	-5.206	28.980	4.718	7.106	31.496	33.975	5.5316	1.57451	0.00022	44.4489	250.000
2.3414	8429	44.4489	25.782	37.00	41.250	1761.091	43.009	-5.206	28.981	4.719	7.106	31.496	33.975	5.5316	1.57437	0.00022	44.4491	250.000
2.3417	8430	44.4491	25.782	37.00	41.250	1761.293	43.014	-5.206	28.982	4.719	7.106	31.496	33.975	5.5316	1.57423	0.00022	44.4493	250.000
2.3419	8431	44.4493	25.783	37.00	41.250	1761.495	43.019	-5.206	28.983	4.719	7.106	31.496	33.975	5.5316	1.57408	0.00022	44.4495	250.000
2.3422	8432	44.4495	25.783	37.00	41.250	1761.697	43.024	-5.206	28.984	4.719	7.105	31.496	33.975	5.5316	1.57394	0.00022	44.4498	250.000
2.3425	8433	44.4498	25.783	37.00	41.250	1761.899	43.029	-5.206	28.985	4.719	7.105	31.496	33.975	5.5316	1.57380	0.00022	44.4500	250.000
2.3428	8434	44.4500	25.783	37.00	41.250	1762.101	43.034	-5.206	28.985	4.719	7.105	31.496	33.975	5.5316	1.57366	0.00022	44.4502	250.000
2.3431	8435	44.4502	25.784	37.00	41.250	1762.303	43.039	-5.206	28.986	4.719	7.105	31.496	33.975	5.5316	1.57351	0.00022	44.4504	250.000
2.3433	8436	44.4504	25.784	37.00	41.250	1762.505	43.044	-5.206	28.987	4.720	7.105	31.496	33.975	5.5316	1.57337	0.00022	44.4507	250.000
2.3436	8437	44.4507	25.784	37.00	41.250	1762.707	43.049	-5.206	28.988	4.720	7.105	31.496	33.975	5.5316	1.57323	0.00022	44.4509	250.000
2.3439	8438	44.4509	25.784	37.00	41.250	1762.909	43.054	-5.206	28.989	4.720	7.105	31.496	33.975	5.5316	1.57309	0.00022	44.4511	250.000
2.3442	8439	44.4511	25.784	37.00	41.250	1763.111	43.059	-5.206	28.990	4.720	7.104	31.496	33.975	5.5316	1.57295	0.00022	44.4513	250.000
2.3444	8440	44.4513	25.785	37.00	41.250	1763.313	43.064	-5.206	28.991	4.720	7.104	31.496	33.975	5.5316	1.57280	0.00022	44.4516	250.000
2.3447	8441	44.4516	25.785	37.00	41.250	1763.515	43.069	-5.206	28.992	4.720	7.104	31.496	33.975	5.5316	1.57266	0.00022	44.4518	250.000
2.3450	8442	44.4518	25.785	37.00	41.250	1763.717	43.074	-5.206	28.992	4.720	7.104	31.496	33.975	5.5316	1.57252	0.00022	44.4520	250.000
2.3453	8443	44.4520	25.785	37.00	41.250	1763.919	43.078	-5.206	28.993	4.720	7.104	31.496	33.975	5.5316	1.57238	0.00022	44.4522	250.000
2.3456	8444	44.4522	25.786	37.00	41.250	1764.121	43.083	-5.206	28.994	4.721	7.104	31.496	33.975	5.5316	1.57223	0.00022	44.4525	250.000
2.3458	8445	44.4525	25.786	37.00	41.250	1764.323	43.088	-5.206	28.995	4.721	7.104	31.496	33.975	5.5316	1.57209	0.00022	44.4527	250.000
2.3461	8446	44.4527	25.786	37.00	41.250	1764.525	43.093	-5.206	28.996	4.721	7.104	31.496	33.975	5.5316	1.57195	0.00022	44.4529	250.000
2.3464	8447	44.4529	25.786	37.00	41.250	1764.727	43.098	-5.206	28.997	4.721	7.103	31.496	33.975	5.5316	1.57181	0.00022	44.4531	250.000
2.3467	8448	44.4531	25.787	37.00	41.250	1764.929	43.103	-5.206	28.998	4.721	7.103	31.496	33.975	5.5316	1.57166	0.00022	44.4534	250.000
2.3469	8449	44.4534	25.787	37.00	41.250	1765.131	43.108	-5.206	28.999	4.721	7.103	31.496	33.975	5.5316	1.57152	0.00022	44.4536	250.000
2.3472	8450	44.4536	25.787	37.00	41.250	1765.333	43.113	-5.206	28.999	4.721	7.103	31.496	33.975	5.5316	1.57138	0.00022	44.4538	250.000
2.3475	8451	44.4538	25.787	37.00	41.250	1765.535	43.118	-5.206	29.000	4.722	7.103	31.496	33.975	5.5316	1.57124	0.00022	44.4540	250.000
2.3478	8452	44.4540	25.787	37.00	41.250	1765.737	43.123	-5.206	29.001	4.722	7.103	31.496	33.975	5.5316	1.57110	0.00022	44.4543	250.000
2.3481	8453	44.4543	25.788	37.00	41.250	1765.939	43.128	-5.206	29.002	4.722	7.103	31.496	33.975	5.5316	1.57095	0.00022	44.4545	250.000
2.3483	8454	44.4545	25.788	37.00	41.250	1766.142	43.133	-5.206	29.003	4.722	7.102	31.496	33.975	5.5316	1.57081	0.00022	44.4547	250.000
2.3486	8455	44.4547	25.788	37.00	41.250	1766.344	43.138	-5.206	29.004	4.722	7.102	31.496	33.975	5.5316	1.57067	0.00022	44.4549	250.000
2.3489	8456	44.4549	25.788	37.00	41.250	1766.546	43.143	-5.206	29.005	4.722	7.102	31.496	33.975	5.5316	1.57053	0.00022	44.4551	250.000
2.3492	8457	44.4551	25.789	37.00	41.250	1766.748	43.148	-5.206	29.006	4.722	7.102	31.496	33.975	5.5316	1.57039	0.00022	44.4554	250.000
2.3494	8458	44.4554	25.789	37.00	41.250	1766.950	43.152	-5.206	29.006	4.723	7.102	31.496	33.975	5.5316	1.57024	0.00022	44.4556	250.000
2.3497	8459	44.4556	25.789	37.00	41.250	1767.152	43.157	-5.206	29.007	4.723	7.102	31.496	33.975	5.5316	1.57010	0.00022	44.4558	250.000
2.3500	8460	44.4558	25.789	37.00	41.250	1767.354	43.162	-5.206	29.008	4.723	7.102	31.496	33.975	5.5316	1.56996	0.00022	44.4560	250.000
2.3503	8461	44.4560	25.789	37.00	41.250	1767.556	43.167	-5.206	29.009	4.723	7.101	31.496	33.975	5.5316	1.56982	0.00022	44.4563	250.000
2.3506	8462	44.4563	25.790	37.00	41.250	1767.758	43.172	-5.206	29.010	4.723	7.101	31.496	33.975	5.5316	1.56967	0.00022	44.4565	250.000
2.3508	8463	44.4565	25.790	37.00	41.250	1767.960	43.177	-5.206	29.011	4.723	7.101	31.496	33.975	5.5316	1.56953	0.00022	44.4567	250.000
2.3511	8464	44.4567	25.790	37.00	41.250	1768.162	43.182	-5.206	29.012	4.723	7.101	31.496	33.975	5.5316	1.56939	0.00022	44.4569	250.000
2.3514	8465	44.4569	25.790	37.00	41.250	1768.364	43.187	-5.206	29.013	4.724	7.101	31.496	33.975	5.5316	1.56925	0.00022	44.4572	250.000
2.3517	8466	44.4572	25.791	37.00	41.250	1768.566	43.192	-5.206	29.013	4.724	7.101	31.496	33.975	5.5316	1.56911	0.00022	44.4574	250.000
2.3519	8467	44.4574	25.791	37.00	41.250	1768.768	43.197	-5.206	29.014	4.724	7.101	31.496	33.975	5.5316	1.56896	0.00022	44.4576	250.000
2.3522	8468	44.4576	25.791	37.00	41.250	1768.970	43.202	-5.206	29.015	4.724	7.100	31.496	33.975	5.5316	1.56882	0.00022	44.4578	250.000
2.3525	8469	44.4578	25.791	37.00	41.250	1769.172	43.207	-5.206	29.016	4.724	7.100	31.496	33.975	5.5316	1.56868	0.00022	44.4581	250.000
2.3528	8470	44.4581	25.791	37.00	41.250	1769.374	43.212	-5.206	29.017	4.724	7.100	31.496	33.975	5.5316	1.56854	0.00022	44.4583	250.000

2.3531	8471	44.4583	25.792	37.00	41.250	1769.576	43.217	-5.206	29.018	4.724	7.100	31.496	33.975	5.5316	1.56840	0.00022	44.4585	250.000
2.3533	8472	44.4585	25.792	37.00	41.250	1769.778	43.222	-5.206	29.019	4.725	7.100	31.496	33.975	5.5316	1.56825	0.00022	44.4587	250.000
2.3536	8473	44.4587	25.792	37.00	41.250	1769.980	43.226	-5.206	29.019	4.725	7.100	31.496	33.975	5.5316	1.56811	0.00022	44.4590	250.000
2.3539	8474	44.4590	25.792	37.00	41.250	1770.182	43.231	-5.206	29.020	4.725	7.100	31.496	33.975	5.5316	1.56797	0.00022	44.4592	250.000
2.3542	8475	44.4592	25.793	37.00	41.250	1770.384	43.236	-5.206	29.021	4.725	7.099	31.496	33.975	5.5316	1.56783	0.00022	44.4594	250.000
2.3544	8476	44.4594	25.793	37.00	41.250	1770.586	43.241	-5.206	29.022	4.725	7.099	31.496	33.975	5.5316	1.56769	0.00022	44.4596	250.000
2.3547	8477	44.4596	25.793	37.00	41.250	1770.788	43.246	-5.206	29.023	4.725	7.099	31.496	33.975	5.5316	1.56755	0.00022	44.4599	250.000
2.3550	8478	44.4599	25.793	37.00	41.250	1770.990	43.251	-5.206	29.024	4.725	7.099	31.496	33.975	5.5316	1.56740	0.00022	44.4601	250.000
2.3553	8479	44.4601	25.793	37.00	41.250	1771.192	43.256	-5.206	29.025	4.726	7.099	31.496	33.975	5.5316	1.56726	0.00022	44.4603	250.000
2.3556	8480	44.4603	25.794	37.00	41.250	1771.394	43.261	-5.206	29.026	4.726	7.099	31.496	33.975	5.5316	1.56712	0.00022	44.4605	250.000
2.3558	8481	44.4605	25.794	37.00	41.250	1771.596	43.266	-5.206	29.026	4.726	7.099	31.496	33.975	5.5316	1.56698	0.00022	44.4608	250.000
2.3561	8482	44.4608	25.794	37.00	41.250	1771.798	43.271	-5.206	29.027	4.726	7.098	31.496	33.975	5.5316	1.56684	0.00022	44.4610	250.000
2.3564	8483	44.4610	25.794	37.00	41.250	1772.000	43.276	-5.206	29.028	4.726	7.098	31.496	33.975	5.5316	1.56669	0.00022	44.4612	250.000
2.3567	8484	44.4612	25.795	37.00	41.250	1772.202	43.281	-5.206	29.029	4.726	7.098	31.496	33.975	5.5316	1.56655	0.00022	44.4614	250.000
2.3569	8485	44.4614	25.795	37.00	41.250	1772.404	43.286	-5.206	29.030	4.726	7.098	31.496	33.975	5.5316	1.56641	0.00022	44.4616	250.000
2.3572	8486	44.4616	25.795	37.00	41.250	1772.606	43.291	-5.206	29.031	4.727	7.098	31.496	33.975	5.5316	1.56627	0.00022	44.4619	250.000
2.3575	8487	44.4619	25.795	37.00	41.250	1772.809	43.296	-5.206	29.032	4.727	7.098	31.496	33.975	5.5316	1.56613	0.00022	44.4621	250.000
2.3578	8488	44.4621	25.795	37.00	41.250	1773.011	43.300	-5.206	29.033	4.727	7.098	31.496	33.975	5.5316	1.56599	0.00022	44.4623	250.000
2.3581	8489	44.4623	25.796	37.00	41.250	1773.213	43.305	-5.206	29.033	4.727	7.097	31.496	33.975	5.5316	1.56584	0.00022	44.4625	250.000
2.3583	8490	44.4625	25.796	37.00	41.250	1773.415	43.310	-5.206	29.034	4.727	7.097	31.496	33.975	5.5316	1.56570	0.00022	44.4628	250.000
2.3586	8491	44.4628	25.796	37.00	41.250	1773.617	43.315	-5.206	29.035	4.727	7.097	31.496	33.975	5.5316	1.56556	0.00022	44.4630	250.000
2.3589	8492	44.4630	25.796	37.00	41.250	1773.819	43.320	-5.206	29.036	4.727	7.097	31.496	33.975	5.5316	1.56542	0.00022	44.4632	250.000
2.3592	8493	44.4632	25.797	37.00	41.250	1774.021	43.325	-5.206	29.037	4.728	7.097	31.496	33.975	5.5316	1.56528	0.00022	44.4634	250.000
2.3594	8494	44.4634	25.797	37.00	41.250	1774.223	43.330	-5.206	29.038	4.728	7.097	31.496	33.975	5.5316	1.56514	0.00022	44.4637	250.000
2.3597	8495	44.4637	25.797	37.00	41.250	1774.425	43.335	-5.206	29.039	4.728	7.097	31.496	33.975	5.5316	1.56499	0.00022	44.4639	250.000
2.3600	8496	44.4639	25.797	37.00	41.250	1774.627	43.340	-5.206	29.040	4.728	7.096	31.496	33.975	5.5316	1.56485	0.00022	44.4641	250.000
2.3603	8497	44.4641	25.797	37.00	41.250	1774.829	43.345	-5.206	29.040	4.728	7.096	31.496	33.975	5.5316	1.56471	0.00022	44.4643	250.000
2.3606	8498	44.4643	25.798	37.00	41.250	1775.031	43.350	-5.206	29.041	4.728	7.096	31.496	33.975	5.5316	1.56457	0.00022	44.4646	250.000
2.3608	8499	44.4646	25.798	37.00	41.250	1775.233	43.355	-5.206	29.042	4.728	7.096	31.496	33.975	5.5316	1.56443	0.00022	44.4648	250.000
2.3611	8500	44.4648	25.798	37.00	41.250	1775.435	43.360	-5.206	29.043	4.729	7.096	31.496	33.975	5.5316	1.56429	0.00022	44.4650	250.000
2.3614	8501	44.4650	25.798	37.00	41.250	1775.637	43.365	-5.206	29.044	4.729	7.096	31.496	33.975	5.5316	1.56414	0.00022	44.4652	250.000
2.3617	8502	44.4652	25.799	37.00	41.250	1775.839	43.370	-5.206	29.045	4.729	7.096	31.496	33.975	5.5316	1.56400	0.00022	44.4654	250.000
2.3619	8503	44.4654	25.799	37.00	41.250	1776.041	43.374	-5.206	29.046	4.729	7.095	31.496	33.975	5.5316	1.56386	0.00022	44.4657	250.000
2.3622	8504	44.4657	25.799	37.00	41.250	1776.243	43.379	-5.206	29.046	4.729	7.095	31.496	33.975	5.5316	1.56372	0.00022	44.4659	250.000
2.3625	8505	44.4659	25.799	37.00	41.250	1776.445	43.384	-5.206	29.047	4.729	7.095	31.496	33.975	5.5316	1.56358	0.00022	44.4661	250.000
2.3628	8506	44.4661	25.800	37.00	41.250	1776.647	43.389	-5.206	29.048	4.729	7.095	31.496	33.975	5.5316	1.56344	0.00022	44.4663	250.000
2.3631	8507	44.4663	25.800	37.00	41.250	1776.849	43.394	-5.206	29.049	4.730	7.095	31.496	33.975	5.5316	1.56330	0.00022	44.4666	250.000
2.3633	8508	44.4666	25.800	37.00	41.250	1777.051	43.399	-5.206	29.050	4.730	7.095	31.496	33.975	5.5316	1.56315	0.00022	44.4668	250.000
2.3636	8509	44.4668	25.800	37.00	41.250	1777.253	43.404	-5.206	29.051	4.730	7.095	31.496	33.975	5.5316	1.56301	0.00022	44.4670	250.000
2.3639	8510	44.4670	25.800	37.00	41.250	1777.455	43.409	-5.206	29.052	4.730	7.094	31.496	33.975	5.5316	1.56287	0.00022	44.4672	250.000
2.3642	8511	44.4672	25.801	37.00	41.250	1777.657	43.414	-5.206	29.053	4.730	7.094	31.496	33.975	5.5316	1.56273	0.00022	44.4675	250.000
2.3644	8512	44.4675	25.801	37.00	41.250	1777.859	43.419	-5.206	29.053	4.730	7.094	31.496	33.975	5.5316	1.56259	0.00022	44.4677	250.000
2.3647	8513	44.4677	25.801	37.00	41.250	1778.061	43.424	-5.206	29.054	4.730	7.094	31.496	33.975	5.5316	1.56245	0.00022	44.4679	250.000
2.3650	8514	44.4679	25.801	37.00	41.250	1778.263	43.429	-5.206	29.055	4.731	7.094	31.496	33.975	5.5316	1.56231	0.00022	44.4681	250.000
2.3653	8515	44.4681	25.802	37.00	41.250	1778.465	43.434	-5.206	29.056	4.731	7.094	31.496	33.975	5.5316	1.56216	0.00022	44.4684	250.000
2.3656	8516	44.4684	25.802	37.00	41.250	1778.667	43.439	-5.206	29.057	4.731	7.094	31.496	33.975	5.5316	1.56202	0.00022	44.4686	250.000
2.3658	8517	44.4686	25.802	37.00	41.250	1778.869	43.444	-5.206	29.058	4.731	7.093	31.496	33.975	5.5316	1.56188	0.00022	44.4688	250.000
2.3661	8518	44.4688	25.802	37.00	41.250	1779.071	43.448	-5.206	29.059	4.731	7.093	31.496	33.975	5.5316	1.56174	0.00022	44.4690	250.000
2.3664	8519	44.4690	25.802	37.00	41.250	1779.273	43.453	-5.206	29.060	4.731	7.093	31.496	33.975	5.5316	1.56160	0.00022	44.4692	250.000
2.3667	8520	44.4692	25.803	37.00	41.250	1779.476	43.458	-5.206	29.060	4.731	7.093	31.496	33.975	5.5316	1.56146	0.00022	44.4695	250.000
2.3669	8521	44.4695	25.803	37.00	41.250	1779.678	43.463	-5.206	29.061	4.732	7.093	31.496	33.975	5.5316	1.56132	0.00022	44.4697	250.000
2.3672	8522	44.4697	25.803	37.00	41.250	1779.880	43.468	-5.206	29.062	4.732	7.093	31.496	33.975	5.5316	1.56117	0.00022	44.4699	250.000
2.3675	8523	44.4699	25.803	37.00	41.250	1780.082	43.473	-5.206	29.063	4.732	7.093	31.496	33.975	5.5316	1.56103	0.00022	44.4701	250.000
2.3678	8524	44.4701	25.804	37.00	41.250	1780.284	43.478	-5.206	29.064	4.732	7.092	31.496	33.975	5.5316	1.56089	0.00022	44.4704	250.000
2.3681	8525	44.4704	25.804	37.00	41.250	1780.486	43.483	-5.206	29.065	4.732	7.092	31.496	33.975	5.5316	1.56075	0.00022	44.4706	250.000
2.3683	8526	44.4706	25.804	37.00	41.250	1780.688	43.488	-5.206	29.066	4.732	7.092	31.496	33.975	5.5316	1.56061	0.00022	44.4708	250.000
2.3686	8527	44.4708	25.804	37.00	41.250	1780.890	43.493	-5.206	29.066	4.732	7.092	31.496	33.975	5.5316	1.56047	0.00022	44.4710	250.000
2.3689	8528	44.4710	25.804	37.00	41.250	1781.092	43.498	-5.206	29.067	4.733	7.092	31.496	33.975	5.5316	1.56033	0.00022	44.4713	250.000
2.3692	8529	44.4713	25.805	37.00	41.250	1781.294	43.503	-5.206	29.068	4.733	7.092	31.496	33.975	5.5316	1.56019	0.00022	44.4715	250.000
2.3694	8530	44.4715	25.805	37.00	41.250	1781.496	43.508	-5.206	29.069	4.733	7.092	31.496	33.975	5.5316	1.56004	0.00022	44.4717	250.000
2.3697	8531	44.4717	25.805	37.00	41.250	1781.698	43.513	-5.206	29.070	4.733	7.091	31.496	33.975	5.5316	1.55990	0.00022	44.4719	250.000
2.3700	8532	44.4719	25.805	37.00	41.250	1781.900	43.518	-5.206	29.071	4.733	7.091	31.496	33.975	5.5316	1.55976	0.00022	44.4721	250.000
2.3703	8533	44.4721	25.806	37.00	41.250	1782.102	43.523	-5.206	29.072	4.733	7.091	31.496	33.975	5.5316	1.55962	0.00022	44.4724	250.000
2.3706	8534	44.4724	25.806	37.00	41.250	1782.304	43.527	-5.206	29.073	4.733	7.091	31.496	33.975	5.5316	1.55948	0.00022	44.4726	250.000
2.3708	8535	44.4726	25.806	37.00	41.250	1782.506	43.532	-5.206	29.073	4.734	7.091	31.496	33.975	5.5316	1.55934	0.00022	44.4728	250.000
2.3711	8536	44.4728	25.806	37.00	41.250	1782.708	43.537	-5.206	29.074	4.734	7.091	31.496	33.975	5.5316	1.55920	0.00022	44.4730	250.000
2.3714	8537	44.4730	25.806	37.00	41.250	1782.910	43.542	-5.206	29.075	4.734	7.091	31.496	33.975	5.5316	1.55906	0.00022	44.4733	250.000
2.3717	8538	44.4733	25.807	37.00	41.250	1783.112	43.547	-5.206	29.076	4.734	7.090	31.496	33.975	5.5316	1.55892	0.00022	44.4735	250.000
2.3719	8539	44.4735	25.807	37.00	41.250	1783.314	43.552	-5.206	29.077	4.734	7.090	31.496	33.975	5.5316	1.55877	0.00022	44.4737	250.000
2.3722	8540	44.4737	25.807	37.00	41.250	1783.516	43.557	-5.206	29.078	4.734	7.090	31.496	33.975	5.5316	1.55863	0.00022	44.4739	250.000
2.3725	8541	44.4739	25.807	37.00	41.250	1783.718	43.562	-5.206	29.079	4.734	7.090	31.496	33.975	5.5316	1.55849	0.00022	44.4741	250.000
2.3728	8542	44.4741	25.808	37.00	41.250	1783.920	43.567	-5.206	29.079	4.735	7.090	31.496	33.975	5.5316	1.55835	0.00022	44.4744	250.000
2.3731	8543	44.4744	25.808	37.00	41.250	1784.122	43.572	-5.206	29.080	4.735	7.090	31.496	33.975	5.5316	1.55821	0.00022	44.4746	250.000
2.3733	8544	44.4746	25.808	37.00	41.250	1784.324	43.577	-5.206	29.081	4.735	7.090	31.496	33.975	5.5316	1.55807	0.00022	44.4748	250.000
2.3736	8545	44.4748	25.808	37.00	41.250	1784.526	43.582	-5.206	29.082	4.735	7.089	31.496	33.975	5.5316	1.55793	0.00022	44.4750	250.000
2.3739	8546	44.4750	25.808	37.00	41.250	1784.728	43.587	-5.206	29.083	4.735	7.089	31.496	33.975	5.5316	1.55779	0.00022	44.4753	250.000
2.3742	8547	44.4753	25.809	37.00	41.250	1784.930	43.592	-5.206	29.084	4.735	7.089	31.496	33.975	5.5316	1.55765	0.00022	44.4755	250.000
2.3744	8548	44.4755	25.809	37.00	41.250	1785.132	43.597	-5.206	29.085	4.735	7.089	31.496	33.975	5.5316	1.55751	0.00022	44.4757	250.000
2.3747	8549	44.4757	25.809	37.00	41.250	1785.334	43.601	-5.206	29.086	4.736	7.089	31.496	33.975	5.5316	1.55736	0.00022	44.4759	250.000
2.3750	8550	44.4759	25.809	37.00	41.250	1785.536	43.606	-5.206	29.086	4.736	7.089	31.496	33.975	5.5316	1.55722	0.00022	44.4761	250.000
2.3753	8551	44.4761	25.810	37.00	41.250	1785.738	43.611	-5.206	29.087	4.736	7.089	31.496	33.975	5.5316	1.55708	0.00022	44.4764	250.000

2.3756	8552	44.4764	25.810	37.00	41.250	1785.940	43.616	-5.206	29.088	4.736	7.088	31.496	33.975	5.5316	1.55694	0.00022	44.4766	250.000
2.3758	8553	44.4766	25.810	37.00	41.250	1786.142	43.621	-5.206	29.089	4.736	7.088	31.496	33.975	5.5316	1.55680	0.00022	44.4768	250.000
2.3761	8554	44.4768	25.810	37.00	41.250	1786.345	43.626	-5.206	29.090	4.736	7.088	31.496	33.975	5.5316	1.55666	0.00022	44.4770	250.000
2.3764	8555	44.4770	25.810	37.00	41.250	1786.547	43.631	-5.206	29.091	4.736	7.088	31.496	33.975	5.5316	1.55652	0.00022	44.4773	250.000
2.3767	8556	44.4773	25.811	37.00	41.250	1786.749	43.636	-5.206	29.092	4.736	7.088	31.496	33.975	5.5316	1.55638	0.00022	44.4775	250.000
2.3769	8557	44.4775	25.811	37.00	41.250	1786.951	43.641	-5.206	29.092	4.737	7.088	31.496	33.975	5.5316	1.55624	0.00022	44.4777	250.000
2.3772	8558	44.4777	25.811	37.00	41.250	1787.153	43.646	-5.206	29.093	4.737	7.088	31.496	33.975	5.5316	1.55610	0.00022	44.4779	250.000
2.3775	8559	44.4779	25.811	37.00	41.250	1787.355	43.651	-5.206	29.094	4.737	7.088	31.496	33.975	5.5316	1.55596	0.00022	44.4782	250.000
2.3778	8560	44.4782	25.812	37.00	41.250	1787.557	43.656	-5.206	29.095	4.737	7.087	31.496	33.975	5.5316	1.55582	0.00022	44.4784	250.000
2.3781	8561	44.4784	25.812	37.00	41.250	1787.759	43.661	-5.206	29.096	4.737	7.087	31.496	33.975	5.5316	1.55567	0.00022	44.4786	250.000
2.3783	8562	44.4786	25.812	37.00	41.250	1787.961	43.666	-5.206	29.097	4.737	7.087	31.496	33.975	5.5316	1.55553	0.00022	44.4788	250.000
2.3786	8563	44.4788	25.812	37.00	41.250	1788.163	43.671	-5.206	29.098	4.737	7.087	31.496	33.975	5.5316	1.55539	0.00022	44.4790	250.000
2.3789	8564	44.4790	25.812	37.00	41.250	1788.365	43.675	-5.206	29.098	4.738	7.087	31.496	33.975	5.5316	1.55525	0.00022	44.4793	250.000
2.3792	8565	44.4793	25.813	37.00	41.250	1788.567	43.680	-5.206	29.099	4.738	7.087	31.496	33.975	5.5316	1.55511	0.00022	44.4795	250.000
2.3794	8566	44.4795	25.813	37.00	41.250	1788.769	43.685	-5.206	29.100	4.738	7.087	31.496	33.975	5.5316	1.55497	0.00022	44.4797	250.000
2.3797	8567	44.4797	25.813	37.00	41.250	1788.971	43.690	-5.206	29.101	4.738	7.086	31.496	33.975	5.5316	1.55483	0.00022	44.4799	250.000
2.3800	8568	44.4799	25.813	37.00	41.250	1789.173	43.695	-5.206	29.102	4.738	7.086	31.496	33.975	5.5316	1.55469	0.00022	44.4802	250.000
2.3803	8569	44.4802	25.814	37.00	41.250	1789.375	43.700	-5.206	29.103	4.738	7.086	31.496	33.975	5.5316	1.55455	0.00022	44.4804	250.000
2.3806	8570	44.4804	25.814	37.00	41.250	1789.577	43.705	-5.206	29.104	4.738	7.086	31.496	33.975	5.5316	1.55441	0.00022	44.4806	250.000
2.3808	8571	44.4806	25.814	37.00	41.250	1789.779	43.710	-5.206	29.105	4.739	7.086	31.496	33.975	5.5316	1.55427	0.00022	44.4808	250.000
2.3811	8572	44.4808	25.814	37.00	41.250	1789.981	43.715	-5.206	29.105	4.739	7.086	31.496	33.975	5.5316	1.55413	0.00022	44.4810	250.000
2.3814	8573	44.4810	25.814	37.00	41.250	1790.183	43.720	-5.206	29.106	4.739	7.086	31.496	33.975	5.5316	1.55399	0.00022	44.4813	250.000
2.3817	8574	44.4813	25.815	37.00	41.250	1790.385	43.725	-5.206	29.107	4.739	7.085	31.496	33.975	5.5316	1.55385	0.00022	44.4815	250.000
2.3819	8575	44.4815	25.815	37.00	41.250	1790.587	43.730	-5.206	29.108	4.739	7.085	31.496	33.975	5.5316	1.55370	0.00022	44.4817	250.000
2.3822	8576	44.4817	25.815	37.00	41.250	1790.789	43.735	-5.206	29.109	4.739	7.085	31.496	33.975	5.5316	1.55356	0.00022	44.4819	250.000
2.3825	8577	44.4819	25.815	37.00	41.250	1790.991	43.740	-5.206	29.110	4.739	7.085	31.496	33.975	5.5316	1.55342	0.00022	44.4821	250.000
2.3828	8578	44.4821	25.816	37.00	41.250	1791.193	43.745	-5.206	29.111	4.740	7.085	31.496	33.975	5.5316	1.55328	0.00022	44.4824	250.000
2.3831	8579	44.4824	25.816	37.00	41.250	1791.395	43.749	-5.206	29.111	4.740	7.085	31.496	33.975	5.5316	1.55314	0.00022	44.4826	250.000
2.3833	8580	44.4826	25.816	37.00	41.250	1791.597	43.754	-5.206	29.112	4.740	7.085	31.496	33.975	5.5316	1.55300	0.00022	44.4828	250.000
2.3836	8581	44.4828	25.816	37.00	41.250	1791.799	43.759	-5.206	29.113	4.740	7.084	31.496	33.975	5.5316	1.55286	0.00022	44.4830	250.000
2.3839	8582	44.4830	25.816	37.00	41.250	1792.001	43.764	-5.206	29.114	4.740	7.084	31.496	33.975	5.5316	1.55272	0.00022	44.4833	250.000
2.3842	8583	44.4833	25.817	37.00	41.250	1792.203	43.769	-5.206	29.115	4.740	7.084	31.496	33.975	5.5316	1.55258	0.00022	44.4835	250.000
2.3844	8584	44.4835	25.817	37.00	41.250	1792.405	43.774	-5.206	29.116	4.740	7.084	31.496	33.975	5.5316	1.55244	0.00022	44.4837	250.000
2.3847	8585	44.4837	25.817	37.00	41.250	1792.607	43.779	-5.206	29.117	4.741	7.084	31.496	33.975	5.5316	1.55230	0.00022	44.4839	250.000
2.3850	8586	44.4839	25.817	37.00	41.250	1792.809	43.784	-5.206	29.117	4.741	7.084	31.496	33.975	5.5316	1.55216	0.00022	44.4841	250.000
2.3853	8587	44.4841	25.818	37.00	41.250	1793.012	43.789	-5.206	29.118	4.741	7.084	31.496	33.975	5.5316	1.55202	0.00022	44.4844	250.000
2.3856	8588	44.4844	25.818	37.00	41.250	1793.214	43.794	-5.206	29.119	4.741	7.083	31.496	33.975	5.5316	1.55188	0.00022	44.4846	250.000
2.3858	8589	44.4846	25.818	37.00	41.250	1793.416	43.799	-5.206	29.120	4.741	7.083	31.496	33.975	5.5316	1.55174	0.00022	44.4848	250.000
2.3861	8590	44.4848	25.818	37.00	41.250	1793.618	43.804	-5.206	29.121	4.741	7.083	31.496	33.975	5.5316	1.55160	0.00022	44.4850	250.000
2.3864	8591	44.4850	25.818	37.00	41.250	1793.820	43.809	-5.206	29.122	4.741	7.083	31.496	33.975	5.5316	1.55146	0.00022	44.4853	250.000
2.3867	8592	44.4853	25.819	37.00	41.250	1794.022	43.814	-5.206	29.123	4.742	7.083	31.496	33.975	5.5316	1.55132	0.00022	44.4855	250.000
2.3869	8593	44.4855	25.819	37.00	41.250	1794.224	43.819	-5.206	29.124	4.742	7.083	31.496	33.975	5.5316	1.55118	0.00022	44.4857	250.000
2.3872	8594	44.4857	25.819	37.00	41.250	1794.426	43.823	-5.206	29.124	4.742	7.083	31.496	33.975	5.5316	1.55104	0.00022	44.4859	250.000
2.3875	8595	44.4859	25.819	37.00	41.250	1794.628	43.828	-5.206	29.125	4.742	7.082	31.496	33.975	5.5316	1.55090	0.00022	44.4861	250.000
2.3878	8596	44.4861	25.820	37.00	41.250	1794.830	43.833	-5.206	29.126	4.742	7.082	31.496	33.975	5.5316	1.55075	0.00022	44.4864	250.000
2.3881	8597	44.4864	25.820	37.00	41.250	1795.032	43.838	-5.206	29.127	4.742	7.082	31.496	33.975	5.5316	1.55061	0.00022	44.4866	250.000
2.3883	8598	44.4866	25.820	37.00	41.250	1795.234	43.843	-5.206	29.128	4.742	7.082	31.496	33.975	5.5316	1.55047	0.00022	44.4868	250.000
2.3886	8599	44.4868	25.820	37.00	41.250	1795.436	43.848	-5.206	29.129	4.743	7.082	31.496	33.975	5.5316	1.55033	0.00022	44.4870	250.000
2.3889	8600	44.4870	25.820	37.00	41.250	1795.638	43.853	-5.206	29.130	4.743	7.082	31.496	33.975	5.5316	1.55019	0.00022	44.4872	250.000
2.3892	8601	44.4872	25.821	37.00	41.250	1795.840	43.858	-5.206	29.130	4.743	7.082	31.496	33.975	5.5316	1.55005	0.00022	44.4875	250.000
2.3894	8602	44.4875	25.821	37.00	41.250	1796.042	43.863	-5.206	29.131	4.743	7.081	31.496	33.975	5.5316	1.54991	0.00022	44.4877	250.000
2.3897	8603	44.4877	25.821	37.00	41.250	1796.244	43.868	-5.206	29.132	4.743	7.081	31.496	33.975	5.5316	1.54977	0.00022	44.4879	250.000
2.3900	8604	44.4879	25.821	37.00	41.250	1796.446	43.873	-5.206	29.133	4.743	7.081	31.496	33.975	5.5316	1.54963	0.00022	44.4881	250.000
2.3903	8605	44.4881	25.822	37.00	41.250	1796.648	43.878	-5.206	29.134	4.743	7.081	31.496	33.975	5.5316	1.54949	0.00022	44.4884	250.000
2.3906	8606	44.4884	25.822	37.00	41.250	1796.850	43.883	-5.206	29.135	4.744	7.081	31.496	33.975	5.5316	1.54935	0.00022	44.4886	250.000
2.3908	8607	44.4886	25.822	37.00	41.250	1797.052	43.888	-5.206	29.136	4.744	7.081	31.496	33.975	5.5316	1.54921	0.00022	44.4888	250.000
2.3911	8608	44.4888	25.822	37.00	41.250	1797.254	43.893	-5.206	29.136	4.744	7.081	31.496	33.975	5.5316	1.54907	0.00022	44.4890	250.000
2.3914	8609	44.4890	25.822	37.00	41.250	1797.456	43.897	-5.206	29.137	4.744	7.080	31.496	33.975	5.5316	1.54893	0.00022	44.4892	250.000
2.3917	8610	44.4892	25.823	37.00	41.250	1797.658	43.902	-5.206	29.138	4.744	7.080	31.496	33.975	5.5316	1.54879	0.00022	44.4895	250.000
2.3919	8611	44.4895	25.823	37.00	41.250	1797.860	43.907	-5.206	29.139	4.744	7.080	31.496	33.975	5.5316	1.54865	0.00022	44.4897	250.000
2.3922	8612	44.4897	25.823	37.00	41.250	1798.062	43.912	-5.206	29.140	4.744	7.080	31.496	33.975	5.5316	1.54851	0.00022	44.4899	250.000
2.3925	8613	44.4899	25.823	37.00	41.250	1798.264	43.917	-5.206	29.141	4.745	7.080	31.496	33.975	5.5316	1.54837	0.00022	44.4901	250.000
2.3928	8614	44.4901	25.824	37.00	41.250	1798.466	43.922	-5.206	29.142	4.745	7.080	31.496	33.975	5.5316	1.54823	0.00022	44.4903	250.000
2.3931	8615	44.4903	25.824	37.00	41.250	1798.668	43.927	-5.206	29.142	4.745	7.080	31.496	33.975	5.5316	1.54809	0.00022	44.4906	250.000
2.3933	8616	44.4906	25.824	37.00	41.250	1798.870	43.932	-5.206	29.143	4.745	7.080	31.496	33.975	5.5316	1.54795	0.00022	44.4908	250.000
2.3936	8617	44.4908	25.824	37.00	41.250	1799.072	43.937	-5.206	29.144	4.745	7.079	31.496	33.975	5.5316	1.54781	0.00022	44.4910	250.000
2.3939	8618	44.4910	25.824	37.00	41.250	1799.274	43.942	-5.206	29.145	4.745	7.079	31.496	33.975	5.5316	1.54767	0.00022	44.4912	250.000
2.3942	8619	44.4912	25.825	37.00	41.250	1799.476	43.947	-5.206	29.146	4.745	7.079	31.496	33.975	5.5316	1.54753	0.00022	44.4915	250.000
2.3944	8620	44.4915	25.825	37.00	41.250	1799.679	43.952	-5.206	29.147	4.745	7.079	31.496	33.975	5.5316	1.54739	0.00022	44.4917	250.000
2.3947	8621	44.4917	25.825	37.00	41.250	1799.881	43.957	-5.206	29.148	4.746	7.079	31.496	33.975	5.5316	1.54725	0.00022	44.4919	250.000
2.3950	8622	44.4919	25.825	37.00	41.250	1800.083	43.962	-5.206	29.148	4.746	7.079	31.496	33.975	5.5316	1.54711	0.00022	44.4921	250.000
2.3953	8623	44.4921	25.826	37.00	41.250	1800.285	43.967	-5.206	29.149	4.746	7.079	31.496	33.975	5.5316	1.54697	0.00022	44.4923	250.000
2.3956	8624	44.4923	25.826	37.00	41.250	1800.487	43.971	-5.206	29.150	4.746	7.078	31.496	33.975	5.5316	1.54683	0.00022	44.4926	250.000
2.3958	8625	44.4926	25.826	37.00	41.250	1800.689	43.976	-5.206	29.151	4.746	7.078	31.496	33.975	5.5316	1.54669	0.00022	44.4928	250.000
2.3961	8626	44.4928	25.826	37.00	41.250	1800.891	43.981	-5.206	29.152	4.746	7.078	31.496	33.975	5.5316	1.54655	0.00022	44.4930	250.000
2.3964	8627	44.4930	25.826	37.00	41.250	1801.093	43.986	-5.206	29.153	4.746	7.078	31.496	33.975	5.5316	1.54641	0.00022	44.4932	250.000
2.3967	8628	44.4932	25.827	37.00	41.250	1801.295	43.991	-5.206	29.154	4.747	7.078	31.496	33.975	5.5316	1.54627	0.00022	44.4934	250.000
2.3969	8629	44.4934	25.827	37.00	41.250	1801.497	43.996	-5.206	29.155	4.747	7.078	31.496	33.975	5.5316	1.54613	0.00022	44.4937	250.000
2.3972	8630	44.4937	25.827	37.00	41.250	1801.699	44.001	-5.206	29.155	4.747	7.078	31.496	33.975	5.5316	1.54599	0.00022	44.4939	250.000
2.3975	8631	44.4939	25.827	37.00	41.250	1801.901	44.006	-5.206	29.156	4.747	7.077	31.496	33.975	5.5316	1.54585	0.00022	44.4941	250.000
2.3978	8632	44.4941	25.827	37.00	41.250	1802.103	44.011	-5.206	29.157	4.747	7.077	31.496	33.975	5.5316	1.54571	0.00022	44.4943	250.000

2.3981	8633	44.4943	25.828	37.00	41.250	1802.305	44.016	-5.206	29.158	4.747	7.077	31.496	33.975	5.5316	1.54557	0.00022	44.4945	250.000
2.3983	8634	44.4945	25.828	37.00	41.250	1802.507	44.021	-5.206	29.159	4.747	7.077	31.496	33.975	5.5316	1.54543	0.00022	44.4948	250.000
2.3986	8635	44.4948	25.828	37.00	41.250	1802.709	44.026	-5.206	29.160	4.748	7.077	31.496	33.975	5.5316	1.54529	0.00022	44.4950	250.000
2.3989	8636	44.4950	25.828	37.00	41.250	1802.911	44.031	-5.206	29.161	4.748	7.077	31.496	33.975	5.5316	1.54515	0.00022	44.4952	250.000
2.3992	8637	44.4952	25.829	37.00	41.250	1803.113	44.036	-5.206	29.161	4.748	7.077	31.496	33.975	5.5316	1.54501	0.00022	44.4954	250.000
2.3994	8638	44.4954	25.829	37.00	41.250	1803.315	44.041	-5.206	29.162	4.748	7.076	31.496	33.975	5.5316	1.54487	0.00022	44.4956	250.000
2.3997	8639	44.4956	25.829	37.00	41.250	1803.517	44.046	-5.206	29.163	4.748	7.076	31.496	33.975	5.5316	1.54473	0.00022	44.4959	250.000
2.4000	8640	44.4959	25.829	37.00	41.250	1803.719	44.050	-5.206	29.164	4.748	7.076	31.496	33.975	5.5316	1.54459	0.00022	44.4961	250.000
2.4003	8641	44.4961	25.829	37.00	41.250	1803.921	44.055	-5.206	29.165	4.748	7.076	31.496	33.975	5.5316	1.54445	0.00022	44.4963	250.000
2.4006	8642	44.4963	25.830	37.00	41.250	1804.123	44.060	-5.206	29.166	4.749	7.076	31.496	33.975	5.5316	1.54431	0.00022	44.4965	250.000
2.4008	8643	44.4965	25.830	37.00	41.250	1804.325	44.065	-5.206	29.167	4.749	7.076	31.496	33.975	5.5316	1.54417	0.00022	44.4968	250.000
2.4011	8644	44.4968	25.830	37.00	41.250	1804.527	44.070	-5.206	29.167	4.749	7.076	31.496	33.975	5.5316	1.54403	0.00022	44.4970	250.000
2.4014	8645	44.4970	25.830	37.00	41.250	1804.729	44.075	-5.206	29.168	4.749	7.075	31.496	33.975	5.5316	1.54389	0.00022	44.4972	250.000
2.4017	8646	44.4972	25.831	37.00	41.250	1804.931	44.080	-5.206	29.169	4.749	7.075	31.496	33.975	5.5316	1.54375	0.00022	44.4974	250.000
2.4019	8647	44.4974	25.831	37.00	41.250	1805.133	44.085	-5.206	29.170	4.749	7.075	31.496	33.975	5.5316	1.54361	0.00022	44.4976	250.000
2.4022	8648	44.4976	25.831	37.00	41.250	1805.335	44.090	-5.206	29.171	4.749	7.075	31.496	33.975	5.5316	1.54347	0.00022	44.4979	250.000
2.4025	8649	44.4979	25.831	37.00	41.250	1805.537	44.095	-5.206	29.172	4.750	7.075	31.496	33.975	5.5316	1.54333	0.00022	44.4981	250.000
2.4028	8650	44.4981	25.831	37.00	41.250	1805.739	44.100	-5.206	29.173	4.750	7.075	31.496	33.975	5.5316	1.54319	0.00022	44.4983	250.000
2.4031	8651	44.4983	25.832	37.00	41.250	1805.941	44.105	-5.206	29.173	4.750	7.075	31.496	33.975	5.5316	1.54306	0.00022	44.4985	250.000
2.4033	8652	44.4985	25.832	37.00	41.250	1806.143	44.110	-5.206	29.174	4.750	7.074	31.496	33.975	5.5316	1.54292	0.00022	44.4987	250.000
2.4036	8653	44.4987	25.832	37.00	41.250	1806.345	44.115	-5.206	29.175	4.750	7.074	31.496	33.975	5.5316	1.54278	0.00022	44.4990	250.000
2.4039	8654	44.4990	25.832	37.00	41.250	1806.548	44.120	-5.206	29.176	4.750	7.074	31.496	33.975	5.5316	1.54264	0.00022	44.4992	250.000
2.4042	8655	44.4992	25.833	37.00	41.250	1806.750	44.124	-5.206	29.177	4.750	7.074	31.496	33.975	5.5316	1.54250	0.00022	44.4994	250.000
2.4044	8656	44.4994	25.833	37.00	41.250	1806.952	44.129	-5.206	29.178	4.751	7.074	31.496	33.975	5.5316	1.54236	0.00022	44.4996	250.000
2.4047	8657	44.4996	25.833	37.00	41.250	1807.154	44.134	-5.206	29.179	4.751	7.074	31.496	33.975	5.5316	1.54222	0.00022	44.4998	250.000
2.4050	8658	44.4998	25.833	37.00	41.250	1807.356	44.139	-5.206	29.179	4.751	7.074	31.496	33.975	5.5316	1.54208	0.00022	44.5001	250.000
2.4053	8659	44.5001	25.833	37.00	41.250	1807.558	44.144	-5.206	29.180	4.751	7.073	31.496	33.975	5.5316	1.54194	0.00022	44.5003	250.000
2.4056	8660	44.5003	25.834	37.00	41.250	1807.760	44.149	-5.206	29.181	4.751	7.073	31.496	33.975	5.5316	1.54180	0.00022	44.5005	250.000
2.4058	8661	44.5005	25.834	37.00	41.250	1807.962	44.154	-5.206	29.182	4.751	7.073	31.496	33.975	5.5316	1.54166	0.00022	44.5007	250.000
2.4061	8662	44.5007	25.834	37.00	41.250	1808.164	44.159	-5.206	29.183	4.751	7.073	31.496	33.975	5.5316	1.54152	0.00022	44.5009	250.000
2.4064	8663	44.5009	25.834	37.00	41.250	1808.366	44.164	-5.206	29.184	4.751	7.073	31.496	33.975	5.5316	1.54138	0.00022	44.5012	250.000
2.4067	8664	44.5012	25.835	37.00	41.250	1808.568	44.169	-5.206	29.185	4.752	7.073	31.496	33.975	5.5316	1.54124	0.00022	44.5014	250.000
2.4069	8665	44.5014	25.835	37.00	41.250	1808.770	44.174	-5.206	29.185	4.752	7.073	31.496	33.975	5.5316	1.54110	0.00022	44.5016	250.000
2.4072	8666	44.5016	25.835	37.00	41.250	1808.972	44.179	-5.206	29.186	4.752	7.073	31.496	33.975	5.5316	1.54096	0.00022	44.5018	250.000
2.4075	8667	44.5018	25.835	37.00	41.250	1809.174	44.184	-5.206	29.187	4.752	7.072	31.496	33.975	5.5316	1.54082	0.00022	44.5020	250.000
2.4078	8668	44.5020	25.835	37.00	41.250	1809.376	44.189	-5.206	29.188	4.752	7.072	31.496	33.975	5.5316	1.54068	0.00022	44.5023	250.000
2.4081	8669	44.5023	25.836	37.00	41.250	1809.578	44.194	-5.206	29.189	4.752	7.072	31.496	33.975	5.5316	1.54054	0.00022	44.5025	250.000
2.4083	8670	44.5025	25.836	37.00	41.250	1809.780	44.198	-5.206	29.190	4.752	7.072	31.496	33.975	5.5316	1.54040	0.00022	44.5027	250.000
2.4086	8671	44.5027	25.836	37.00	41.250	1809.982	44.203	-5.206	29.191	4.753	7.072	31.496	33.975	5.5316	1.54026	0.00022	44.5029	250.000
2.4089	8672	44.5029	25.836	37.00	41.250	1810.184	44.208	-5.206	29.191	4.753	7.072	31.496	33.975	5.5316	1.54013	0.00022	44.5031	250.000
2.4092	8673	44.5031	25.837	37.00	41.250	1810.386	44.213	-5.206	29.192	4.753	7.072	31.496	33.975	5.5316	1.53999	0.00022	44.5034	250.000
2.4094	8674	44.5034	25.837	37.00	41.250	1810.588	44.218	-5.206	29.193	4.753	7.071	31.496	33.975	5.5316	1.53985	0.00022	44.5036	250.000
2.4097	8675	44.5036	25.837	37.00	41.250	1810.790	44.223	-5.206	29.194	4.753	7.071	31.496	33.975	5.5316	1.53971	0.00022	44.5038	250.000
2.4100	8676	44.5038	25.837	37.00	41.250	1810.992	44.228	-5.206	29.195	4.753	7.071	31.496	33.975	5.5316	1.53957	0.00022	44.5040	250.000
2.4103	8677	44.5040	25.837	37.00	41.250	1811.194	44.233	-5.206	29.196	4.753	7.071	31.496	33.975	5.5316	1.53943	0.00022	44.5042	250.000
2.4106	8678	44.5042	25.838	37.00	41.250	1811.396	44.238	-5.206	29.197	4.754	7.071	31.496	33.975	5.5316	1.53929	0.00022	44.5045	250.000
2.4108	8679	44.5045	25.838	37.00	41.250	1811.598	44.243	-5.206	29.197	4.754	7.071	31.496	33.975	5.5316	1.53915	0.00022	44.5047	250.000
2.4111	8680	44.5047	25.838	37.00	41.250	1811.800	44.248	-5.206	29.198	4.754	7.071	31.496	33.975	5.5316	1.53901	0.00022	44.5049	250.000
2.4114	8681	44.5049	25.838	37.00	41.250	1812.002	44.253	-5.206	29.199	4.754	7.070	31.496	33.975	5.5316	1.53887	0.00022	44.5051	250.000
2.4117	8682	44.5051	25.839	37.00	41.250	1812.204	44.258	-5.206	29.200	4.754	7.070	31.496	33.975	5.5316	1.53873	0.00022	44.5053	250.000
2.4119	8683	44.5053	25.839	37.00	41.250	1812.406	44.263	-5.206	29.201	4.754	7.070	31.496	33.975	5.5316	1.53859	0.00022	44.5056	250.000
2.4122	8684	44.5056	25.839	37.00	41.250	1812.608	44.268	-5.206	29.202	4.754	7.070	31.496	33.975	5.5316	1.53845	0.00022	44.5058	250.000
2.4125	8685	44.5058	25.839	37.00	41.250	1812.810	44.272	-5.206	29.203	4.755	7.070	31.496	33.975	5.5316	1.53831	0.00022	44.5060	250.000
2.4128	8686	44.5060	25.839	37.00	41.250	1813.012	44.277	-5.206	29.203	4.755	7.070	31.496	33.975	5.5316	1.53818	0.00022	44.5062	250.000
2.4131	8687	44.5062	25.840	37.00	41.250	1813.215	44.282	-5.206	29.204	4.755	7.070	31.496	33.975	5.5316	1.53804	0.00022	44.5064	250.000
2.4133	8688	44.5064	25.840	37.00	41.250	1813.417	44.287	-5.206	29.205	4.755	7.069	31.496	33.975	5.5316	1.53790	0.00022	44.5067	250.000
2.4136	8689	44.5067	25.840	37.00	41.250	1813.619	44.292	-5.206	29.206	4.755	7.069	31.496	33.975	5.5316	1.53776	0.00022	44.5069	250.000
2.4139	8690	44.5069	25.840	37.00	41.250	1813.821	44.297	-5.206	29.207	4.755	7.069	31.496	33.975	5.5316	1.53762	0.00022	44.5071	250.000
2.4142	8691	44.5071	25.840	37.00	41.250	1814.023	44.302	-5.206	29.208	4.755	7.069	31.496	33.975	5.5316	1.53748	0.00022	44.5073	250.000
2.4144	8692	44.5073	25.841	37.00	41.250	1814.225	44.307	-5.206	29.208	4.756	7.069	31.496	33.975	5.5316	1.53734	0.00022	44.5075	250.000
2.4147	8693	44.5075	25.841	37.00	41.250	1814.427	44.312	-5.206	29.209	4.756	7.069	31.496	33.975	5.5316	1.53720	0.00022	44.5078	250.000
2.4150	8694	44.5078	25.841	37.00	41.250	1814.629	44.317	-5.206	29.210	4.756	7.069	31.496	33.975	5.5316	1.53706	0.00022	44.5080	250.000
2.4153	8695	44.5080	25.841	37.00	41.250	1814.831	44.322	-5.206	29.211	4.756	7.068	31.496	33.975	5.5316	1.53692	0.00022	44.5082	250.000
2.4156	8696	44.5082	25.842	37.00	41.250	1815.033	44.327	-5.206	29.212	4.756	7.068	31.496	33.975	5.5316	1.53678	0.00022	44.5084	250.000
2.4158	8697	44.5084	25.842	37.00	41.250	1815.235	44.332	-5.206	29.213	4.756	7.068	31.496	33.975	5.5316	1.53665	0.00022	44.5086	250.000
2.4161	8698	44.5086	25.842	37.00	41.250	1815.437	44.337	-5.206	29.214	4.756	7.068	31.496	33.975	5.5316	1.53651	0.00022	44.5089	250.000
2.4164	8699	44.5089	25.842	37.00	41.250	1815.639	44.342	-5.206	29.214	4.757	7.068	31.496	33.975	5.5316	1.53637	0.00022	44.5091	250.000
2.4167	8700	44.5091	25.842	37.00	41.250	1815.841	44.346	-5.206	29.215	4.757	7.068	31.496	33.975	5.5316	1.53623	0.00022	44.5093	250.000
2.4169	8701	44.5093	25.843	37.00	41.250	1816.043	44.351	-5.206	29.216	4.757	7.068	31.496	33.975	5.5316	1.53609	0.00022	44.5095	250.000
2.4172	8702	44.5095	25.843	37.00	41.250	1816.245	44.356	-5.206	29.217	4.757	7.068	31.496	33.975	5.5316	1.53595	0.00022	44.5097	250.000
2.4175	8703	44.5097	25.843	37.00	41.250	1816.447	44.361	-5.206	29.218	4.757	7.067	31.496	33.975	5.5316	1.53581	0.00022	44.5099	250.000
2.4178	8704	44.5099	25.843	37.00	41.250	1816.649	44.366	-5.206	29.219	4.757	7.067	31.496	33.975	5.5316	1.53567	0.00022	44.5102	250.000
2.4181	8705	44.5102	25.844	37.00	41.250	1816.851	44.371	-5.206	29.220	4.757	7.067	31.496	33.975	5.5316	1.53553	0.00022	44.5104	250.000
2.4183	8706	44.5104	25.844	37.00	41.250	1817.053	44.376	-5.206	29.220	4.757	7.067	31.496	33.975	5.5316	1.53539	0.00022	44.5106	250.000
2.4186	8707	44.5106	25.844	37.00	41.250	1817.255	44.381	-5.206	29.221	4.758	7.067	31.496	33.975	5.5316	1.53526	0.00022	44.5108	250.000
2.4189	8708	44.5108	25.844	37.00	41.250	1817.457	44.386	-5.206	29.222	4.758	7.067	31.496	33.975	5.5316	1.53512	0.00022	44.5110	250.000
2.4192	8709	44.5110	25.844	37.00	41.250	1817.659	44.391	-5.206	29.223	4.758	7.067	31.496	33.975	5.5316	1.53498	0.00022	44.5113	250.000
2.4194	8710	44.5113	25.845	37.00	41.250	1817.861	44.396	-5.206	29.224	4.758	7.066	31.496	33.975	5.5316	1.53484	0.00022	44.5115	250.000
2.4197	8711	44.5115	25.845	37.00	41.250	1818.063	44.401	-5.206	29.225	4.758	7.066	31.496	33.975	5.5316	1.53470	0.00022	44.5117	250.000
2.4200	8712	44.5117	25.845	37.00	41.250	1818.265	44.406	-5.206	29.226	4.758	7.066	31.496	33.975	5.5316	1.53456	0.00022	44.5119	250.000
2.4203	8713	44.5119	25.845	37.00	41.250	1818.467	44.411	-5.206	29.226	4.758	7.066	31.496	33.975	5.5316	1.53442	0.00022	44.5121	250.000

2.4206	8714	44.5121	25.846	37.00	41.250	1818.669	44.416	-5.206	29.227	4.759	7.066	31.496	33.975	5.5316	1.53428	0.00022	44.5124	250.000
2.4208	8715	44.5124	25.846	37.00	41.250	1818.871	44.420	-5.206	29.228	4.759	7.066	31.496	33.975	5.5316	1.53414	0.00022	44.5126	250.000
2.4211	8716	44.5126	25.846	37.00	41.250	1819.073	44.425	-5.206	29.229	4.759	7.066	31.496	33.975	5.5316	1.53401	0.00022	44.5128	250.000
2.4214	8717	44.5128	25.846	37.00	41.250	1819.275	44.430	-5.206	29.230	4.759	7.065	31.496	33.975	5.5316	1.53387	0.00022	44.5130	250.000
2.4217	8718	44.5130	25.846	37.00	41.250	1819.477	44.435	-5.206	29.231	4.759	7.065	31.496	33.975	5.5316	1.53373	0.00022	44.5132	250.000
2.4219	8719	44.5132	25.847	37.00	41.250	1819.679	44.440	-5.206	29.232	4.759	7.065	31.496	33.975	5.5316	1.53359	0.00022	44.5135	250.000
2.4222	8720	44.5135	25.847	37.00	41.250	1819.881	44.445	-5.206	29.232	4.759	7.065	31.496	33.975	5.5316	1.53345	0.00022	44.5137	250.000
2.4225	8721	44.5137	25.847	37.00	41.250	1820.084	44.450	-5.206	29.233	4.760	7.065	31.496	33.975	5.5316	1.53331	0.00022	44.5139	250.000
2.4228	8722	44.5139	25.847	37.00	41.250	1820.286	44.455	-5.206	29.234	4.760	7.065	31.496	33.975	5.5316	1.53317	0.00022	44.5141	250.000
2.4231	8723	44.5141	25.848	37.00	41.250	1820.488	44.460	-5.206	29.235	4.760	7.065	31.496	33.975	5.5316	1.53303	0.00022	44.5143	250.000
2.4233	8724	44.5143	25.848	37.00	41.250	1820.690	44.465	-5.206	29.236	4.760	7.064	31.496	33.975	5.5316	1.53290	0.00022	44.5146	250.000
2.4236	8725	44.5146	25.848	37.00	41.250	1820.892	44.470	-5.206	29.237	4.760	7.064	31.496	33.975	5.5316	1.53276	0.00022	44.5148	250.000
2.4239	8726	44.5148	25.848	37.00	41.250	1821.094	44.475	-5.206	29.238	4.760	7.064	31.496	33.975	5.5316	1.53262	0.00022	44.5150	250.000
2.4242	8727	44.5150	25.848	37.00	41.250	1821.296	44.480	-5.206	29.238	4.760	7.064	31.496	33.975	5.5316	1.53248	0.00022	44.5152	250.000
2.4244	8728	44.5152	25.849	37.00	41.250	1821.498	44.485	-5.206	29.239	4.761	7.064	31.496	33.975	5.5316	1.53234	0.00022	44.5154	250.000
2.4247	8729	44.5154	25.849	37.00	41.250	1821.700	44.490	-5.206	29.240	4.761	7.064	31.496	33.975	5.5316	1.53220	0.00022	44.5156	250.000
2.4250	8730	44.5156	25.849	37.00	41.250	1821.902	44.494	-5.206	29.241	4.761	7.064	31.496	33.975	5.5316	1.53206	0.00022	44.5159	250.000
2.4253	8731	44.5159	25.849	37.00	41.250	1822.104	44.499	-5.206	29.242	4.761	7.063	31.496	33.975	5.5316	1.53192	0.00022	44.5161	250.000
2.4256	8732	44.5161	25.849	37.00	41.250	1822.306	44.504	-5.206	29.243	4.761	7.063	31.496	33.975	5.5316	1.53179	0.00022	44.5163	250.000
2.4258	8733	44.5163	25.850	37.00	41.250	1822.508	44.509	-5.206	29.243	4.761	7.063	31.496	33.975	5.5316	1.53165	0.00022	44.5165	250.000
2.4261	8734	44.5165	25.850	37.00	41.250	1822.710	44.514	-5.206	29.244	4.761	7.063	31.496	33.975	5.5316	1.53151	0.00022	44.5167	250.000
2.4264	8735	44.5167	25.850	37.00	41.250	1822.912	44.519	-5.206	29.245	4.762	7.063	31.496	33.975	5.5316	1.53137	0.00022	44.5170	250.000
2.4267	8736	44.5170	25.850	37.00	41.250	1823.114	44.524	-5.206	29.246	4.762	7.063	31.496	33.975	5.5316	1.53123	0.00022	44.5172	250.000
2.4269	8737	44.5172	25.851	37.00	41.250	1823.316	44.529	-5.206	29.247	4.762	7.063	31.496	33.975	5.5316	1.53109	0.00022	44.5174	250.000
2.4272	8738	44.5174	25.851	37.00	41.250	1823.518	44.534	-5.206	29.248	4.762	7.063	31.496	33.975	5.5316	1.53095	0.00022	44.5176	250.000
2.4275	8739	44.5176	25.851	37.00	41.250	1823.720	44.539	-5.206	29.249	4.762	7.062	31.496	33.975	5.5316	1.53082	0.00022	44.5178	250.000
2.4278	8740	44.5178	25.851	37.00	41.250	1823.922	44.544	-5.206	29.249	4.762	7.062	31.496	33.975	5.5316	1.53068	0.00022	44.5181	250.000
2.4281	8741	44.5181	25.851	37.00	41.250	1824.124	44.549	-5.206	29.250	4.762	7.062	31.496	33.975	5.5316	1.53054	0.00022	44.5183	250.000
2.4283	8742	44.5183	25.852	37.00	41.250	1824.326	44.554	-5.206	29.251	4.762	7.062	31.496	33.975	5.5316	1.53040	0.00022	44.5185	250.000
2.4286	8743	44.5185	25.852	37.00	41.250	1824.528	44.559	-5.206	29.252	4.763	7.062	31.496	33.975	5.5316	1.53026	0.00022	44.5187	250.000
2.4289	8744	44.5187	25.852	37.00	41.250	1824.730	44.564	-5.206	29.253	4.763	7.062	31.496	33.975	5.5316	1.53012	0.00022	44.5189	250.000
2.4292	8745	44.5189	25.852	37.00	41.250	1824.932	44.569	-5.206	29.254	4.763	7.062	31.496	33.975	5.5316	1.52998	0.00022	44.5191	250.000
2.4294	8746	44.5191	25.853	37.00	41.250	1825.134	44.573	-5.206	29.255	4.763	7.061	31.496	33.975	5.5316	1.52985	0.00022	44.5194	250.000
2.4297	8747	44.5194	25.853	37.00	41.250	1825.336	44.578	-5.206	29.255	4.763	7.061	31.496	33.975	5.5316	1.52971	0.00022	44.5196	250.000
2.4300	8748	44.5196	25.853	37.00	41.250	1825.538	44.583	-5.206	29.256	4.763	7.061	31.496	33.975	5.5316	1.52957	0.00022	44.5198	250.000
2.4303	8749	44.5198	25.853	37.00	41.250	1825.740	44.588	-5.206	29.257	4.763	7.061	31.496	33.975	5.5316	1.52943	0.00022	44.5200	250.000
2.4306	8750	44.5200	25.853	37.00	41.250	1825.942	44.593	-5.206	29.258	4.764	7.061	31.496	33.975	5.5316	1.52929	0.00022	44.5202	250.000
2.4308	8751	44.5202	25.854	37.00	41.250	1826.144	44.598	-5.206	29.259	4.764	7.061	31.496	33.975	5.5316	1.52915	0.00022	44.5205	250.000
2.4311	8752	44.5205	25.854	37.00	41.250	1826.346	44.603	-5.206	29.260	4.764	7.061	31.496	33.975	5.5316	1.52902	0.00022	44.5207	250.000
2.4314	8753	44.5207	25.854	37.00	41.250	1826.548	44.608	-5.206	29.260	4.764	7.060	31.496	33.975	5.5316	1.52888	0.00022	44.5209	250.000
2.4317	8754	44.5209	25.854	37.00	41.250	1826.751	44.613	-5.206	29.261	4.764	7.060	31.496	33.975	5.5316	1.52874	0.00022	44.5211	250.000
2.4319	8755	44.5211	25.855	37.00	41.250	1826.953	44.618	-5.206	29.262	4.764	7.060	31.496	33.975	5.5316	1.52860	0.00022	44.5213	250.000
2.4322	8756	44.5213	25.855	37.00	41.250	1827.155	44.623	-5.206	29.263	4.764	7.060	31.496	33.975	5.5316	1.52846	0.00022	44.5215	250.000
2.4325	8757	44.5215	25.855	37.00	41.250	1827.357	44.628	-5.206	29.264	4.765	7.060	31.496	33.975	5.5316	1.52832	0.00022	44.5218	250.000
2.4328	8758	44.5218	25.855	37.00	41.250	1827.559	44.633	-5.206	29.265	4.765	7.060	31.496	33.975	5.5316	1.52819	0.00022	44.5220	250.000
2.4331	8759	44.5220	25.855	37.00	41.250	1827.761	44.638	-5.206	29.266	4.765	7.060	31.496	33.975	5.5316	1.52805	0.00022	44.5222	250.000
2.4333	8760	44.5222	25.856	37.00	41.250	1827.963	44.643	-5.206	29.266	4.765	7.059	31.496	33.975	5.5316	1.52791	0.00022	44.5224	250.000
2.4336	8761	44.5224	25.856	37.00	41.250	1828.165	44.647	-5.206	29.267	4.765	7.059	31.496	33.975	5.5316	1.52777	0.00022	44.5226	250.000
2.4339	8762	44.5226	25.856	37.00	41.250	1828.367	44.652	-5.206	29.268	4.765	7.059	31.496	33.975	5.5316	1.52763	0.00022	44.5229	250.000
2.4342	8763	44.5229	25.856	37.00	41.250	1828.569	44.657	-5.206	29.269	4.765	7.059	31.496	33.975	5.5316	1.52749	0.00022	44.5231	250.000
2.4344	8764	44.5231	25.856	37.00	41.250	1828.771	44.662	-5.206	29.270	4.766	7.059	31.496	33.975	5.5316	1.52736	0.00022	44.5233	250.000
2.4347	8765	44.5233	25.857	37.00	41.250	1828.973	44.667	-5.206	29.271	4.766	7.059	31.496	33.975	5.5316	1.52722	0.00022	44.5235	250.000
2.4350	8766	44.5235	25.857	37.00	41.250	1829.175	44.672	-5.206	29.272	4.766	7.059	31.496	33.975	5.5316	1.52708	0.00022	44.5237	250.000
2.4353	8767	44.5237	25.857	37.00	41.250	1829.377	44.677	-5.206	29.272	4.766	7.058	31.496	33.975	5.5316	1.52694	0.00022	44.5240	250.000
2.4356	8768	44.5240	25.857	37.00	41.250	1829.579	44.682	-5.206	29.273	4.766	7.058	31.496	33.975	5.5316	1.52680	0.00022	44.5242	250.000
2.4358	8769	44.5242	25.858	37.00	41.250	1829.781	44.687	-5.206	29.274	4.766	7.058	31.496	33.975	5.5316	1.52667	0.00022	44.5244	250.000
2.4361	8770	44.5244	25.858	37.00	41.250	1829.983	44.692	-5.206	29.275	4.766	7.058	31.496	33.975	5.5316	1.52653	0.00022	44.5246	250.000
2.4364	8771	44.5246	25.858	37.00	41.250	1830.185	44.697	-5.206	29.276	4.766	7.058	31.496	33.975	5.5316	1.52639	0.00022	44.5248	250.000
2.4367	8772	44.5248	25.858	37.00	41.250	1830.387	44.702	-5.206	29.277	4.767	7.058	31.496	33.975	5.5316	1.52625	0.00022	44.5250	250.000
2.4369	8773	44.5250	25.858	37.00	41.250	1830.589	44.707	-5.206	29.277	4.767	7.058	31.496	33.975	5.5316	1.52611	0.00022	44.5253	250.000
2.4372	8774	44.5253	25.859	37.00	41.250	1830.791	44.712	-5.206	29.278	4.767	7.058	31.496	33.975	5.5316	1.52597	0.00022	44.5255	250.000
2.4375	8775	44.5255	25.859	37.00	41.250	1830.993	44.717	-5.206	29.279	4.767	7.057	31.496	33.975	5.5316	1.52584	0.00022	44.5257	250.000
2.4378	8776	44.5257	25.859	37.00	41.250	1831.195	44.721	-5.206	29.280	4.767	7.057	31.496	33.975	5.5316	1.52570	0.00022	44.5259	250.000
2.4381	8777	44.5259	25.859	37.00	41.250	1831.397	44.726	-5.206	29.281	4.767	7.057	31.496	33.975	5.5316	1.52556	0.00022	44.5261	250.000
2.4383	8778	44.5261	25.860	37.00	41.250	1831.599	44.731	-5.206	29.282	4.767	7.057	31.496	33.975	5.5316	1.52542	0.00022	44.5263	250.000
2.4386	8779	44.5263	25.860	37.00	41.250	1831.801	44.736	-5.206	29.283	4.768	7.057	31.496	33.975	5.5316	1.52528	0.00022	44.5266	250.000
2.4389	8780	44.5266	25.860	37.00	41.250	1832.003	44.741	-5.206	29.283	4.768	7.057	31.496	33.975	5.5316	1.52515	0.00022	44.5268	250.000
2.4392	8781	44.5268	25.860	37.00	41.250	1832.205	44.746	-5.206	29.284	4.768	7.057	31.496	33.975	5.5316	1.52501	0.00022	44.5270	250.000
2.4394	8782	44.5270	25.860	37.00	41.250	1832.407	44.751	-5.206	29.285	4.768	7.056	31.496	33.975	5.5316	1.52487	0.00022	44.5272	250.000
2.4397	8783	44.5272	25.861	37.00	41.250	1832.609	44.756	-5.206	29.286	4.768	7.056	31.496	33.975	5.5316	1.52473	0.00022	44.5274	250.000
2.4400	8784	44.5274	25.861	37.00	41.250	1832.811	44.761	-5.206	29.287	4.768	7.056	31.496	33.975	5.5316	1.52459	0.00022	44.5277	250.000
2.4403	8785	44.5277	25.861	37.00	41.250	1833.013	44.766	-5.206	29.288	4.768	7.056	31.496	33.975	5.5316	1.52446	0.00022	44.5279	250.000
2.4406	8786	44.5279	25.861	37.00	41.250	1833.215	44.771	-5.206	29.288	4.769	7.056	31.496	33.975	5.5316	1.52432	0.00022	44.5281	250.000
2.4408	8787	44.5281	25.861	37.00	41.250	1833.418	44.776	-5.206	29.289	4.769	7.056	31.496	33.975	5.5316	1.52418	0.00022	44.5283	250.000
2.4411	8788	44.5283	25.862	37.00	41.250	1833.620	44.781	-5.206	29.290	4.769	7.056	31.496	33.975	5.5316	1.52404	0.00022	44.5285	250.000
2.4414	8789	44.5285	25.862	37.00	41.250	1833.822	44.786	-5.206	29.291	4.769	7.055	31.496	33.975	5.5316	1.52390	0.00022	44.5287	250.000
2.4417	8790	44.5287	25.862	37.00	41.250	1834.024	44.791	-5.206	29.292	4.769	7.055	31.496	33.975	5.5316	1.52377	0.00022	44.5290	250.000
2.4419	8791	44.5290	25.862	37.00	41.250	1834.226	44.795	-5.206	29.293	4.769	7.055	31.496	33.975	5.5316	1.52363	0.00022	44.5292	250.000
2.4422	8792	44.5292	25.863	37.00	41.250	1834.428	44.800	-5.206	29.294	4.769	7.055	31.496	33.975	5.5316	1.52349	0.00022	44.5294	250.000
2.4425	8793	44.5294	25.863	37.00	41.250	1834.630	44.805	-5.206	29.294	4.770	7.055	31.496	33.975	5.5316	1.52335	0.00022	44.5296	250.000
2.4428	8794	44.5296	25.863	37.00	41.250	1834.832	44.810	-5.206	29.295	4.770	7.055	31.496	33.975	5.5316	1.52322	0.00022	44.5298	250.000

2.4431	8795	44.5298	25.863	37.00	41.250	1835.034	44.815	-5.206	29.296	4.770	7.055	31.496	33.975	5.5316	1.52308	0.00022	44.5300	250.000
2.4433	8796	44.5300	25.863	37.00	41.250	1835.236	44.820	-5.206	29.297	4.770	7.054	31.496	33.975	5.5316	1.52294	0.00022	44.5303	250.000
2.4436	8797	44.5303	25.864	37.00	41.250	1835.438	44.825	-5.206	29.298	4.770	7.054	31.496	33.975	5.5316	1.52280	0.00022	44.5305	250.000
2.4439	8798	44.5305	25.864	37.00	41.250	1835.640	44.830	-5.206	29.299	4.770	7.054	31.496	33.975	5.5316	1.52266	0.00022	44.5307	250.000
2.4442	8799	44.5307	25.864	37.00	41.250	1835.842	44.835	-5.206	29.299	4.770	7.054	31.496	33.975	5.5316	1.52253	0.00022	44.5309	250.000
2.4444	8800	44.5309	25.864	37.00	41.250	1836.044	44.840	-5.206	29.300	4.770	7.054	31.496	33.975	5.5316	1.52239	0.00022	44.5311	250.000
2.4447	8801	44.5311	25.865	37.00	41.250	1836.246	44.845	-5.206	29.301	4.771	7.054	31.496	33.975	5.5316	1.52225	0.00022	44.5314	250.000
2.4450	8802	44.5314	25.865	37.00	41.250	1836.448	44.850	-5.206	29.302	4.771	7.054	31.496	33.975	5.5316	1.52211	0.00022	44.5316	250.000
2.4453	8803	44.5316	25.865	37.00	41.250	1836.650	44.855	-5.206	29.303	4.771	7.054	31.496	33.975	5.5316	1.52197	0.00022	44.5318	250.000
2.4456	8804	44.5318	25.865	37.00	41.250	1836.852	44.860	-5.206	29.304	4.771	7.053	31.496	33.975	5.5316	1.52184	0.00022	44.5320	250.000
2.4458	8805	44.5320	25.865	37.00	41.250	1837.054	44.865	-5.206	29.305	4.771	7.053	31.496	33.975	5.5316	1.52170	0.00022	44.5322	250.000
2.4461	8806	44.5322	25.866	37.00	41.250	1837.256	44.869	-5.206	29.305	4.771	7.053	31.496	33.975	5.5316	1.52156	0.00022	44.5324	250.000
2.4464	8807	44.5324	25.866	37.00	41.250	1837.458	44.874	-5.206	29.306	4.771	7.053	31.496	33.975	5.5316	1.52142	0.00022	44.5327	250.000
2.4467	8808	44.5327	25.866	37.00	41.250	1837.660	44.879	-5.206	29.307	4.772	7.053	31.496	33.975	5.5316	1.52129	0.00022	44.5329	250.000
2.4469	8809	44.5329	25.866	37.00	41.250	1837.862	44.884	-5.206	29.308	4.772	7.053	31.496	33.975	5.5316	1.52115	0.00022	44.5331	250.000
2.4472	8810	44.5331	25.866	37.00	41.250	1838.064	44.889	-5.206	29.309	4.772	7.053	31.496	33.975	5.5316	1.52101	0.00022	44.5333	250.000
2.4475	8811	44.5333	25.867	37.00	41.250	1838.266	44.894	-5.206	29.310	4.772	7.052	31.496	33.975	5.5316	1.52087	0.00022	44.5335	250.000
2.4478	8812	44.5335	25.867	37.00	41.250	1838.468	44.899	-5.206	29.310	4.772	7.052	31.496	33.975	5.5316	1.52074	0.00022	44.5337	250.000
2.4481	8813	44.5337	25.867	37.00	41.250	1838.670	44.904	-5.206	29.311	4.772	7.052	31.496	33.975	5.5316	1.52060	0.00022	44.5340	250.000
2.4483	8814	44.5340	25.867	37.00	41.250	1838.872	44.909	-5.206	29.312	4.772	7.052	31.496	33.975	5.5316	1.52046	0.00022	44.5342	250.000
2.4486	8815	44.5342	25.868	37.00	41.250	1839.074	44.914	-5.206	29.313	4.773	7.052	31.496	33.975	5.5316	1.52032	0.00022	44.5344	250.000
2.4489	8816	44.5344	25.868	37.00	41.250	1839.276	44.919	-5.206	29.314	4.773	7.052	31.496	33.975	5.5316	1.52019	0.00022	44.5346	250.000
2.4492	8817	44.5346	25.868	37.00	41.250	1839.478	44.924	-5.206	29.315	4.773	7.052	31.496	33.975	5.5316	1.52005	0.00022	44.5348	250.000
2.4494	8818	44.5348	25.868	37.00	41.250	1839.680	44.929	-5.206	29.316	4.773	7.051	31.496	33.975	5.5316	1.51991	0.00022	44.5350	250.000
2.4497	8819	44.5350	25.868	37.00	41.250	1839.882	44.934	-5.206	29.316	4.773	7.051	31.496	33.975	5.5316	1.51977	0.00022	44.5353	250.000
2.4500	8820	44.5353	25.869	37.00	41.250	1840.084	44.939	-5.206	29.317	4.773	7.051	31.496	33.975	5.5316	1.51964	0.00022	44.5355	250.000
2.4503	8821	44.5355	25.869	37.00	41.250	1840.287	44.943	-5.206	29.318	4.773	7.051	31.496	33.975	5.5316	1.51950	0.00022	44.5357	250.000
2.4506	8822	44.5357	25.869	37.00	41.250	1840.489	44.948	-5.206	29.319	4.774	7.051	31.496	33.975	5.5316	1.51936	0.00022	44.5359	250.000
2.4508	8823	44.5359	25.869	37.00	41.250	1840.691	44.953	-5.206	29.320	4.774	7.051	31.496	33.975	5.5316	1.51922	0.00022	44.5361	250.000
2.4511	8824	44.5361	25.870	37.00	41.250	1840.893	44.958	-5.206	29.321	4.774	7.051	31.496	33.975	5.5316	1.51909	0.00022	44.5364	250.000
2.4514	8825	44.5364	25.870	37.00	41.250	1841.095	44.963	-5.206	29.321	4.774	7.051	31.496	33.975	5.5316	1.51895	0.00022	44.5366	250.000
2.4517	8826	44.5366	25.870	37.00	41.250	1841.297	44.968	-5.206	29.322	4.774	7.050	31.496	33.975	5.5316	1.51881	0.00022	44.5368	250.000
2.4519	8827	44.5368	25.870	37.00	41.250	1841.499	44.973	-5.206	29.323	4.774	7.050	31.496	33.975	5.5316	1.51867	0.00022	44.5370	250.000
2.4522	8828	44.5370	25.870	37.00	41.250	1841.701	44.978	-5.206	29.324	4.774	7.050	31.496	33.975	5.5316	1.51854	0.00022	44.5372	250.000
2.4525	8829	44.5372	25.871	37.00	41.250	1841.903	44.983	-5.206	29.325	4.774	7.050	31.496	33.975	5.5316	1.51840	0.00022	44.5374	250.000
2.4528	8830	44.5374	25.871	37.00	41.250	1842.105	44.988	-5.206	29.326	4.775	7.050	31.496	33.975	5.5316	1.51826	0.00022	44.5377	250.000
2.4531	8831	44.5377	25.871	37.00	41.250	1842.307	44.993	-5.206	29.327	4.775	7.050	31.496	33.975	5.5316	1.51812	0.00022	44.5379	250.000
2.4533	8832	44.5379	25.871	37.00	41.250	1842.509	44.998	-5.206	29.327	4.775	7.050	31.496	33.975	5.5316	1.51799	0.00022	44.5381	250.000
2.4536	8833	44.5381	25.871	37.00	41.250	1842.711	45.003	-5.206	29.328	4.775	7.049	31.496	33.975	5.5316	1.51785	0.00022	44.5383	250.000
2.4539	8834	44.5383	25.872	37.00	41.250	1842.913	45.008	-5.206	29.329	4.775	7.049	31.496	33.975	5.5316	1.51771	0.00022	44.5385	250.000
2.4542	8835	44.5385	25.872	37.00	41.250	1843.115	45.013	-5.206	29.330	4.775	7.049	31.496	33.975	5.5316	1.51757	0.00022	44.5387	250.000
2.4544	8836	44.5387	25.872	37.00	41.250	1843.317	45.018	-5.206	29.331	4.775	7.049	31.496	33.975	5.5316	1.51744	0.00022	44.5390	250.000
2.4547	8837	44.5390	25.872	37.00	41.250	1843.519	45.022	-5.206	29.332	4.776	7.049	31.496	33.975	5.5316	1.51730	0.00022	44.5392	250.000
2.4550	8838	44.5392	25.873	37.00	41.250	1843.721	45.027	-5.206	29.332	4.776	7.049	31.496	33.975	5.5316	1.51716	0.00022	44.5394	250.000
2.4553	8839	44.5394	25.873	37.00	41.250	1843.923	45.032	-5.206	29.333	4.776	7.049	31.496	33.975	5.5316	1.51702	0.00022	44.5396	250.000
2.4556	8840	44.5396	25.873	37.00	41.250	1844.125	45.037	-5.206	29.334	4.776	7.048	31.496	33.975	5.5316	1.51689	0.00022	44.5398	250.000
2.4558	8841	44.5398	25.873	37.00	41.250	1844.327	45.042	-5.206	29.335	4.776	7.048	31.496	33.975	5.5316	1.51675	0.00022	44.5400	250.000
2.4561	8842	44.5400	25.873	37.00	41.250	1844.529	45.047	-5.206	29.336	4.776	7.048	31.496	33.975	5.5316	1.51661	0.00022	44.5403	250.000
2.4564	8843	44.5403	25.874	37.00	41.250	1844.731	45.052	-5.206	29.337	4.776	7.048	31.496	33.975	5.5316	1.51648	0.00022	44.5405	250.000
2.4567	8844	44.5405	25.874	37.00	41.250	1844.933	45.057	-5.206	29.337	4.777	7.048	31.496	33.975	5.5316	1.51634	0.00022	44.5407	250.000
2.4569	8845	44.5407	25.874	37.00	41.250	1845.135	45.062	-5.206	29.338	4.777	7.048	31.496	33.975	5.5316	1.51620	0.00022	44.5409	250.000
2.4572	8846	44.5409	25.874	37.00	41.250	1845.337	45.067	-5.206	29.339	4.777	7.048	31.496	33.975	5.5316	1.51606	0.00022	44.5411	250.000
2.4575	8847	44.5411	25.875	37.00	41.250	1845.539	45.072	-5.206	29.340	4.777	7.047	31.496	33.975	5.5316	1.51593	0.00022	44.5413	250.000
2.4578	8848	44.5413	25.875	37.00	41.250	1845.741	45.077	-5.206	29.341	4.777	7.047	31.496	33.975	5.5316	1.51579	0.00022	44.5416	250.000
2.4581	8849	44.5416	25.875	37.00	41.250	1845.943	45.082	-5.206	29.342	4.777	7.047	31.496	33.975	5.5316	1.51565	0.00022	44.5418	250.000
2.4583	8850	44.5418	25.875	37.00	41.250	1846.145	45.087	-5.206	29.343	4.777	7.047	31.496	33.975	5.5316	1.51552	0.00022	44.5420	250.000
2.4586	8851	44.5420	25.875	37.00	41.250	1846.347	45.092	-5.206	29.343	4.777	7.047	31.496	33.975	5.5316	1.51538	0.00022	44.5422	250.000
2.4589	8852	44.5422	25.876	37.00	41.250	1846.549	45.096	-5.206	29.344	4.778	7.047	31.496	33.975	5.5316	1.51524	0.00022	44.5424	250.000
2.4592	8853	44.5424	25.876	37.00	41.250	1846.751	45.101	-5.206	29.345	4.778	7.047	31.496	33.975	5.5316	1.51510	0.00022	44.5426	250.000
2.4594	8854	44.5426	25.876	37.00	41.250	1846.954	45.106	-5.206	29.346	4.778	7.047	31.496	33.975	5.5316	1.51497	0.00022	44.5429	250.000
2.4597	8855	44.5429	25.876	37.00	41.250	1847.156	45.111	-5.206	29.347	4.778	7.046	31.496	33.975	5.5316	1.51483	0.00022	44.5431	250.000
2.4600	8856	44.5431	25.876	37.00	41.250	1847.358	45.116	-5.206	29.348	4.778	7.046	31.496	33.975	5.5316	1.51469	0.00022	44.5433	250.000
2.4603	8857	44.5433	25.877	37.00	41.250	1847.560	45.121	-5.206	29.348	4.778	7.046	31.496	33.975	5.5316	1.51456	0.00022	44.5435	250.000
2.4606	8858	44.5435	25.877	37.00	41.250	1847.762	45.126	-5.206	29.349	4.778	7.046	31.496	33.975	5.5316	1.51442	0.00022	44.5437	250.000
2.4608	8859	44.5437	25.877	37.00	41.250	1847.964	45.131	-5.206	29.350	4.779	7.046	31.496	33.975	5.5316	1.51428	0.00022	44.5439	250.000
2.4611	8860	44.5439	25.877	37.00	41.250	1848.166	45.136	-5.206	29.351	4.779	7.046	31.496	33.975	5.5316	1.51414	0.00022	44.5442	250.000
2.4614	8861	44.5442	25.878	37.00	41.250	1848.368	45.141	-5.206	29.352	4.779	7.046	31.496	33.975	5.5316	1.51401	0.00022	44.5444	250.000
2.4617	8862	44.5444	25.878	37.00	41.250	1848.570	45.146	-5.206	29.353	4.779	7.045	31.496	33.975	5.5316	1.51387	0.00022	44.5446	250.000
2.4619	8863	44.5446	25.878	37.00	41.250	1848.772	45.151	-5.206	29.353	4.779	7.045	31.496	33.975	5.5316	1.51373	0.00022	44.5448	250.000
2.4622	8864	44.5448	25.878	37.00	41.250	1848.974	45.156	-5.206	29.354	4.779	7.045	31.496	33.975	5.5316	1.51360	0.00022	44.5450	250.000
2.4625	8865	44.5450	25.878	37.00	41.250	1849.176	45.161	-5.206	29.355	4.779	7.045	31.496	33.975	5.5316	1.51346	0.00022	44.5452	250.000
2.4628	8866	44.5452	25.879	37.00	41.250	1849.378	45.166	-5.206	29.356	4.780	7.045	31.496	33.975	5.5316	1.51332	0.00022	44.5454	250.000
2.4631	8867	44.5454	25.879	37.00	41.250	1849.580	45.170	-5.206	29.357	4.780	7.045	31.496	33.975	5.5316	1.51319	0.00022	44.5457	250.000
2.4633	8868	44.5457	25.879	37.00	41.250	1849.782	45.175	-5.206	29.358	4.780	7.045	31.496	33.975	5.5316	1.51305	0.00022	44.5459	250.000
2.4636	8869	44.5459	25.879	37.00	41.250	1849.984	45.180	-5.206	29.359	4.780	7.044	31.496	33.975	5.5316	1.51291	0.00022	44.5461	250.000
2.4639	8870	44.5461	25.879	37.00	41.250	1850.186	45.185	-5.206	29.359	4.780	7.044	31.496	33.975	5.5316	1.51277	0.00022	44.5463	250.000
2.4642	8871	44.5463	25.880	37.00	41.250	1850.388	45.190	-5.206	29.360	4.780	7.044	31.496	33.975	5.5316	1.51264	0.00022	44.5465	250.000
2.4644	8872	44.5465	25.880	37.00	41.250	1850.590	45.195	-5.206	29.361	4.780	7.044	31.496	33.975	5.5316	1.51250	0.00022	44.5467	250.000
2.4647	8873	44.5467	25.880	37.00	41.250	1850.792	45.200	-5.206	29.362	4.781	7.044	31.496	33.975	5.5316	1.51236	0.00022	44.5470	250.000
2.4650	8874	44.5470	25.880	37.00	41.250	1850.994	45.205	-5.206	29.363	4.781	7.044	31.496	33.975	5.5316	1.51223	0.00022	44.5472	250.000
2.4653	8875	44.5472	25.881	37.00	41.250	1851.196	45.210	-5.206	29.364	4.781	7.044	31.496	33.975	5.5316	1.51209	0.00022	44.5474	250.000

2.4656	8876	44.5474	25.881	37.00	41.250	1851.398	45.215	-5.206	29.364	4.781	7.044	31.496	33.975	5.5316	1.51195	0.00022	44.5476	250.000
2.4658	8877	44.5476	25.881	37.00	41.250	1851.600	45.220	-5.206	29.365	4.781	7.043	31.496	33.975	5.5316	1.51182	0.00022	44.5478	250.000
2.4661	8878	44.5478	25.881	37.00	41.250	1851.802	45.225	-5.206	29.366	4.781	7.043	31.496	33.975	5.5316	1.51168	0.00022	44.5480	250.000
2.4664	8879	44.5480	25.881	37.00	41.250	1852.004	45.230	-5.206	29.367	4.781	7.043	31.496	33.975	5.5316	1.51154	0.00022	44.5483	250.000
2.4667	8880	44.5483	25.882	37.00	41.250	1852.206	45.235	-5.206	29.368	4.781	7.043	31.496	33.975	5.5316	1.51141	0.00022	44.5485	250.000
2.4669	8881	44.5485	25.882	37.00	41.250	1852.408	45.240	-5.206	29.369	4.782	7.043	31.496	33.975	5.5316	1.51127	0.00022	44.5487	250.000
2.4672	8882	44.5487	25.882	37.00	41.250	1852.610	45.244	-5.206	29.369	4.782	7.043	31.496	33.975	5.5316	1.51113	0.00022	44.5489	250.000
2.4675	8883	44.5489	25.882	37.00	41.250	1852.812	45.249	-5.206	29.370	4.782	7.043	31.496	33.975	5.5316	1.51100	0.00022	44.5491	250.000
2.4678	8884	44.5491	25.883	37.00	41.250	1853.014	45.254	-5.206	29.371	4.782	7.042	31.496	33.975	5.5316	1.51086	0.00022	44.5493	250.000
2.4681	8885	44.5493	25.883	37.00	41.250	1853.216	45.259	-5.206	29.372	4.782	7.042	31.496	33.975	5.5316	1.51072	0.00022	44.5496	250.000
2.4683	8886	44.5496	25.883	37.00	41.250	1853.418	45.264	-5.206	29.373	4.782	7.042	31.496	33.975	5.5316	1.51059	0.00022	44.5498	250.000
2.4686	8887	44.5498	25.883	37.00	41.250	1853.620	45.269	-5.206	29.374	4.782	7.042	31.496	33.975	5.5316	1.51045	0.00022	44.5500	250.000
2.4689	8888	44.5500	25.883	37.00	41.250	1853.823	45.274	-5.206	29.375	4.783	7.042	31.496	33.975	5.5316	1.51031	0.00022	44.5502	250.000
2.4692	8889	44.5502	25.884	37.00	41.250	1854.025	45.279	-5.206	29.375	4.783	7.042	31.496	33.975	5.5316	1.51018	0.00022	44.5504	250.000
2.4694	8890	44.5504	25.884	37.00	41.250	1854.227	45.284	-5.206	29.376	4.783	7.042	31.496	33.975	5.5316	1.51004	0.00022	44.5506	250.000
2.4697	8891	44.5506	25.884	37.00	41.250	1854.429	45.289	-5.206	29.377	4.783	7.041	31.496	33.975	5.5316	1.50990	0.00022	44.5508	250.000
2.4700	8892	44.5508	25.884	37.00	41.250	1854.631	45.294	-5.206	29.378	4.783	7.041	31.496	33.975	5.5316	1.50977	0.00022	44.5511	250.000
2.4703	8893	44.5511	25.884	37.00	41.250	1854.833	45.299	-5.206	29.379	4.783	7.041	31.496	33.975	5.5316	1.50963	0.00022	44.5513	250.000
2.4706	8894	44.5513	25.885	37.00	41.250	1855.035	45.304	-5.206	29.380	4.783	7.041	31.496	33.975	5.5316	1.50949	0.00022	44.5515	250.000
2.4708	8895	44.5515	25.885	37.00	41.250	1855.237	45.309	-5.206	29.380	4.784	7.041	31.496	33.975	5.5316	1.50936	0.00022	44.5517	250.000
2.4711	8896	44.5517	25.885	37.00	41.250	1855.439	45.314	-5.206	29.381	4.784	7.041	31.496	33.975	5.5316	1.50922	0.00022	44.5519	250.000
2.4714	8897	44.5519	25.885	37.00	41.250	1855.641	45.318	-5.206	29.382	4.784	7.041	31.496	33.975	5.5316	1.50908	0.00022	44.5521	250.000
2.4717	8898	44.5521	25.886	37.00	41.250	1855.843	45.323	-5.206	29.383	4.784	7.040	31.496	33.975	5.5316	1.50895	0.00022	44.5524	250.000
2.4719	8899	44.5524	25.886	37.00	41.250	1856.045	45.328	-5.206	29.384	4.784	7.040	31.496	33.975	5.5316	1.50881	0.00022	44.5526	250.000
2.4722	8900	44.5526	25.886	37.00	41.250	1856.247	45.333	-5.206	29.385	4.784	7.040	31.496	33.975	5.5316	1.50867	0.00022	44.5528	250.000
2.4725	8901	44.5528	25.886	37.00	41.250	1856.449	45.338	-5.206	29.385	4.784	7.040	31.496	33.975	5.5316	1.50854	0.00022	44.5530	250.000
2.4728	8902	44.5530	25.886	37.00	41.250	1856.651	45.343	-5.206	29.386	4.784	7.040	31.496	33.975	5.5316	1.50840	0.00022	44.5532	250.000
2.4731	8903	44.5532	25.887	37.00	41.250	1856.853	45.348	-5.206	29.387	4.785	7.040	31.496	33.975	5.5316	1.50826	0.00022	44.5534	250.000
2.4733	8904	44.5534	25.887	37.00	41.250	1857.055	45.353	-5.206	29.388	4.785	7.040	31.496	33.975	5.5316	1.50813	0.00022	44.5536	250.000
2.4736	8905	44.5536	25.887	37.00	41.250	1857.257	45.358	-5.206	29.389	4.785	7.040	31.496	33.975	5.5316	1.50799	0.00022	44.5539	250.000
2.4739	8906	44.5539	25.887	37.00	41.250	1857.459	45.363	-5.206	29.390	4.785	7.039	31.496	33.975	5.5316	1.50785	0.00022	44.5541	250.000
2.4742	8907	44.5541	25.887	37.00	41.250	1857.661	45.368	-5.206	29.390	4.785	7.039	31.496	33.975	5.5316	1.50772	0.00022	44.5543	250.000
2.4744	8908	44.5543	25.888	37.00	41.250	1857.863	45.373	-5.206	29.391	4.785	7.039	31.496	33.975	5.5316	1.50758	0.00022	44.5545	250.000
2.4747	8909	44.5545	25.888	37.00	41.250	1858.065	45.378	-5.206	29.392	4.785	7.039	31.496	33.975	5.5316	1.50744	0.00022	44.5547	250.000
2.4750	8910	44.5547	25.888	37.00	41.250	1858.267	45.383	-5.206	29.393	4.786	7.039	31.496	33.975	5.5316	1.50731	0.00022	44.5549	250.000
2.4753	8911	44.5549	25.888	37.00	41.250	1858.469	45.388	-5.206	29.394	4.786	7.039	31.496	33.975	5.5316	1.50717	0.00022	44.5552	250.000
2.4756	8912	44.5552	25.889	37.00	41.250	1858.671	45.392	-5.206	29.395	4.786	7.039	31.496	33.975	5.5316	1.50704	0.00022	44.5554	250.000
2.4758	8913	44.5554	25.889	37.00	41.250	1858.873	45.397	-5.206	29.395	4.786	7.038	31.496	33.975	5.5316	1.50690	0.00022	44.5556	250.000
2.4761	8914	44.5556	25.889	37.00	41.250	1859.075	45.402	-5.206	29.396	4.786	7.038	31.496	33.975	5.5316	1.50676	0.00022	44.5558	250.000
2.4764	8915	44.5558	25.889	37.00	41.250	1859.277	45.407	-5.206	29.397	4.786	7.038	31.496	33.975	5.5316	1.50663	0.00022	44.5560	250.000
2.4767	8916	44.5560	25.889	37.00	41.250	1859.479	45.412	-5.206	29.398	4.786	7.038	31.496	33.975	5.5316	1.50649	0.00022	44.5562	250.000
2.4769	8917	44.5562	25.890	37.00	41.250	1859.681	45.417	-5.206	29.399	4.787	7.038	31.496	33.975	5.5316	1.50635	0.00022	44.5564	250.000
2.4772	8918	44.5564	25.890	37.00	41.250	1859.883	45.422	-5.206	29.400	4.787	7.038	31.496	33.975	5.5316	1.50622	0.00022	44.5567	250.000
2.4775	8919	44.5567	25.890	37.00	41.250	1860.085	45.427	-5.206	29.400	4.787	7.038	31.496	33.975	5.5316	1.50608	0.00022	44.5569	250.000
2.4778	8920	44.5569	25.890	37.00	41.250	1860.287	45.432	-5.206	29.401	4.787	7.037	31.496	33.975	5.5316	1.50595	0.00022	44.5571	250.000
2.4781	8921	44.5571	25.890	37.00	41.250	1860.490	45.437	-5.206	29.402	4.787	7.037	31.496	33.975	5.5316	1.50581	0.00022	44.5573	250.000
2.4783	8922	44.5573	25.891	37.00	41.250	1860.692	45.442	-5.206	29.403	4.787	7.037	31.496	33.975	5.5316	1.50567	0.00022	44.5575	250.000
2.4786	8923	44.5575	25.891	37.00	41.250	1860.894	45.447	-5.206	29.404	4.787	7.037	31.496	33.975	5.5316	1.50554	0.00022	44.5577	250.000
2.4789	8924	44.5577	25.891	37.00	41.250	1861.096	45.452	-5.206	29.405	4.787	7.037	31.496	33.975	5.5316	1.50540	0.00022	44.5580	250.000
2.4792	8925	44.5580	25.891	37.00	41.250	1861.298	45.457	-5.206	29.406	4.788	7.037	31.496	33.975	5.5316	1.50526	0.00022	44.5582	250.000
2.4794	8926	44.5582	25.892	37.00	41.250	1861.500	45.462	-5.206	29.406	4.788	7.037	31.496	33.975	5.5316	1.50513	0.00022	44.5584	250.000
2.4797	8927	44.5584	25.892	37.00	41.250	1861.702	45.466	-5.206	29.407	4.788	7.037	31.496	33.975	5.5316	1.50499	0.00021	44.5586	250.000
2.4800	8928	44.5586	25.892	37.00	41.250	1861.904	45.471	-5.206	29.408	4.788	7.036	31.496	33.975	5.5316	1.50486	0.00021	44.5588	250.000
2.4803	8929	44.5588	25.892	37.00	41.250	1862.106	45.476	-5.206	29.409	4.788	7.036	31.496	33.975	5.5316	1.50472	0.00021	44.5590	250.000
2.4806	8930	44.5590	25.892	37.00	41.250	1862.308	45.481	-5.206	29.410	4.788	7.036	31.496	33.975	5.5316	1.50458	0.00021	44.5592	250.000
2.4808	8931	44.5592	25.893	37.00	41.250	1862.510	45.486	-5.206	29.411	4.788	7.036	31.496	33.975	5.5316	1.50445	0.00021	44.5595	250.000
2.4811	8932	44.5595	25.893	37.00	41.250	1862.712	45.491	-5.206	29.411	4.789	7.036	31.496	33.975	5.5316	1.50431	0.00021	44.5597	250.000
2.4814	8933	44.5597	25.893	37.00	41.250	1862.914	45.496	-5.206	29.412	4.789	7.036	31.496	33.975	5.5316	1.50417	0.00021	44.5599	250.000
2.4817	8934	44.5599	25.893	37.00	41.250	1863.116	45.501	-5.206	29.413	4.789	7.036	31.496	33.975	5.5316	1.50404	0.00021	44.5601	250.000
2.4819	8935	44.5601	25.893	37.00	41.250	1863.318	45.506	-5.206	29.414	4.789	7.035	31.496	33.975	5.5316	1.50390	0.00021	44.5603	250.000
2.4822	8936	44.5603	25.894	37.00	41.250	1863.520	45.511	-5.206	29.415	4.789	7.035	31.496	33.975	5.5316	1.50377	0.00021	44.5605	250.000
2.4825	8937	44.5605	25.894	37.00	41.250	1863.722	45.516	-5.206	29.416	4.789	7.035	31.496	33.975	5.5316	1.50363	0.00021	44.5607	250.000
2.4828	8938	44.5607	25.894	37.00	41.250	1863.924	45.521	-5.206	29.416	4.789	7.035	31.496	33.975	5.5316	1.50349	0.00021	44.5610	250.000
2.4831	8939	44.5610	25.894	37.00	41.250	1864.126	45.526	-5.206	29.417	4.790	7.035	31.496	33.975	5.5316	1.50336	0.00021	44.5612	250.000
2.4833	8940	44.5612	25.895	37.00	41.250	1864.328	45.531	-5.206	29.418	4.790	7.035	31.496	33.975	5.5316	1.50322	0.00021	44.5614	250.000
2.4836	8941	44.5614	25.895	37.00	41.250	1864.530	45.536	-5.206	29.419	4.790	7.035	31.496	33.975	5.5316	1.50309	0.00021	44.5616	250.000
2.4839	8942	44.5616	25.895	37.00	41.250	1864.732	45.541	-5.206	29.420	4.790	7.035	31.496	33.975	5.5316	1.50295	0.00021	44.5618	250.000
2.4842	8943	44.5618	25.895	37.00	41.250	1864.934	45.545	-5.206	29.421	4.790	7.034	31.496	33.975	5.5316	1.50281	0.00021	44.5620	250.000
2.4844	8944	44.5620	25.895	37.00	41.250	1865.136	45.550	-5.206	29.421	4.790	7.034	31.496	33.975	5.5316	1.50268	0.00021	44.5623	250.000
2.4847	8945	44.5623	25.896	37.00	41.250	1865.338	45.555	-5.206	29.422	4.790	7.034	31.496	33.975	5.5316	1.50254	0.00021	44.5625	250.000
2.4850	8946	44.5625	25.896	37.00	41.250	1865.540	45.560	-5.206	29.423	4.790	7.034	31.496	33.975	5.5316	1.50241	0.00021	44.5627	250.000
2.4853	8947	44.5627	25.896	37.00	41.250	1865.742	45.565	-5.206	29.424	4.791	7.034	31.496	33.975	5.5316	1.50227	0.00021	44.5629	250.000
2.4856	8948	44.5629	25.896	37.00	41.250	1865.944	45.570	-5.206	29.425	4.791	7.034	31.496	33.975	5.5316	1.50213	0.00021	44.5631	250.000
2.4858	8949	44.5631	25.896	37.00	41.250	1866.146	45.575	-5.206	29.426	4.791	7.034	31.496	33.975	5.5316	1.50200	0.00021	44.5633	250.000
2.4861	8950	44.5633	25.897	37.00	41.250	1866.348	45.580	-5.206	29.426	4.791	7.033	31.496	33.975	5.5316	1.50186	0.00021	44.5635	250.000
2.4864	8951	44.5635	25.897	37.00	41.250	1866.550	45.585	-5.206	29.427	4.791	7.033	31.496	33.975	5.5316	1.50173	0.00021	44.5638	250.000
2.4867	8952	44.5638	25.897	37.00	41.250	1866.752	45.590	-5.206	29.428	4.791	7.033	31.496	33.975	5.5316	1.50159	0.00021	44.5640	250.000
2.4869	8953	44.5640	25.897	37.00	41.250	1866.954	45.595	-5.206	29.429	4.791	7.033	31.496	33.975	5.5316	1.50145	0.00021	44.5642	250.000
2.4872	8954	44.5642	25.898	37.00	41.250	1867.157	45.600	-5.206	29.430	4.792	7.033	31.496	33.975	5.5316	1.50132	0.00021	44.5644	250.000
2.4875	8955	44.5644	25.898	37.00	41.250	1867.359	45.605	-5.206	29.431	4.792	7.033	31.496	33.975	5.5316	1.50118	0.00021	44.5646	250.000
2.4878	8956	44.5646	25.898	37.00	41.250	1867.561	45.610	-5.206	29.431	4.792	7.033	31.496	33.975	5.5316	1.50105	0.00021	44.5648	250.000

2.4881	8957	44.5648	25.898	37.00	41.250	1867.763	45.615	-5.206	29.432	4.792	7.032	31.496	33.975	5.5316	1.50091	0.00021	44.5650	250.000
2.4883	8958	44.5650	25.898	37.00	41.250	1867.965	45.619	-5.206	29.433	4.792	7.032	31.496	33.975	5.5316	1.50078	0.00021	44.5653	250.000
2.4886	8959	44.5653	25.899	37.00	41.250	1868.167	45.624	-5.206	29.434	4.792	7.032	31.496	33.975	5.5316	1.50064	0.00021	44.5655	250.000
2.4889	8960	44.5655	25.899	37.00	41.250	1868.369	45.629	-5.206	29.435	4.792	7.032	31.496	33.975	5.5316	1.50050	0.00021	44.5657	250.000
2.4892	8961	44.5657	25.899	37.00	41.250	1868.571	45.634	-5.206	29.436	4.793	7.032	31.496	33.975	5.5316	1.50037	0.00021	44.5659	250.000
2.4894	8962	44.5659	25.899	37.00	41.250	1868.773	45.639	-5.206	29.436	4.793	7.032	31.496	33.975	5.5316	1.50023	0.00021	44.5661	250.000
2.4897	8963	44.5661	25.899	37.00	41.250	1868.975	45.644	-5.206	29.437	4.793	7.032	31.496	33.975	5.5316	1.50010	0.00021	44.5663	250.000
2.4900	8964	44.5663	25.900	37.00	41.250	1869.177	45.649	-5.206	29.438	4.793	7.032	31.496	33.975	5.5316	1.49996	0.00021	44.5665	250.000
2.4903	8965	44.5665	25.900	37.00	41.250	1869.379	45.654	-5.206	29.439	4.793	7.031	31.496	33.975	5.5316	1.49982	0.00021	44.5668	250.000
2.4906	8966	44.5668	25.900	37.00	41.250	1869.581	45.659	-5.206	29.440	4.793	7.031	31.496	33.975	5.5316	1.49969	0.00021	44.5670	250.000
2.4908	8967	44.5670	25.900	37.00	41.250	1869.783	45.664	-5.206	29.441	4.793	7.031	31.496	33.975	5.5316	1.49955	0.00021	44.5672	250.000
2.4911	8968	44.5672	25.901	37.00	41.250	1869.985	45.669	-5.206	29.441	4.793	7.031	31.496	33.975	5.5316	1.49942	0.00021	44.5674	250.000
2.4914	8969	44.5674	25.901	37.00	41.250	1870.187	45.674	-5.206	29.442	4.794	7.031	31.496	33.975	5.5316	1.49928	0.00021	44.5676	250.000
2.4917	8970	44.5676	25.901	37.00	41.250	1870.389	45.679	-5.206	29.443	4.794	7.031	31.496	33.975	5.5316	1.49915	0.00021	44.5678	250.000
2.4919	8971	44.5678	25.901	37.00	41.250	1870.591	45.684	-5.206	29.444	4.794	7.031	31.496	33.975	5.5316	1.49901	0.00021	44.5680	250.000
2.4922	8972	44.5680	25.901	37.00	41.250	1870.793	45.689	-5.206	29.445	4.794	7.030	31.496	33.975	5.5316	1.49887	0.00021	44.5683	250.000
2.4925	8973	44.5683	25.902	37.00	41.250	1870.995	45.693	-5.206	29.446	4.794	7.030	31.496	33.975	5.5316	1.49874	0.00021	44.5685	250.000
2.4928	8974	44.5685	25.902	37.00	41.250	1871.197	45.698	-5.206	29.446	4.794	7.030	31.496	33.975	5.5316	1.49860	0.00021	44.5687	250.000
2.4931	8975	44.5687	25.902	37.00	41.250	1871.399	45.703	-5.206	29.447	4.794	7.030	31.496	33.975	5.5316	1.49847	0.00021	44.5689	250.000
2.4933	8976	44.5689	25.902	37.00	41.250	1871.601	45.708	-5.206	29.448	4.795	7.030	31.496	33.975	5.5316	1.49833	0.00021	44.5691	250.000
2.4936	8977	44.5691	25.902	37.00	41.250	1871.803	45.713	-5.206	29.449	4.795	7.030	31.496	33.975	5.5316	1.49820	0.00021	44.5693	250.000
2.4939	8978	44.5693	25.903	37.00	41.250	1872.005	45.718	-5.206	29.450	4.795	7.030	31.496	33.975	5.5316	1.49806	0.00021	44.5695	250.000
2.4942	8979	44.5695	25.903	37.00	41.250	1872.207	45.723	-5.206	29.451	4.795	7.029	31.496	33.975	5.5316	1.49793	0.00021	44.5698	250.000
2.4944	8980	44.5698	25.903	37.00	41.250	1872.409	45.728	-5.206	29.451	4.795	7.029	31.496	33.975	5.5316	1.49779	0.00021	44.5700	250.000
2.4947	8981	44.5700	25.903	37.00	41.250	1872.611	45.733	-5.206	29.452	4.795	7.029	31.496	33.975	5.5316	1.49765	0.00021	44.5702	250.000
2.4950	8982	44.5702	25.904	37.00	41.250	1872.813	45.738	-5.206	29.453	4.795	7.029	31.496	33.975	5.5316	1.49752	0.00021	44.5704	250.000
2.4953	8983	44.5704	25.904	37.00	41.250	1873.015	45.743	-5.206	29.454	4.795	7.029	31.496	33.975	5.5316	1.49738	0.00021	44.5706	250.000
2.4956	8984	44.5706	25.904	37.00	41.250	1873.217	45.748	-5.206	29.455	4.796	7.029	31.496	33.975	5.5316	1.49725	0.00021	44.5708	250.000
2.4958	8985	44.5708	25.904	37.00	41.250	1873.419	45.753	-5.206	29.456	4.796	7.029	31.496	33.975	5.5316	1.49711	0.00021	44.5710	250.000
2.4961	8986	44.5710	25.904	37.00	41.250	1873.621	45.758	-5.206	29.456	4.796	7.029	31.496	33.975	5.5316	1.49698	0.00021	44.5712	250.000
2.4964	8987	44.5712	25.905	37.00	41.250	1873.823	45.763	-5.206	29.457	4.796	7.028	31.496	33.975	5.5316	1.49684	0.00021	44.5715	250.000
2.4967	8988	44.5715	25.905	37.00	41.250	1874.026	45.767	-5.206	29.458	4.796	7.028	31.496	33.975	5.5316	1.49671	0.00021	44.5717	250.000
2.4969	8989	44.5717	25.905	37.00	41.250	1874.228	45.772	-5.206	29.459	4.796	7.028	31.496	33.975	5.5316	1.49657	0.00021	44.5719	250.000
2.4972	8990	44.5719	25.905	37.00	41.250	1874.430	45.777	-5.206	29.460	4.796	7.028	31.496	33.975	5.5316	1.49644	0.00021	44.5721	250.000
2.4975	8991	44.5721	25.905	37.00	41.250	1874.632	45.782	-5.206	29.461	4.797	7.028	31.496	33.975	5.5316	1.49630	0.00021	44.5723	250.000
2.4978	8992	44.5723	25.906	37.00	41.250	1874.834	45.787	-5.206	29.461	4.797	7.028	31.496	33.975	5.5316	1.49616	0.00021	44.5725	250.000
2.4981	8993	44.5725	25.906	37.00	41.250	1875.036	45.792	-5.206	29.462	4.797	7.028	31.496	33.975	5.5316	1.49603	0.00021	44.5727	250.000
2.4983	8994	44.5727	25.906	37.00	41.250	1875.238	45.797	-5.206	29.463	4.797	7.027	31.496	33.975	5.5316	1.49589	0.00021	44.5730	250.000
2.4986	8995	44.5730	25.906	37.00	41.250	1875.440	45.802	-5.206	29.464	4.797	7.027	31.496	33.975	5.5316	1.49576	0.00021	44.5732	250.000
2.4989	8996	44.5732	25.907	37.00	41.250	1875.642	45.807	-5.206	29.465	4.797	7.027	31.496	33.975	5.5316	1.49562	0.00021	44.5734	250.000
2.4992	8997	44.5734	25.907	37.00	41.250	1875.844	45.812	-5.206	29.466	4.797	7.027	31.496	33.975	5.5316	1.49549	0.00021	44.5736	250.000
2.4994	8998	44.5736	25.907	37.00	41.250	1876.046	45.817	-5.206	29.466	4.798	7.027	31.496	33.975	5.5316	1.49535	0.00021	44.5738	250.000
2.4997	8999	44.5738	25.907	37.00	41.250	1876.248	45.822	-5.206	29.467	4.798	7.027	31.496	33.975	5.5316	1.49522	0.00021	44.5740	250.000
2.5000	9000	44.5740	25.907	37.00	41.250	1876.450	45.827	-5.206	29.468	4.798	7.027	31.496	33.975	5.5316	1.49508	0.00021	44.5742	250.000
2.5003	9001	44.5742	25.908	37.00	41.250	1876.652	45.832	-5.206	29.469	4.798	7.026	31.496	33.975	5.5316	1.49495	0.00021	44.5745	250.000
2.5006	9002	44.5745	25.908	37.00	41.250	1876.854	45.837	-5.206	29.470	4.798	7.026	31.496	33.975	5.5316	1.49481	0.00021	44.5747	250.000
2.5008	9003	44.5747	25.908	37.00	41.250	1877.056	45.841	-5.206	29.471	4.798	7.026	31.496	33.975	5.5316	1.49468	0.00021	44.5749	250.000
2.5011	9004	44.5749	25.908	37.00	41.250	1877.258	45.846	-5.206	29.471	4.798	7.026	31.496	33.975	5.5316	1.49454	0.00021	44.5751	250.000
2.5014	9005	44.5751	25.908	37.00	41.250	1877.460	45.851	-5.206	29.472	4.798	7.026	31.496	33.975	5.5316	1.49441	0.00021	44.5753	250.000
2.5017	9006	44.5753	25.909	37.00	41.250	1877.662	45.856	-5.206	29.473	4.799	7.026	31.496	33.975	5.5316	1.49427	0.00021	44.5755	250.000
2.5019	9007	44.5755	25.909	37.00	41.250	1877.864	45.861	-5.206	29.474	4.799	7.026	31.496	33.975	5.5316	1.49413	0.00021	44.5757	250.000
2.5022	9008	44.5757	25.909	37.00	41.250	1878.066	45.866	-5.206	29.475	4.799	7.026	31.496	33.975	5.5316	1.49400	0.00021	44.5759	250.000
2.5025	9009	44.5759	25.909	37.00	41.250	1878.268	45.871	-5.206	29.476	4.799	7.025	31.496	33.975	5.5316	1.49386	0.00021	44.5762	250.000
2.5028	9010	44.5762	25.910	37.00	41.250	1878.470	45.876	-5.206	29.476	4.799	7.025	31.496	33.975	5.5316	1.49373	0.00021	44.5764	250.000
2.5031	9011	44.5764	25.910	37.00	41.250	1878.672	45.881	-5.206	29.477	4.799	7.025	31.496	33.975	5.5316	1.49359	0.00021	44.5766	250.000
2.5033	9012	44.5766	25.910	37.00	41.250	1878.874	45.886	-5.206	29.478	4.799	7.025	31.496	33.975	5.5316	1.49346	0.00021	44.5768	250.000
2.5036	9013	44.5768	25.910	37.00	41.250	1879.076	45.891	-5.206	29.479	4.800	7.025	31.496	33.975	5.5316	1.49332	0.00021	44.5770	250.000
2.5039	9014	44.5770	25.910	37.00	41.250	1879.278	45.896	-5.206	29.480	4.800	7.025	31.496	33.975	5.5316	1.49319	0.00021	44.5772	250.000
2.5042	9015	44.5772	25.911	37.00	41.250	1879.480	45.901	-5.206	29.481	4.800	7.025	31.496	33.975	5.5316	1.49305	0.00021	44.5774	250.000
2.5044	9016	44.5774	25.911	37.00	41.250	1879.682	45.906	-5.206	29.481	4.800	7.024	31.496	33.975	5.5316	1.49292	0.00021	44.5777	250.000
2.5047	9017	44.5777	25.911	37.00	41.250	1879.884	45.911	-5.206	29.482	4.800	7.024	31.496	33.975	5.5316	1.49278	0.00021	44.5779	250.000
2.5050	9018	44.5779	25.911	37.00	41.250	1880.086	45.915	-5.206	29.483	4.800	7.024	31.496	33.975	5.5316	1.49265	0.00021	44.5781	250.000
2.5053	9019	44.5781	25.911	37.00	41.250	1880.288	45.920	-5.206	29.484	4.800	7.024	31.496	33.975	5.5316	1.49251	0.00021	44.5783	250.000
2.5056	9020	44.5783	25.912	37.00	41.250	1880.490	45.925	-5.206	29.485	4.800	7.024	31.496	33.975	5.5316	1.49238	0.00021	44.5785	250.000
2.5058	9021	44.5785	25.912	37.00	41.250	1880.693	45.930	-5.206	29.485	4.801	7.024	31.496	33.975	5.5316	1.49224	0.00021	44.5787	250.000
2.5061	9022	44.5787	25.912	37.00	41.250	1880.895	45.935	-5.206	29.486	4.801	7.024	31.496	33.975	5.5316	1.49211	0.00021	44.5789	250.000
2.5064	9023	44.5789	25.912	37.00	41.250	1881.097	45.940	-5.206	29.487	4.801	7.024	31.496	33.975	5.5316	1.49197	0.00021	44.5791	250.000
2.5067	9024	44.5791	25.913	37.00	41.250	1881.299	45.945	-5.206	29.488	4.801	7.023	31.496	33.975	5.5316	1.49184	0.00021	44.5794	250.000
2.5069	9025	44.5794	25.913	37.00	41.250	1881.501	45.950	-5.206	29.489	4.801	7.023	31.496	33.975	5.5316	1.49170	0.00021	44.5796	250.000
2.5072	9026	44.5796	25.913	37.00	41.250	1881.703	45.955	-5.206	29.490	4.801	7.023	31.496	33.975	5.5316	1.49157	0.00021	44.5798	250.000
2.5075	9027	44.5798	25.913	37.00	41.250	1881.905	45.960	-5.206	29.490	4.801	7.023	31.496	33.975	5.5316	1.49143	0.00021	44.5800	250.000
2.5078	9028	44.5800	25.913	37.00	41.250	1882.107	45.965	-5.206	29.491	4.802	7.023	31.496	33.975	5.5316	1.49130	0.00021	44.5802	250.000
2.5081	9029	44.5802	25.914	37.00	41.250	1882.309	45.970	-5.206	29.492	4.802	7.023	31.496	33.975	5.5316	1.49116	0.00021	44.5804	250.000
2.5083	9030	44.5804	25.914	37.00	41.250	1882.511	45.975	-5.206	29.493	4.802	7.023	31.496	33.975	5.5316	1.49103	0.00021	44.5806	250.000
2.5086	9031	44.5806	25.914	37.00	41.250	1882.713	45.980	-5.206	29.494	4.802	7.022	31.496	33.975	5.5316	1.49089	0.00021	44.5809	250.000
2.5089	9032	44.5809	25.914	37.00	41.250	1882.915	45.985	-5.206	29.495	4.802	7.022	31.496	33.975	5.5316	1.49076	0.00021	44.5811	250.000
2.5092	9033	44.5811	25.914	37.00	41.250	1883.117	45.989	-5.206	29.495	4.802	7.022	31.496	33.975	5.5316	1.49062	0.00021	44.5813	250.000
2.5094	9034	44.5813	25.915	37.00	41.250	1883.319	45.994	-5.206	29.496	4.802	7.022	31.496	33.975	5.5316	1.49049	0.00021	44.5815	250.000
2.5097	9035	44.5815	25.915	37.00	41.250	1883.521	45.999	-5.206	29.497	4.803	7.022	31.496	33.975	5.5316	1.49035	0.00021	44.5817	250.000
2.5100	9036	44.5817	25.915	37.00	41.250	1883.723	46.004	-5.206	29.498	4.803	7.022	31.496	33.975	5.5316	1.49022	0.00021	44.5819	250.000
2.5103	9037	44.5819	25.915	37.00	41.250	1883.925	46.009	-5.206	29.499	4.803	7.022	31.496	33.975	5.5316	1.49008	0.00021	44.5821	250.000

2.5106	9038	44.5821	25.916	37.00	41.250	1884.127	46.014	-5.206	29.500	4.803	7.022	31.496	33.975	5.5316	1.48995	0.00021	44.5823	250.000
2.5108	9039	44.5823	25.916	37.00	41.250	1884.329	46.019	-5.206	29.500	4.803	7.021	31.496	33.975	5.5316	1.48981	0.00021	44.5826	250.000
2.5111	9040	44.5826	25.916	37.00	41.250	1884.531	46.024	-5.206	29.501	4.803	7.021	31.496	33.975	5.5316	1.48968	0.00021	44.5828	250.000
2.5114	9041	44.5828	25.916	37.00	41.250	1884.733	46.029	-5.206	29.502	4.803	7.021	31.496	33.975	5.5316	1.48954	0.00021	44.5830	250.000
2.5117	9042	44.5830	25.916	37.00	41.250	1884.935	46.034	-5.206	29.503	4.803	7.021	31.496	33.975	5.5316	1.48941	0.00021	44.5832	250.000
2.5119	9043	44.5832	25.917	37.00	41.250	1885.137	46.039	-5.206	29.504	4.804	7.021	31.496	33.975	5.5316	1.48928	0.00021	44.5834	250.000
2.5122	9044	44.5834	25.917	37.00	41.250	1885.339	46.044	-5.206	29.505	4.804	7.021	31.496	33.975	5.5316	1.48914	0.00021	44.5836	250.000
2.5125	9045	44.5836	25.917	37.00	41.250	1885.541	46.049	-5.206	29.505	4.804	7.021	31.496	33.975	5.5316	1.48901	0.00021	44.5838	250.000
2.5128	9046	44.5838	25.917	37.00	41.250	1885.743	46.054	-5.206	29.506	4.804	7.020	31.496	33.975	5.5316	1.48887	0.00021	44.5840	250.000
2.5131	9047	44.5840	25.917	37.00	41.250	1885.945	46.059	-5.206	29.507	4.804	7.020	31.496	33.975	5.5316	1.48874	0.00021	44.5843	250.000
2.5133	9048	44.5843	25.918	37.00	41.250	1886.147	46.064	-5.206	29.508	4.804	7.020	31.496	33.975	5.5316	1.48860	0.00021	44.5845	250.000
2.5136	9049	44.5845	25.918	37.00	41.250	1886.349	46.068	-5.206	29.509	4.804	7.020	31.496	33.975	5.5316	1.48847	0.00021	44.5847	250.000
2.5139	9050	44.5847	25.918	37.00	41.250	1886.551	46.073	-5.206	29.510	4.805	7.020	31.496	33.975	5.5316	1.48833	0.00021	44.5849	250.000
2.5142	9051	44.5849	25.918	37.00	41.250	1886.753	46.078	-5.206	29.510	4.805	7.020	31.496	33.975	5.5316	1.48820	0.00021	44.5851	250.000
2.5144	9052	44.5851	25.918	37.00	41.250	1886.955	46.083	-5.206	29.511	4.805	7.020	31.496	33.975	5.5316	1.48806	0.00021	44.5853	250.000
2.5147	9053	44.5853	25.919	37.00	41.250	1887.157	46.088	-5.206	29.512	4.805	7.019	31.496	33.975	5.5316	1.48793	0.00021	44.5855	250.000
2.5150	9054	44.5855	25.919	37.00	41.250	1887.359	46.093	-5.206	29.513	4.805	7.019	31.496	33.975	5.5316	1.48779	0.00021	44.5857	250.000
2.5153	9055	44.5857	25.919	37.00	41.250	1887.562	46.098	-5.206	29.514	4.805	7.019	31.496	33.975	5.5316	1.48766	0.00021	44.5860	250.000
2.5156	9056	44.5860	25.919	37.00	41.250	1887.764	46.103	-5.206	29.514	4.805	7.019	31.496	33.975	5.5316	1.48752	0.00021	44.5862	250.000
2.5158	9057	44.5862	25.920	37.00	41.250	1887.966	46.108	-5.206	29.515	4.805	7.019	31.496	33.975	5.5316	1.48739	0.00021	44.5864	250.000
2.5161	9058	44.5864	25.920	37.00	41.250	1888.168	46.113	-5.206	29.516	4.806	7.019	31.496	33.975	5.5316	1.48725	0.00021	44.5866	250.000
2.5164	9059	44.5866	25.920	37.00	41.250	1888.370	46.118	-5.206	29.517	4.806	7.019	31.496	33.975	5.5316	1.48712	0.00021	44.5868	250.000
2.5167	9060	44.5868	25.920	37.00	41.250	1888.572	46.123	-5.206	29.518	4.806	7.019	31.496	33.975	5.5316	1.48699	0.00021	44.5870	250.000
2.5169	9061	44.5870	25.920	37.00	41.250	1888.774	46.128	-5.206	29.519	4.806	7.018	31.496	33.975	5.5316	1.48685	0.00021	44.5872	250.000
2.5172	9062	44.5872	25.921	37.00	41.250	1888.976	46.133	-5.206	29.519	4.806	7.018	31.496	33.975	5.5316	1.48672	0.00021	44.5874	250.000
2.5175	9063	44.5874	25.921	37.00	41.250	1889.178	46.138	-5.206	29.520	4.806	7.018	31.496	33.975	5.5316	1.48658	0.00021	44.5877	250.000
2.5178	9064	44.5877	25.921	37.00	41.250	1889.380	46.142	-5.206	29.521	4.806	7.018	31.496	33.975	5.5316	1.48645	0.00021	44.5879	250.000
2.5181	9065	44.5879	25.921	37.00	41.250	1889.582	46.147	-5.206	29.522	4.807	7.018	31.496	33.975	5.5316	1.48631	0.00021	44.5881	250.000
2.5183	9066	44.5881	25.921	37.00	41.250	1889.784	46.152	-5.206	29.523	4.807	7.018	31.496	33.975	5.5316	1.48618	0.00021	44.5883	250.000
2.5186	9067	44.5883	25.922	37.00	41.250	1889.986	46.157	-5.206	29.524	4.807	7.018	31.496	33.975	5.5316	1.48604	0.00021	44.5885	250.000
2.5189	9068	44.5885	25.922	37.00	41.250	1890.188	46.162	-5.206	29.524	4.807	7.017	31.496	33.975	5.5316	1.48591	0.00021	44.5887	250.000
2.5192	9069	44.5887	25.922	37.00	41.250	1890.390	46.167	-5.206	29.525	4.807	7.017	31.496	33.975	5.5316	1.48577	0.00021	44.5889	250.000
2.5194	9070	44.5889	25.922	37.00	41.250	1890.592	46.172	-5.206	29.526	4.807	7.017	31.496	33.975	5.5316	1.48564	0.00021	44.5891	250.000
2.5197	9071	44.5891	25.923	37.00	41.250	1890.794	46.177	-5.206	29.527	4.807	7.017	31.496	33.975	5.5316	1.48551	0.00021	44.5894	250.000
2.5200	9072	44.5894	25.923	37.00	41.250	1890.996	46.182	-5.206	29.528	4.808	7.017	31.496	33.975	5.5316	1.48537	0.00021	44.5896	250.000
2.5203	9073	44.5896	25.923	37.00	41.250	1891.198	46.187	-5.206	29.529	4.808	7.017	31.496	33.975	5.5316	1.48524	0.00021	44.5898	250.000
2.5206	9074	44.5898	25.923	37.00	41.250	1891.400	46.192	-5.206	29.529	4.808	7.017	31.496	33.975	5.5316	1.48510	0.00021	44.5900	250.000
2.5208	9075	44.5900	25.923	37.00	41.250	1891.602	46.197	-5.206	29.530	4.808	7.017	31.496	33.975	5.5316	1.48497	0.00021	44.5902	250.000
2.5211	9076	44.5902	25.924	37.00	41.250	1891.804	46.202	-5.206	29.531	4.808	7.016	31.496	33.975	5.5316	1.48483	0.00021	44.5904	250.000
2.5214	9077	44.5904	25.924	37.00	41.250	1892.006	46.207	-5.206	29.532	4.808	7.016	31.496	33.975	5.5316	1.48470	0.00021	44.5906	250.000
2.5217	9078	44.5906	25.924	37.00	41.250	1892.208	46.212	-5.206	29.533	4.808	7.016	31.496	33.975	5.5316	1.48457	0.00021	44.5908	250.000
2.5219	9079	44.5908	25.924	37.00	41.250	1892.410	46.216	-5.206	29.533	4.808	7.016	31.496	33.975	5.5316	1.48443	0.00021	44.5911	250.000
2.5222	9080	44.5911	25.924	37.00	41.250	1892.612	46.221	-5.206	29.534	4.809	7.016	31.496	33.975	5.5316	1.48430	0.00021	44.5913	250.000
2.5225	9081	44.5913	25.925	37.00	41.250	1892.814	46.226	-5.206	29.535	4.809	7.016	31.496	33.975	5.5316	1.48416	0.00021	44.5915	250.000
2.5228	9082	44.5915	25.925	37.00	41.250	1893.016	46.231	-5.206	29.536	4.809	7.016	31.496	33.975	5.5316	1.48403	0.00021	44.5917	250.000
2.5231	9083	44.5917	25.925	37.00	41.250	1893.218	46.236	-5.206	29.537	4.809	7.015	31.496	33.975	5.5316	1.48389	0.00021	44.5919	250.000
2.5233	9084	44.5919	25.925	37.00	41.250	1893.420	46.241	-5.206	29.538	4.809	7.015	31.496	33.975	5.5316	1.48376	0.00021	44.5921	250.000
2.5236	9085	44.5921	25.926	37.00	41.250	1893.622	46.246	-5.206	29.538	4.809	7.015	31.496	33.975	5.5316	1.48363	0.00021	44.5923	250.000
2.5239	9086	44.5923	25.926	37.00	41.250	1893.824	46.251	-5.206	29.539	4.809	7.015	31.496	33.975	5.5316	1.48349	0.00021	44.5925	250.000
2.5242	9087	44.5925	25.926	37.00	41.250	1894.026	46.256	-5.206	29.540	4.810	7.015	31.496	33.975	5.5316	1.48336	0.00021	44.5927	250.000
2.5244	9088	44.5927	25.926	37.00	41.250	1894.229	46.261	-5.206	29.541	4.810	7.015	31.496	33.975	5.5316	1.48322	0.00021	44.5930	250.000
2.5247	9089	44.5930	25.926	37.00	41.250	1894.431	46.266	-5.206	29.542	4.810	7.015	31.496	33.975	5.5316	1.48309	0.00021	44.5932	250.000
2.5250	9090	44.5932	25.927	37.00	41.250	1894.633	46.271	-5.206	29.543	4.810	7.015	31.496	33.975	5.5316	1.48295	0.00021	44.5934	250.000
2.5253	9091	44.5934	25.927	37.00	41.250	1894.835	46.276	-5.206	29.543	4.810	7.014	31.496	33.975	5.5316	1.48282	0.00021	44.5936	250.000
2.5256	9092	44.5936	25.927	37.00	41.250	1895.037	46.281	-5.206	29.544	4.810	7.014	31.496	33.975	5.5316	1.48269	0.00021	44.5938	250.000
2.5258	9093	44.5938	25.927	37.00	41.250	1895.239	46.286	-5.206	29.545	4.810	7.014	31.496	33.975	5.5316	1.48255	0.00021	44.5940	250.000
2.5261	9094	44.5940	25.927	37.00	41.250	1895.441	46.290	-5.206	29.546	4.810	7.014	31.496	33.975	5.5316	1.48242	0.00021	44.5942	250.000
2.5264	9095	44.5942	25.928	37.00	41.250	1895.643	46.295	-5.206	29.547	4.811	7.014	31.496	33.975	5.5316	1.48228	0.00021	44.5944	250.000
2.5267	9096	44.5944	25.928	37.00	41.250	1895.845	46.300	-5.206	29.547	4.811	7.014	31.496	33.975	5.5316	1.48215	0.00021	44.5947	250.000
2.5269	9097	44.5947	25.928	37.00	41.250	1896.047	46.305	-5.206	29.548	4.811	7.014	31.496	33.975	5.5316	1.48201	0.00021	44.5949	250.000
2.5272	9098	44.5949	25.928	37.00	41.250	1896.249	46.310	-5.206	29.549	4.811	7.013	31.496	33.975	5.5316	1.48188	0.00021	44.5951	250.000
2.5275	9099	44.5951	25.928	37.00	41.250	1896.451	46.315	-5.206	29.550	4.811	7.013	31.496	33.975	5.5316	1.48175	0.00021	44.5953	250.000
2.5278	9100	44.5953	25.929	37.00	41.250	1896.653	46.320	-5.206	29.551	4.811	7.013	31.496	33.975	5.5316	1.48161	0.00021	44.5955	250.000
2.5281	9101	44.5955	25.929	37.00	41.250	1896.855	46.325	-5.206	29.552	4.811	7.013	31.496	33.975	5.5316	1.48148	0.00021	44.5957	250.000
2.5283	9102	44.5957	25.929	37.00	41.250	1897.057	46.330	-5.206	29.552	4.812	7.013	31.496	33.975	5.5316	1.48134	0.00021	44.5959	250.000
2.5286	9103	44.5959	25.929	37.00	41.250	1897.259	46.335	-5.206	29.553	4.812	7.013	31.496	33.975	5.5316	1.48121	0.00021	44.5961	250.000
2.5289	9104	44.5961	25.930	37.00	41.250	1897.461	46.340	-5.206	29.554	4.812	7.013	31.496	33.975	5.5316	1.48108	0.00021	44.5963	250.000
2.5292	9105	44.5963	25.930	37.00	41.250	1897.663	46.345	-5.206	29.555	4.812	7.012	31.496	33.975	5.5316	1.48094	0.00021	44.5966	250.000
2.5294	9106	44.5966	25.930	37.00	41.250	1897.865	46.350	-5.206	29.556	4.812	7.012	31.496	33.975	5.5316	1.48081	0.00021	44.5968	250.000
2.5297	9107	44.5968	25.930	37.00	41.250	1898.067	46.355	-5.206	29.557	4.812	7.012	31.496	33.975	5.5316	1.48067	0.00021	44.5970	250.000
2.5300	9108	44.5970	25.930	37.00	41.250	1898.269	46.360	-5.206	29.557	4.812	7.012	31.496	33.975	5.5316	1.48054	0.00021	44.5972	250.000
2.5303	9109	44.5972	25.931	37.00	41.250	1898.471	46.364	-5.206	29.558	4.812	7.012	31.496	33.975	5.5316	1.48041	0.00021	44.5974	250.000
2.5306	9110	44.5974	25.931	37.00	41.250	1898.673	46.369	-5.206	29.559	4.813	7.012	31.496	33.975	5.5316	1.48027	0.00021	44.5976	250.000
2.5308	9111	44.5976	25.931	37.00	41.250	1898.875	46.374	-5.206	29.560	4.813	7.012	31.496	33.975	5.5316	1.48014	0.00021	44.5978	250.000
2.5311	9112	44.5978	25.931	37.00	41.250	1899.077	46.379	-5.206	29.561	4.813	7.012	31.496	33.975	5.5316	1.48000	0.00021	44.5980	250.000
2.5314	9113	44.5980	25.931	37.00	41.250	1899.279	46.384	-5.206	29.561	4.813	7.011	31.496	33.975	5.5316	1.47987	0.00021	44.5983	250.000
2.5317	9114	44.5983	25.932	37.00	41.250	1899.481	46.389	-5.206	29.562	4.813	7.011	31.496	33.975	5.5316	1.47974	0.00021	44.5985	250.000
2.5319	9115	44.5985	25.932	37.00	41.250	1899.683	46.394	-5.206	29.563	4.813	7.011	31.496	33.975	5.5316	1.47960	0.00021	44.5987	250.000
2.5322	9116	44.5987	25.932	37.00	41.250	1899.885	46.399	-5.206	29.564	4.813	7.011	31.496	33.975	5.5316	1.47947	0.00021	44.5989	250.000
2.5325	9117	44.5989	25.932	37.00	41.250	1900.087	46.404	-5.206	29.565	4.814	7.011	31.496	33.975	5.5316	1.47933	0.00021	44.5991	250.000
2.5328	9118	44.5991	25.932	37.00	41.250	1900.289	46.409	-5.206	29.566	4.814	7.011	31.496	33.975	5.5316	1.47920	0.00021	44.5993	250.000

2.5331	9119	44.5993	25.933	37.00	41.250	1900.491	46.414	-5.206	29.566	4.814	7.011	31.496	33.975	5.5316	1.47907	0.00021	44.5995	250.000
2.5333	9120	44.5995	25.933	37.00	41.250	1900.693	46.419	-5.206	29.567	4.814	7.010	31.496	33.975	5.5316	1.47893	0.00021	44.5997	250.000
2.5336	9121	44.5997	25.933	37.00	41.250	1900.896	46.424	-5.206	29.568	4.814	7.010	31.496	33.975	5.5316	1.47880	0.00021	44.5999	250.000
2.5339	9122	44.5999	25.933	37.00	41.250	1901.098	46.429	-5.206	29.569	4.814	7.010	31.496	33.975	5.5316	1.47867	0.00021	44.6002	250.000
2.5342	9123	44.6002	25.934	37.00	41.250	1901.300	46.434	-5.206	29.570	4.814	7.010	31.496	33.975	5.5316	1.47853	0.00021	44.6004	250.000
2.5344	9124	44.6004	25.934	37.00	41.250	1901.502	46.438	-5.206	29.571	4.814	7.010	31.496	33.975	5.5316	1.47840	0.00021	44.6006	250.000
2.5347	9125	44.6006	25.934	37.00	41.250	1901.704	46.443	-5.206	29.571	4.815	7.010	31.496	33.975	5.5316	1.47826	0.00021	44.6008	250.000
2.5350	9126	44.6008	25.934	37.00	41.250	1901.906	46.448	-5.206	29.572	4.815	7.010	31.496	33.975	5.5316	1.47813	0.00021	44.6010	250.000
2.5353	9127	44.6010	25.934	37.00	41.250	1902.108	46.453	-5.206	29.573	4.815	7.010	31.496	33.975	5.5316	1.47800	0.00021	44.6012	250.000
2.5356	9128	44.6012	25.935	37.00	41.250	1902.310	46.458	-5.206	29.574	4.815	7.009	31.496	33.975	5.5316	1.47786	0.00021	44.6014	250.000
2.5358	9129	44.6014	25.935	37.00	41.250	1902.512	46.463	-5.206	29.575	4.815	7.009	31.496	33.975	5.5316	1.47773	0.00021	44.6016	250.000
2.5361	9130	44.6016	25.935	37.00	41.250	1902.714	46.468	-5.206	29.575	4.815	7.009	31.496	33.975	5.5316	1.47760	0.00021	44.6018	250.000
2.5364	9131	44.6018	25.935	37.00	41.250	1902.916	46.473	-5.206	29.576	4.815	7.009	31.496	33.975	5.5316	1.47746	0.00021	44.6021	250.000
2.5367	9132	44.6021	25.935	37.00	41.250	1903.118	46.478	-5.206	29.577	4.816	7.009	31.496	33.975	5.5316	1.47733	0.00021	44.6023	250.000
2.5369	9133	44.6023	25.936	37.00	41.250	1903.320	46.483	-5.206	29.578	4.816	7.009	31.496	33.975	5.5316	1.47719	0.00021	44.6025	250.000
2.5372	9134	44.6025	25.936	37.00	41.250	1903.522	46.488	-5.206	29.579	4.816	7.009	31.496	33.975	5.5316	1.47706	0.00021	44.6027	250.000
2.5375	9135	44.6027	25.936	37.00	41.250	1903.724	46.493	-5.206	29.580	4.816	7.008	31.496	33.975	5.5316	1.47693	0.00021	44.6029	250.000
2.5378	9136	44.6029	25.936	37.00	41.250	1903.926	46.498	-5.206	29.580	4.816	7.008	31.496	33.975	5.5316	1.47679	0.00021	44.6031	250.000
2.5381	9137	44.6031	25.936	37.00	41.250	1904.128	46.503	-5.206	29.581	4.816	7.008	31.496	33.975	5.5316	1.47666	0.00021	44.6033	250.000
2.5383	9138	44.6033	25.937	37.00	41.250	1904.330	46.508	-5.206	29.582	4.816	7.008	31.496	33.975	5.5316	1.47653	0.00021	44.6035	250.000
2.5386	9139	44.6035	25.937	37.00	41.250	1904.532	46.512	-5.206	29.583	4.816	7.008	31.496	33.975	5.5316	1.47639	0.00021	44.6037	250.000
2.5389	9140	44.6037	25.937	37.00	41.250	1904.734	46.517	-5.206	29.584	4.817	7.008	31.496	33.975	5.5316	1.47626	0.00021	44.6040	250.000
2.5392	9141	44.6040	25.937	37.00	41.250	1904.936	46.522	-5.206	29.584	4.817	7.008	31.496	33.975	5.5316	1.47613	0.00021	44.6042	250.000
2.5394	9142	44.6042	25.938	37.00	41.250	1905.138	46.527	-5.206	29.585	4.817	7.008	31.496	33.975	5.5316	1.47599	0.00021	44.6044	250.000
2.5397	9143	44.6044	25.938	37.00	41.250	1905.340	46.532	-5.206	29.586	4.817	7.007	31.496	33.975	5.5316	1.47586	0.00021	44.6046	250.000
2.5400	9144	44.6046	25.938	37.00	41.250	1905.542	46.537	-5.206	29.587	4.817	7.007	31.496	33.975	5.5316	1.47572	0.00021	44.6048	250.000
2.5403	9145	44.6048	25.938	37.00	41.250	1905.744	46.542	-5.206	29.588	4.817	7.007	31.496	33.975	5.5316	1.47559	0.00021	44.6050	250.000
2.5406	9146	44.6050	25.938	37.00	41.250	1905.946	46.547	-5.206	29.589	4.817	7.007	31.496	33.975	5.5316	1.47546	0.00021	44.6052	250.000
2.5408	9147	44.6052	25.939	37.00	41.250	1906.148	46.552	-5.206	29.589	4.818	7.007	31.496	33.975	5.5316	1.47532	0.00021	44.6054	250.000
2.5411	9148	44.6054	25.939	37.00	41.250	1906.350	46.557	-5.206	29.590	4.818	7.007	31.496	33.975	5.5316	1.47519	0.00021	44.6056	250.000
2.5414	9149	44.6056	25.939	37.00	41.250	1906.552	46.562	-5.206	29.591	4.818	7.007	31.496	33.975	5.5316	1.47506	0.00021	44.6058	250.000
2.5417	9150	44.6058	25.939	37.00	41.250	1906.754	46.567	-5.206	29.592	4.818	7.006	31.496	33.975	5.5316	1.47492	0.00021	44.6061	250.000
2.5419	9151	44.6061	25.939	37.00	41.250	1906.956	46.572	-5.206	29.593	4.818	7.006	31.496	33.975	5.5316	1.47479	0.00021	44.6063	250.000
2.5422	9152	44.6063	25.940	37.00	41.250	1907.158	46.577	-5.206	29.594	4.818	7.006	31.496	33.975	5.5316	1.47466	0.00021	44.6065	250.000
2.5425	9153	44.6065	25.940	37.00	41.250	1907.360	46.582	-5.206	29.594	4.818	7.006	31.496	33.975	5.5316	1.47452	0.00021	44.6067	250.000
2.5428	9154	44.6067	25.940	37.00	41.250	1907.562	46.587	-5.206	29.595	4.818	7.006	31.496	33.975	5.5316	1.47439	0.00021	44.6069	250.000
2.5431	9155	44.6069	25.940	37.00	41.250	1907.765	46.591	-5.206	29.596	4.819	7.006	31.496	33.975	5.5316	1.47426	0.00021	44.6071	250.000
2.5433	9156	44.6071	25.941	37.00	41.250	1907.967	46.596	-5.206	29.597	4.819	7.006	31.496	33.975	5.5316	1.47412	0.00021	44.6073	250.000
2.5436	9157	44.6073	25.941	37.00	41.250	1908.169	46.601	-5.206	29.598	4.819	7.006	31.496	33.975	5.5316	1.47399	0.00021	44.6075	250.000
2.5439	9158	44.6075	25.941	37.00	41.250	1908.371	46.606	-5.206	29.598	4.819	7.005	31.496	33.975	5.5316	1.47386	0.00021	44.6077	250.000
2.5442	9159	44.6077	25.941	37.00	41.250	1908.573	46.611	-5.206	29.599	4.819	7.005	31.496	33.975	5.5316	1.47372	0.00021	44.6080	250.000
2.5444	9160	44.6080	25.941	37.00	41.250	1908.775	46.616	-5.206	29.600	4.819	7.005	31.496	33.975	5.5316	1.47359	0.00021	44.6082	250.000
2.5447	9161	44.6082	25.942	37.00	41.250	1908.977	46.621	-5.206	29.601	4.819	7.005	31.496	33.975	5.5316	1.47346	0.00021	44.6084	250.000
2.5450	9162	44.6084	25.942	37.00	41.250	1909.179	46.626	-5.206	29.602	4.820	7.005	31.496	33.975	5.5316	1.47332	0.00021	44.6086	250.000
2.5453	9163	44.6086	25.942	37.00	41.250	1909.381	46.631	-5.206	29.603	4.820	7.005	31.496	33.975	5.5316	1.47319	0.00021	44.6088	250.000
2.5456	9164	44.6088	25.942	37.00	41.250	1909.583	46.636	-5.206	29.603	4.820	7.005	31.496	33.975	5.5316	1.47306	0.00021	44.6090	250.000
2.5458	9165	44.6090	25.942	37.00	41.250	1909.785	46.641	-5.206	29.604	4.820	7.004	31.496	33.975	5.5316	1.47292	0.00021	44.6092	250.000
2.5461	9166	44.6092	25.943	37.00	41.250	1909.987	46.646	-5.206	29.605	4.820	7.004	31.496	33.975	5.5316	1.47279	0.00021	44.6094	250.000
2.5464	9167	44.6094	25.943	37.00	41.250	1910.189	46.651	-5.206	29.606	4.820	7.004	31.496	33.975	5.5316	1.47266	0.00021	44.6096	250.000
2.5467	9168	44.6096	25.943	37.00	41.250	1910.391	46.656	-5.206	29.607	4.820	7.004	31.496	33.975	5.5316	1.47252	0.00021	44.6098	250.000
2.5469	9169	44.6098	25.943	37.00	41.250	1910.593	46.661	-5.206	29.607	4.820	7.004	31.496	33.975	5.5316	1.47239	0.00021	44.6101	250.000
2.5472	9170	44.6101	25.943	37.00	41.250	1910.795	46.665	-5.206	29.608	4.821	7.004	31.496	33.975	5.5316	1.47226	0.00021	44.6103	250.000
2.5475	9171	44.6103	25.944	37.00	41.250	1910.997	46.670	-5.206	29.609	4.821	7.004	31.496	33.975	5.5316	1.47212	0.00021	44.6105	250.000
2.5478	9172	44.6105	25.944	37.00	41.250	1911.199	46.675	-5.206	29.610	4.821	7.004	31.496	33.975	5.5316	1.47199	0.00021	44.6107	250.000
2.5481	9173	44.6107	25.944	37.00	41.250	1911.401	46.680	-5.206	29.611	4.821	7.003	31.496	33.975	5.5316	1.47186	0.00021	44.6109	250.000
2.5483	9174	44.6109	25.944	37.00	41.250	1911.603	46.685	-5.206	29.612	4.821	7.003	31.496	33.975	5.5316	1.47172	0.00021	44.6111	250.000
2.5486	9175	44.6111	25.945	37.00	41.250	1911.805	46.690	-5.206	29.612	4.821	7.003	31.496	33.975	5.5316	1.47159	0.00021	44.6113	250.000
2.5489	9176	44.6113	25.945	37.00	41.250	1912.007	46.695	-5.206	29.613	4.821	7.003	31.496	33.975	5.5316	1.47146	0.00021	44.6115	250.000
2.5492	9177	44.6115	25.945	37.00	41.250	1912.209	46.700	-5.206	29.614	4.822	7.003	31.496	33.975	5.5316	1.47132	0.00021	44.6117	250.000
2.5494	9178	44.6117	25.945	37.00	41.250	1912.411	46.705	-5.206	29.615	4.822	7.003	31.496	33.975	5.5316	1.47119	0.00021	44.6120	250.000
2.5497	9179	44.6120	25.945	37.00	41.250	1912.613	46.710	-5.206	29.616	4.822	7.003	31.496	33.975	5.5316	1.47106	0.00021	44.6122	250.000
2.5500	9180	44.6122	25.946	37.00	41.250	1912.815	46.715	-5.206	29.616	4.822	7.002	31.496	33.975	5.5316	1.47092	0.00021	44.6124	250.000
2.5503	9181	44.6124	25.946	37.00	41.250	1913.017	46.720	-5.206	29.617	4.822	7.002	31.496	33.975	5.5316	1.47079	0.00021	44.6126	250.000
2.5506	9182	44.6126	25.946	37.00	41.250	1913.219	46.725	-5.206	29.618	4.822	7.002	31.496	33.975	5.5316	1.47066	0.00021	44.6128	250.000
2.5508	9183	44.6128	25.946	37.00	41.250	1913.421	46.730	-5.206	29.619	4.822	7.002	31.496	33.975	5.5316	1.47053	0.00021	44.6130	250.000
2.5511	9184	44.6130	25.946	37.00	41.250	1913.623	46.735	-5.206	29.620	4.822	7.002	31.496	33.975	5.5316	1.47039	0.00021	44.6132	250.000
2.5514	9185	44.6132	25.947	37.00	41.250	1913.825	46.739	-5.206	29.621	4.823	7.002	31.496	33.975	5.5316	1.47026	0.00021	44.6134	250.000
2.5517	9186	44.6134	25.947	37.00	41.250	1914.027	46.744	-5.206	29.621	4.823	7.002	31.496	33.975	5.5316	1.47013	0.00021	44.6136	250.000
2.5519	9187	44.6136	25.947	37.00	41.250	1914.229	46.749	-5.206	29.622	4.823	7.002	31.496	33.975	5.5316	1.46999	0.00021	44.6138	250.000
2.5522	9188	44.6138	25.947	37.00	41.250	1914.432	46.754	-5.206	29.623	4.823	7.001	31.496	33.975	5.5316	1.46986	0.00021	44.6141	250.000
2.5525	9189	44.6141	25.947	37.00	41.250	1914.634	46.759	-5.206	29.624	4.823	7.001	31.496	33.975	5.5316	1.46973	0.00021	44.6143	250.000
2.5528	9190	44.6143	25.948	37.00	41.250	1914.836	46.764	-5.206	29.625	4.823	7.001	31.496	33.975	5.5316	1.46959	0.00021	44.6145	250.000
2.5531	9191	44.6145	25.948	37.00	41.250	1915.038	46.769	-5.206	29.625	4.823	7.001	31.496	33.975	5.5316	1.46946	0.00021	44.6147	250.000
2.5533	9192	44.6147	25.948	37.00	41.250	1915.240	46.774	-5.206	29.626	4.824	7.001	31.496	33.975	5.5316	1.46933	0.00021	44.6149	250.000
2.5536	9193	44.6149	25.948	37.00	41.250	1915.442	46.779	-5.206	29.627	4.824	7.001	31.496	33.975	5.5316	1.46920	0.00021	44.6151	250.000
2.5539	9194	44.6151	25.948	37.00	41.250	1915.644	46.784	-5.206	29.628	4.824	7.001	31.496	33.975	5.5316	1.46906	0.00021	44.6153	250.000
2.5542	9195	44.6153	25.949	37.00	41.250	1915.846	46.789	-5.206	29.629	4.824	7.000	31.496	33.975	5.5316	1.46893	0.00021	44.6155	250.000
2.5544	9196	44.6155	25.949	37.00	41.250	1916.048	46.794	-5.206	29.629	4.824	7.000	31.496	33.975	5.5316	1.46880	0.00021	44.6157	250.000
2.5547	9197	44.6157	25.949	37.00	41.250	1916.250	46.799	-5.206	29.630	4.824	7.000	31.496	33.975	5.5316	1.46866	0.00021	44.6159	250.000
2.5550	9198	44.6159	25.949	37.00	41.250	1916.452	46.804	-5.206	29.631	4.824	7.000	31.496	33.975	5.5316	1.46853	0.00021	44.6162	250.000
2.5553	9199	44.6162	25.950	37.00	41.250	1916.654	46.809	-5.206	29.632	4.824	7.000	31.496	33.975	5.5316	1.46840	0.00021	44.6164	250.000

2.5556	9200	44.6164	25.950	37.00	41.250	1916.856	46.813	-5.206	29.633	4.825	7.000	31.496	33.975	5.5316	1.46826	0.00021	44.6166	250.000
2.5558	9201	44.6166	25.950	37.00	41.250	1917.058	46.818	-5.206	29.634	4.825	7.000	31.496	33.975	5.5316	1.46813	0.00021	44.6168	250.000
2.5561	9202	44.6168	25.950	37.00	41.250	1917.260	46.823	-5.206	29.634	4.825	7.000	31.496	33.975	5.5316	1.46800	0.00021	44.6170	250.000
2.5564	9203	44.6170	25.950	37.00	41.250	1917.462	46.828	-5.206	29.635	4.825	6.999	31.496	33.975	5.5316	1.46787	0.00021	44.6172	250.000
2.5567	9204	44.6172	25.951	37.00	41.250	1917.664	46.833	-5.206	29.636	4.825	6.999	31.496	33.975	5.5316	1.46773	0.00021	44.6174	250.000
2.5569	9205	44.6174	25.951	37.00	41.250	1917.866	46.838	-5.206	29.637	4.825	6.999	31.496	33.975	5.5316	1.46760	0.00021	44.6176	250.000
2.5572	9206	44.6176	25.951	37.00	41.250	1918.068	46.843	-5.206	29.638	4.825	6.999	31.496	33.975	5.5316	1.46747	0.00021	44.6178	250.000
2.5575	9207	44.6178	25.951	37.00	41.250	1918.270	46.848	-5.206	29.638	4.826	6.999	31.496	33.975	5.5316	1.46734	0.00021	44.6180	250.000
2.5578	9208	44.6180	25.951	37.00	41.250	1918.472	46.853	-5.206	29.639	4.826	6.999	31.496	33.975	5.5316	1.46720	0.00021	44.6182	250.000
2.5581	9209	44.6182	25.952	37.00	41.250	1918.674	46.858	-5.206	29.640	4.826	6.999	31.496	33.975	5.5316	1.46707	0.00021	44.6185	250.000
2.5583	9210	44.6185	25.952	37.00	41.250	1918.876	46.863	-5.206	29.641	4.826	6.998	31.496	33.975	5.5316	1.46694	0.00021	44.6187	250.000
2.5586	9211	44.6187	25.952	37.00	41.250	1919.078	46.868	-5.206	29.642	4.826	6.998	31.496	33.975	5.5316	1.46680	0.00021	44.6189	250.000
2.5589	9212	44.6189	25.952	37.00	41.250	1919.280	46.873	-5.206	29.643	4.826	6.998	31.496	33.975	5.5316	1.46667	0.00021	44.6191	250.000
2.5592	9213	44.6191	25.952	37.00	41.250	1919.482	46.878	-5.206	29.643	4.826	6.998	31.496	33.975	5.5316	1.46654	0.00021	44.6193	250.000
2.5594	9214	44.6193	25.953	37.00	41.250	1919.684	46.883	-5.206	29.644	4.826	6.998	31.496	33.975	5.5316	1.46641	0.00021	44.6195	250.000
2.5597	9215	44.6195	25.953	37.00	41.250	1919.886	46.887	-5.206	29.645	4.827	6.998	31.496	33.975	5.5316	1.46627	0.00021	44.6197	250.000
2.5600	9216	44.6197	25.953	37.00	41.250	1920.088	46.892	-5.206	29.646	4.827	6.998	31.496	33.975	5.5316	1.46614	0.00021	44.6199	250.000
2.5603	9217	44.6199	25.953	37.00	41.250	1920.290	46.897	-5.206	29.647	4.827	6.998	31.496	33.975	5.5316	1.46601	0.00021	44.6201	250.000
2.5606	9218	44.6201	25.954	37.00	41.250	1920.492	46.902	-5.206	29.647	4.827	6.997	31.496	33.975	5.5316	1.46588	0.00021	44.6203	250.000
2.5608	9219	44.6203	25.954	37.00	41.250	1920.694	46.907	-5.206	29.648	4.827	6.997	31.496	33.975	5.5316	1.46574	0.00021	44.6206	250.000
2.5611	9220	44.6206	25.954	37.00	41.250	1920.896	46.912	-5.206	29.649	4.827	6.997	31.496	33.975	5.5316	1.46561	0.00021	44.6208	250.000
2.5614	9221	44.6208	25.954	37.00	41.250	1921.098	46.917	-5.206	29.650	4.827	6.997	31.496	33.975	5.5316	1.46548	0.00021	44.6210	250.000
2.5617	9222	44.6210	25.954	37.00	41.250	1921.301	46.922	-5.206	29.651	4.828	6.997	31.496	33.975	5.5316	1.46534	0.00021	44.6212	250.000
2.5619	9223	44.6212	25.955	37.00	41.250	1921.503	46.927	-5.206	29.652	4.828	6.997	31.496	33.975	5.5316	1.46521	0.00021	44.6214	250.000
2.5622	9224	44.6214	25.955	37.00	41.250	1921.705	46.932	-5.206	29.652	4.828	6.997	31.496	33.975	5.5316	1.46508	0.00021	44.6216	250.000
2.5625	9225	44.6216	25.955	37.00	41.250	1921.907	46.937	-5.206	29.653	4.828	6.997	31.496	33.975	5.5316	1.46495	0.00021	44.6218	250.000
2.5628	9226	44.6218	25.955	37.00	41.250	1922.109	46.942	-5.206	29.654	4.828	6.996	31.496	33.975	5.5316	1.46481	0.00021	44.6220	250.000
2.5631	9227	44.6220	25.955	37.00	41.250	1922.311	46.947	-5.206	29.655	4.828	6.996	31.496	33.975	5.5316	1.46468	0.00021	44.6222	250.000
2.5633	9228	44.6222	25.956	37.00	41.250	1922.513	46.952	-5.206	29.656	4.828	6.996	31.496	33.975	5.5316	1.46455	0.00021	44.6224	250.000
2.5636	9229	44.6224	25.956	37.00	41.250	1922.715	46.957	-5.206	29.656	4.828	6.996	31.496	33.975	5.5316	1.46442	0.00021	44.6226	250.000
2.5639	9230	44.6226	25.956	37.00	41.250	1922.917	46.961	-5.206	29.657	4.829	6.996	31.496	33.975	5.5316	1.46428	0.00021	44.6229	250.000
2.5642	9231	44.6229	25.956	37.00	41.250	1923.119	46.966	-5.206	29.658	4.829	6.996	31.496	33.975	5.5316	1.46415	0.00021	44.6231	250.000
2.5644	9232	44.6231	25.956	37.00	41.250	1923.321	46.971	-5.206	29.659	4.829	6.996	31.496	33.975	5.5316	1.46402	0.00021	44.6233	250.000
2.5647	9233	44.6233	25.957	37.00	41.250	1923.523	46.976	-5.206	29.660	4.829	6.995	31.496	33.975	5.5316	1.46389	0.00021	44.6235	250.000
2.5650	9234	44.6235	25.957	37.00	41.250	1923.725	46.981	-5.206	29.660	4.829	6.995	31.496	33.975	5.5316	1.46375	0.00021	44.6237	250.000
2.5653	9235	44.6237	25.957	37.00	41.250	1923.927	46.986	-5.206	29.661	4.829	6.995	31.496	33.975	5.5316	1.46362	0.00021	44.6239	250.000
2.5656	9236	44.6239	25.957	37.00	41.250	1924.129	46.991	-5.206	29.662	4.829	6.995	31.496	33.975	5.5316	1.46349	0.00021	44.6241	250.000
2.5658	9237	44.6241	25.957	37.00	41.250	1924.331	46.996	-5.206	29.663	4.830	6.995	31.496	33.975	5.5316	1.46336	0.00021	44.6243	250.000
2.5661	9238	44.6243	25.958	37.00	41.250	1924.533	47.001	-5.206	29.664	4.830	6.995	31.496	33.975	5.5316	1.46322	0.00021	44.6245	250.000
2.5664	9239	44.6245	25.958	37.00	41.250	1924.735	47.006	-5.206	29.665	4.830	6.995	31.496	33.975	5.5316	1.46309	0.00021	44.6247	250.000
2.5667	9240	44.6247	25.958	37.00	41.250	1924.937	47.011	-5.206	29.665	4.830	6.995	31.496	33.975	5.5316	1.46296	0.00021	44.6249	250.000
2.5669	9241	44.6249	25.958	37.00	41.250	1925.139	47.016	-5.206	29.666	4.830	6.994	31.496	33.975	5.5316	1.46283	0.00021	44.6252	250.000
2.5672	9242	44.6252	25.959	37.00	41.250	1925.341	47.021	-5.206	29.667	4.830	6.994	31.496	33.975	5.5316	1.46269	0.00021	44.6254	250.000
2.5675	9243	44.6254	25.959	37.00	41.250	1925.543	47.026	-5.206	29.668	4.830	6.994	31.496	33.975	5.5316	1.46256	0.00021	44.6256	250.000
2.5678	9244	44.6256	25.959	37.00	41.250	1925.745	47.031	-5.206	29.669	4.830	6.994	31.496	33.975	5.5316	1.46243	0.00021	44.6258	250.000
2.5681	9245	44.6258	25.959	37.00	41.250	1925.947	47.035	-5.206	29.669	4.831	6.994	31.496	33.975	5.5316	1.46230	0.00021	44.6260	250.000
2.5683	9246	44.6260	25.959	37.00	41.250	1926.149	47.040	-5.206	29.670	4.831	6.994	31.496	33.975	5.5316	1.46217	0.00021	44.6262	250.000
2.5686	9247	44.6262	25.960	37.00	41.250	1926.351	47.045	-5.206	29.671	4.831	6.994	31.496	33.975	5.5316	1.46203	0.00021	44.6264	250.000
2.5689	9248	44.6264	25.960	37.00	41.250	1926.553	47.050	-5.206	29.672	4.831	6.993	31.496	33.975	5.5316	1.46190	0.00021	44.6266	250.000
2.5692	9249	44.6266	25.960	37.00	41.250	1926.755	47.055	-5.206	29.673	4.831	6.993	31.496	33.975	5.5316	1.46177	0.00021	44.6268	250.000
2.5694	9250	44.6268	25.960	37.00	41.250	1926.957	47.060	-5.206	29.673	4.831	6.993	31.496	33.975	5.5316	1.46164	0.00021	44.6270	250.000
2.5697	9251	44.6270	25.960	37.00	41.250	1927.159	47.065	-5.206	29.674	4.831	6.993	31.496	33.975	5.5316	1.46150	0.00021	44.6272	250.000
2.5700	9252	44.6272	25.961	37.00	41.250	1927.361	47.070	-5.206	29.675	4.832	6.993	31.496	33.975	5.5316	1.46137	0.00021	44.6275	250.000
2.5703	9253	44.6275	25.961	37.00	41.250	1927.563	47.075	-5.206	29.676	4.832	6.993	31.496	33.975	5.5316	1.46124	0.00021	44.6277	250.000
2.5706	9254	44.6277	25.961	37.00	41.250	1927.765	47.080	-5.206	29.677	4.832	6.993	31.496	33.975	5.5316	1.46111	0.00021	44.6279	250.000
2.5708	9255	44.6279	25.961	37.00	41.250	1927.968	47.085	-5.206	29.678	4.832	6.993	31.496	33.975	5.5316	1.46097	0.00021	44.6281	250.000
2.5711	9256	44.6281	25.961	37.00	41.250	1928.170	47.090	-5.206	29.678	4.832	6.992	31.496	33.975	5.5316	1.46084	0.00021	44.6283	250.000
2.5714	9257	44.6283	25.962	37.00	41.250	1928.372	47.095	-5.206	29.679	4.832	6.992	31.496	33.975	5.5316	1.46071	0.00021	44.6285	250.000
2.5717	9258	44.6285	25.962	37.00	41.250	1928.574	47.100	-5.206	29.680	4.832	6.992	31.496	33.975	5.5316	1.46058	0.00021	44.6287	250.000
2.5719	9259	44.6287	25.962	37.00	41.250	1928.776	47.105	-5.206	29.681	4.832	6.992	31.496	33.975	5.5316	1.46045	0.00021	44.6289	250.000
2.5722	9260	44.6289	25.962	37.00	41.250	1928.978	47.110	-5.206	29.682	4.833	6.992	31.496	33.975	5.5316	1.46031	0.00021	44.6291	250.000
2.5725	9261	44.6291	25.963	37.00	41.250	1929.180	47.114	-5.206	29.682	4.833	6.992	31.496	33.975	5.5316	1.46018	0.00021	44.6293	250.000
2.5728	9262	44.6293	25.963	37.00	41.250	1929.382	47.119	-5.206	29.683	4.833	6.992	31.496	33.975	5.5316	1.46005	0.00021	44.6295	250.000
2.5731	9263	44.6295	25.963	37.00	41.250	1929.584	47.124	-5.206	29.684	4.833	6.991	31.496	33.975	5.5316	1.45992	0.00021	44.6297	250.000
2.5733	9264	44.6297	25.963	37.00	41.250	1929.786	47.129	-5.206	29.685	4.833	6.991	31.496	33.975	5.5316	1.45979	0.00021	44.6300	250.000
2.5736	9265	44.6300	25.963	37.00	41.250	1929.988	47.134	-5.206	29.686	4.833	6.991	31.496	33.975	5.5316	1.45965	0.00021	44.6302	250.000
2.5739	9266	44.6302	25.964	37.00	41.250	1930.190	47.139	-5.206	29.686	4.833	6.991	31.496	33.975	5.5316	1.45952	0.00021	44.6304	250.000
2.5742	9267	44.6304	25.964	37.00	41.250	1930.392	47.144	-5.206	29.687	4.833	6.991	31.496	33.975	5.5316	1.45939	0.00021	44.6306	250.000
2.5744	9268	44.6306	25.964	37.00	41.250	1930.594	47.149	-5.206	29.688	4.834	6.991	31.496	33.975	5.5316	1.45926	0.00021	44.6308	250.000
2.5747	9269	44.6308	25.964	37.00	41.250	1930.796	47.154	-5.206	29.689	4.834	6.991	31.496	33.975	5.5316	1.45913	0.00021	44.6310	250.000
2.5750	9270	44.6310	25.964	37.00	41.250	1930.998	47.159	-5.206	29.690	4.834	6.991	31.496	33.975	5.5316	1.45899	0.00021	44.6312	250.000
2.5753	9271	44.6312	25.965	37.00	41.250	1931.200	47.164	-5.206	29.691	4.834	6.990	31.496	33.975	5.5316	1.45886	0.00021	44.6314	250.000
2.5756	9272	44.6314	25.965	37.00	41.250	1931.402	47.169	-5.206	29.691	4.834	6.990	31.496	33.975	5.5316	1.45873	0.00021	44.6316	250.000
2.5758	9273	44.6316	25.965	37.00	41.250	1931.604	47.174	-5.206	29.692	4.834	6.990	31.496	33.975	5.5316	1.45860	0.00021	44.6318	250.000
2.5761	9274	44.6318	25.965	37.00	41.250	1931.806	47.179	-5.206	29.693	4.834	6.990	31.496	33.975	5.5316	1.45847	0.00021	44.6320	250.000
2.5764	9275	44.6320	25.965	37.00	41.250	1932.008	47.184	-5.206	29.694	4.835	6.990	31.496	33.975	5.5316	1.45833	0.00021	44.6322	250.000
2.5767	9276	44.6322	25.966	37.00	41.250	1932.210	47.188	-5.206	29.695	4.835	6.990	31.496	33.975	5.5316	1.45820	0.00021	44.6325	250.000
2.5769	9277	44.6325	25.966	37.00	41.250	1932.412	47.193	-5.206	29.695	4.835	6.990	31.496	33.975	5.5316	1.45807	0.00021	44.6327	250.000
2.5772	9278	44.6327	25.966	37.00	41.250	1932.614	47.198	-5.206	29.696	4.835	6.989	31.496	33.975	5.5316	1.45794	0.00021	44.6329	250.000
2.5775	9279	44.6329	25.966	37.00	41.250	1932.816	47.203	-5.206	29.697	4.835	6.989	31.496	33.975	5.5316	1.45781	0.00021	44.6331	250.000
2.5778	9280	44.6331	25.966	37.00	41.250	1933.018	47.208	-5.206	29.698	4.835	6.989	31.496	33.975	5.5316	1.45767	0.00021	44.6333	250.000

2.5781	9281	44.6333	25.967	37.00	41.250	1933.220	47.213	-5.206	29.699	4.835	6.989	31.496	33.975	5.5316	1.45754	0.00021	44.6335	250.000
2.5783	9282	44.6335	25.967	37.00	41.250	1933.422	47.218	-5.206	29.699	4.835	6.989	31.496	33.975	5.5316	1.45741	0.00021	44.6337	250.000
2.5786	9283	44.6337	25.967	37.00	41.250	1933.624	47.223	-5.206	29.700	4.836	6.989	31.496	33.975	5.5316	1.45728	0.00021	44.6339	250.000
2.5789	9284	44.6339	25.967	37.00	41.250	1933.826	47.228	-5.206	29.701	4.836	6.989	31.496	33.975	5.5316	1.45715	0.00021	44.6341	250.000
2.5792	9285	44.6341	25.968	37.00	41.250	1934.028	47.233	-5.206	29.702	4.836	6.989	31.496	33.975	5.5316	1.45701	0.00021	44.6343	250.000
2.5794	9286	44.6343	25.968	37.00	41.250	1934.230	47.238	-5.206	29.703	4.836	6.988	31.496	33.975	5.5316	1.45688	0.00021	44.6345	250.000
2.5797	9287	44.6345	25.968	37.00	41.250	1934.432	47.243	-5.206	29.703	4.836	6.988	31.496	33.975	5.5316	1.45675	0.00021	44.6347	250.000
2.5800	9288	44.6347	25.968	37.00	41.250	1934.635	47.248	-5.206	29.704	4.836	6.988	31.496	33.975	5.5316	1.45662	0.00021	44.6350	250.000
2.5803	9289	44.6350	25.968	37.00	41.250	1934.837	47.253	-5.206	29.705	4.836	6.988	31.496	33.975	5.5316	1.45649	0.00021	44.6352	250.000
2.5806	9290	44.6352	25.969	37.00	41.250	1935.039	47.258	-5.206	29.706	4.837	6.988	31.496	33.975	5.5316	1.45635	0.00021	44.6354	250.000
2.5808	9291	44.6354	25.969	37.00	41.250	1935.241	47.262	-5.206	29.707	4.837	6.988	31.496	33.975	5.5316	1.45622	0.00021	44.6356	250.000
2.5811	9292	44.6356	25.969	37.00	41.250	1935.443	47.267	-5.206	29.708	4.837	6.988	31.496	33.975	5.5316	1.45609	0.00021	44.6358	250.000
2.5814	9293	44.6358	25.969	37.00	41.250	1935.645	47.272	-5.206	29.708	4.837	6.988	31.496	33.975	5.5316	1.45596	0.00021	44.6360	250.000
2.5817	9294	44.6360	25.969	37.00	41.250	1935.847	47.277	-5.206	29.709	4.837	6.987	31.496	33.975	5.5316	1.45583	0.00021	44.6362	250.000
2.5819	9295	44.6362	25.970	37.00	41.250	1936.049	47.282	-5.206	29.710	4.837	6.987	31.496	33.975	5.5316	1.45570	0.00021	44.6364	250.000
2.5822	9296	44.6364	25.970	37.00	41.250	1936.251	47.287	-5.206	29.711	4.837	6.987	31.496	33.975	5.5316	1.45556	0.00021	44.6366	250.000
2.5825	9297	44.6366	25.970	37.00	41.250	1936.453	47.292	-5.206	29.712	4.837	6.987	31.496	33.975	5.5316	1.45543	0.00021	44.6368	250.000
2.5828	9298	44.6368	25.970	37.00	41.250	1936.655	47.297	-5.206	29.712	4.838	6.987	31.496	33.975	5.5316	1.45530	0.00021	44.6370	250.000
2.5831	9299	44.6370	25.970	37.00	41.250	1936.857	47.302	-5.206	29.713	4.838	6.987	31.496	33.975	5.5316	1.45517	0.00021	44.6372	250.000
2.5833	9300	44.6372	25.971	37.00	41.250	1937.059	47.307	-5.206	29.714	4.838	6.987	31.496	33.975	5.5316	1.45504	0.00021	44.6375	250.000
2.5836	9301	44.6375	25.971	37.00	41.250	1937.261	47.312	-5.206	29.715	4.838	6.986	31.496	33.975	5.5316	1.45491	0.00021	44.6377	250.000
2.5839	9302	44.6377	25.971	37.00	41.250	1937.463	47.317	-5.206	29.716	4.838	6.986	31.496	33.975	5.5316	1.45477	0.00021	44.6379	250.000
2.5842	9303	44.6379	25.971	37.00	41.250	1937.665	47.322	-5.206	29.716	4.838	6.986	31.496	33.975	5.5316	1.45464	0.00021	44.6381	250.000
2.5844	9304	44.6381	25.971	37.00	41.250	1937.867	47.327	-5.206	29.717	4.838	6.986	31.496	33.975	5.5316	1.45451	0.00021	44.6383	250.000
2.5847	9305	44.6383	25.972	37.00	41.250	1938.069	47.332	-5.206	29.718	4.838	6.986	31.496	33.975	5.5316	1.45438	0.00021	44.6385	250.000
2.5850	9306	44.6385	25.972	37.00	41.250	1938.271	47.336	-5.206	29.719	4.839	6.986	31.496	33.975	5.5316	1.45425	0.00021	44.6387	250.000
2.5853	9307	44.6387	25.972	37.00	41.250	1938.473	47.341	-5.206	29.720	4.839	6.986	31.496	33.975	5.5316	1.45412	0.00021	44.6389	250.000
2.5856	9308	44.6389	25.972	37.00	41.250	1938.675	47.346	-5.206	29.720	4.839	6.986	31.496	33.975	5.5316	1.45398	0.00021	44.6391	250.000
2.5858	9309	44.6391	25.973	37.00	41.250	1938.877	47.351	-5.206	29.721	4.839	6.985	31.496	33.975	5.5316	1.45385	0.00021	44.6393	250.000
2.5861	9310	44.6393	25.973	37.00	41.250	1939.079	47.356	-5.206	29.722	4.839	6.985	31.496	33.975	5.5316	1.45372	0.00021	44.6395	250.000
2.5864	9311	44.6395	25.973	37.00	41.250	1939.281	47.361	-5.206	29.723	4.839	6.985	31.496	33.975	5.5316	1.45359	0.00021	44.6397	250.000
2.5867	9312	44.6397	25.973	37.00	41.250	1939.483	47.366	-5.206	29.724	4.839	6.985	31.496	33.975	5.5316	1.45346	0.00021	44.6399	250.000
2.5869	9313	44.6399	25.973	37.00	41.250	1939.685	47.371	-5.206	29.725	4.840	6.985	31.496	33.975	5.5316	1.45333	0.00021	44.6402	250.000
2.5872	9314	44.6402	25.974	37.00	41.250	1939.887	47.376	-5.206	29.725	4.840	6.985	31.496	33.975	5.5316	1.45320	0.00021	44.6404	250.000
2.5875	9315	44.6404	25.974	37.00	41.250	1940.089	47.381	-5.206	29.726	4.840	6.985	31.496	33.975	5.5316	1.45306	0.00021	44.6406	250.000
2.5878	9316	44.6406	25.974	37.00	41.250	1940.291	47.386	-5.206	29.727	4.840	6.984	31.496	33.975	5.5316	1.45293	0.00021	44.6408	250.000
2.5881	9317	44.6408	25.974	37.00	41.250	1940.493	47.391	-5.206	29.728	4.840	6.984	31.496	33.975	5.5316	1.45280	0.00021	44.6410	250.000
2.5883	9318	44.6410	25.974	37.00	41.250	1940.695	47.396	-5.206	29.729	4.840	6.984	31.496	33.975	5.5316	1.45267	0.00021	44.6412	250.000
2.5886	9319	44.6412	25.975	37.00	41.250	1940.897	47.401	-5.206	29.729	4.840	6.984	31.496	33.975	5.5316	1.45254	0.00021	44.6414	250.000
2.5889	9320	44.6414	25.975	37.00	41.250	1941.099	47.406	-5.206	29.730	4.840	6.984	31.496	33.975	5.5316	1.45241	0.00021	44.6416	250.000
2.5892	9321	44.6416	25.975	37.00	41.250	1941.301	47.410	-5.206	29.731	4.841	6.984	31.496	33.975	5.5316	1.45227	0.00021	44.6418	250.000
2.5894	9322	44.6418	25.975	37.00	41.250	1941.504	47.415	-5.206	29.732	4.841	6.984	31.496	33.975	5.5316	1.45214	0.00021	44.6420	250.000
2.5897	9323	44.6420	25.975	37.00	41.250	1941.706	47.420	-5.206	29.733	4.841	6.984	31.496	33.975	5.5316	1.45201	0.00021	44.6422	250.000
2.5900	9324	44.6422	25.976	37.00	41.250	1941.908	47.425	-5.206	29.733	4.841	6.983	31.496	33.975	5.5316	1.45188	0.00021	44.6424	250.000
2.5903	9325	44.6424	25.976	37.00	41.250	1942.110	47.430	-5.206	29.734	4.841	6.983	31.496	33.975	5.5316	1.45175	0.00021	44.6426	250.000
2.5906	9326	44.6426	25.976	37.00	41.250	1942.312	47.435	-5.206	29.735	4.841	6.983	31.496	33.975	5.5316	1.45162	0.00021	44.6428	250.000
2.5908	9327	44.6428	25.976	37.00	41.250	1942.514	47.440	-5.206	29.736	4.841	6.983	31.496	33.975	5.5316	1.45149	0.00021	44.6431	250.000
2.5911	9328	44.6431	25.976	37.00	41.250	1942.716	47.445	-5.206	29.737	4.842	6.983	31.496	33.975	5.5316	1.45136	0.00021	44.6433	250.000
2.5914	9329	44.6433	25.977	37.00	41.250	1942.918	47.450	-5.206	29.737	4.842	6.983	31.496	33.975	5.5316	1.45122	0.00021	44.6435	250.000
2.5917	9330	44.6435	25.977	37.00	41.250	1943.120	47.455	-5.206	29.738	4.842	6.983	31.496	33.975	5.5316	1.45109	0.00021	44.6437	250.000
2.5919	9331	44.6437	25.977	37.00	41.250	1943.322	47.460	-5.206	29.739	4.842	6.983	31.496	33.975	5.5316	1.45096	0.00021	44.6439	250.000
2.5922	9332	44.6439	25.977	37.00	41.250	1943.524	47.465	-5.206	29.740	4.842	6.982	31.496	33.975	5.5316	1.45083	0.00021	44.6441	250.000
2.5925	9333	44.6441	25.977	37.00	41.250	1943.726	47.470	-5.206	29.741	4.842	6.982	31.496	33.975	5.5316	1.45070	0.00021	44.6443	250.000
2.5928	9334	44.6443	25.978	37.00	41.250	1943.928	47.475	-5.206	29.741	4.842	6.982	31.496	33.975	5.5316	1.45057	0.00021	44.6445	250.000
2.5931	9335	44.6445	25.978	37.00	41.250	1944.130	47.480	-5.206	29.742	4.842	6.982	31.496	33.975	5.5316	1.45044	0.00021	44.6447	250.000
2.5933	9336	44.6447	25.978	37.00	41.250	1944.332	47.484	-5.206	29.743	4.843	6.982	31.496	33.975	5.5316	1.45030	0.00021	44.6449	250.000
2.5936	9337	44.6449	25.978	37.00	41.250	1944.534	47.489	-5.206	29.744	4.843	6.982	31.496	33.975	5.5316	1.45017	0.00021	44.6451	250.000
2.5939	9338	44.6451	25.979	37.00	41.250	1944.736	47.494	-5.206	29.745	4.843	6.982	31.496	33.975	5.5316	1.45004	0.00021	44.6453	250.000
2.5942	9339	44.6453	25.979	37.00	41.250	1944.938	47.499	-5.206	29.745	4.843	6.981	31.496	33.975	5.5316	1.44991	0.00021	44.6455	250.000
2.5944	9340	44.6455	25.979	37.00	41.250	1945.140	47.504	-5.206	29.746	4.843	6.981	31.496	33.975	5.5316	1.44978	0.00021	44.6458	250.000
2.5947	9341	44.6458	25.979	37.00	41.250	1945.342	47.509	-5.206	29.747	4.843	6.981	31.496	33.975	5.5316	1.44965	0.00021	44.6460	250.000
2.5950	9342	44.6460	25.979	37.00	41.250	1945.544	47.514	-5.206	29.748	4.843	6.981	31.496	33.975	5.5316	1.44952	0.00021	44.6462	250.000
2.5953	9343	44.6462	25.980	37.00	41.250	1945.746	47.519	-5.206	29.749	4.843	6.981	31.496	33.975	5.5316	1.44939	0.00021	44.6464	250.000
2.5956	9344	44.6464	25.980	37.00	41.250	1945.948	47.524	-5.206	29.750	4.844	6.981	31.496	33.975	5.5316	1.44926	0.00021	44.6466	250.000
2.5958	9345	44.6466	25.980	37.00	41.250	1946.150	47.529	-5.206	29.750	4.844	6.981	31.496	33.975	5.5316	1.44912	0.00021	44.6468	250.000
2.5961	9346	44.6468	25.980	37.00	41.250	1946.352	47.534	-5.206	29.751	4.844	6.981	31.496	33.975	5.5316	1.44899	0.00021	44.6470	250.000
2.5964	9347	44.6470	25.980	37.00	41.250	1946.554	47.539	-5.206	29.752	4.844	6.980	31.496	33.975	5.5316	1.44886	0.00021	44.6472	250.000
2.5967	9348	44.6472	25.981	37.00	41.250	1946.756	47.544	-5.206	29.753	4.844	6.980	31.496	33.975	5.5316	1.44873	0.00021	44.6474	250.000
2.5969	9349	44.6474	25.981	37.00	41.250	1946.958	47.549	-5.206	29.754	4.844	6.980	31.496	33.975	5.5316	1.44860	0.00021	44.6476	250.000
2.5972	9350	44.6476	25.981	37.00	41.250	1947.160	47.554	-5.206	29.754	4.844	6.980	31.496	33.975	5.5316	1.44847	0.00021	44.6478	250.000
2.5975	9351	44.6478	25.981	37.00	41.250	1947.362	47.558	-5.206	29.755	4.845	6.980	31.496	33.975	5.5316	1.44834	0.00021	44.6480	250.000
2.5978	9352	44.6480	25.981	37.00	41.250	1947.564	47.563	-5.206	29.756	4.845	6.980	31.496	33.975	5.5316	1.44821	0.00021	44.6482	250.000
2.5981	9353	44.6482	25.982	37.00	41.250	1947.766	47.568	-5.206	29.757	4.845	6.980	31.496	33.975	5.5316	1.44808	0.00021	44.6484	250.000
2.5983	9354	44.6484	25.982	37.00	41.250	1947.968	47.573	-5.206	29.758	4.845	6.979	31.496	33.975	5.5316	1.44794	0.00021	44.6486	250.000
2.5986	9355	44.6486	25.982	37.00	41.250	1948.171	47.578	-5.206	29.758	4.845	6.979	31.496	33.975	5.5316	1.44781	0.00021	44.6489	250.000
2.5989	9356	44.6489	25.982	37.00	41.250	1948.373	47.583	-5.206	29.759	4.845	6.979	31.496	33.975	5.5316	1.44768	0.00021	44.6491	250.000
2.5992	9357	44.6491	25.982	37.00	41.250	1948.575	47.588	-5.206	29.760	4.845	6.979	31.496	33.975	5.5316	1.44755	0.00021	44.6493	250.000
2.5994	9358	44.6493	25.983	37.00	41.250	1948.777	47.593	-5.206	29.761	4.845	6.979	31.496	33.975	5.5316	1.44742	0.00021	44.6495	250.000
2.5997	9359	44.6495	25.983	37.00	41.250	1948.979	47.598	-5.206	29.762	4.846	6.979	31.496	33.975	5.5316	1.44729	0.00021	44.6497	250.000
2.6000	9360	44.6497	25.983	37.00	41.250	1949.181	47.603	-5.206	29.762	4.846	6.979	31.496	33.975	5.5316	1.44716	0.00021	44.6499	250.000
2.6003	9361	44.6499	25.983	37.00	41.250	1949.383	47.608	-5.206	29.763	4.846	6.979	31.496	33.975	5.5316	1.44703	0.00021	44.6501	250.000

2.6006	9362	44.6501	25.983	37.00	41.250	1949.585	47.613	-5.206	29.764	4.846	6.978	31.496	33.975	5.5316	1.44690	0.00021	44.6503	250.000
2.6008	9363	44.6503	25.984	37.00	41.250	1949.787	47.618	-5.206	29.765	4.846	6.978	31.496	33.975	5.5316	1.44677	0.00021	44.6505	250.000
2.6011	9364	44.6505	25.984	37.00	41.250	1949.989	47.623	-5.206	29.766	4.846	6.978	31.496	33.975	5.5316	1.44663	0.00021	44.6507	250.000
2.6014	9365	44.6507	25.984	37.00	41.250	1950.191	47.628	-5.206	29.766	4.846	6.978	31.496	33.975	5.5316	1.44650	0.00021	44.6509	250.000
2.6017	9366	44.6509	25.984	37.00	41.250	1950.393	47.633	-5.206	29.767	4.847	6.978	31.496	33.975	5.5316	1.44637	0.00021	44.6511	250.000
2.6019	9367	44.6511	25.985	37.00	41.250	1950.595	47.637	-5.206	29.768	4.847	6.978	31.496	33.975	5.5316	1.44624	0.00021	44.6513	250.000
2.6022	9368	44.6513	25.985	37.00	41.250	1950.797	47.642	-5.206	29.769	4.847	6.978	31.496	33.975	5.5316	1.44611	0.00021	44.6515	250.000
2.6025	9369	44.6515	25.985	37.00	41.250	1950.999	47.647	-5.206	29.770	4.847	6.978	31.496	33.975	5.5316	1.44598	0.00021	44.6517	250.000
2.6028	9370	44.6517	25.985	37.00	41.250	1951.201	47.652	-5.206	29.770	4.847	6.977	31.496	33.975	5.5316	1.44585	0.00021	44.6520	250.000
2.6031	9371	44.6520	25.985	37.00	41.250	1951.403	47.657	-5.206	29.771	4.847	6.977	31.496	33.975	5.5316	1.44572	0.00021	44.6522	250.000
2.6033	9372	44.6522	25.986	37.00	41.250	1951.605	47.662	-5.206	29.772	4.847	6.977	31.496	33.975	5.5316	1.44559	0.00021	44.6524	250.000
2.6036	9373	44.6524	25.986	37.00	41.250	1951.807	47.667	-5.206	29.773	4.847	6.977	31.496	33.975	5.5316	1.44546	0.00021	44.6526	250.000
2.6039	9374	44.6526	25.986	37.00	41.250	1952.009	47.672	-5.206	29.774	4.848	6.977	31.496	33.975	5.5316	1.44533	0.00021	44.6528	250.000
2.6042	9375	44.6528	25.986	37.00	41.250	1952.211	47.677	-5.206	29.774	4.848	6.977	31.496	33.975	5.5316	1.44520	0.00021	44.6530	250.000
2.6044	9376	44.6530	25.986	37.00	41.250	1952.413	47.682	-5.206	29.775	4.848	6.977	31.496	33.975	5.5316	1.44506	0.00021	44.6532	250.000
2.6047	9377	44.6532	25.987	37.00	41.250	1952.615	47.687	-5.206	29.776	4.848	6.976	31.496	33.975	5.5316	1.44493	0.00021	44.6534	250.000
2.6050	9378	44.6534	25.987	37.00	41.250	1952.817	47.692	-5.206	29.777	4.848	6.976	31.496	33.975	5.5316	1.44480	0.00021	44.6536	250.000
2.6053	9379	44.6536	25.987	37.00	41.250	1953.019	47.697	-5.206	29.778	4.848	6.976	31.496	33.975	5.5316	1.44467	0.00021	44.6538	250.000
2.6056	9380	44.6538	25.987	37.00	41.250	1953.221	47.702	-5.206	29.778	4.848	6.976	31.496	33.975	5.5316	1.44454	0.00021	44.6540	250.000
2.6058	9381	44.6540	25.987	37.00	41.250	1953.423	47.707	-5.206	29.779	4.848	6.976	31.496	33.975	5.5316	1.44441	0.00021	44.6542	250.000
2.6061	9382	44.6542	25.988	37.00	41.250	1953.625	47.711	-5.206	29.780	4.849	6.976	31.496	33.975	5.5316	1.44428	0.00021	44.6544	250.000
2.6064	9383	44.6544	25.988	37.00	41.250	1953.827	47.716	-5.206	29.781	4.849	6.976	31.496	33.975	5.5316	1.44415	0.00021	44.6546	250.000
2.6067	9384	44.6546	25.988	37.00	41.250	1954.029	47.721	-5.206	29.782	4.849	6.976	31.496	33.975	5.5316	1.44402	0.00021	44.6548	250.000
2.6069	9385	44.6548	25.988	37.00	41.250	1954.231	47.726	-5.206	29.782	4.849	6.975	31.496	33.975	5.5316	1.44389	0.00021	44.6551	250.000
2.6072	9386	44.6551	25.988	37.00	41.250	1954.433	47.731	-5.206	29.783	4.849	6.975	31.496	33.975	5.5316	1.44376	0.00021	44.6553	250.000
2.6075	9387	44.6553	25.989	37.00	41.250	1954.635	47.736	-5.206	29.784	4.849	6.975	31.496	33.975	5.5316	1.44363	0.00021	44.6555	250.000
2.6078	9388	44.6555	25.989	37.00	41.250	1954.838	47.741	-5.206	29.785	4.849	6.975	31.496	33.975	5.5316	1.44350	0.00021	44.6557	250.000
2.6081	9389	44.6557	25.989	37.00	41.250	1955.040	47.746	-5.206	29.786	4.850	6.975	31.496	33.975	5.5316	1.44337	0.00021	44.6559	250.000
2.6083	9390	44.6559	25.989	37.00	41.250	1955.242	47.751	-5.206	29.786	4.850	6.975	31.496	33.975	5.5316	1.44323	0.00021	44.6561	250.000
2.6086	9391	44.6561	25.989	37.00	41.250	1955.444	47.756	-5.206	29.787	4.850	6.975	31.496	33.975	5.5316	1.44310	0.00021	44.6563	250.000
2.6089	9392	44.6563	25.990	37.00	41.250	1955.646	47.761	-5.206	29.788	4.850	6.975	31.496	33.975	5.5316	1.44297	0.00021	44.6565	250.000
2.6092	9393	44.6565	25.990	37.00	41.250	1955.848	47.766	-5.206	29.789	4.850	6.974	31.496	33.975	5.5316	1.44284	0.00021	44.6567	250.000
2.6094	9394	44.6567	25.990	37.00	41.250	1956.050	47.771	-5.206	29.790	4.850	6.974	31.496	33.975	5.5316	1.44271	0.00021	44.6569	250.000
2.6097	9395	44.6569	25.990	37.00	41.250	1956.252	47.776	-5.206	29.791	4.850	6.974	31.496	33.975	5.5316	1.44258	0.00021	44.6571	250.000
2.6100	9396	44.6571	25.991	37.00	41.250	1956.454	47.781	-5.206	29.791	4.850	6.974	31.496	33.975	5.5316	1.44245	0.00021	44.6573	250.000
2.6103	9397	44.6573	25.991	37.00	41.250	1956.656	47.785	-5.206	29.792	4.851	6.974	31.496	33.975	5.5316	1.44232	0.00021	44.6575	250.000
2.6106	9398	44.6575	25.991	37.00	41.250	1956.858	47.790	-5.206	29.793	4.851	6.974	31.496	33.975	5.5316	1.44219	0.00021	44.6577	250.000
2.6108	9399	44.6577	25.991	37.00	41.250	1957.060	47.795	-5.206	29.794	4.851	6.974	31.496	33.975	5.5316	1.44206	0.00021	44.6579	250.000
2.6111	9400	44.6579	25.991	37.00	41.250	1957.262	47.800	-5.206	29.795	4.851	6.973	31.496	33.975	5.5316	1.44193	0.00021	44.6581	250.000
2.6114	9401	44.6581	25.992	37.00	41.250	1957.464	47.805	-5.206	29.795	4.851	6.973	31.496	33.975	5.5316	1.44180	0.00021	44.6583	250.000
2.6117	9402	44.6583	25.992	37.00	41.250	1957.666	47.810	-5.206	29.796	4.851	6.973	31.496	33.975	5.5316	1.44167	0.00021	44.6586	250.000
2.6119	9403	44.6586	25.992	37.00	41.250	1957.868	47.815	-5.206	29.797	4.851	6.973	31.496	33.975	5.5316	1.44154	0.00021	44.6588	250.000
2.6122	9404	44.6588	25.992	37.00	41.250	1958.070	47.820	-5.206	29.798	4.851	6.973	31.496	33.975	5.5316	1.44141	0.00021	44.6590	250.000
2.6125	9405	44.6590	25.992	37.00	41.250	1958.272	47.825	-5.206	29.799	4.852	6.973	31.496	33.975	5.5316	1.44128	0.00021	44.6592	250.000
2.6128	9406	44.6592	25.993	37.00	41.250	1958.474	47.830	-5.206	29.799	4.852	6.973	31.496	33.975	5.5316	1.44115	0.00021	44.6594	250.000
2.6131	9407	44.6594	25.993	37.00	41.250	1958.676	47.835	-5.206	29.800	4.852	6.973	31.496	33.975	5.5316	1.44102	0.00021	44.6596	250.000
2.6133	9408	44.6596	25.993	37.00	41.250	1958.878	47.840	-5.206	29.801	4.852	6.972	31.496	33.975	5.5316	1.44089	0.00021	44.6598	250.000
2.6136	9409	44.6598	25.993	37.00	41.250	1959.080	47.845	-5.206	29.802	4.852	6.972	31.496	33.975	5.5316	1.44076	0.00021	44.6600	250.000
2.6139	9410	44.6600	25.993	37.00	41.250	1959.282	47.850	-5.206	29.803	4.852	6.972	31.496	33.975	5.5316	1.44062	0.00021	44.6602	250.000
2.6142	9411	44.6602	25.994	37.00	41.250	1959.484	47.855	-5.206	29.803	4.852	6.972	31.496	33.975	5.5316	1.44049	0.00021	44.6604	250.000
2.6144	9412	44.6604	25.994	37.00	41.250	1959.686	47.859	-5.206	29.804	4.853	6.972	31.496	33.975	5.5316	1.44036	0.00021	44.6606	250.000
2.6147	9413	44.6606	25.994	37.00	41.250	1959.888	47.864	-5.206	29.805	4.853	6.972	31.496	33.975	5.5316	1.44023	0.00021	44.6608	250.000
2.6150	9414	44.6608	25.994	37.00	41.250	1960.090	47.869	-5.206	29.806	4.853	6.972	31.496	33.975	5.5316	1.44010	0.00021	44.6610	250.000
2.6153	9415	44.6610	25.994	37.00	41.250	1960.292	47.874	-5.206	29.807	4.853	6.972	31.496	33.975	5.5316	1.43997	0.00021	44.6612	250.000
2.6156	9416	44.6612	25.995	37.00	41.250	1960.494	47.879	-5.206	29.807	4.853	6.971	31.496	33.975	5.5316	1.43984	0.00021	44.6614	250.000
2.6158	9417	44.6614	25.995	37.00	41.250	1960.696	47.884	-5.206	29.808	4.853	6.971	31.496	33.975	5.5316	1.43971	0.00021	44.6616	250.000
2.6161	9418	44.6616	25.995	37.00	41.250	1960.898	47.889	-5.206	29.809	4.853	6.971	31.496	33.975	5.5316	1.43958	0.00021	44.6618	250.000
2.6164	9419	44.6618	25.995	37.00	41.250	1961.100	47.894	-5.206	29.810	4.853	6.971	31.496	33.975	5.5316	1.43945	0.00021	44.6621	250.000
2.6167	9420	44.6621	25.995	37.00	41.250	1961.302	47.899	-5.206	29.811	4.854	6.971	31.496	33.975	5.5316	1.43932	0.00021	44.6623	250.000
2.6169	9421	44.6623	25.996	37.00	41.250	1961.504	47.904	-5.206	29.811	4.854	6.971	31.496	33.975	5.5316	1.43919	0.00021	44.6625	250.000
2.6172	9422	44.6625	25.996	37.00	41.250	1961.707	47.909	-5.206	29.812	4.854	6.971	31.496	33.975	5.5316	1.43906	0.00021	44.6627	250.000
2.6175	9423	44.6627	25.996	37.00	41.250	1961.909	47.914	-5.206	29.813	4.854	6.970	31.496	33.975	5.5316	1.43893	0.00021	44.6629	250.000
2.6178	9424	44.6629	25.996	37.00	41.250	1962.111	47.919	-5.206	29.814	4.854	6.970	31.496	33.975	5.5316	1.43880	0.00021	44.6631	250.000
2.6181	9425	44.6631	25.996	37.00	41.250	1962.313	47.924	-5.206	29.815	4.854	6.970	31.496	33.975	5.5316	1.43867	0.00021	44.6633	250.000
2.6183	9426	44.6633	25.997	37.00	41.250	1962.515	47.929	-5.206	29.815	4.854	6.970	31.496	33.975	5.5316	1.43854	0.00021	44.6635	250.000
2.6186	9427	44.6635	25.997	37.00	41.250	1962.717	47.933	-5.206	29.816	4.854	6.970	31.496	33.975	5.5316	1.43841	0.00021	44.6637	250.000
2.6189	9428	44.6637	25.997	37.00	41.250	1962.919	47.938	-5.206	29.817	4.855	6.970	31.496	33.975	5.5316	1.43828	0.00021	44.6639	250.000
2.6192	9429	44.6639	25.997	37.00	41.250	1963.121	47.943	-5.206	29.818	4.855	6.970	31.496	33.975	5.5316	1.43815	0.00021	44.6641	250.000
2.6194	9430	44.6641	25.997	37.00	41.250	1963.323	47.948	-5.206	29.819	4.855	6.970	31.496	33.975	5.5316	1.43802	0.00021	44.6643	250.000
2.6197	9431	44.6643	25.998	37.00	41.250	1963.525	47.953	-5.206	29.819	4.855	6.969	31.496	33.975	5.5316	1.43789	0.00021	44.6645	250.000
2.6200	9432	44.6645	25.998	37.00	41.250	1963.727	47.958	-5.206	29.820	4.855	6.969	31.496	33.975	5.5316	1.43776	0.00021	44.6647	250.000
2.6203	9433	44.6647	25.998	37.00	41.250	1963.929	47.963	-5.206	29.821	4.855	6.969	31.496	33.975	5.5316	1.43763	0.00021	44.6649	250.000
2.6206	9434	44.6649	25.998	37.00	41.250	1964.131	47.968	-5.206	29.822	4.855	6.969	31.496	33.975	5.5316	1.43750	0.00021	44.6651	250.000
2.6208	9435	44.6651	25.999	37.00	41.250	1964.333	47.973	-5.206	29.823	4.856	6.969	31.496	33.975	5.5316	1.43737	0.00021	44.6653	250.000
2.6211	9436	44.6653	25.999	37.00	41.250	1964.535	47.978	-5.206	29.823	4.856	6.969	31.496	33.975	5.5316	1.43724	0.00021	44.6655	250.000
2.6214	9437	44.6655	25.999	37.00	41.250	1964.737	47.983	-5.206	29.824	4.856	6.969	31.496	33.975	5.5316	1.43711	0.00021	44.6658	250.000
2.6217	9438	44.6658	25.999	37.00	41.250	1964.939	47.988	-5.206	29.825	4.856	6.969	31.496	33.975	5.5316	1.43698	0.00021	44.6660	250.000
2.6219	9439	44.6660	25.999	37.00	41.250	1965.141	47.993	-5.206	29.826	4.856	6.968	31.496	33.975	5.5316	1.43685	0.00021	44.6662	250.000
2.6222	9440	44.6662	26.000	37.00	41.250	1965.343	47.998	-5.206	29.827	4.856	6.968	31.496	33.975	5.5316	1.43672	0.00021	44.6664	250.000
2.6225	9441	44.6664	26.000	37.00	41.250	1965.545	48.003	-5.206	29.827	4.856	6.968	31.496	33.975	5.5316	1.43659	0.00021	44.6666	250.000
2.6228	9442	44.6666	26.000	37.00	41.250	1965.747	48.007	-5.206	29.828	4.856	6.968	31.496	33.975	5.5316	1.43646	0.00021	44.6668	250.000

2.6231	9443	44.6668	26.000	37.00	41.250	1965.949	48.012	-5.206	29.829	4.857	6.968	31.496	33.975	5.5316	1.43633	0.00021	44.6670	250.000
2.6233	9444	44.6670	26.000	37.00	41.250	1966.151	48.017	-5.206	29.830	4.857	6.968	31.496	33.975	5.5316	1.43620	0.00021	44.6672	250.000
2.6236	9445	44.6672	26.001	37.00	41.250	1966.353	48.022	-5.206	29.831	4.857	6.968	31.496	33.975	5.5316	1.43607	0.00021	44.6674	250.000
2.6239	9446	44.6674	26.001	37.00	41.250	1966.555	48.027	-5.206	29.831	4.857	6.967	31.496	33.975	5.5316	1.43594	0.00021	44.6676	250.000
2.6242	9447	44.6676	26.001	37.00	41.250	1966.757	48.032	-5.206	29.832	4.857	6.967	31.496	33.975	5.5316	1.43581	0.00021	44.6678	250.000
2.6244	9448	44.6678	26.001	37.00	41.250	1966.959	48.037	-5.206	29.833	4.857	6.967	31.496	33.975	5.5316	1.43568	0.00021	44.6680	250.000
2.6247	9449	44.6680	26.001	37.00	41.250	1967.161	48.042	-5.206	29.834	4.857	6.967	31.496	33.975	5.5316	1.43555	0.00021	44.6682	250.000
2.6250	9450	44.6682	26.002	37.00	41.250	1967.363	48.047	-5.206	29.835	4.857	6.967	31.496	33.975	5.5316	1.43542	0.00021	44.6684	250.000
2.6253	9451	44.6684	26.002	37.00	41.250	1967.565	48.052	-5.206	29.835	4.858	6.967	31.496	33.975	5.5316	1.43529	0.00021	44.6686	250.000
2.6256	9452	44.6686	26.002	37.00	41.250	1967.767	48.057	-5.206	29.836	4.858	6.967	31.496	33.975	5.5316	1.43516	0.00021	44.6688	250.000
2.6258	9453	44.6688	26.002	37.00	41.250	1967.969	48.062	-5.206	29.837	4.858	6.967	31.496	33.975	5.5316	1.43503	0.00021	44.6690	250.000
2.6261	9454	44.6690	26.002	37.00	41.250	1968.171	48.067	-5.206	29.838	4.858	6.966	31.496	33.975	5.5316	1.43490	0.00020	44.6692	250.000
2.6264	9455	44.6692	26.003	37.00	41.250	1968.374	48.072	-5.206	29.838	4.858	6.966	31.496	33.975	5.5316	1.43477	0.00020	44.6694	250.000
2.6267	9456	44.6694	26.003	37.00	41.250	1968.576	48.077	-5.206	29.839	4.858	6.966	31.496	33.975	5.5316	1.43464	0.00020	44.6696	250.000
2.6269	9457	44.6696	26.003	37.00	41.250	1968.778	48.082	-5.206	29.840	4.858	6.966	31.496	33.975	5.5316	1.43451	0.00020	44.6699	250.000
2.6272	9458	44.6699	26.003	37.00	41.250	1968.980	48.086	-5.206	29.841	4.858	6.966	31.496	33.975	5.5316	1.43438	0.00020	44.6701	250.000
2.6275	9459	44.6701	26.003	37.00	41.250	1969.182	48.091	-5.206	29.842	4.859	6.966	31.496	33.975	5.5316	1.43425	0.00020	44.6703	250.000
2.6278	9460	44.6703	26.004	37.00	41.250	1969.384	48.096	-5.206	29.842	4.859	6.966	31.496	33.975	5.5316	1.43412	0.00020	44.6705	250.000
2.6281	9461	44.6705	26.004	37.00	41.250	1969.586	48.101	-5.206	29.843	4.859	6.966	31.496	33.975	5.5316	1.43399	0.00020	44.6707	250.000
2.6283	9462	44.6707	26.004	37.00	41.250	1969.788	48.106	-5.206	29.844	4.859	6.965	31.496	33.975	5.5316	1.43386	0.00020	44.6709	250.000
2.6286	9463	44.6709	26.004	37.00	41.250	1969.990	48.111	-5.206	29.845	4.859	6.965	31.496	33.975	5.5316	1.43373	0.00020	44.6711	250.000
2.6289	9464	44.6711	26.004	37.00	41.250	1970.192	48.116	-5.206	29.846	4.859	6.965	31.496	33.975	5.5316	1.43360	0.00020	44.6713	250.000
2.6292	9465	44.6713	26.005	37.00	41.250	1970.394	48.121	-5.206	29.846	4.859	6.965	31.496	33.975	5.5316	1.43347	0.00020	44.6715	250.000
2.6294	9466	44.6715	26.005	37.00	41.250	1970.596	48.126	-5.206	29.847	4.860	6.965	31.496	33.975	5.5316	1.43334	0.00020	44.6717	250.000
2.6297	9467	44.6717	26.005	37.00	41.250	1970.798	48.131	-5.206	29.848	4.860	6.965	31.496	33.975	5.5316	1.43321	0.00020	44.6719	250.000
2.6300	9468	44.6719	26.005	37.00	41.250	1971.000	48.136	-5.206	29.849	4.860	6.965	31.496	33.975	5.5316	1.43308	0.00020	44.6721	250.000
2.6303	9469	44.6721	26.005	37.00	41.250	1971.202	48.141	-5.206	29.850	4.860	6.965	31.496	33.975	5.5316	1.43295	0.00020	44.6723	250.000
2.6306	9470	44.6723	26.006	37.00	41.250	1971.404	48.146	-5.206	29.850	4.860	6.964	31.496	33.975	5.5316	1.43282	0.00020	44.6725	250.000
2.6308	9471	44.6725	26.006	37.00	41.250	1971.606	48.151	-5.206	29.851	4.860	6.964	31.496	33.975	5.5316	1.43269	0.00020	44.6727	250.000
2.6311	9472	44.6727	26.006	37.00	41.250	1971.808	48.156	-5.206	29.852	4.860	6.964	31.496	33.975	5.5316	1.43256	0.00020	44.6729	250.000
2.6314	9473	44.6729	26.006	37.00	41.250	1972.010	48.160	-5.206	29.853	4.860	6.964	31.496	33.975	5.5316	1.43243	0.00020	44.6731	250.000
2.6317	9474	44.6731	26.007	37.00	41.250	1972.212	48.165	-5.206	29.854	4.861	6.964	31.496	33.975	5.5316	1.43231	0.00020	44.6733	250.000
2.6319	9475	44.6733	26.007	37.00	41.250	1972.414	48.170	-5.206	29.854	4.861	6.964	31.496	33.975	5.5316	1.43218	0.00020	44.6735	250.000
2.6322	9476	44.6735	26.007	37.00	41.250	1972.616	48.175	-5.206	29.855	4.861	6.964	31.496	33.975	5.5316	1.43205	0.00020	44.6737	250.000
2.6325	9477	44.6737	26.007	37.00	41.250	1972.818	48.180	-5.206	29.856	4.861	6.963	31.496	33.975	5.5316	1.43192	0.00020	44.6739	250.000
2.6328	9478	44.6739	26.007	37.00	41.250	1973.020	48.185	-5.206	29.857	4.861	6.963	31.496	33.975	5.5316	1.43179	0.00020	44.6742	250.000
2.6331	9479	44.6742	26.008	37.00	41.250	1973.222	48.190	-5.206	29.858	4.861	6.963	31.496	33.975	5.5316	1.43166	0.00020	44.6744	250.000
2.6333	9480	44.6744	26.008	37.00	41.250	1973.424	48.195	-5.206	29.858	4.861	6.963	31.496	33.975	5.5316	1.43153	0.00020	44.6746	250.000
2.6336	9481	44.6746	26.008	37.00	41.250	1973.626	48.200	-5.206	29.859	4.861	6.963	31.496	33.975	5.5316	1.43140	0.00020	44.6748	250.000
2.6339	9482	44.6748	26.008	37.00	41.250	1973.828	48.205	-5.206	29.860	4.862	6.963	31.496	33.975	5.5316	1.43127	0.00020	44.6750	250.000
2.6342	9483	44.6750	26.008	37.00	41.250	1974.030	48.210	-5.206	29.861	4.862	6.963	31.496	33.975	5.5316	1.43114	0.00020	44.6752	250.000
2.6344	9484	44.6752	26.009	37.00	41.250	1974.232	48.215	-5.206	29.862	4.862	6.963	31.496	33.975	5.5316	1.43101	0.00020	44.6754	250.000
2.6347	9485	44.6754	26.009	37.00	41.250	1974.434	48.220	-5.206	29.862	4.862	6.962	31.496	33.975	5.5316	1.43088	0.00020	44.6756	250.000
2.6350	9486	44.6756	26.009	37.00	41.250	1974.636	48.225	-5.206	29.863	4.862	6.962	31.496	33.975	5.5316	1.43075	0.00020	44.6758	250.000
2.6353	9487	44.6758	26.009	37.00	41.250	1974.838	48.230	-5.206	29.864	4.862	6.962	31.496	33.975	5.5316	1.43062	0.00020	44.6760	250.000
2.6356	9488	44.6760	26.009	37.00	41.250	1975.040	48.234	-5.206	29.865	4.862	6.962	31.496	33.975	5.5316	1.43049	0.00020	44.6762	250.000
2.6358	9489	44.6762	26.010	37.00	41.250	1975.243	48.239	-5.206	29.866	4.863	6.962	31.496	33.975	5.5316	1.43036	0.00020	44.6764	250.000
2.6361	9490	44.6764	26.010	37.00	41.250	1975.445	48.244	-5.206	29.866	4.863	6.962	31.496	33.975	5.5316	1.43023	0.00020	44.6766	250.000
2.6364	9491	44.6766	26.010	37.00	41.250	1975.647	48.249	-5.206	29.867	4.863	6.962	31.496	33.975	5.5316	1.43010	0.00020	44.6768	250.000
2.6367	9492	44.6768	26.010	37.00	41.250	1975.849	48.254	-5.206	29.868	4.863	6.962	31.496	33.975	5.5316	1.42997	0.00020	44.6770	250.000
2.6369	9493	44.6770	26.010	37.00	41.250	1976.051	48.259	-5.206	29.869	4.863	6.961	31.496	33.975	5.5316	1.42984	0.00020	44.6772	250.000
2.6372	9494	44.6772	26.011	37.00	41.250	1976.253	48.264	-5.206	29.870	4.863	6.961	31.496	33.975	5.5316	1.42971	0.00020	44.6774	250.000
2.6375	9495	44.6774	26.011	37.00	41.250	1976.455	48.269	-5.206	29.870	4.863	6.961	31.496	33.975	5.5316	1.42959	0.00020	44.6776	250.000
2.6378	9496	44.6776	26.011	37.00	41.250	1976.657	48.274	-5.206	29.871	4.863	6.961	31.496	33.975	5.5316	1.42946	0.00020	44.6778	250.000
2.6381	9497	44.6778	26.011	37.00	41.250	1976.859	48.279	-5.206	29.872	4.864	6.961	31.496	33.975	5.5316	1.42933	0.00020	44.6780	250.000
2.6383	9498	44.6780	26.011	37.00	41.250	1977.061	48.284	-5.206	29.873	4.864	6.961	31.496	33.975	5.5316	1.42920	0.00020	44.6782	250.000
2.6386	9499	44.6782	26.012	37.00	41.250	1977.263	48.289	-5.206	29.874	4.864	6.961	31.496	33.975	5.5316	1.42907	0.00020	44.6784	250.000
2.6389	9500	44.6784	26.012	37.00	41.250	1977.465	48.294	-5.206	29.874	4.864	6.960	31.496	33.975	5.5316	1.42894	0.00020	44.6786	250.000
2.6392	9501	44.6786	26.012	37.00	41.250	1977.667	48.299	-5.206	29.875	4.864	6.960	31.496	33.975	5.5316	1.42881	0.00020	44.6789	250.000
2.6394	9502	44.6789	26.012	37.00	41.250	1977.869	48.304	-5.206	29.876	4.864	6.960	31.496	33.975	5.5316	1.42868	0.00020	44.6791	250.000
2.6397	9503	44.6791	26.012	37.00	41.250	1978.071	48.308	-5.206	29.877	4.864	6.960	31.496	33.975	5.5316	1.42855	0.00020	44.6793	250.000
2.6400	9504	44.6793	26.013	37.00	41.250	1978.273	48.313	-5.206	29.877	4.864	6.960	31.496	33.975	5.5316	1.42842	0.00020	44.6795	250.000
2.6403	9505	44.6795	26.013	37.00	41.250	1978.475	48.318	-5.206	29.878	4.865	6.960	31.496	33.975	5.5316	1.42829	0.00020	44.6797	250.000
2.6406	9506	44.6797	26.013	37.00	41.250	1978.677	48.323	-5.206	29.879	4.865	6.960	31.496	33.975	5.5316	1.42816	0.00020	44.6799	250.000
2.6408	9507	44.6799	26.013	37.00	41.250	1978.879	48.328	-5.206	29.880	4.865	6.960	31.496	33.975	5.5316	1.42803	0.00020	44.6801	250.000
2.6411	9508	44.6801	26.013	37.00	41.250	1979.081	48.333	-5.206	29.881	4.865	6.959	31.496	33.975	5.5316	1.42790	0.00020	44.6803	250.000
2.6414	9509	44.6803	26.014	37.00	41.250	1979.283	48.338	-5.206	29.881	4.865	6.959	31.496	33.975	5.5316	1.42778	0.00020	44.6805	250.000
2.6417	9510	44.6805	26.014	37.00	41.250	1979.485	48.343	-5.206	29.882	4.865	6.959	31.496	33.975	5.5316	1.42765	0.00020	44.6807	250.000
2.6419	9511	44.6807	26.014	37.00	41.250	1979.687	48.348	-5.206	29.883	4.865	6.959	31.496	33.975	5.5316	1.42752	0.00020	44.6809	250.000
2.6422	9512	44.6809	26.014	37.00	41.250	1979.889	48.353	-5.206	29.884	4.865	6.959	31.496	33.975	5.5316	1.42739	0.00020	44.6811	250.000
2.6425	9513	44.6811	26.014	37.00	41.250	1980.091	48.358	-5.206	29.885	4.866	6.959	31.496	33.975	5.5316	1.42726	0.00020	44.6813	250.000
2.6428	9514	44.6813	26.015	37.00	41.250	1980.293	48.363	-5.206	29.885	4.866	6.959	31.496	33.975	5.5316	1.42713	0.00020	44.6815	250.000
2.6431	9515	44.6815	26.015	37.00	41.250	1980.495	48.368	-5.206	29.886	4.866	6.959	31.496	33.975	5.5316	1.42700	0.00020	44.6817	250.000
2.6433	9516	44.6817	26.015	37.00	41.250	1980.697	48.373	-5.206	29.887	4.866	6.958	31.496	33.975	5.5316	1.42687	0.00020	44.6819	250.000
2.6436	9517	44.6819	26.015	37.00	41.250	1980.899	48.378	-5.206	29.888	4.866	6.958	31.496	33.975	5.5316	1.42674	0.00020	44.6821	250.000
2.6439	9518	44.6821	26.016	37.00	41.250	1981.101	48.382	-5.206	29.889	4.866	6.958	31.496	33.975	5.5316	1.42661	0.00020	44.6823	250.000
2.6442	9519	44.6823	26.016	37.00	41.250	1981.303	48.387	-5.206	29.889	4.866	6.958	31.496	33.975	5.5316	1.42648	0.00020	44.6825	250.000
2.6444	9520	44.6825	26.016	37.00	41.250	1981.505	48.392	-5.206	29.890	4.867	6.958	31.496	33.975	5.5316	1.42635	0.00020	44.6827	250.000
2.6447	9521	44.6827	26.016	37.00	41.250	1981.707	48.397	-5.206	29.891	4.867	6.958	31.496	33.975	5.5316	1.42623	0.00020	44.6829	250.000
2.6450	9522	44.6829	26.016	37.00	41.250	1981.910	48.402	-5.206	29.892	4.867	6.958	31.496	33.975	5.5316	1.42610	0.00020	44.6831	250.000
2.6453	9523	44.6831	26.017	37.00	41.250	1982.112	48.407	-5.206	29.893	4.867	6.958	31.496	33.975	5.5316	1.42597	0.00020	44.6833	250.000

2.6456	9524	44.6833	26.017	37.00	41.250	1982.314	48.412	-5.206	29.893	4.867	6.957	31.496	33.975	5.5316	1.42584	0.00020	44.6835	250.000
2.6458	9525	44.6835	26.017	37.00	41.250	1982.516	48.417	-5.206	29.894	4.867	6.957	31.496	33.975	5.5316	1.42571	0.00020	44.6837	250.000
2.6461	9526	44.6837	26.017	37.00	41.250	1982.718	48.422	-5.206	29.895	4.867	6.957	31.496	33.975	5.5316	1.42558	0.00020	44.6839	250.000
2.6464	9527	44.6839	26.017	37.00	41.250	1982.920	48.427	-5.206	29.896	4.867	6.957	31.496	33.975	5.5316	1.42545	0.00020	44.6842	250.000
2.6467	9528	44.6842	26.018	37.00	41.250	1983.122	48.432	-5.206	29.897	4.868	6.957	31.496	33.975	5.5316	1.42532	0.00020	44.6844	250.000
2.6469	9529	44.6844	26.018	37.00	41.250	1983.324	48.437	-5.206	29.897	4.868	6.957	31.496	33.975	5.5316	1.42519	0.00020	44.6846	250.000
2.6472	9530	44.6846	26.018	37.00	41.250	1983.526	48.442	-5.206	29.898	4.868	6.957	31.496	33.975	5.5316	1.42506	0.00020	44.6848	250.000
2.6475	9531	44.6848	26.018	37.00	41.250	1983.728	48.447	-5.206	29.899	4.868	6.956	31.496	33.975	5.5316	1.42494	0.00020	44.6850	250.000
2.6478	9532	44.6850	26.018	37.00	41.250	1983.930	48.452	-5.206	29.900	4.868	6.956	31.496	33.975	5.5316	1.42481	0.00020	44.6852	250.000
2.6481	9533	44.6852	26.019	37.00	41.250	1984.132	48.456	-5.206	29.900	4.868	6.956	31.496	33.975	5.5316	1.42468	0.00020	44.6854	250.000
2.6483	9534	44.6854	26.019	37.00	41.250	1984.334	48.461	-5.206	29.901	4.868	6.956	31.496	33.975	5.5316	1.42455	0.00020	44.6856	250.000
2.6486	9535	44.6856	26.019	37.00	41.250	1984.536	48.466	-5.206	29.902	4.868	6.956	31.496	33.975	5.5316	1.42442	0.00020	44.6858	250.000
2.6489	9536	44.6858	26.019	37.00	41.250	1984.738	48.471	-5.206	29.903	4.869	6.956	31.496	33.975	5.5316	1.42429	0.00020	44.6860	250.000
2.6492	9537	44.6860	26.019	37.00	41.250	1984.940	48.476	-5.206	29.904	4.869	6.956	31.496	33.975	5.5316	1.42416	0.00020	44.6862	250.000
2.6494	9538	44.6862	26.020	37.00	41.250	1985.142	48.481	-5.206	29.904	4.869	6.956	31.496	33.975	5.5316	1.42403	0.00020	44.6864	250.000
2.6497	9539	44.6864	26.020	37.00	41.250	1985.344	48.486	-5.206	29.905	4.869	6.955	31.496	33.975	5.5316	1.42390	0.00020	44.6866	250.000
2.6500	9540	44.6866	26.020	37.00	41.250	1985.546	48.491	-5.206	29.906	4.869	6.955	31.496	33.975	5.5316	1.42378	0.00020	44.6868	250.000
2.6503	9541	44.6868	26.020	37.00	41.250	1985.748	48.496	-5.206	29.907	4.869	6.955	31.496	33.975	5.5316	1.42365	0.00020	44.6870	250.000
2.6506	9542	44.6870	26.020	37.00	41.250	1985.950	48.501	-5.206	29.908	4.869	6.955	31.496	33.975	5.5316	1.42352	0.00020	44.6872	250.000
2.6508	9543	44.6872	26.021	37.00	41.250	1986.152	48.506	-5.206	29.908	4.869	6.955	31.496	33.975	5.5316	1.42339	0.00020	44.6874	250.000
2.6511	9544	44.6874	26.021	37.00	41.250	1986.354	48.511	-5.206	29.909	4.870	6.955	31.496	33.975	5.5316	1.42326	0.00020	44.6876	250.000
2.6514	9545	44.6876	26.021	37.00	41.250	1986.556	48.516	-5.206	29.910	4.870	6.955	31.496	33.975	5.5316	1.42313	0.00020	44.6878	250.000
2.6517	9546	44.6878	26.021	37.00	41.250	1986.758	48.521	-5.206	29.911	4.870	6.955	31.496	33.975	5.5316	1.42300	0.00020	44.6880	250.000
2.6519	9547	44.6880	26.021	37.00	41.250	1986.960	48.526	-5.206	29.912	4.870	6.954	31.496	33.975	5.5316	1.42287	0.00020	44.6882	250.000
2.6522	9548	44.6882	26.022	37.00	41.250	1987.162	48.530	-5.206	29.912	4.870	6.954	31.496	33.975	5.5316	1.42275	0.00020	44.6884	250.000
2.6525	9549	44.6884	26.022	37.00	41.250	1987.364	48.535	-5.206	29.913	4.870	6.954	31.496	33.975	5.5316	1.42262	0.00020	44.6886	250.000
2.6528	9550	44.6886	26.022	37.00	41.250	1987.566	48.540	-5.206	29.914	4.870	6.954	31.496	33.975	5.5316	1.42249	0.00020	44.6888	250.000
2.6531	9551	44.6888	26.022	37.00	41.250	1987.768	48.545	-5.206	29.915	4.871	6.954	31.496	33.975	5.5316	1.42236	0.00020	44.6890	250.000
2.6533	9552	44.6890	26.022	37.00	41.250	1987.970	48.550	-5.206	29.916	4.871	6.954	31.496	33.975	5.5316	1.42223	0.00020	44.6892	250.000
2.6536	9553	44.6892	26.023	37.00	41.250	1988.172	48.555	-5.206	29.916	4.871	6.954	31.496	33.975	5.5316	1.42210	0.00020	44.6894	250.000
2.6539	9554	44.6894	26.023	37.00	41.250	1988.374	48.560	-5.206	29.917	4.871	6.954	31.496	33.975	5.5316	1.42197	0.00020	44.6896	250.000
2.6542	9555	44.6896	26.023	37.00	41.250	1988.577	48.565	-5.206	29.918	4.871	6.953	31.496	33.975	5.5316	1.42184	0.00020	44.6898	250.000
2.6544	9556	44.6898	26.023	37.00	41.250	1988.779	48.570	-5.206	29.919	4.871	6.953	31.496	33.975	5.5316	1.42172	0.00020	44.6900	250.000
2.6547	9557	44.6900	26.023	37.00	41.250	1988.981	48.575	-5.206	29.919	4.871	6.953	31.496	33.975	5.5316	1.42159	0.00020	44.6903	250.000
2.6550	9558	44.6903	26.024	37.00	41.250	1989.183	48.580	-5.206	29.920	4.871	6.953	31.496	33.975	5.5316	1.42146	0.00020	44.6905	250.000
2.6553	9559	44.6905	26.024	37.00	41.250	1989.385	48.585	-5.206	29.921	4.872	6.953	31.496	33.975	5.5316	1.42133	0.00020	44.6907	250.000
2.6556	9560	44.6907	26.024	37.00	41.250	1989.587	48.590	-5.206	29.922	4.872	6.953	31.496	33.975	5.5316	1.42120	0.00020	44.6909	250.000
2.6558	9561	44.6909	26.024	37.00	41.250	1989.789	48.595	-5.206	29.923	4.872	6.953	31.496	33.975	5.5316	1.42107	0.00020	44.6911	250.000
2.6561	9562	44.6911	26.024	37.00	41.250	1989.991	48.600	-5.206	29.923	4.872	6.952	31.496	33.975	5.5316	1.42094	0.00020	44.6913	250.000
2.6564	9563	44.6913	26.025	37.00	41.250	1990.193	48.605	-5.206	29.924	4.872	6.952	31.496	33.975	5.5316	1.42082	0.00020	44.6915	250.000
2.6567	9564	44.6915	26.025	37.00	41.250	1990.395	48.609	-5.206	29.925	4.872	6.952	31.496	33.975	5.5316	1.42069	0.00020	44.6917	250.000
2.6569	9565	44.6917	26.025	37.00	41.250	1990.597	48.614	-5.206	29.926	4.872	6.952	31.496	33.975	5.5316	1.42056	0.00020	44.6919	250.000
2.6572	9566	44.6919	26.025	37.00	41.250	1990.799	48.619	-5.206	29.927	4.872	6.952	31.496	33.975	5.5316	1.42043	0.00020	44.6921	250.000
2.6575	9567	44.6921	26.025	37.00	41.250	1991.001	48.624	-5.206	29.927	4.873	6.952	31.496	33.975	5.5316	1.42030	0.00020	44.6923	250.000
2.6578	9568	44.6923	26.026	37.00	41.250	1991.203	48.629	-5.206	29.928	4.873	6.952	31.496	33.975	5.5316	1.42017	0.00020	44.6925	250.000
2.6581	9569	44.6925	26.026	37.00	41.250	1991.405	48.634	-5.206	29.929	4.873	6.952	31.496	33.975	5.5316	1.42004	0.00020	44.6927	250.000
2.6583	9570	44.6927	26.026	37.00	41.250	1991.607	48.639	-5.206	29.930	4.873	6.951	31.496	33.975	5.5316	1.41992	0.00020	44.6929	250.000
2.6586	9571	44.6929	26.026	37.00	41.250	1991.809	48.644	-5.206	29.931	4.873	6.951	31.496	33.975	5.5316	1.41979	0.00020	44.6931	250.000
2.6589	9572	44.6931	26.026	37.00	41.250	1992.011	48.649	-5.206	29.931	4.873	6.951	31.496	33.975	5.5316	1.41966	0.00020	44.6933	250.000
2.6592	9573	44.6933	26.027	37.00	41.250	1992.213	48.654	-5.206	29.932	4.873	6.951	31.496	33.975	5.5316	1.41953	0.00020	44.6935	250.000
2.6594	9574	44.6935	26.027	37.00	41.250	1992.415	48.659	-5.206	29.933	4.873	6.951	31.496	33.975	5.5316	1.41940	0.00020	44.6937	250.000
2.6597	9575	44.6937	26.027	37.00	41.250	1992.617	48.664	-5.206	29.934	4.874	6.951	31.496	33.975	5.5316	1.41927	0.00020	44.6939	250.000
2.6600	9576	44.6939	26.027	37.00	41.250	1992.819	48.669	-5.206	29.934	4.874	6.951	31.496	33.975	5.5316	1.41914	0.00020	44.6941	250.000
2.6603	9577	44.6941	26.027	37.00	41.250	1993.021	48.674	-5.206	29.935	4.874	6.951	31.496	33.975	5.5316	1.41902	0.00020	44.6943	250.000
2.6606	9578	44.6943	26.028	37.00	41.250	1993.223	48.679	-5.206	29.936	4.874	6.950	31.496	33.975	5.5316	1.41889	0.00020	44.6945	250.000
2.6608	9579	44.6945	26.028	37.00	41.250	1993.425	48.683	-5.206	29.937	4.874	6.950	31.496	33.975	5.5316	1.41876	0.00020	44.6947	250.000
2.6611	9580	44.6947	26.028	37.00	41.250	1993.627	48.688	-5.206	29.938	4.874	6.950	31.496	33.975	5.5316	1.41863	0.00020	44.6949	250.000
2.6614	9581	44.6949	26.028	37.00	41.250	1993.829	48.693	-5.206	29.938	4.874	6.950	31.496	33.975	5.5316	1.41850	0.00020	44.6951	250.000
2.6617	9582	44.6951	26.029	37.00	41.250	1994.031	48.698	-5.206	29.939	4.875	6.950	31.496	33.975	5.5316	1.41837	0.00020	44.6953	250.000
2.6619	9583	44.6953	26.029	37.00	41.250	1994.233	48.703	-5.206	29.940	4.875	6.950	31.496	33.975	5.5316	1.41825	0.00020	44.6955	250.000
2.6622	9584	44.6955	26.029	37.00	41.250	1994.435	48.708	-5.206	29.941	4.875	6.950	31.496	33.975	5.5316	1.41812	0.00020	44.6957	250.000
2.6625	9585	44.6957	26.029	37.00	41.250	1994.637	48.713	-5.206	29.942	4.875	6.950	31.496	33.975	5.5316	1.41799	0.00020	44.6959	250.000
2.6628	9586	44.6959	26.029	37.00	41.250	1994.839	48.718	-5.206	29.942	4.875	6.949	31.496	33.975	5.5316	1.41786	0.00020	44.6961	250.000
2.6631	9587	44.6961	26.030	37.00	41.250	1995.041	48.723	-5.206	29.943	4.875	6.949	31.496	33.975	5.5316	1.41773	0.00020	44.6963	250.000
2.6633	9588	44.6963	26.030	37.00	41.250	1995.243	48.728	-5.206	29.944	4.875	6.949	31.496	33.975	5.5316	1.41760	0.00020	44.6965	250.000
2.6636	9589	44.6965	26.030	37.00	41.250	1995.446	48.733	-5.206	29.945	4.875	6.949	31.496	33.975	5.5316	1.41748	0.00020	44.6967	250.000
2.6639	9590	44.6967	26.030	37.00	41.250	1995.648	48.738	-5.206	29.945	4.876	6.949	31.496	33.975	5.5316	1.41735	0.00020	44.6969	250.000
2.6642	9591	44.6969	26.030	37.00	41.250	1995.850	48.743	-5.206	29.946	4.876	6.949	31.496	33.975	5.5316	1.41722	0.00020	44.6971	250.000
2.6644	9592	44.6971	26.031	37.00	41.250	1996.052	48.748	-5.206	29.947	4.876	6.949	31.496	33.975	5.5316	1.41709	0.00020	44.6973	250.000
2.6647	9593	44.6973	26.031	37.00	41.250	1996.254	48.753	-5.206	29.948	4.876	6.949	31.496	33.975	5.5316	1.41696	0.00020	44.6976	250.000
2.6650	9594	44.6976	26.031	37.00	41.250	1996.456	48.757	-5.206	29.949	4.876	6.948	31.496	33.975	5.5316	1.41683	0.00020	44.6978	250.000
2.6653	9595	44.6978	26.031	37.00	41.250	1996.658	48.762	-5.206	29.949	4.876	6.948	31.496	33.975	5.5316	1.41671	0.00020	44.6980	250.000
2.6656	9596	44.6980	26.031	37.00	41.250	1996.860	48.767	-5.206	29.950	4.876	6.948	31.496	33.975	5.5316	1.41658	0.00020	44.6982	250.000
2.6658	9597	44.6982	26.032	37.00	41.250	1997.062	48.772	-5.206	29.951	4.876	6.948	31.496	33.975	5.5316	1.41645	0.00020	44.6984	250.000
2.6661	9598	44.6984	26.032	37.00	41.250	1997.264	48.777	-5.206	29.952	4.877	6.948	31.496	33.975	5.5316	1.41632	0.00020	44.6986	250.000
2.6664	9599	44.6986	26.032	37.00	41.250	1997.466	48.782	-5.206	29.953	4.877	6.948	31.496	33.975	5.5316	1.41619	0.00020	44.6988	250.000
2.6667	9600	44.6988	26.032	37.00	41.250	1997.668	48.787	-5.206	29.953	4.877	6.948	31.496	33.975	5.5316	1.41607	0.00020	44.6990	250.000
2.6669	9601	44.6990	26.032	37.00	41.250	1997.870	48.792	-5.206	29.954	4.877	6.947	31.496	33.975	5.5316	1.41594	0.00020	44.6992	250.000
2.6672	9602	44.6992	26.033	37.00	41.250	1998.072	48.797	-5.206	29.955	4.877	6.947	31.496	33.975	5.5316	1.41581	0.00020	44.6994	250.000
2.6675	9603	44.6994	26.033	37.00	41.250	1998.274	48.802	-5.206	29.956	4.877	6.947	31.496	33.975	5.5316	1.41568	0.00020	44.6996	250.000
2.6678	9604	44.6996	26.033	37.00	41.250	1998.476	48.807	-5.206	29.957	4.877	6.947	31.496	33.975	5.5316	1.41555	0.00020	44.6998	250.000

2.6681	9605	44.6998	26.033	37.00	41.250	1998.678	48.812	-5.206	29.957	4.877	6.947	31.496	33.975	5.5316	1.41543	0.00020	44.7000	250.000
2.6683	9606	44.7000	26.033	37.00	41.250	1998.880	48.817	-5.206	29.958	4.878	6.947	31.496	33.975	5.5316	1.41530	0.00020	44.7002	250.000
2.6686	9607	44.7002	26.034	37.00	41.250	1999.082	48.822	-5.206	29.959	4.878	6.947	31.496	33.975	5.5316	1.41517	0.00020	44.7004	250.000
2.6689	9608	44.7004	26.034	37.00	41.250	1999.284	48.827	-5.206	29.960	4.878	6.947	31.496	33.975	5.5316	1.41504	0.00020	44.7006	250.000
2.6692	9609	44.7006	26.034	37.00	41.250	1999.486	48.831	-5.206	29.960	4.878	6.946	31.496	33.975	5.5316	1.41491	0.00020	44.7008	250.000
2.6694	9610	44.7008	26.034	37.00	41.250	1999.688	48.836	-5.206	29.961	4.878	6.946	31.496	33.975	5.5316	1.41478	0.00020	44.7010	250.000
2.6697	9611	44.7010	26.034	37.00	41.250	1999.890	48.841	-5.206	29.962	4.878	6.946	31.496	33.975	5.5316	1.41466	0.00020	44.7012	250.000
2.6700	9612	44.7012	26.035	37.00	41.250	2000.092	48.846	-5.206	29.963	4.878	6.946	31.496	33.975	5.5316	1.41453	0.00020	44.7014	250.000
2.6703	9613	44.7014	26.035	37.00	41.250	2000.294	48.851	-5.206	29.964	4.878	6.946	31.496	33.975	5.5316	1.41440	0.00020	44.7016	250.000
2.6706	9614	44.7016	26.035	37.00	41.250	2000.496	48.856	-5.206	29.964	4.879	6.946	31.496	33.975	5.5316	1.41427	0.00020	44.7018	250.000
2.6708	9615	44.7018	26.035	37.00	41.250	2000.698	48.861	-5.206	29.965	4.879	6.946	31.496	33.975	5.5316	1.41414	0.00020	44.7020	250.000
2.6711	9616	44.7020	26.035	37.00	41.250	2000.900	48.866	-5.206	29.966	4.879	6.946	31.496	33.975	5.5316	1.41402	0.00020	44.7022	250.000
2.6714	9617	44.7022	26.036	37.00	41.250	2001.102	48.871	-5.206	29.967	4.879	6.945	31.496	33.975	5.5316	1.41389	0.00020	44.7024	250.000
2.6717	9618	44.7024	26.036	37.00	41.250	2001.304	48.876	-5.206	29.968	4.879	6.945	31.496	33.975	5.5316	1.41376	0.00020	44.7026	250.000
2.6719	9619	44.7026	26.036	37.00	41.250	2001.506	48.881	-5.206	29.968	4.879	6.945	31.496	33.975	5.5316	1.41363	0.00020	44.7028	250.000
2.6722	9620	44.7028	26.036	37.00	41.250	2001.708	48.886	-5.206	29.969	4.879	6.945	31.496	33.975	5.5316	1.41350	0.00020	44.7030	250.000
2.6725	9621	44.7030	26.036	37.00	41.250	2001.910	48.891	-5.206	29.970	4.879	6.945	31.496	33.975	5.5316	1.41338	0.00020	44.7032	250.000
2.6728	9622	44.7032	26.037	37.00	41.250	2002.113	48.896	-5.206	29.971	4.880	6.945	31.496	33.975	5.5316	1.41325	0.00020	44.7034	250.000
2.6731	9623	44.7034	26.037	37.00	41.250	2002.315	48.901	-5.206	29.971	4.880	6.945	31.496	33.975	5.5316	1.41312	0.00020	44.7036	250.000
2.6733	9624	44.7036	26.037	37.00	41.250	2002.517	48.905	-5.206	29.972	4.880	6.945	31.496	33.975	5.5316	1.41299	0.00020	44.7038	250.000
2.6736	9625	44.7038	26.037	37.00	41.250	2002.719	48.910	-5.206	29.973	4.880	6.944	31.496	33.975	5.5316	1.41287	0.00020	44.7040	250.000
2.6739	9626	44.7040	26.037	37.00	41.250	2002.921	48.915	-5.206	29.974	4.880	6.944	31.496	33.975	5.5316	1.41274	0.00020	44.7042	250.000
2.6742	9627	44.7042	26.038	37.00	41.250	2003.123	48.920	-5.206	29.975	4.880	6.944	31.496	33.975	5.5316	1.41261	0.00020	44.7044	250.000
2.6744	9628	44.7044	26.038	37.00	41.250	2003.325	48.925	-5.206	29.975	4.880	6.944	31.496	33.975	5.5316	1.41248	0.00020	44.7046	250.000
2.6747	9629	44.7046	26.038	37.00	41.250	2003.527	48.930	-5.206	29.976	4.881	6.944	31.496	33.975	5.5316	1.41235	0.00020	44.7048	250.000
2.6750	9630	44.7048	26.038	37.00	41.250	2003.729	48.935	-5.206	29.977	4.881	6.944	31.496	33.975	5.5316	1.41223	0.00020	44.7050	250.000
2.6753	9631	44.7050	26.038	37.00	41.250	2003.931	48.940	-5.206	29.978	4.881	6.944	31.496	33.975	5.5316	1.41210	0.00020	44.7052	250.000
2.6756	9632	44.7052	26.039	37.00	41.250	2004.133	48.945	-5.206	29.979	4.881	6.944	31.496	33.975	5.5316	1.41197	0.00020	44.7054	250.000
2.6758	9633	44.7054	26.039	37.00	41.250	2004.335	48.950	-5.206	29.979	4.881	6.943	31.496	33.975	5.5316	1.41184	0.00020	44.7056	250.000
2.6761	9634	44.7056	26.039	37.00	41.250	2004.537	48.955	-5.206	29.980	4.881	6.943	31.496	33.975	5.5316	1.41172	0.00020	44.7058	250.000
2.6764	9635	44.7058	26.039	37.00	41.250	2004.739	48.960	-5.206	29.981	4.881	6.943	31.496	33.975	5.5316	1.41159	0.00020	44.7060	250.000
2.6767	9636	44.7060	26.039	37.00	41.250	2004.941	48.965	-5.206	29.982	4.881	6.943	31.496	33.975	5.5316	1.41146	0.00020	44.7062	250.000
2.6769	9637	44.7062	26.040	37.00	41.250	2005.143	48.970	-5.206	29.982	4.882	6.943	31.496	33.975	5.5316	1.41133	0.00020	44.7064	250.000
2.6772	9638	44.7064	26.040	37.00	41.250	2005.345	48.975	-5.206	29.983	4.882	6.943	31.496	33.975	5.5316	1.41120	0.00020	44.7066	250.000
2.6775	9639	44.7066	26.040	37.00	41.250	2005.547	48.979	-5.206	29.984	4.882	6.943	31.496	33.975	5.5316	1.41108	0.00020	44.7068	250.000
2.6778	9640	44.7068	26.040	37.00	41.250	2005.749	48.984	-5.206	29.985	4.882	6.943	31.496	33.975	5.5316	1.41095	0.00020	44.7070	250.000
2.6781	9641	44.7070	26.040	37.00	41.250	2005.951	48.989	-5.206	29.986	4.882	6.942	31.496	33.975	5.5316	1.41082	0.00020	44.7072	250.000
2.6783	9642	44.7072	26.041	37.00	41.250	2006.153	48.994	-5.206	29.986	4.882	6.942	31.496	33.975	5.5316	1.41069	0.00020	44.7074	250.000
2.6786	9643	44.7074	26.041	37.00	41.250	2006.355	48.999	-5.206	29.987	4.882	6.942	31.496	33.975	5.5316	1.41057	0.00020	44.7076	250.000
2.6789	9644	44.7076	26.041	37.00	41.250	2006.557	49.004	-5.206	29.988	4.882	6.942	31.496	33.975	5.5316	1.41044	0.00020	44.7079	250.000
2.6792	9645	44.7079	26.041	37.00	41.250	2006.759	49.009	-5.206	29.989	4.883	6.942	31.496	33.975	5.5316	1.41031	0.00020	44.7081	250.000
2.6794	9646	44.7081	26.041	37.00	41.250	2006.961	49.014	-5.206	29.990	4.883	6.942	31.496	33.975	5.5316	1.41018	0.00020	44.7083	250.000
2.6797	9647	44.7083	26.042	37.00	41.250	2007.163	49.019	-5.206	29.990	4.883	6.942	31.496	33.975	5.5316	1.41006	0.00020	44.7085	250.000
2.6800	9648	44.7085	26.042	37.00	41.250	2007.365	49.024	-5.206	29.991	4.883	6.941	31.496	33.975	5.5316	1.40993	0.00020	44.7087	250.000
2.6803	9649	44.7087	26.042	37.00	41.250	2007.567	49.029	-5.206	29.992	4.883	6.941	31.496	33.975	5.5316	1.40980	0.00020	44.7089	250.000
2.6806	9650	44.7089	26.042	37.00	41.250	2007.769	49.034	-5.206	29.993	4.883	6.941	31.496	33.975	5.5316	1.40967	0.00020	44.7091	250.000
2.6808	9651	44.7091	26.042	37.00	41.250	2007.971	49.039	-5.206	29.993	4.883	6.941	31.496	33.975	5.5316	1.40955	0.00020	44.7093	250.000
2.6811	9652	44.7093	26.043	37.00	41.250	2008.173	49.044	-5.206	29.994	4.883	6.941	31.496	33.975	5.5316	1.40942	0.00020	44.7095	250.000
2.6814	9653	44.7095	26.043	37.00	41.250	2008.375	49.049	-5.206	29.995	4.884	6.941	31.496	33.975	5.5316	1.40929	0.00020	44.7097	250.000
2.6817	9654	44.7097	26.043	37.00	41.250	2008.577	49.053	-5.206	29.996	4.884	6.941	31.496	33.975	5.5316	1.40916	0.00020	44.7099	250.000
2.6819	9655	44.7099	26.043	37.00	41.250	2008.779	49.058	-5.206	29.997	4.884	6.941	31.496	33.975	5.5316	1.40903	0.00020	44.7101	250.000
2.6822	9656	44.7101	26.043	37.00	41.250	2008.982	49.063	-5.206	29.997	4.884	6.940	31.496	33.975	5.5316	1.40891	0.00020	44.7103	250.000
2.6825	9657	44.7103	26.044	37.00	41.250	2009.184	49.068	-5.206	29.998	4.884	6.940	31.496	33.975	5.5316	1.40878	0.00020	44.7105	250.000
2.6828	9658	44.7105	26.044	37.00	41.250	2009.386	49.073	-5.206	29.999	4.884	6.940	31.496	33.975	5.5316	1.40865	0.00020	44.7107	250.000
2.6831	9659	44.7107	26.044	37.00	41.250	2009.588	49.078	-5.206	30.000	4.884	6.940	31.496	33.975	5.5316	1.40852	0.00020	44.7109	250.000
2.6833	9660	44.7109	26.044	37.00	41.250	2009.790	49.083	-5.206	30.000	4.884	6.940	31.496	33.975	5.5316	1.40840	0.00020	44.7111	250.000
2.6836	9661	44.7111	26.044	37.00	41.250	2009.992	49.088	-5.206	30.001	4.885	6.940	31.496	33.975	5.5316	1.40827	0.00020	44.7113	250.000
2.6839	9662	44.7113	26.045	37.00	41.250	2010.194	49.093	-5.206	30.002	4.885	6.940	31.496	33.975	5.5316	1.40814	0.00020	44.7115	250.000
2.6842	9663	44.7115	26.045	37.00	41.250	2010.396	49.098	-5.206	30.003	4.885	6.940	31.496	33.975	5.5316	1.40802	0.00020	44.7117	250.000
2.6844	9664	44.7117	26.045	37.00	41.250	2010.598	49.103	-5.206	30.004	4.885	6.939	31.496	33.975	5.5316	1.40789	0.00020	44.7119	250.000
2.6847	9665	44.7119	26.045	37.00	41.250	2010.800	49.108	-5.206	30.004	4.885	6.939	31.496	33.975	5.5316	1.40776	0.00020	44.7121	250.000
2.6850	9666	44.7121	26.045	37.00	41.250	2011.002	49.113	-5.206	30.005	4.885	6.939	31.496	33.975	5.5316	1.40763	0.00020	44.7123	250.000
2.6853	9667	44.7123	26.046	37.00	41.250	2011.204	49.118	-5.206	30.006	4.885	6.939	31.496	33.975	5.5316	1.40751	0.00020	44.7125	250.000
2.6856	9668	44.7125	26.046	37.00	41.250	2011.406	49.123	-5.206	30.007	4.885	6.939	31.496	33.975	5.5316	1.40738	0.00020	44.7127	250.000
2.6858	9669	44.7127	26.046	37.00	41.250	2011.608	49.128	-5.206	30.008	4.886	6.939	31.496	33.975	5.5316	1.40725	0.00020	44.7129	250.000
2.6861	9670	44.7129	26.046	37.00	41.250	2011.810	49.132	-5.206	30.008	4.886	6.939	31.496	33.975	5.5316	1.40712	0.00020	44.7131	250.000
2.6864	9671	44.7131	26.046	37.00	41.250	2012.012	49.137	-5.206	30.009	4.886	6.939	31.496	33.975	5.5316	1.40700	0.00020	44.7133	250.000
2.6867	9672	44.7133	26.047	37.00	41.250	2012.214	49.142	-5.206	30.010	4.886	6.938	31.496	33.975	5.5316	1.40687	0.00020	44.7135	250.000
2.6869	9673	44.7135	26.047	37.00	41.250	2012.416	49.147	-5.206	30.011	4.886	6.938	31.496	33.975	5.5316	1.40674	0.00020	44.7137	250.000
2.6872	9674	44.7137	26.047	37.00	41.250	2012.618	49.152	-5.206	30.011	4.886	6.938	31.496	33.975	5.5316	1.40661	0.00020	44.7139	250.000
2.6875	9675	44.7139	26.047	37.00	41.250	2012.820	49.157	-5.206	30.012	4.886	6.938	31.496	33.975	5.5316	1.40649	0.00020	44.7141	250.000
2.6878	9676	44.7141	26.047	37.00	41.250	2013.022	49.162	-5.206	30.013	4.887	6.938	31.496	33.975	5.5316	1.40636	0.00020	44.7143	250.000
2.6881	9677	44.7143	26.048	37.00	41.250	2013.224	49.167	-5.206	30.014	4.887	6.938	31.496	33.975	5.5316	1.40623	0.00020	44.7145	250.000
2.6883	9678	44.7145	26.048	37.00	41.250	2013.426	49.172	-5.206	30.015	4.887	6.938	31.496	33.975	5.5316	1.40611	0.00020	44.7147	250.000
2.6886	9679	44.7147	26.048	37.00	41.250	2013.628	49.177	-5.206	30.015	4.887	6.938	31.496	33.975	5.5316	1.40598	0.00020	44.7149	250.000
2.6889	9680	44.7149	26.048	37.00	41.250	2013.830	49.182	-5.206	30.016	4.887	6.937	31.496	33.975	5.5316	1.40585	0.00020	44.7151	250.000
2.6892	9681	44.7151	26.048	37.00	41.250	2014.032	49.187	-5.206	30.017	4.887	6.937	31.496	33.975	5.5316	1.40572	0.00020	44.7153	250.000
2.6894	9682	44.7153	26.049	37.00	41.250	2014.234	49.192	-5.206	30.018	4.887	6.937	31.496	33.975	5.5316	1.40560	0.00020	44.7155	250.000
2.6897	9683	44.7155	26.049	37.00	41.250	2014.436	49.197	-5.206	30.018	4.887	6.937	31.496	33.975	5.5316	1.40547	0.00020	44.7157	250.000
2.6900	9684	44.7157	26.049	37.00	41.250	2014.638	49.202	-5.206	30.019	4.888	6.937	31.496	33.975	5.5316	1.40534	0.00020	44.7159	250.000
2.6903	9685	44.7159	26.049	37.00	41.250	2014.840	49.206	-5.206	30.020	4.888	6.937	31.496	33.975	5.5316	1.40521	0.00020	44.7161	250.000

2.6906	9686	44.7161	26.049	37.00	41.250	2015.042	49.211	-5.206	30.021	4.888	6.937	31.496	33.975	5.5316	1.40509	0.00020	44.7163	250.000
2.6908	9687	44.7163	26.050	37.00	41.250	2015.244	49.216	-5.206	30.022	4.888	6.937	31.496	33.975	5.5316	1.40496	0.00020	44.7165	250.000
2.6911	9688	44.7165	26.050	37.00	41.250	2015.446	49.221	-5.206	30.022	4.888	6.936	31.496	33.975	5.5316	1.40483	0.00020	44.7167	250.000
2.6914	9689	44.7167	26.050	37.00	41.250	2015.649	49.226	-5.206	30.023	4.888	6.936	31.496	33.975	5.5316	1.40471	0.00020	44.7169	250.000
2.6917	9690	44.7169	26.050	37.00	41.250	2015.851	49.231	-5.206	30.024	4.888	6.936	31.496	33.975	5.5316	1.40458	0.00020	44.7171	250.000
2.6919	9691	44.7171	26.050	37.00	41.250	2016.053	49.236	-5.206	30.025	4.888	6.936	31.496	33.975	5.5316	1.40445	0.00020	44.7173	250.000
2.6922	9692	44.7173	26.051	37.00	41.250	2016.255	49.241	-5.206	30.025	4.889	6.936	31.496	33.975	5.5316	1.40432	0.00020	44.7175	250.000
2.6925	9693	44.7175	26.051	37.00	41.250	2016.457	49.246	-5.206	30.026	4.889	6.936	31.496	33.975	5.5316	1.40420	0.00020	44.7177	250.000
2.6928	9694	44.7177	26.051	37.00	41.250	2016.659	49.251	-5.206	30.027	4.889	6.936	31.496	33.975	5.5316	1.40407	0.00020	44.7179	250.000
2.6931	9695	44.7179	26.051	37.00	41.250	2016.861	49.256	-5.206	30.028	4.889	6.935	31.496	33.975	5.5316	1.40394	0.00020	44.7181	250.000
2.6933	9696	44.7181	26.051	37.00	41.250	2017.063	49.261	-5.206	30.029	4.889	6.935	31.496	33.975	5.5316	1.40382	0.00020	44.7183	250.000
2.6936	9697	44.7183	26.052	37.00	41.250	2017.265	49.266	-5.206	30.029	4.889	6.935	31.496	33.975	5.5316	1.40369	0.00020	44.7185	250.000
2.6939	9698	44.7185	26.052	37.00	41.250	2017.467	49.271	-5.206	30.030	4.889	6.935	31.496	33.975	5.5316	1.40356	0.00020	44.7187	250.000
2.6942	9699	44.7187	26.052	37.00	41.250	2017.669	49.276	-5.206	30.031	4.889	6.935	31.496	33.975	5.5316	1.40344	0.00020	44.7189	250.000
2.6944	9700	44.7189	26.052	37.00	41.250	2017.871	49.280	-5.206	30.032	4.890	6.935	31.496	33.975	5.5316	1.40331	0.00020	44.7191	250.000
2.6947	9701	44.7191	26.052	37.00	41.250	2018.073	49.285	-5.206	30.033	4.890	6.935	31.496	33.975	5.5316	1.40318	0.00020	44.7193	250.000
2.6950	9702	44.7193	26.053	37.00	41.250	2018.275	49.290	-5.206	30.033	4.890	6.935	31.496	33.975	5.5316	1.40305	0.00020	44.7195	250.000
2.6953	9703	44.7195	26.053	37.00	41.250	2018.477	49.295	-5.206	30.034	4.890	6.934	31.496	33.975	5.5316	1.40293	0.00020	44.7197	250.000
2.6956	9704	44.7197	26.053	37.00	41.250	2018.679	49.300	-5.206	30.035	4.890	6.934	31.496	33.975	5.5316	1.40280	0.00020	44.7199	250.000
2.6958	9705	44.7199	26.053	37.00	41.250	2018.881	49.305	-5.206	30.036	4.890	6.934	31.496	33.975	5.5316	1.40267	0.00020	44.7201	250.000
2.6961	9706	44.7201	26.053	37.00	41.250	2019.083	49.310	-5.206	30.036	4.890	6.934	31.496	33.975	5.5316	1.40255	0.00020	44.7203	250.000
2.6964	9707	44.7203	26.054	37.00	41.250	2019.285	49.315	-5.206	30.037	4.890	6.934	31.496	33.975	5.5316	1.40242	0.00020	44.7205	250.000
2.6967	9708	44.7205	26.054	37.00	41.250	2019.487	49.320	-5.206	30.038	4.891	6.934	31.496	33.975	5.5316	1.40229	0.00020	44.7207	250.000
2.6969	9709	44.7207	26.054	37.00	41.250	2019.689	49.325	-5.206	30.039	4.891	6.934	31.496	33.975	5.5316	1.40217	0.00020	44.7209	250.000
2.6972	9710	44.7209	26.054	37.00	41.250	2019.891	49.330	-5.206	30.040	4.891	6.934	31.496	33.975	5.5316	1.40204	0.00020	44.7211	250.000
2.6975	9711	44.7211	26.054	37.00	41.250	2020.093	49.335	-5.206	30.040	4.891	6.933	31.496	33.975	5.5316	1.40191	0.00020	44.7213	250.000
2.6978	9712	44.7213	26.055	37.00	41.250	2020.295	49.340	-5.206	30.041	4.891	6.933	31.496	33.975	5.5316	1.40179	0.00020	44.7215	250.000
2.6981	9713	44.7215	26.055	37.00	41.250	2020.497	49.345	-5.206	30.042	4.891	6.933	31.496	33.975	5.5316	1.40166	0.00020	44.7217	250.000
2.6983	9714	44.7217	26.055	37.00	41.250	2020.699	49.350	-5.206	30.043	4.891	6.933	31.496	33.975	5.5316	1.40153	0.00020	44.7219	250.000
2.6986	9715	44.7219	26.055	37.00	41.250	2020.901	49.354	-5.206	30.043	4.891	6.933	31.496	33.975	5.5316	1.40140	0.00020	44.7221	250.000
2.6989	9716	44.7221	26.055	37.00	41.250	2021.103	49.359	-5.206	30.044	4.892	6.933	31.496	33.975	5.5316	1.40128	0.00020	44.7223	250.000
2.6992	9717	44.7223	26.056	37.00	41.250	2021.305	49.364	-5.206	30.045	4.892	6.933	31.496	33.975	5.5316	1.40115	0.00020	44.7225	250.000
2.6994	9718	44.7225	26.056	37.00	41.250	2021.507	49.369	-5.206	30.046	4.892	6.933	31.496	33.975	5.5316	1.40102	0.00020	44.7227	250.000
2.6997	9719	44.7227	26.056	37.00	41.250	2021.709	49.374	-5.206	30.047	4.892	6.932	31.496	33.975	5.5316	1.40090	0.00020	44.7229	250.000
2.7000	9720	44.7229	26.056	37.00	41.250	2021.911	49.379	-5.206	30.047	4.892	6.932	31.496	33.975	5.5316	1.40077	0.00020	44.7231	250.000
2.7003	9721	44.7231	26.056	37.00	41.250	2022.113	49.384	-5.206	30.048	4.892	6.932	31.496	33.975	5.5316	1.40064	0.00020	44.7233	250.000
2.7006	9722	44.7233	26.057	37.00	41.250	2022.316	49.389	-5.206	30.049	4.892	6.932	31.496	33.975	5.5316	1.40052	0.00020	44.7235	250.000
2.7008	9723	44.7235	26.057	37.00	41.250	2022.518	49.394	-5.206	30.050	4.892	6.932	31.496	33.975	5.5316	1.40039	0.00020	44.7237	250.000
2.7011	9724	44.7237	26.057	37.00	41.250	2022.720	49.399	-5.206	30.050	4.893	6.932	31.496	33.975	5.5316	1.40026	0.00020	44.7239	250.000
2.7014	9725	44.7239	26.057	37.00	41.250	2022.922	49.404	-5.206	30.051	4.893	6.932	31.496	33.975	5.5316	1.40014	0.00020	44.7241	250.000
2.7017	9726	44.7241	26.058	37.00	41.250	2023.124	49.409	-5.206	30.052	4.893	6.932	31.496	33.975	5.5316	1.40001	0.00020	44.7243	250.000
2.7019	9727	44.7243	26.058	37.00	41.250	2023.326	49.414	-5.206	30.053	4.893	6.931	31.496	33.975	5.5316	1.39988	0.00020	44.7245	250.000
2.7022	9728	44.7245	26.058	37.00	41.250	2023.528	49.419	-5.206	30.054	4.893	6.931	31.496	33.975	5.5316	1.39976	0.00020	44.7247	250.000
2.7025	9729	44.7247	26.058	37.00	41.250	2023.730	49.424	-5.206	30.054	4.893	6.931	31.496	33.975	5.5316	1.39963	0.00020	44.7249	250.000
2.7028	9730	44.7249	26.058	37.00	41.250	2023.932	49.428	-5.206	30.055	4.893	6.931	31.496	33.975	5.5316	1.39950	0.00020	44.7251	250.000
2.7031	9731	44.7251	26.058	37.00	41.250	2024.134	49.433	-5.206	30.056	4.893	6.931	31.496	33.975	5.5316	1.39938	0.00020	44.7253	250.000
2.7033	9732	44.7253	26.059	37.00	41.250	2024.336	49.438	-5.206	30.057	4.894	6.931	31.496	33.975	5.5316	1.39925	0.00020	44.7255	250.000
2.7036	9733	44.7255	26.059	37.00	41.250	2024.538	49.443	-5.206	30.057	4.894	6.931	31.496	33.975	5.5316	1.39912	0.00020	44.7257	250.000
2.7039	9734	44.7257	26.059	37.00	41.250	2024.740	49.448	-5.206	30.058	4.894	6.931	31.496	33.975	5.5316	1.39900	0.00020	44.7259	250.000
2.7042	9735	44.7259	26.059	37.00	41.250	2024.942	49.453	-5.206	30.059	4.894	6.930	31.496	33.975	5.5316	1.39887	0.00020	44.7261	250.000
2.7044	9736	44.7261	26.059	37.00	41.250	2025.144	49.458	-5.206	30.060	4.894	6.930	31.496	33.975	5.5316	1.39874	0.00020	44.7263	250.000
2.7047	9737	44.7263	26.060	37.00	41.250	2025.346	49.463	-5.206	30.061	4.894	6.930	31.496	33.975	5.5316	1.39862	0.00020	44.7265	250.000
2.7050	9738	44.7265	26.060	37.00	41.250	2025.548	49.468	-5.206	30.061	4.894	6.930	31.496	33.975	5.5316	1.39849	0.00020	44.7267	250.000
2.7053	9739	44.7267	26.060	37.00	41.250	2025.750	49.473	-5.206	30.062	4.895	6.930	31.496	33.975	5.5316	1.39836	0.00020	44.7269	250.000
2.7056	9740	44.7269	26.060	37.00	41.250	2025.952	49.478	-5.206	30.063	4.895	6.930	31.496	33.975	5.5316	1.39824	0.00020	44.7271	250.000
2.7058	9741	44.7271	26.060	37.00	41.250	2026.154	49.483	-5.206	30.064	4.895	6.930	31.496	33.975	5.5316	1.39811	0.00020	44.7273	250.000
2.7061	9742	44.7273	26.061	37.00	41.250	2026.356	49.488	-5.206	30.064	4.895	6.930	31.496	33.975	5.5316	1.39798	0.00020	44.7275	250.000
2.7064	9743	44.7275	26.061	37.00	41.250	2026.558	49.493	-5.206	30.065	4.895	6.929	31.496	33.975	5.5316	1.39786	0.00020	44.7277	250.000
2.7067	9744	44.7277	26.061	37.00	41.250	2026.760	49.498	-5.206	30.066	4.895	6.929	31.496	33.975	5.5316	1.39773	0.00020	44.7279	250.000
2.7069	9745	44.7279	26.061	37.00	41.250	2026.962	49.502	-5.206	30.067	4.895	6.929	31.496	33.975	5.5316	1.39761	0.00020	44.7281	250.000
2.7072	9746	44.7281	26.061	37.00	41.250	2027.164	49.507	-5.206	30.068	4.895	6.929	31.496	33.975	5.5316	1.39748	0.00020	44.7283	250.000
2.7075	9747	44.7283	26.062	37.00	41.250	2027.366	49.512	-5.206	30.068	4.896	6.929	31.496	33.975	5.5316	1.39735	0.00020	44.7285	250.000
2.7078	9748	44.7285	26.062	37.00	41.250	2027.568	49.517	-5.206	30.069	4.896	6.929	31.496	33.975	5.5316	1.39723	0.00020	44.7287	250.000
2.7081	9749	44.7287	26.062	37.00	41.250	2027.770	49.522	-5.206	30.070	4.896	6.929	31.496	33.975	5.5316	1.39710	0.00020	44.7289	250.000
2.7083	9750	44.7289	26.062	37.00	41.250	2027.972	49.527	-5.206	30.071	4.896	6.929	31.496	33.975	5.5316	1.39697	0.00020	44.7291	250.000
2.7086	9751	44.7291	26.062	37.00	41.250	2028.174	49.532	-5.206	30.071	4.896	6.928	31.496	33.975	5.5316	1.39685	0.00020	44.7293	250.000
2.7089	9752	44.7293	26.063	37.00	41.250	2028.376	49.537	-5.206	30.072	4.896	6.928	31.496	33.975	5.5316	1.39672	0.00020	44.7295	250.000
2.7092	9753	44.7295	26.063	37.00	41.250	2028.578	49.542	-5.206	30.073	4.896	6.928	31.496	33.975	5.5316	1.39659	0.00020	44.7297	250.000
2.7094	9754	44.7297	26.063	37.00	41.250	2028.780	49.547	-5.206	30.074	4.896	6.928	31.496	33.975	5.5316	1.39647	0.00020	44.7299	250.000
2.7097	9755	44.7299	26.063	37.00	41.250	2028.982	49.552	-5.206	30.075	4.897	6.928	31.496	33.975	5.5316	1.39634	0.00020	44.7301	250.000
2.7100	9756	44.7301	26.063	37.00	41.250	2029.185	49.557	-5.206	30.075	4.897	6.928	31.496	33.975	5.5316	1.39621	0.00020	44.7303	250.000
2.7103	9757	44.7303	26.064	37.00	41.250	2029.387	49.562	-5.206	30.076	4.897	6.928	31.496	33.975	5.5316	1.39609	0.00020	44.7305	250.000
2.7106	9758	44.7305	26.064	37.00	41.250	2029.589	49.567	-5.206	30.077	4.897	6.928	31.496	33.975	5.5316	1.39596	0.00020	44.7307	250.000
2.7108	9759	44.7307	26.064	37.00	41.250	2029.791	49.572	-5.206	30.078	4.897	6.927	31.496	33.975	5.5316	1.39584	0.00020	44.7309	250.000
2.7111	9760	44.7309	26.064	37.00	41.250	2029.993	49.576	-5.206	30.078	4.897	6.927	31.496	33.975	5.5316	1.39571	0.00020	44.7311	250.000
2.7114	9761	44.7311	26.064	37.00	41.250	2030.195	49.581	-5.206	30.079	4.897	6.927	31.496	33.975	5.5316	1.39558	0.00020	44.7313	250.000
2.7117	9762	44.7313	26.065	37.00	41.250	2030.397	49.586	-5.206	30.080	4.897	6.927	31.496	33.975	5.5316	1.39546	0.00020	44.7315	250.000
2.7119	9763	44.7315	26.065	37.00	41.250	2030.599	49.591	-5.206	30.081	4.898	6.927	31.496	33.975	5.5316	1.39533	0.00020	44.7317	250.000
2.7122	9764	44.7317	26.065	37.00	41.250	2030.801	49.596	-5.206	30.082	4.898	6.927	31.496	33.975	5.5316	1.39520	0.00020	44.7319	250.000
2.7125	9765	44.7319	26.065	37.00	41.250	2031.003	49.601	-5.206	30.082	4.898	6.927	31.496	33.975	5.5316	1.39508	0.00020	44.7321	250.000
2.7128	9766	44.7321	26.065	37.00	41.250	2031.205	49.606	-5.206	30.083	4.898	6.927	31.496	33.975	5.5316	1.39495	0.00020	44.7323	250.000

2.7131	9767	44.7323	26.066	37.00	41.250	2031.407	49.611	-5.206	30.084	4.898	6.926	31.496	33.975	5.5316	1.39483	0.00020	44.7325	250.000
2.7133	9768	44.7325	26.066	37.00	41.250	2031.609	49.616	-5.206	30.085	4.898	6.926	31.496	33.975	5.5316	1.39470	0.00020	44.7327	250.000
2.7136	9769	44.7327	26.066	37.00	41.250	2031.811	49.621	-5.206	30.085	4.898	6.926	31.496	33.975	5.5316	1.39457	0.00020	44.7329	250.000
2.7139	9770	44.7329	26.066	37.00	41.250	2032.013	49.626	-5.206	30.086	4.898	6.926	31.496	33.975	5.5316	1.39445	0.00020	44.7331	250.000
2.7142	9771	44.7331	26.066	37.00	41.250	2032.215	49.631	-5.206	30.087	4.899	6.926	31.496	33.975	5.5316	1.39432	0.00020	44.7333	250.000
2.7144	9772	44.7333	26.067	37.00	41.250	2032.417	49.636	-5.206	30.088	4.899	6.926	31.496	33.975	5.5316	1.39419	0.00020	44.7335	250.000
2.7147	9773	44.7335	26.067	37.00	41.250	2032.619	49.641	-5.206	30.088	4.899	6.926	31.496	33.975	5.5316	1.39407	0.00020	44.7337	250.000
2.7150	9774	44.7337	26.067	37.00	41.250	2032.821	49.646	-5.206	30.089	4.899	6.925	31.496	33.975	5.5316	1.39394	0.00020	44.7339	250.000
2.7153	9775	44.7339	26.067	37.00	41.250	2033.023	49.651	-5.206	30.090	4.899	6.925	31.496	33.975	5.5316	1.39382	0.00020	44.7341	250.000
2.7156	9776	44.7341	26.067	37.00	41.250	2033.225	49.655	-5.206	30.091	4.899	6.925	31.496	33.975	5.5316	1.39369	0.00020	44.7343	250.000
2.7158	9777	44.7343	26.068	37.00	41.250	2033.427	49.660	-5.206	30.092	4.899	6.925	31.496	33.975	5.5316	1.39356	0.00020	44.7345	250.000
2.7161	9778	44.7345	26.068	37.00	41.250	2033.629	49.665	-5.206	30.092	4.899	6.925	31.496	33.975	5.5316	1.39344	0.00020	44.7347	250.000
2.7164	9779	44.7347	26.068	37.00	41.250	2033.831	49.670	-5.206	30.093	4.900	6.925	31.496	33.975	5.5316	1.39331	0.00020	44.7349	250.000
2.7167	9780	44.7349	26.068	37.00	41.250	2034.033	49.675	-5.206	30.094	4.900	6.925	31.496	33.975	5.5316	1.39319	0.00020	44.7351	250.000
2.7169	9781	44.7351	26.068	37.00	41.250	2034.235	49.680	-5.206	30.095	4.900	6.925	31.496	33.975	5.5316	1.39306	0.00020	44.7353	250.000
2.7172	9782	44.7353	26.069	37.00	41.250	2034.437	49.685	-5.206	30.095	4.900	6.924	31.496	33.975	5.5316	1.39293	0.00020	44.7355	250.000
2.7175	9783	44.7355	26.069	37.00	41.250	2034.639	49.690	-5.206	30.096	4.900	6.924	31.496	33.975	5.5316	1.39281	0.00020	44.7357	250.000
2.7178	9784	44.7357	26.069	37.00	41.250	2034.841	49.695	-5.206	30.097	4.900	6.924	31.496	33.975	5.5316	1.39268	0.00020	44.7359	250.000
2.7181	9785	44.7359	26.069	37.00	41.250	2035.043	49.700	-5.206	30.098	4.900	6.924	31.496	33.975	5.5316	1.39256	0.00020	44.7361	250.000
2.7183	9786	44.7361	26.069	37.00	41.250	2035.245	49.705	-5.206	30.099	4.900	6.924	31.496	33.975	5.5316	1.39243	0.00020	44.7363	250.000
2.7186	9787	44.7363	26.070	37.00	41.250	2035.447	49.710	-5.206	30.099	4.901	6.924	31.496	33.975	5.5316	1.39230	0.00020	44.7365	250.000
2.7189	9788	44.7365	26.070	37.00	41.250	2035.649	49.715	-5.206	30.100	4.901	6.924	31.496	33.975	5.5316	1.39218	0.00020	44.7367	250.000
2.7192	9789	44.7367	26.070	37.00	41.250	2035.852	49.720	-5.206	30.101	4.901	6.924	31.496	33.975	5.5316	1.39205	0.00020	44.7369	250.000
2.7194	9790	44.7369	26.070	37.00	41.250	2036.054	49.725	-5.206	30.102	4.901	6.923	31.496	33.975	5.5316	1.39193	0.00020	44.7371	250.000
2.7197	9791	44.7371	26.070	37.00	41.250	2036.256	49.729	-5.206	30.102	4.901	6.923	31.496	33.975	5.5316	1.39180	0.00020	44.7373	250.000
2.7200	9792	44.7373	26.071	37.00	41.250	2036.458	49.734	-5.206	30.103	4.901	6.923	31.496	33.975	5.5316	1.39167	0.00020	44.7375	250.000
2.7203	9793	44.7375	26.071	37.00	41.250	2036.660	49.739	-5.206	30.104	4.901	6.923	31.496	33.975	5.5316	1.39155	0.00020	44.7377	250.000
2.7206	9794	44.7377	26.071	37.00	41.250	2036.862	49.744	-5.206	30.105	4.901	6.923	31.496	33.975	5.5316	1.39142	0.00020	44.7379	250.000
2.7208	9795	44.7379	26.071	37.00	41.250	2037.064	49.749	-5.206	30.106	4.902	6.923	31.496	33.975	5.5316	1.39130	0.00020	44.7381	250.000
2.7211	9796	44.7381	26.071	37.00	41.250	2037.266	49.754	-5.206	30.106	4.902	6.923	31.496	33.975	5.5316	1.39117	0.00020	44.7383	250.000
2.7214	9797	44.7383	26.072	37.00	41.250	2037.468	49.759	-5.206	30.107	4.902	6.923	31.496	33.975	5.5316	1.39104	0.00020	44.7385	250.000
2.7217	9798	44.7385	26.072	37.00	41.250	2037.670	49.764	-5.206	30.108	4.902	6.922	31.496	33.975	5.5316	1.39092	0.00020	44.7387	250.000
2.7219	9799	44.7387	26.072	37.00	41.250	2037.872	49.769	-5.206	30.109	4.902	6.922	31.496	33.975	5.5316	1.39079	0.00020	44.7389	250.000
2.7222	9800	44.7389	26.072	37.00	41.250	2038.074	49.774	-5.206	30.109	4.902	6.922	31.496	33.975	5.5316	1.39067	0.00020	44.7391	250.000
2.7225	9801	44.7391	26.072	37.00	41.250	2038.276	49.779	-5.206	30.110	4.902	6.922	31.496	33.975	5.5316	1.39054	0.00020	44.7393	250.000
2.7228	9802	44.7393	26.073	37.00	41.250	2038.478	49.784	-5.206	30.111	4.902	6.922	31.496	33.975	5.5316	1.39041	0.00020	44.7395	250.000
2.7231	9803	44.7395	26.073	37.00	41.250	2038.680	49.789	-5.206	30.112	4.903	6.922	31.496	33.975	5.5316	1.39029	0.00020	44.7397	250.000
2.7233	9804	44.7397	26.073	37.00	41.250	2038.882	49.794	-5.206	30.112	4.903	6.922	31.496	33.975	5.5316	1.39016	0.00020	44.7399	250.000
2.7236	9805	44.7399	26.073	37.00	41.250	2039.084	49.799	-5.206	30.113	4.903	6.922	31.496	33.975	5.5316	1.39004	0.00020	44.7401	250.000
2.7239	9806	44.7401	26.073	37.00	41.250	2039.286	49.803	-5.206	30.114	4.903	6.921	31.496	33.975	5.5316	1.38991	0.00020	44.7403	250.000
2.7242	9807	44.7403	26.074	37.00	41.250	2039.488	49.808	-5.206	30.115	4.903	6.921	31.496	33.975	5.5316	1.38979	0.00020	44.7405	250.000
2.7244	9808	44.7405	26.074	37.00	41.250	2039.690	49.813	-5.206	30.116	4.903	6.921	31.496	33.975	5.5316	1.38966	0.00020	44.7407	250.000
2.7247	9809	44.7407	26.074	37.00	41.250	2039.892	49.818	-5.206	30.116	4.903	6.921	31.496	33.975	5.5316	1.38953	0.00020	44.7408	250.000
2.7250	9810	44.7408	26.074	37.00	41.250	2040.094	49.823	-5.206	30.117	4.903	6.921	31.496	33.975	5.5316	1.38941	0.00020	44.7410	250.000
2.7253	9811	44.7410	26.074	37.00	41.250	2040.296	49.828	-5.206	30.118	4.904	6.921	31.496	33.975	5.5316	1.38928	0.00020	44.7412	250.000
2.7256	9812	44.7412	26.075	37.00	41.250	2040.498	49.833	-5.206	30.119	4.904	6.921	31.496	33.975	5.5316	1.38916	0.00020	44.7414	250.000
2.7258	9813	44.7414	26.075	37.00	41.250	2040.700	49.838	-5.206	30.119	4.904	6.921	31.496	33.975	5.5316	1.38903	0.00020	44.7416	250.000
2.7261	9814	44.7416	26.075	37.00	41.250	2040.902	49.843	-5.206	30.120	4.904	6.920	31.496	33.975	5.5316	1.38891	0.00020	44.7418	250.000
2.7264	9815	44.7418	26.075	37.00	41.250	2041.104	49.848	-5.206	30.121	4.904	6.920	31.496	33.975	5.5316	1.38878	0.00020	44.7420	250.000
2.7267	9816	44.7420	26.075	37.00	41.250	2041.306	49.853	-5.206	30.122	4.904	6.920	31.496	33.975	5.5316	1.38865	0.00020	44.7422	250.000
2.7269	9817	44.7422	26.076	37.00	41.250	2041.508	49.858	-5.206	30.123	4.904	6.920	31.496	33.975	5.5316	1.38853	0.00020	44.7424	250.000
2.7272	9818	44.7424	26.076	37.00	41.250	2041.710	49.863	-5.206	30.123	4.904	6.920	31.496	33.975	5.5316	1.38840	0.00020	44.7426	250.000
2.7275	9819	44.7426	26.076	37.00	41.250	2041.912	49.868	-5.206	30.124	4.905	6.920	31.496	33.975	5.5316	1.38828	0.00020	44.7428	250.000
2.7278	9820	44.7428	26.076	37.00	41.250	2042.114	49.873	-5.206	30.125	4.905	6.920	31.496	33.975	5.5316	1.38815	0.00020	44.7430	250.000
2.7281	9821	44.7430	26.076	37.00	41.250	2042.316	49.877	-5.206	30.126	4.905	6.920	31.496	33.975	5.5316	1.38803	0.00020	44.7432	250.000
2.7283	9822	44.7432	26.077	37.00	41.250	2042.518	49.882	-5.206	30.126	4.905	6.919	31.496	33.975	5.5316	1.38790	0.00020	44.7434	250.000
2.7286	9823	44.7434	26.077	37.00	41.250	2042.721	49.887	-5.206	30.127	4.905	6.919	31.496	33.975	5.5316	1.38777	0.00020	44.7436	250.000
2.7289	9824	44.7436	26.077	37.00	41.250	2042.923	49.892	-5.206	30.128	4.905	6.919	31.496	33.975	5.5316	1.38765	0.00020	44.7438	250.000
2.7292	9825	44.7438	26.077	37.00	41.250	2043.125	49.897	-5.206	30.129	4.905	6.919	31.496	33.975	5.5316	1.38752	0.00020	44.7440	250.000
2.7294	9826	44.7440	26.077	37.00	41.250	2043.327	49.902	-5.206	30.129	4.905	6.919	31.496	33.975	5.5316	1.38740	0.00020	44.7442	250.000
2.7297	9827	44.7442	26.078	37.00	41.250	2043.529	49.907	-5.206	30.130	4.906	6.919	31.496	33.975	5.5316	1.38727	0.00020	44.7444	250.000
2.7300	9828	44.7444	26.078	37.00	41.250	2043.731	49.912	-5.206	30.131	4.906	6.919	31.496	33.975	5.5316	1.38715	0.00020	44.7446	250.000
2.7303	9829	44.7446	26.078	37.00	41.250	2043.933	49.917	-5.206	30.132	4.906	6.919	31.496	33.975	5.5316	1.38702	0.00020	44.7448	250.000
2.7306	9830	44.7448	26.078	37.00	41.250	2044.135	49.922	-5.206	30.133	4.906	6.918	31.496	33.975	5.5316	1.38690	0.00020	44.7450	250.000
2.7308	9831	44.7450	26.078	37.00	41.250	2044.337	49.927	-5.206	30.133	4.906	6.918	31.496	33.975	5.5316	1.38677	0.00020	44.7452	250.000
2.7311	9832	44.7452	26.079	37.00	41.250	2044.539	49.932	-5.206	30.134	4.906	6.918	31.496	33.975	5.5316	1.38664	0.00020	44.7454	250.000
2.7314	9833	44.7454	26.079	37.00	41.250	2044.741	49.937	-5.206	30.135	4.906	6.918	31.496	33.975	5.5316	1.38652	0.00020	44.7456	250.000
2.7317	9834	44.7456	26.079	37.00	41.250	2044.943	49.942	-5.206	30.136	4.906	6.918	31.496	33.975	5.5316	1.38639	0.00020	44.7458	250.000
2.7319	9835	44.7458	26.079	37.00	41.250	2045.145	49.947	-5.206	30.136	4.907	6.918	31.496	33.975	5.5316	1.38627	0.00020	44.7460	250.000
2.7322	9836	44.7460	26.079	37.00	41.250	2045.347	49.951	-5.206	30.137	4.907	6.918	31.496	33.975	5.5316	1.38614	0.00020	44.7462	250.000
2.7325	9837	44.7462	26.080	37.00	41.250	2045.549	49.956	-5.206	30.138	4.907	6.918	31.496	33.975	5.5316	1.38602	0.00020	44.7464	250.000
2.7328	9838	44.7464	26.080	37.00	41.250	2045.751	49.961	-5.206	30.139	4.907	6.917	31.496	33.975	5.5316	1.38589	0.00020	44.7466	250.000
2.7331	9839	44.7466	26.080	37.00	41.250	2045.953	49.966	-5.206	30.139	4.907	6.917	31.496	33.975	5.5316	1.38577	0.00020	44.7468	250.000
2.7333	9840	44.7468	26.080	37.00	41.250	2046.155	49.971	-5.206	30.140	4.907	6.917	31.496	33.975	5.5316	1.38564	0.00020	44.7470	250.000
2.7336	9841	44.7470	26.080	37.00	41.250	2046.357	49.976	-5.206	30.141	4.907	6.917	31.496	33.975	5.5316	1.38552	0.00020	44.7472	250.000
2.7339	9842	44.7472	26.081	37.00	41.250	2046.559	49.981	-5.206	30.142	4.907	6.917	31.496	33.975	5.5316	1.38539	0.00020	44.7474	250.000
2.7342	9843	44.7474	26.081	37.00	41.250	2046.761	49.986	-5.206	30.143	4.908	6.917	31.496	33.975	5.5316	1.38527	0.00020	44.7476	250.000
2.7344	9844	44.7476	26.081	37.00	41.250	2046.963	49.991	-5.206	30.143	4.908	6.917	31.496	33.975	5.5316	1.38514	0.00020	44.7478	250.000
2.7347	9845	44.7478	26.081	37.00	41.250	2047.165	49.996	-5.206	30.144	4.908	6.917	31.496	33.975	5.5316	1.38501	0.00020	44.7480	250.000
2.7350	9846	44.7480	26.081	37.00	41.250	2047.367	50.001	-5.206	30.145	4.908	6.916	31.496	33.975	5.5316	1.38489	0.00020	44.7482	250.000
2.7353	9847	44.7482	26.082	37.00	41.250	2047.569	50.006	-5.206	30.146	4.908	6.916	31.496	33.975	5.5316	1.38476	0.00020	44.7484	250.000

2.7356	9848	44.7484	26.082	37.00	41.250	2047.771	50.011	-5.206	30.146	4.908	6.916	31.496	33.975	5.5316	1.38464	0.00020	44.7486	250.000
2.7358	9849	44.7486	26.082	37.00	41.250	2047.973	50.016	-5.206	30.147	4.908	6.916	31.496	33.975	5.5316	1.38451	0.00020	44.7488	250.000
2.7361	9850	44.7488	26.082	37.00	41.250	2048.175	50.021	-5.206	30.148	4.908	6.916	31.496	33.975	5.5316	1.38439	0.00020	44.7490	250.000
2.7364	9851	44.7490	26.082	37.00	41.250	2048.377	50.025	-5.206	30.149	4.909	6.916	31.496	33.975	5.5316	1.38426	0.00020	44.7492	250.000
2.7367	9852	44.7492	26.083	37.00	41.250	2048.579	50.030	-5.206	30.149	4.909	6.916	31.496	33.975	5.5316	1.38414	0.00020	44.7494	250.000
2.7369	9853	44.7494	26.083	37.00	41.250	2048.781	50.035	-5.206	30.150	4.909	6.916	31.496	33.975	5.5316	1.38401	0.00020	44.7496	250.000
2.7372	9854	44.7496	26.083	37.00	41.250	2048.983	50.040	-5.206	30.151	4.909	6.915	31.496	33.975	5.5316	1.38389	0.00020	44.7498	250.000
2.7375	9855	44.7498	26.083	37.00	41.250	2049.185	50.045	-5.206	30.152	4.909	6.915	31.496	33.975	5.5316	1.38376	0.00020	44.7500	250.000
2.7378	9856	44.7500	26.083	37.00	41.250	2049.388	50.050	-5.206	30.153	4.909	6.915	31.496	33.975	5.5316	1.38364	0.00020	44.7502	250.000
2.7381	9857	44.7502	26.084	37.00	41.250	2049.590	50.055	-5.206	30.153	4.909	6.915	31.496	33.975	5.5316	1.38351	0.00020	44.7504	250.000
2.7383	9858	44.7504	26.084	37.00	41.250	2049.792	50.060	-5.206	30.154	4.909	6.915	31.496	33.975	5.5316	1.38339	0.00020	44.7506	250.000
2.7386	9859	44.7506	26.084	37.00	41.250	2049.994	50.065	-5.206	30.155	4.910	6.915	31.496	33.975	5.5316	1.38326	0.00020	44.7508	250.000
2.7389	9860	44.7508	26.084	37.00	41.250	2050.196	50.070	-5.206	30.156	4.910	6.915	31.496	33.975	5.5316	1.38314	0.00020	44.7509	250.000
2.7392	9861	44.7509	26.084	37.00	41.250	2050.398	50.075	-5.206	30.156	4.910	6.915	31.496	33.975	5.5316	1.38301	0.00020	44.7511	250.000
2.7394	9862	44.7511	26.085	37.00	41.250	2050.600	50.080	-5.206	30.157	4.910	6.914	31.496	33.975	5.5316	1.38289	0.00020	44.7513	250.000
2.7397	9863	44.7513	26.085	37.00	41.250	2050.802	50.085	-5.206	30.158	4.910	6.914	31.496	33.975	5.5316	1.38276	0.00020	44.7515	250.000
2.7400	9864	44.7515	26.085	37.00	41.250	2051.004	50.090	-5.206	30.159	4.910	6.914	31.496	33.975	5.5316	1.38263	0.00020	44.7517	250.000
2.7403	9865	44.7517	26.085	37.00	41.250	2051.206	50.095	-5.206	30.159	4.910	6.914	31.496	33.975	5.5316	1.38251	0.00020	44.7519	250.000
2.7406	9866	44.7519	26.085	37.00	41.250	2051.408	50.099	-5.206	30.160	4.910	6.914	31.496	33.975	5.5316	1.38238	0.00020	44.7521	250.000
2.7408	9867	44.7521	26.086	37.00	41.250	2051.610	50.104	-5.206	30.161	4.911	6.914	31.496	33.975	5.5316	1.38226	0.00020	44.7523	250.000
2.7411	9868	44.7523	26.086	37.00	41.250	2051.812	50.109	-5.206	30.162	4.911	6.914	31.496	33.975	5.5316	1.38213	0.00020	44.7525	250.000
2.7414	9869	44.7525	26.086	37.00	41.250	2052.014	50.114	-5.206	30.163	4.911	6.914	31.496	33.975	5.5316	1.38201	0.00020	44.7527	250.000
2.7417	9870	44.7527	26.086	37.00	41.250	2052.216	50.119	-5.206	30.163	4.911	6.913	31.496	33.975	5.5316	1.38188	0.00020	44.7529	250.000
2.7419	9871	44.7529	26.086	37.00	41.250	2052.418	50.124	-5.206	30.164	4.911	6.913	31.496	33.975	5.5316	1.38176	0.00020	44.7531	250.000
2.7422	9872	44.7531	26.087	37.00	41.250	2052.620	50.129	-5.206	30.165	4.911	6.913	31.496	33.975	5.5316	1.38163	0.00020	44.7533	250.000
2.7425	9873	44.7533	26.087	37.00	41.250	2052.822	50.134	-5.206	30.166	4.911	6.913	31.496	33.975	5.5316	1.38151	0.00020	44.7535	250.000
2.7428	9874	44.7535	26.087	37.00	41.250	2053.024	50.139	-5.206	30.166	4.911	6.913	31.496	33.975	5.5316	1.38138	0.00020	44.7537	250.000
2.7431	9875	44.7537	26.087	37.00	41.250	2053.226	50.144	-5.206	30.167	4.912	6.913	31.496	33.975	5.5316	1.38126	0.00020	44.7539	250.000
2.7433	9876	44.7539	26.087	37.00	41.250	2053.428	50.149	-5.206	30.168	4.912	6.913	31.496	33.975	5.5316	1.38113	0.00020	44.7541	250.000
2.7436	9877	44.7541	26.087	37.00	41.250	2053.630	50.154	-5.206	30.169	4.912	6.913	31.496	33.975	5.5316	1.38101	0.00020	44.7543	250.000
2.7439	9878	44.7543	26.088	37.00	41.250	2053.832	50.159	-5.206	30.169	4.912	6.912	31.496	33.975	5.5316	1.38088	0.00020	44.7545	250.000
2.7442	9879	44.7545	26.088	37.00	41.250	2054.034	50.164	-5.206	30.170	4.912	6.912	31.496	33.975	5.5316	1.38076	0.00020	44.7547	250.000
2.7444	9880	44.7547	26.088	37.00	41.250	2054.236	50.169	-5.206	30.171	4.912	6.912	31.496	33.975	5.5316	1.38063	0.00020	44.7549	250.000
2.7447	9881	44.7549	26.088	37.00	41.250	2054.438	50.174	-5.206	30.172	4.912	6.912	31.496	33.975	5.5316	1.38051	0.00020	44.7551	250.000
2.7450	9882	44.7551	26.088	37.00	41.250	2054.640	50.178	-5.206	30.173	4.912	6.912	31.496	33.975	5.5316	1.38038	0.00020	44.7553	250.000
2.7453	9883	44.7553	26.089	37.00	41.250	2054.842	50.183	-5.206	30.173	4.913	6.912	31.496	33.975	5.5316	1.38026	0.00020	44.7555	250.000
2.7456	9884	44.7555	26.089	37.00	41.250	2055.044	50.188	-5.206	30.174	4.913	6.912	31.496	33.975	5.5316	1.38013	0.00020	44.7557	250.000
2.7458	9885	44.7557	26.089	37.00	41.250	2055.246	50.193	-5.206	30.175	4.913	6.912	31.496	33.975	5.5316	1.38001	0.00020	44.7559	250.000
2.7461	9886	44.7559	26.089	37.00	41.250	2055.448	50.198	-5.206	30.176	4.913	6.911	31.496	33.975	5.5316	1.37988	0.00020	44.7561	250.000
2.7464	9887	44.7561	26.089	37.00	41.250	2055.650	50.203	-5.206	30.176	4.913	6.911	31.496	33.975	5.5316	1.37976	0.00020	44.7563	250.000
2.7467	9888	44.7563	26.090	37.00	41.250	2055.852	50.208	-5.206	30.177	4.913	6.911	31.496	33.975	5.5316	1.37964	0.00020	44.7565	250.000
2.7469	9889	44.7565	26.090	37.00	41.250	2056.055	50.213	-5.206	30.178	4.913	6.911	31.496	33.975	5.5316	1.37951	0.00020	44.7567	250.000
2.7472	9890	44.7567	26.090	37.00	41.250	2056.257	50.218	-5.206	30.179	4.913	6.911	31.496	33.975	5.5316	1.37939	0.00020	44.7569	250.000
2.7475	9891	44.7569	26.090	37.00	41.250	2056.459	50.223	-5.206	30.179	4.914	6.911	31.496	33.975	5.5316	1.37926	0.00020	44.7571	250.000
2.7478	9892	44.7571	26.090	37.00	41.250	2056.661	50.228	-5.206	30.180	4.914	6.911	31.496	33.975	5.5316	1.37914	0.00020	44.7573	250.000
2.7481	9893	44.7573	26.091	37.00	41.250	2056.863	50.233	-5.206	30.181	4.914	6.911	31.496	33.975	5.5316	1.37901	0.00020	44.7575	250.000
2.7483	9894	44.7575	26.091	37.00	41.250	2057.065	50.238	-5.206	30.182	4.914	6.910	31.496	33.975	5.5316	1.37889	0.00020	44.7577	250.000
2.7486	9895	44.7577	26.091	37.00	41.250	2057.267	50.243	-5.206	30.182	4.914	6.910	31.496	33.975	5.5316	1.37876	0.00020	44.7579	250.000
2.7489	9896	44.7579	26.091	37.00	41.250	2057.469	50.248	-5.206	30.183	4.914	6.910	31.496	33.975	5.5316	1.37864	0.00020	44.7580	250.000
2.7492	9897	44.7580	26.091	37.00	41.250	2057.671	50.252	-5.206	30.184	4.914	6.910	31.496	33.975	5.5316	1.37851	0.00020	44.7582	250.000
2.7494	9898	44.7582	26.092	37.00	41.250	2057.873	50.257	-5.206	30.185	4.914	6.910	31.496	33.975	5.5316	1.37839	0.00020	44.7584	250.000
2.7497	9899	44.7584	26.092	37.00	41.250	2058.075	50.262	-5.206	30.186	4.915	6.910	31.496	33.975	5.5316	1.37826	0.00020	44.7586	250.000
2.7500	9900	44.7586	26.092	37.00	41.250	2058.277	50.267	-5.206	30.186	4.915	6.910	31.496	33.975	5.5316	1.37814	0.00020	44.7588	250.000
2.7503	9901	44.7588	26.092	37.00	41.250	2058.479	50.272	-5.206	30.187	4.915	6.910	31.496	33.975	5.5316	1.37801	0.00020	44.7590	250.000
2.7506	9902	44.7590	26.092	37.00	41.250	2058.681	50.277	-5.206	30.188	4.915	6.909	31.496	33.975	5.5316	1.37789	0.00020	44.7592	250.000
2.7508	9903	44.7592	26.093	37.00	41.250	2058.883	50.282	-5.206	30.189	4.915	6.909	31.496	33.975	5.5316	1.37776	0.00020	44.7594	250.000
2.7511	9904	44.7594	26.093	37.00	41.250	2059.085	50.287	-5.206	30.189	4.915	6.909	31.496	33.975	5.5316	1.37764	0.00020	44.7596	250.000
2.7514	9905	44.7596	26.093	37.00	41.250	2059.287	50.292	-5.206	30.190	4.915	6.909	31.496	33.975	5.5316	1.37751	0.00020	44.7598	250.000
2.7517	9906	44.7598	26.093	37.00	41.250	2059.489	50.297	-5.206	30.191	4.915	6.909	31.496	33.975	5.5316	1.37739	0.00020	44.7600	250.000
2.7519	9907	44.7600	26.093	37.00	41.250	2059.691	50.302	-5.206	30.192	4.916	6.909	31.496	33.975	5.5316	1.37726	0.00020	44.7602	250.000
2.7522	9908	44.7602	26.094	37.00	41.250	2059.893	50.307	-5.206	30.192	4.916	6.909	31.496	33.975	5.5316	1.37714	0.00020	44.7604	250.000
2.7525	9909	44.7604	26.094	37.00	41.250	2060.095	50.312	-5.206	30.193	4.916	6.909	31.496	33.975	5.5316	1.37702	0.00020	44.7606	250.000
2.7528	9910	44.7606	26.094	37.00	41.250	2060.297	50.317	-5.206	30.194	4.916	6.908	31.496	33.975	5.5316	1.37689	0.00020	44.7608	250.000
2.7531	9911	44.7608	26.094	37.00	41.250	2060.499	50.322	-5.206	30.195	4.916	6.908	31.496	33.975	5.5316	1.37677	0.00020	44.7610	250.000
2.7533	9912	44.7610	26.094	37.00	41.250	2060.701	50.326	-5.206	30.196	4.916	6.908	31.496	33.975	5.5316	1.37664	0.00020	44.7612	250.000
2.7536	9913	44.7612	26.095	37.00	41.250	2060.903	50.331	-5.206	30.196	4.916	6.908	31.496	33.975	5.5316	1.37652	0.00020	44.7614	250.000
2.7539	9914	44.7614	26.095	37.00	41.250	2061.105	50.336	-5.206	30.197	4.916	6.908	31.496	33.975	5.5316	1.37639	0.00020	44.7616	250.000
2.7542	9915	44.7616	26.095	37.00	41.250	2061.307	50.341	-5.206	30.198	4.917	6.908	31.496	33.975	5.5316	1.37627	0.00020	44.7618	250.000
2.7544	9916	44.7618	26.095	37.00	41.250	2061.509	50.346	-5.206	30.199	4.917	6.908	31.496	33.975	5.5316	1.37614	0.00020	44.7620	250.000
2.7547	9917	44.7620	26.095	37.00	41.250	2061.711	50.351	-5.206	30.199	4.917	6.908	31.496	33.975	5.5316	1.37602	0.00020	44.7622	250.000
2.7550	9918	44.7622	26.096	37.00	41.250	2061.913	50.356	-5.206	30.200	4.917	6.907	31.496	33.975	5.5316	1.37589	0.00020	44.7624	250.000
2.7553	9919	44.7624	26.096	37.00	41.250	2062.115	50.361	-5.206	30.201	4.917	6.907	31.496	33.975	5.5316	1.37577	0.00020	44.7626	250.000
2.7556	9920	44.7626	26.096	37.00	41.250	2062.317	50.366	-5.206	30.202	4.917	6.907	31.496	33.975	5.5316	1.37565	0.00020	44.7628	250.000
2.7558	9921	44.7628	26.096	37.00	41.250	2062.519	50.371	-5.206	30.202	4.917	6.907	31.496	33.975	5.5316	1.37552	0.00020	44.7630	250.000
2.7561	9922	44.7630	26.096	37.00	41.250	2062.721	50.376	-5.206	30.203	4.917	6.907	31.496	33.975	5.5316	1.37540	0.00020	44.7632	250.000
2.7564	9923	44.7632	26.097	37.00	41.250	2062.924	50.381	-5.206	30.204	4.918	6.907	31.496	33.975	5.5316	1.37527	0.00020	44.7634	250.000
2.7567	9924	44.7634	26.097	37.00	41.250	2063.126	50.386	-5.206	30.205	4.918	6.907	31.496	33.975	5.5316	1.37515	0.00020	44.7636	250.000
2.7569	9925	44.7636	26.097	37.00	41.250	2063.328	50.391	-5.206	30.205	4.918	6.907	31.496	33.975	5.5316	1.37502	0.00020	44.7638	250.000
2.7572	9926	44.7638	26.097	37.00	41.250	2063.530	50.396	-5.206	30.206	4.918	6.906	31.496	33.975	5.5316	1.37490	0.00020	44.7640	250.000
2.7575	9927	44.7640	26.097	37.00	41.250	2063.732	50.400	-5.206	30.207	4.918	6.906	31.496	33.975	5.5316	1.37477	0.00020	44.7641	250.000
2.7578	9928	44.7641	26.098	37.00	41.250	2063.934	50.405	-5.206	30.208	4.918	6.906	31.496	33.975	5.5316	1.37465	0.00020	44.7643	250.000

2.7581	9929	44.7643	26.098	37.00	41.250	2064.136	50.410	-5.206	30.209	4.918	6.906	31.496	33.975	5.5316	1.37453	0.00020	44.7645	250.000
2.7583	9930	44.7645	26.098	37.00	41.250	2064.338	50.415	-5.206	30.209	4.918	6.906	31.496	33.975	5.5316	1.37440	0.00020	44.7647	250.000
2.7586	9931	44.7647	26.098	37.00	41.250	2064.540	50.420	-5.206	30.210	4.919	6.906	31.496	33.975	5.5316	1.37428	0.00020	44.7649	250.000
2.7589	9932	44.7649	26.098	37.00	41.250	2064.742	50.425	-5.206	30.211	4.919	6.906	31.496	33.975	5.5316	1.37415	0.00020	44.7651	250.000
2.7592	9933	44.7651	26.099	37.00	41.250	2064.944	50.430	-5.206	30.212	4.919	6.906	31.496	33.975	5.5316	1.37403	0.00020	44.7653	250.000
2.7594	9934	44.7653	26.099	37.00	41.250	2065.146	50.435	-5.206	30.212	4.919	6.905	31.496	33.975	5.5316	1.37390	0.00020	44.7655	250.000
2.7597	9935	44.7655	26.099	37.00	41.250	2065.348	50.440	-5.206	30.213	4.919	6.905	31.496	33.975	5.5316	1.37378	0.00020	44.7657	250.000
2.7600	9936	44.7657	26.099	37.00	41.250	2065.550	50.445	-5.206	30.214	4.919	6.905	31.496	33.975	5.5316	1.37366	0.00020	44.7659	250.000
2.7603	9937	44.7659	26.099	37.00	41.250	2065.752	50.450	-5.206	30.215	4.919	6.905	31.496	33.975	5.5316	1.37353	0.00020	44.7661	250.000
2.7606	9938	44.7661	26.099	37.00	41.250	2065.954	50.455	-5.206	30.215	4.919	6.905	31.496	33.975	5.5316	1.37341	0.00020	44.7663	250.000
2.7608	9939	44.7663	26.100	37.00	41.250	2066.156	50.460	-5.206	30.216	4.920	6.905	31.496	33.975	5.5316	1.37328	0.00020	44.7665	250.000
2.7611	9940	44.7665	26.100	37.00	41.250	2066.358	50.465	-5.206	30.217	4.920	6.905	31.496	33.975	5.5316	1.37316	0.00020	44.7667	250.000
2.7614	9941	44.7667	26.100	37.00	41.250	2066.560	50.470	-5.206	30.218	4.920	6.905	31.496	33.975	5.5316	1.37303	0.00020	44.7669	250.000
2.7617	9942	44.7669	26.100	37.00	41.250	2066.762	50.474	-5.206	30.218	4.920	6.904	31.496	33.975	5.5316	1.37291	0.00020	44.7671	250.000
2.7619	9943	44.7671	26.100	37.00	41.250	2066.964	50.479	-5.206	30.219	4.920	6.904	31.496	33.975	5.5316	1.37279	0.00020	44.7673	250.000
2.7622	9944	44.7673	26.101	37.00	41.250	2067.166	50.484	-5.206	30.220	4.920	6.904	31.496	33.975	5.5316	1.37266	0.00020	44.7675	250.000
2.7625	9945	44.7675	26.101	37.00	41.250	2067.368	50.489	-5.206	30.221	4.920	6.904	31.496	33.975	5.5316	1.37254	0.00020	44.7677	250.000
2.7628	9946	44.7677	26.101	37.00	41.250	2067.570	50.494	-5.206	30.221	4.920	6.904	31.496	33.975	5.5316	1.37241	0.00020	44.7679	250.000
2.7631	9947	44.7679	26.101	37.00	41.250	2067.772	50.499	-5.206	30.222	4.921	6.904	31.496	33.975	5.5316	1.37229	0.00020	44.7681	250.000
2.7633	9948	44.7681	26.101	37.00	41.250	2067.974	50.504	-5.206	30.223	4.921	6.904	31.496	33.975	5.5316	1.37216	0.00020	44.7683	250.000
2.7636	9949	44.7683	26.102	37.00	41.250	2068.176	50.509	-5.206	30.224	4.921	6.904	31.496	33.975	5.5316	1.37204	0.00020	44.7685	250.000
2.7639	9950	44.7685	26.102	37.00	41.250	2068.378	50.514	-5.206	30.225	4.921	6.903	31.496	33.975	5.5316	1.37192	0.00020	44.7687	250.000
2.7642	9951	44.7687	26.102	37.00	41.250	2068.580	50.519	-5.206	30.225	4.921	6.903	31.496	33.975	5.5316	1.37179	0.00020	44.7689	250.000
2.7644	9952	44.7689	26.102	37.00	41.250	2068.782	50.524	-5.206	30.226	4.921	6.903	31.496	33.975	5.5316	1.37167	0.00020	44.7691	250.000
2.7647	9953	44.7691	26.102	37.00	41.250	2068.984	50.529	-5.206	30.227	4.921	6.903	31.496	33.975	5.5316	1.37154	0.00020	44.7692	250.000
2.7650	9954	44.7692	26.103	37.00	41.250	2069.186	50.534	-5.206	30.228	4.921	6.903	31.496	33.975	5.5316	1.37142	0.00020	44.7694	250.000
2.7653	9955	44.7694	26.103	37.00	41.250	2069.388	50.539	-5.206	30.228	4.922	6.903	31.496	33.975	5.5316	1.37130	0.00020	44.7696	250.000
2.7656	9956	44.7696	26.103	37.00	41.250	2069.591	50.544	-5.206	30.229	4.922	6.903	31.496	33.975	5.5316	1.37117	0.00020	44.7698	250.000
2.7658	9957	44.7698	26.103	37.00	41.250	2069.793	50.548	-5.206	30.230	4.922	6.903	31.496	33.975	5.5316	1.37105	0.00020	44.7700	250.000
2.7661	9958	44.7700	26.103	37.00	41.250	2069.995	50.553	-5.206	30.231	4.922	6.902	31.496	33.975	5.5316	1.37092	0.00020	44.7702	250.000
2.7664	9959	44.7702	26.104	37.00	41.250	2070.197	50.558	-5.206	30.231	4.922	6.902	31.496	33.975	5.5316	1.37080	0.00020	44.7704	250.000
2.7667	9960	44.7704	26.104	37.00	41.250	2070.399	50.563	-5.206	30.232	4.922	6.902	31.496	33.975	5.5316	1.37067	0.00020	44.7706	250.000
2.7669	9961	44.7706	26.104	37.00	41.250	2070.601	50.568	-5.206	30.233	4.922	6.902	31.496	33.975	5.5316	1.37055	0.00020	44.7708	250.000
2.7672	9962	44.7708	26.104	37.00	41.250	2070.803	50.573	-5.206	30.234	4.922	6.902	31.496	33.975	5.5316	1.37043	0.00020	44.7710	250.000
2.7675	9963	44.7710	26.104	37.00	41.250	2071.005	50.578	-5.206	30.234	4.923	6.902	31.496	33.975	5.5316	1.37030	0.00020	44.7712	250.000
2.7678	9964	44.7712	26.105	37.00	41.250	2071.207	50.583	-5.206	30.235	4.923	6.902	31.496	33.975	5.5316	1.37018	0.00020	44.7714	250.000
2.7681	9965	44.7714	26.105	37.00	41.250	2071.409	50.588	-5.206	30.236	4.923	6.902	31.496	33.975	5.5316	1.37005	0.00020	44.7716	250.000
2.7683	9966	44.7716	26.105	37.00	41.250	2071.611	50.593	-5.206	30.237	4.923	6.901	31.496	33.975	5.5316	1.36993	0.00020	44.7718	250.000
2.7686	9967	44.7718	26.105	37.00	41.250	2071.813	50.598	-5.206	30.237	4.923	6.901	31.496	33.975	5.5316	1.36981	0.00020	44.7720	250.000
2.7689	9968	44.7720	26.105	37.00	41.250	2072.015	50.603	-5.206	30.238	4.923	6.901	31.496	33.975	5.5316	1.36968	0.00020	44.7722	250.000
2.7692	9969	44.7722	26.106	37.00	41.250	2072.217	50.608	-5.206	30.239	4.923	6.901	31.496	33.975	5.5316	1.36956	0.00020	44.7724	250.000
2.7694	9970	44.7724	26.106	37.00	41.250	2072.419	50.613	-5.206	30.240	4.923	6.901	31.496	33.975	5.5316	1.36944	0.00020	44.7726	250.000
2.7697	9971	44.7726	26.106	37.00	41.250	2072.621	50.618	-5.206	30.241	4.924	6.901	31.496	33.975	5.5316	1.36931	0.00020	44.7728	250.000
2.7700	9972	44.7728	26.106	37.00	41.250	2072.823	50.622	-5.206	30.241	4.924	6.901	31.496	33.975	5.5316	1.36919	0.00020	44.7730	250.000
2.7703	9973	44.7730	26.106	37.00	41.250	2073.025	50.627	-5.206	30.242	4.924	6.901	31.496	33.975	5.5316	1.36906	0.00020	44.7732	250.000
2.7706	9974	44.7732	26.107	37.00	41.250	2073.227	50.632	-5.206	30.243	4.924	6.900	31.496	33.975	5.5316	1.36894	0.00020	44.7734	250.000
2.7708	9975	44.7734	26.107	37.00	41.250	2073.429	50.637	-5.206	30.244	4.924	6.900	31.496	33.975	5.5316	1.36882	0.00020	44.7736	250.000
2.7711	9976	44.7736	26.107	37.00	41.250	2073.631	50.642	-5.206	30.244	4.924	6.900	31.496	33.975	5.5316	1.36869	0.00020	44.7737	250.000
2.7714	9977	44.7737	26.107	37.00	41.250	2073.833	50.647	-5.206	30.245	4.924	6.900	31.496	33.975	5.5316	1.36857	0.00020	44.7739	250.000
2.7717	9978	44.7739	26.107	37.00	41.250	2074.035	50.652	-5.206	30.246	4.924	6.900	31.496	33.975	5.5316	1.36844	0.00020	44.7741	250.000
2.7719	9979	44.7741	26.108	37.00	41.250	2074.237	50.657	-5.206	30.247	4.925	6.900	31.496	33.975	5.5316	1.36832	0.00020	44.7743	250.000
2.7722	9980	44.7743	26.108	37.00	41.250	2074.439	50.662	-5.206	30.247	4.925	6.900	31.496	33.975	5.5316	1.36820	0.00020	44.7745	250.000
2.7725	9981	44.7745	26.108	37.00	41.250	2074.641	50.667	-5.206	30.248	4.925	6.900	31.496	33.975	5.5316	1.36807	0.00020	44.7747	250.000
2.7728	9982	44.7747	26.108	37.00	41.250	2074.843	50.672	-5.206	30.249	4.925	6.900	31.496	33.975	5.5316	1.36795	0.00020	44.7749	250.000
2.7731	9983	44.7749	26.108	37.00	41.250	2075.045	50.677	-5.206	30.250	4.925	6.899	31.496	33.975	5.5316	1.36782	0.00020	44.7751	250.000
2.7733	9984	44.7751	26.109	37.00	41.250	2075.247	50.682	-5.206	30.250	4.925	6.899	31.496	33.975	5.5316	1.36770	0.00020	44.7753	250.000
2.7736	9985	44.7753	26.109	37.00	41.250	2075.449	50.687	-5.206	30.251	4.925	6.899	31.496	33.975	5.5316	1.36758	0.00020	44.7755	250.000
2.7739	9986	44.7755	26.109	37.00	41.250	2075.651	50.692	-5.206	30.252	4.925	6.899	31.496	33.975	5.5316	1.36745	0.00020	44.7757	250.000
2.7742	9987	44.7757	26.109	37.00	41.250	2075.853	50.697	-5.206	30.253	4.926	6.899	31.496	33.975	5.5316	1.36733	0.00020	44.7759	250.000
2.7744	9988	44.7759	26.109	37.00	41.250	2076.055	50.701	-5.206	30.253	4.926	6.899	31.496	33.975	5.5316	1.36721	0.00020	44.7761	250.000
2.7747	9989	44.7761	26.109	37.00	41.250	2076.257	50.706	-5.206	30.254	4.926	6.899	31.496	33.975	5.5316	1.36708	0.00020	44.7763	250.000
2.7750	9990	44.7763	26.110	37.00	41.250	2076.460	50.711	-5.206	30.255	4.926	6.899	31.496	33.975	5.5316	1.36696	0.00020	44.7765	250.000
2.7753	9991	44.7765	26.110	37.00	41.250	2076.662	50.716	-5.206	30.256	4.926	6.898	31.496	33.975	5.5316	1.36684	0.00020	44.7767	250.000
2.7756	9992	44.7767	26.110	37.00	41.250	2076.864	50.721	-5.206	30.257	4.926	6.898	31.496	33.975	5.5316	1.36671	0.00020	44.7769	250.000
2.7758	9993	44.7769	26.110	37.00	41.250	2077.066	50.726	-5.206	30.257	4.926	6.898	31.496	33.975	5.5316	1.36659	0.00020	44.7771	250.000
2.7761	9994	44.7771	26.110	37.00	41.250	2077.268	50.731	-5.206	30.258	4.926	6.898	31.496	33.975	5.5316	1.36646	0.00020	44.7773	250.000
2.7764	9995	44.7773	26.111	37.00	41.250	2077.470	50.736	-5.206	30.259	4.927	6.898	31.496	33.975	5.5316	1.36634	0.00020	44.7775	250.000
2.7767	9996	44.7775	26.111	37.00	41.250	2077.672	50.741	-5.206	30.260	4.927	6.898	31.496	33.975	5.5316	1.36622	0.00020	44.7777	250.000
2.7769	9997	44.7777	26.111	37.00	41.250	2077.874	50.746	-5.206	30.260	4.927	6.898	31.496	33.975	5.5316	1.36609	0.00020	44.7779	250.000
2.7772	9998	44.7779	26.111	37.00	41.250	2078.076	50.751	-5.206	30.261	4.927	6.898	31.496	33.975	5.5316	1.36597	0.00020	44.7780	250.000
2.7775	9999	44.7780	26.111	37.00	41.250	2078.278	50.756	-5.206	30.262	4.927	6.897	31.496	33.975	5.5316	1.36585	0.00020	44.7782	250.000
2.7778	10000	44.7782	26.112	37.00	41.250	2078.480	50.761	-5.206	30.263	4.927	6.897	31.496	33.975	5.5316	1.36572	0.00020	44.7784	250.000
2.7781	10001	44.7784	26.112	37.00	41.250	2078.682	50.766	-5.206	30.263	4.927	6.897	31.496	33.975	5.5316	1.36560	0.00020	44.7786	250.000
2.7783	10002	44.7786	26.112	37.00	41.250	2078.884	50.771	-5.206	30.264	4.927	6.897	31.496	33.975	5.5316	1.36548	0.00020	44.7788	250.000
2.7786	10003	44.7788	26.112	37.00	41.250	2079.086	50.775	-5.206	30.265	4.928	6.897	31.496	33.975	5.5316	1.36535	0.00020	44.7790	250.000
2.7789	10004	44.7790	26.112	37.00	41.250	2079.288	50.780	-5.206	30.266	4.928	6.897	31.496	33.975	5.5316	1.36523	0.00020	44.7792	250.000
2.7792	10005	44.7792	26.113	37.00	41.250	2079.490	50.785	-5.206	30.266	4.928	6.897	31.496	33.975	5.5316	1.36510	0.00020	44.7794	250.000
2.7794	10006	44.7794	26.113	37.00	41.250	2079.692	50.790	-5.206	30.267	4.928	6.897	31.496	33.975	5.5316	1.36498	0.00019	44.7796	250.000
2.7797	10007	44.7796	26.113	37.00	41.250	2079.894	50.795	-5.206	30.268	4.928	6.896	31.496	33.975	5.5316	1.36486	0.00019	44.7798	250.000
2.7800	10008	44.7798	26.113	37.00	41.250	2080.096	50.800	-5.206	30.269	4.928	6.896	31.496	33.975	5.5316	1.36473	0.00019	44.7800	250.000
2.7803	10009	44.7800	26.113	37.00	41.250	2080.298	50.805	-5.206	30.269	4.928	6.896	31.496	33.975	5.5316	1.36461	0.00019	44.7802	250.000

2.7806	10010	44.7802	26.114	37.00	41.250	2080.500	50.810	-5.206	30.270	4.928	6.896	31.496	33.975	5.5316	1.36449	0.00019	44.7804	250.000
2.7808	10011	44.7804	26.114	37.00	41.250	2080.702	50.815	-5.206	30.271	4.929	6.896	31.496	33.975	5.5316	1.36436	0.00019	44.7806	250.000
2.7811	10012	44.7806	26.114	37.00	41.250	2080.904	50.820	-5.206	30.272	4.929	6.896	31.496	33.975	5.5316	1.36424	0.00019	44.7808	250.000
2.7814	10013	44.7808	26.114	37.00	41.250	2081.106	50.825	-5.206	30.272	4.929	6.896	31.496	33.975	5.5316	1.36412	0.00019	44.7810	250.000
2.7817	10014	44.7810	26.114	37.00	41.250	2081.308	50.830	-5.206	30.273	4.929	6.896	31.496	33.975	5.5316	1.36399	0.00019	44.7812	250.000
2.7819	10015	44.7812	26.115	37.00	41.250	2081.510	50.835	-5.206	30.274	4.929	6.895	31.496	33.975	5.5316	1.36387	0.00019	44.7814	250.000
2.7822	10016	44.7814	26.115	37.00	41.250	2081.712	50.840	-5.206	30.275	4.929	6.895	31.496	33.975	5.5316	1.36375	0.00019	44.7816	250.000
2.7825	10017	44.7816	26.115	37.00	41.250	2081.914	50.845	-5.206	30.275	4.929	6.895	31.496	33.975	5.5316	1.36362	0.00019	44.7817	250.000
2.7828	10018	44.7817	26.115	37.00	41.250	2082.116	50.849	-5.206	30.276	4.929	6.895	31.496	33.975	5.5316	1.36350	0.00019	44.7819	250.000
2.7831	10019	44.7819	26.115	37.00	41.250	2082.318	50.854	-5.206	30.277	4.929	6.895	31.496	33.975	5.5316	1.36338	0.00019	44.7821	250.000
2.7833	10020	44.7821	26.116	37.00	41.250	2082.520	50.859	-5.206	30.278	4.930	6.895	31.496	33.975	5.5316	1.36325	0.00019	44.7823	250.000
2.7836	10021	44.7823	26.116	37.00	41.250	2082.722	50.864	-5.206	30.279	4.930	6.895	31.496	33.975	5.5316	1.36313	0.00019	44.7825	250.000
2.7839	10022	44.7825	26.116	37.00	41.250	2082.924	50.869	-5.206	30.279	4.930	6.895	31.496	33.975	5.5316	1.36301	0.00019	44.7827	250.000
2.7842	10023	44.7827	26.116	37.00	41.250	2083.127	50.874	-5.206	30.280	4.930	6.894	31.496	33.975	5.5316	1.36288	0.00019	44.7829	250.000
2.7844	10024	44.7829	26.116	37.00	41.250	2083.329	50.879	-5.206	30.281	4.930	6.894	31.496	33.975	5.5316	1.36276	0.00019	44.7831	250.000
2.7847	10025	44.7831	26.117	37.00	41.250	2083.531	50.884	-5.206	30.282	4.930	6.894	31.496	33.975	5.5316	1.36264	0.00019	44.7833	250.000
2.7850	10026	44.7833	26.117	37.00	41.250	2083.733	50.889	-5.206	30.282	4.930	6.894	31.496	33.975	5.5316	1.36251	0.00019	44.7835	250.000
2.7853	10027	44.7835	26.117	37.00	41.250	2083.935	50.894	-5.206	30.283	4.930	6.894	31.496	33.975	5.5316	1.36239	0.00019	44.7837	250.000
2.7856	10028	44.7837	26.117	37.00	41.250	2084.137	50.899	-5.206	30.284	4.931	6.894	31.496	33.975	5.5316	1.36227	0.00019	44.7839	250.000
2.7858	10029	44.7839	26.117	37.00	41.250	2084.339	50.904	-5.206	30.285	4.931	6.894	31.496	33.975	5.5316	1.36214	0.00019	44.7841	250.000
2.7861	10030	44.7841	26.117	37.00	41.250	2084.541	50.909	-5.206	30.285	4.931	6.894	31.496	33.975	5.5316	1.36202	0.00019	44.7843	250.000
2.7864	10031	44.7843	26.118	37.00	41.250	2084.743	50.914	-5.206	30.286	4.931	6.893	31.496	33.975	5.5316	1.36190	0.00019	44.7845	250.000
2.7867	10032	44.7845	26.118	37.00	41.250	2084.945	50.919	-5.206	30.287	4.931	6.893	31.496	33.975	5.5316	1.36177	0.00019	44.7847	250.000
2.7869	10033	44.7847	26.118	37.00	41.250	2085.147	50.923	-5.206	30.288	4.931	6.893	31.496	33.975	5.5316	1.36165	0.00019	44.7849	250.000
2.7872	10034	44.7849	26.118	37.00	41.250	2085.349	50.928	-5.206	30.288	4.931	6.893	31.496	33.975	5.5316	1.36153	0.00019	44.7851	250.000
2.7875	10035	44.7851	26.118	37.00	41.250	2085.551	50.933	-5.206	30.289	4.931	6.893	31.496	33.975	5.5316	1.36140	0.00019	44.7853	250.000
2.7878	10036	44.7853	26.119	37.00	41.250	2085.753	50.938	-5.206	30.290	4.932	6.893	31.496	33.975	5.5316	1.36128	0.00019	44.7854	250.000
2.7881	10037	44.7854	26.119	37.00	41.250	2085.955	50.943	-5.206	30.291	4.932	6.893	31.496	33.975	5.5316	1.36116	0.00019	44.7856	250.000
2.7883	10038	44.7856	26.119	37.00	41.250	2086.157	50.948	-5.206	30.291	4.932	6.893	31.496	33.975	5.5316	1.36103	0.00019	44.7858	250.000
2.7886	10039	44.7858	26.119	37.00	41.250	2086.359	50.953	-5.206	30.292	4.932	6.892	31.496	33.975	5.5316	1.36091	0.00019	44.7860	250.000
2.7889	10040	44.7860	26.119	37.00	41.250	2086.561	50.958	-5.206	30.293	4.932	6.892	31.496	33.975	5.5316	1.36079	0.00019	44.7862	250.000
2.7892	10041	44.7862	26.120	37.00	41.250	2086.763	50.963	-5.206	30.294	4.932	6.892	31.496	33.975	5.5316	1.36066	0.00019	44.7864	250.000
2.7894	10042	44.7864	26.120	37.00	41.250	2086.965	50.968	-5.206	30.294	4.932	6.892	31.496	33.975	5.5316	1.36054	0.00019	44.7866	250.000
2.7897	10043	44.7866	26.120	37.00	41.250	2087.167	50.973	-5.206	30.295	4.932	6.892	31.496	33.975	5.5316	1.36042	0.00019	44.7868	250.000
2.7900	10044	44.7868	26.120	37.00	41.250	2087.369	50.978	-5.206	30.296	4.933	6.892	31.496	33.975	5.5316	1.36029	0.00019	44.7870	250.000
2.7903	10045	44.7870	26.120	37.00	41.250	2087.571	50.983	-5.206	30.297	4.933	6.892	31.496	33.975	5.5316	1.36017	0.00019	44.7872	250.000
2.7906	10046	44.7872	26.121	37.00	41.250	2087.773	50.988	-5.206	30.297	4.933	6.892	31.496	33.975	5.5316	1.36005	0.00019	44.7874	250.000
2.7908	10047	44.7874	26.121	37.00	41.250	2087.975	50.993	-5.206	30.298	4.933	6.891	31.496	33.975	5.5316	1.35993	0.00019	44.7876	250.000
2.7911	10048	44.7876	26.121	37.00	41.250	2088.177	50.997	-5.206	30.299	4.933	6.891	31.496	33.975	5.5316	1.35980	0.00019	44.7878	250.000
2.7914	10049	44.7878	26.121	37.00	41.250	2088.379	51.002	-5.206	30.300	4.933	6.891	31.496	33.975	5.5316	1.35968	0.00019	44.7880	250.000
2.7917	10050	44.7880	26.121	37.00	41.250	2088.581	51.007	-5.206	30.300	4.933	6.891	31.496	33.975	5.5316	1.35956	0.00019	44.7882	250.000
2.7919	10051	44.7882	26.122	37.00	41.250	2088.783	51.012	-5.206	30.301	4.933	6.891	31.496	33.975	5.5316	1.35943	0.00019	44.7884	250.000
2.7922	10052	44.7884	26.122	37.00	41.250	2088.985	51.017	-5.206	30.302	4.934	6.891	31.496	33.975	5.5316	1.35931	0.00019	44.7886	250.000
2.7925	10053	44.7886	26.122	37.00	41.250	2089.187	51.022	-5.206	30.303	4.934	6.891	31.496	33.975	5.5316	1.35919	0.00019	44.7888	250.000
2.7928	10054	44.7888	26.122	37.00	41.250	2089.389	51.027	-5.206	30.303	4.934	6.891	31.496	33.975	5.5316	1.35906	0.00019	44.7889	250.000
2.7931	10055	44.7889	26.122	37.00	41.250	2089.591	51.032	-5.206	30.304	4.934	6.890	31.496	33.975	5.5316	1.35894	0.00019	44.7891	250.000
2.7933	10056	44.7891	26.123	37.00	41.250	2089.794	51.037	-5.206	30.305	4.934	6.890	31.496	33.975	5.5316	1.35882	0.00019	44.7893	250.000
2.7936	10057	44.7893	26.123	37.00	41.250	2089.996	51.042	-5.206	30.306	4.934	6.890	31.496	33.975	5.5316	1.35870	0.00019	44.7895	250.000
2.7939	10058	44.7895	26.123	37.00	41.250	2090.198	51.047	-5.206	30.306	4.934	6.890	31.496	33.975	5.5316	1.35857	0.00019	44.7897	250.000
2.7942	10059	44.7897	26.123	37.00	41.250	2090.400	51.052	-5.206	30.307	4.934	6.890	31.496	33.975	5.5316	1.35845	0.00019	44.7899	250.000
2.7944	10060	44.7899	26.123	37.00	41.250	2090.602	51.057	-5.206	30.308	4.935	6.890	31.496	33.975	5.5316	1.35833	0.00019	44.7901	250.000
2.7947	10061	44.7901	26.123	37.00	41.250	2090.804	51.062	-5.206	30.309	4.935	6.890	31.496	33.975	5.5316	1.35820	0.00019	44.7903	250.000
2.7950	10062	44.7903	26.124	37.00	41.250	2091.006	51.067	-5.206	30.310	4.935	6.890	31.496	33.975	5.5316	1.35808	0.00019	44.7905	250.000
2.7953	10063	44.7905	26.124	37.00	41.250	2091.208	51.071	-5.206	30.310	4.935	6.890	31.496	33.975	5.5316	1.35796	0.00019	44.7907	250.000
2.7956	10064	44.7907	26.124	37.00	41.250	2091.410	51.076	-5.206	30.311	4.935	6.889	31.496	33.975	5.5316	1.35784	0.00019	44.7909	250.000
2.7958	10065	44.7909	26.124	37.00	41.250	2091.612	51.081	-5.206	30.312	4.935	6.889	31.496	33.975	5.5316	1.35771	0.00019	44.7911	250.000
2.7961	10066	44.7911	26.124	37.00	41.250	2091.814	51.086	-5.206	30.313	4.935	6.889	31.496	33.975	5.5316	1.35759	0.00019	44.7913	250.000
2.7964	10067	44.7913	26.125	37.00	41.250	2092.016	51.091	-5.206	30.313	4.935	6.889	31.496	33.975	5.5316	1.35747	0.00019	44.7915	250.000
2.7967	10068	44.7915	26.125	37.00	41.250	2092.218	51.096	-5.206	30.314	4.936	6.889	31.496	33.975	5.5316	1.35734	0.00019	44.7917	250.000
2.7969	10069	44.7917	26.125	37.00	41.250	2092.420	51.101	-5.206	30.315	4.936	6.889	31.496	33.975	5.5316	1.35722	0.00019	44.7919	250.000
2.7972	10070	44.7919	26.125	37.00	41.250	2092.622	51.106	-5.206	30.316	4.936	6.889	31.496	33.975	5.5316	1.35710	0.00019	44.7920	250.000
2.7975	10071	44.7920	26.125	37.00	41.250	2092.824	51.111	-5.206	30.316	4.936	6.889	31.496	33.975	5.5316	1.35698	0.00019	44.7922	250.000
2.7978	10072	44.7922	26.126	37.00	41.250	2093.026	51.116	-5.206	30.317	4.936	6.888	31.496	33.975	5.5316	1.35685	0.00019	44.7924	250.000
2.7981	10073	44.7924	26.126	37.00	41.250	2093.228	51.121	-5.206	30.318	4.936	6.888	31.496	33.975	5.5316	1.35673	0.00019	44.7926	250.000
2.7983	10074	44.7926	26.126	37.00	41.250	2093.430	51.126	-5.206	30.319	4.936	6.888	31.496	33.975	5.5316	1.35661	0.00019	44.7928	250.000
2.7986	10075	44.7928	26.126	37.00	41.250	2093.632	51.131	-5.206	30.319	4.936	6.888	31.496	33.975	5.5316	1.35648	0.00019	44.7930	250.000
2.7989	10076	44.7930	26.126	37.00	41.250	2093.834	51.136	-5.206	30.320	4.937	6.888	31.496	33.975	5.5316	1.35636	0.00019	44.7932	250.000
2.7992	10077	44.7932	26.127	37.00	41.250	2094.036	51.141	-5.206	30.321	4.937	6.888	31.496	33.975	5.5316	1.35624	0.00019	44.7934	250.000
2.7994	10078	44.7934	26.127	37.00	41.250	2094.238	51.145	-5.206	30.322	4.937	6.888	31.496	33.975	5.5316	1.35612	0.00019	44.7936	250.000
2.7997	10079	44.7936	26.127	37.00	41.250	2094.440	51.150	-5.206	30.322	4.937	6.888	31.496	33.975	5.5316	1.35599	0.00019	44.7938	250.000
2.8000	10080	44.7938	26.127	37.00	41.250	2094.642	51.155	-5.206	30.323	4.937	6.887	31.496	33.975	5.5316	1.35587	0.00019	44.7940	250.000
2.8003	10081	44.7940	26.127	37.00	41.250	2094.844	51.160	-5.206	30.324	4.937	6.887	31.496	33.975	5.5316	1.35575	0.00019	44.7942	250.000
2.8006	10082	44.7942	26.128	37.00	41.250	2095.046	51.165	-5.206	30.325	4.937	6.887	31.496	33.975	5.5316	1.35562	0.00019	44.7944	250.000
2.8008	10083	44.7944	26.128	37.00	41.250	2095.248	51.170	-5.206	30.325	4.937	6.887	31.496	33.975	5.5316	1.35550	0.00019	44.7946	250.000
2.8011	10084	44.7946	26.128	37.00	41.250	2095.450	51.175	-5.206	30.326	4.937	6.887	31.496	33.975	5.5316	1.35538	0.00019	44.7948	250.000
2.8014	10085	44.7948	26.128	37.00	41.250	2095.652	51.180	-5.206	30.327	4.938	6.887	31.496	33.975	5.5316	1.35526	0.00019	44.7950	250.000
2.8017	10086	44.7950	26.128	37.00	41.250	2095.854	51.185	-5.206	30.328	4.938	6.887	31.496	33.975	5.5316	1.35513	0.00019	44.7951	250.000
2.8019	10087	44.7951	26.129	37.00	41.250	2096.056	51.190	-5.206	30.328	4.938	6.887	31.496	33.975	5.5316	1.35501	0.00019	44.7953	250.000
2.8022	10088	44.7953	26.129	37.00	41.250	2096.258	51.195	-5.206	30.329	4.938	6.886	31.496	33.975	5.5316	1.35489	0.00019	44.7955	250.000
2.8025	10089	44.7955	26.129	37.00	41.250	2096.460	51.200	-5.206	30.330	4.938	6.886	31.496	33.975	5.5316	1.35477	0.00019	44.7957	250.000
2.8028	10090	44.7957	26.129	37.00	41.250	2096.663	51.205	-5.206	30.331	4.938	6.886	31.496	33.975	5.5316	1.35464	0.00019	44.7959	250.000

2.8031	10091	44.7959	26.129	37.00	41.250	2096.865	51.210	-5.206	30.331	4.938	6.886	31.496	33.975	5.5316	1.35452	0.00019	44.7961	250.000
2.8033	10092	44.7961	26.130	37.00	41.250	2097.067	51.215	-5.206	30.332	4.938	6.886	31.496	33.975	5.5316	1.35440	0.00019	44.7963	250.000
2.8036	10093	44.7963	26.130	37.00	41.250	2097.269	51.220	-5.206	30.333	4.939	6.886	31.496	33.975	5.5316	1.35428	0.00019	44.7965	250.000
2.8039	10094	44.7965	26.130	37.00	41.250	2097.471	51.224	-5.206	30.334	4.939	6.886	31.496	33.975	5.5316	1.35415	0.00019	44.7967	250.000
2.8042	10095	44.7967	26.130	37.00	41.250	2097.673	51.229	-5.206	30.334	4.939	6.886	31.496	33.975	5.5316	1.35403	0.00019	44.7969	250.000
2.8044	10096	44.7969	26.130	37.00	41.250	2097.875	51.234	-5.206	30.335	4.939	6.885	31.496	33.975	5.5316	1.35391	0.00019	44.7971	250.000
2.8047	10097	44.7971	26.130	37.00	41.250	2098.077	51.239	-5.206	30.336	4.939	6.885	31.496	33.975	5.5316	1.35379	0.00019	44.7973	250.000
2.8050	10098	44.7973	26.131	37.00	41.250	2098.279	51.244	-5.206	30.337	4.939	6.885	31.496	33.975	5.5316	1.35366	0.00019	44.7975	250.000
2.8053	10099	44.7975	26.131	37.00	41.250	2098.481	51.249	-5.206	30.337	4.939	6.885	31.496	33.975	5.5316	1.35354	0.00019	44.7977	250.000
2.8056	10100	44.7977	26.131	37.00	41.250	2098.683	51.254	-5.206	30.338	4.939	6.885	31.496	33.975	5.5316	1.35342	0.00019	44.7979	250.000
2.8058	10101	44.7979	26.131	37.00	41.250	2098.885	51.259	-5.206	30.339	4.940	6.885	31.496	33.975	5.5316	1.35330	0.00019	44.7981	250.000
2.8061	10102	44.7981	26.131	37.00	41.250	2099.087	51.264	-5.206	30.340	4.940	6.885	31.496	33.975	5.5316	1.35317	0.00019	44.7982	250.000
2.8064	10103	44.7982	26.132	37.00	41.250	2099.289	51.269	-5.206	30.340	4.940	6.885	31.496	33.975	5.5316	1.35305	0.00019	44.7984	250.000
2.8067	10104	44.7984	26.132	37.00	41.250	2099.491	51.274	-5.206	30.341	4.940	6.884	31.496	33.975	5.5316	1.35293	0.00019	44.7986	250.000
2.8069	10105	44.7986	26.132	37.00	41.250	2099.693	51.279	-5.206	30.342	4.940	6.884	31.496	33.975	5.5316	1.35281	0.00019	44.7988	250.000
2.8072	10106	44.7988	26.132	37.00	41.250	2099.895	51.284	-5.206	30.343	4.940	6.884	31.496	33.975	5.5316	1.35268	0.00019	44.7990	250.000
2.8075	10107	44.7990	26.132	37.00	41.250	2100.097	51.289	-5.206	30.343	4.940	6.884	31.496	33.975	5.5316	1.35256	0.00019	44.7992	250.000
2.8078	10108	44.7992	26.133	37.00	41.250	2100.299	51.294	-5.206	30.344	4.940	6.884	31.496	33.975	5.5316	1.35244	0.00019	44.7994	250.000
2.8081	10109	44.7994	26.133	37.00	41.250	2100.501	51.298	-5.206	30.345	4.941	6.884	31.496	33.975	5.5316	1.35232	0.00019	44.7996	250.000
2.8083	10110	44.7996	26.133	37.00	41.250	2100.703	51.303	-5.206	30.346	4.941	6.884	31.496	33.975	5.5316	1.35219	0.00019	44.7998	250.000
2.8086	10111	44.7998	26.133	37.00	41.250	2100.905	51.308	-5.206	30.346	4.941	6.884	31.496	33.975	5.5316	1.35207	0.00019	44.8000	250.000
2.8089	10112	44.8000	26.133	37.00	41.250	2101.107	51.313	-5.206	30.347	4.941	6.884	31.496	33.975	5.5316	1.35195	0.00019	44.8002	250.000
2.8092	10113	44.8002	26.134	37.00	41.250	2101.309	51.318	-5.206	30.348	4.941	6.883	31.496	33.975	5.5316	1.35183	0.00019	44.8004	250.000
2.8094	10114	44.8004	26.134	37.00	41.250	2101.511	51.323	-5.206	30.349	4.941	6.883	31.496	33.975	5.5316	1.35170	0.00019	44.8006	250.000
2.8097	10115	44.8006	26.134	37.00	41.250	2101.713	51.328	-5.206	30.349	4.941	6.883	31.496	33.975	5.5316	1.35158	0.00019	44.8008	250.000
2.8100	10116	44.8008	26.134	37.00	41.250	2101.915	51.333	-5.206	30.350	4.941	6.883	31.496	33.975	5.5316	1.35146	0.00019	44.8009	250.000
2.8103	10117	44.8009	26.134	37.00	41.250	2102.117	51.338	-5.206	30.351	4.942	6.883	31.496	33.975	5.5316	1.35134	0.00019	44.8011	250.000
2.8106	10118	44.8011	26.135	37.00	41.250	2102.319	51.343	-5.206	30.352	4.942	6.883	31.496	33.975	5.5316	1.35122	0.00019	44.8013	250.000
2.8108	10119	44.8013	26.135	37.00	41.250	2102.521	51.348	-5.206	30.352	4.942	6.883	31.496	33.975	5.5316	1.35109	0.00019	44.8015	250.000
2.8111	10120	44.8015	26.135	37.00	41.250	2102.723	51.353	-5.206	30.353	4.942	6.883	31.496	33.975	5.5316	1.35097	0.00019	44.8017	250.000
2.8114	10121	44.8017	26.135	37.00	41.250	2102.925	51.358	-5.206	30.354	4.942	6.882	31.496	33.975	5.5316	1.35085	0.00019	44.8019	250.000
2.8117	10122	44.8019	26.135	37.00	41.250	2103.127	51.363	-5.206	30.355	4.942	6.882	31.496	33.975	5.5316	1.35073	0.00019	44.8021	250.000
2.8119	10123	44.8021	26.135	37.00	41.250	2103.330	51.368	-5.206	30.355	4.942	6.882	31.496	33.975	5.5316	1.35060	0.00019	44.8023	250.000
2.8122	10124	44.8023	26.136	37.00	41.250	2103.532	51.372	-5.206	30.356	4.942	6.882	31.496	33.975	5.5316	1.35048	0.00019	44.8025	250.000
2.8125	10125	44.8025	26.136	37.00	41.250	2103.734	51.377	-5.206	30.357	4.943	6.882	31.496	33.975	5.5316	1.35036	0.00019	44.8027	250.000
2.8128	10126	44.8027	26.136	37.00	41.250	2103.936	51.382	-5.206	30.358	4.943	6.882	31.496	33.975	5.5316	1.35024	0.00019	44.8029	250.000
2.8131	10127	44.8029	26.136	37.00	41.250	2104.138	51.387	-5.206	30.358	4.943	6.882	31.496	33.975	5.5316	1.35012	0.00019	44.8031	250.000
2.8133	10128	44.8031	26.136	37.00	41.250	2104.340	51.392	-5.206	30.359	4.943	6.882	31.496	33.975	5.5316	1.34999	0.00019	44.8033	250.000
2.8136	10129	44.8033	26.137	37.00	41.250	2104.542	51.397	-5.206	30.360	4.943	6.881	31.496	33.975	5.5316	1.34987	0.00019	44.8035	250.000
2.8139	10130	44.8035	26.137	37.00	41.250	2104.744	51.402	-5.206	30.361	4.943	6.881	31.496	33.975	5.5316	1.34975	0.00019	44.8036	250.000
2.8142	10131	44.8036	26.137	37.00	41.250	2104.946	51.407	-5.206	30.361	4.943	6.881	31.496	33.975	5.5316	1.34963	0.00019	44.8038	250.000
2.8144	10132	44.8038	26.137	37.00	41.250	2105.148	51.412	-5.206	30.362	4.943	6.881	31.496	33.975	5.5316	1.34950	0.00019	44.8040	250.000
2.8147	10133	44.8040	26.137	37.00	41.250	2105.350	51.417	-5.206	30.363	4.943	6.881	31.496	33.975	5.5316	1.34938	0.00019	44.8042	250.000
2.8150	10134	44.8042	26.138	37.00	41.250	2105.552	51.422	-5.206	30.364	4.944	6.881	31.496	33.975	5.5316	1.34926	0.00019	44.8044	250.000
2.8153	10135	44.8044	26.138	37.00	41.250	2105.754	51.427	-5.206	30.364	4.944	6.881	31.496	33.975	5.5316	1.34914	0.00019	44.8046	250.000
2.8156	10136	44.8046	26.138	37.00	41.250	2105.956	51.432	-5.206	30.365	4.944	6.881	31.496	33.975	5.5316	1.34902	0.00019	44.8048	250.000
2.8158	10137	44.8048	26.138	37.00	41.250	2106.158	51.437	-5.206	30.366	4.944	6.880	31.496	33.975	5.5316	1.34889	0.00019	44.8050	250.000
2.8161	10138	44.8050	26.138	37.00	41.250	2106.360	51.442	-5.206	30.367	4.944	6.880	31.496	33.975	5.5316	1.34877	0.00019	44.8052	250.000
2.8164	10139	44.8052	26.139	37.00	41.250	2106.562	51.446	-5.206	30.367	4.944	6.880	31.496	33.975	5.5316	1.34865	0.00019	44.8054	250.000
2.8167	10140	44.8054	26.139	37.00	41.250	2106.764	51.451	-5.206	30.368	4.944	6.880	31.496	33.975	5.5316	1.34853	0.00019	44.8056	250.000
2.8169	10141	44.8056	26.139	37.00	41.250	2106.966	51.456	-5.206	30.369	4.944	6.880	31.496	33.975	5.5316	1.34841	0.00019	44.8058	250.000
2.8172	10142	44.8058	26.139	37.00	41.250	2107.168	51.461	-5.206	30.370	4.945	6.880	31.496	33.975	5.5316	1.34828	0.00019	44.8060	250.000
2.8175	10143	44.8060	26.139	37.00	41.250	2107.370	51.466	-5.206	30.370	4.945	6.880	31.496	33.975	5.5316	1.34816	0.00019	44.8062	250.000
2.8178	10144	44.8062	26.140	37.00	41.250	2107.572	51.471	-5.206	30.371	4.945	6.880	31.496	33.975	5.5316	1.34804	0.00019	44.8063	250.000
2.8181	10145	44.8063	26.140	37.00	41.250	2107.774	51.476	-5.206	30.372	4.945	6.879	31.496	33.975	5.5316	1.34792	0.00019	44.8065	250.000
2.8183	10146	44.8065	26.140	37.00	41.250	2107.976	51.481	-5.206	30.373	4.945	6.879	31.496	33.975	5.5316	1.34780	0.00019	44.8067	250.000
2.8186	10147	44.8067	26.140	37.00	41.250	2108.178	51.486	-5.206	30.373	4.945	6.879	31.496	33.975	5.5316	1.34767	0.00019	44.8069	250.000
2.8189	10148	44.8069	26.140	37.00	41.250	2108.380	51.491	-5.206	30.374	4.945	6.879	31.496	33.975	5.5316	1.34755	0.00019	44.8071	250.000
2.8192	10149	44.8071	26.141	37.00	41.250	2108.582	51.496	-5.206	30.375	4.945	6.879	31.496	33.975	5.5316	1.34743	0.00019	44.8073	250.000
2.8194	10150	44.8073	26.141	37.00	41.250	2108.784	51.501	-5.206	30.376	4.946	6.879	31.496	33.975	5.5316	1.34731	0.00019	44.8075	250.000
2.8197	10151	44.8075	26.141	37.00	41.250	2108.986	51.506	-5.206	30.376	4.946	6.879	31.496	33.975	5.5316	1.34719	0.00019	44.8077	250.000
2.8200	10152	44.8077	26.141	37.00	41.250	2109.188	51.511	-5.206	30.377	4.946	6.879	31.496	33.975	5.5316	1.34706	0.00019	44.8079	250.000
2.8203	10153	44.8079	26.141	37.00	41.250	2109.390	51.516	-5.206	30.378	4.946	6.878	31.496	33.975	5.5316	1.34694	0.00019	44.8081	250.000
2.8206	10154	44.8081	26.141	37.00	41.250	2109.592	51.520	-5.206	30.379	4.946	6.878	31.496	33.975	5.5316	1.34682	0.00019	44.8083	250.000
2.8208	10155	44.8083	26.142	37.00	41.250	2109.794	51.525	-5.206	30.379	4.946	6.878	31.496	33.975	5.5316	1.34670	0.00019	44.8085	250.000
2.8211	10156	44.8085	26.142	37.00	41.250	2109.997	51.530	-5.206	30.380	4.946	6.878	31.496	33.975	5.5316	1.34658	0.00019	44.8087	250.000
2.8214	10157	44.8087	26.142	37.00	41.250	2110.199	51.535	-5.206	30.381	4.946	6.878	31.496	33.975	5.5316	1.34646	0.00019	44.8088	250.000
2.8217	10158	44.8088	26.142	37.00	41.250	2110.401	51.540	-5.206	30.382	4.947	6.878	31.496	33.975	5.5316	1.34633	0.00019	44.8090	250.000
2.8219	10159	44.8090	26.142	37.00	41.250	2110.603	51.545	-5.206	30.382	4.947	6.878	31.496	33.975	5.5316	1.34621	0.00019	44.8092	250.000
2.8222	10160	44.8092	26.143	37.00	41.250	2110.805	51.550	-5.206	30.383	4.947	6.878	31.496	33.975	5.5316	1.34609	0.00019	44.8094	250.000
2.8225	10161	44.8094	26.143	37.00	41.250	2111.007	51.555	-5.206	30.384	4.947	6.878	31.496	33.975	5.5316	1.34597	0.00019	44.8096	250.000
2.8228	10162	44.8096	26.143	37.00	41.250	2111.209	51.560	-5.206	30.385	4.947	6.877	31.496	33.975	5.5316	1.34585	0.00019	44.8098	250.000
2.8231	10163	44.8098	26.143	37.00	41.250	2111.411	51.565	-5.206	30.385	4.947	6.877	31.496	33.975	5.5316	1.34572	0.00019	44.8100	250.000
2.8233	10164	44.8100	26.143	37.00	41.250	2111.613	51.570	-5.206	30.386	4.947	6.877	31.496	33.975	5.5316	1.34560	0.00019	44.8102	250.000
2.8236	10165	44.8102	26.144	37.00	41.250	2111.815	51.575	-5.206	30.387	4.947	6.877	31.496	33.975	5.5316	1.34548	0.00019	44.8104	250.000
2.8239	10166	44.8104	26.144	37.00	41.250	2112.017	51.580	-5.206	30.388	4.948	6.877	31.496	33.975	5.5316	1.34536	0.00019	44.8106	250.000
2.8242	10167	44.8106	26.144	37.00	41.250	2112.219	51.585	-5.206	30.388	4.948	6.877	31.496	33.975	5.5316	1.34524	0.00019	44.8108	250.000
2.8244	10168	44.8108	26.144	37.00	41.250	2112.421	51.590	-5.206	30.389	4.948	6.877	31.496	33.975	5.5316	1.34512	0.00019	44.8110	250.000
2.8247	10169	44.8110	26.144	37.00	41.250	2112.623	51.594	-5.206	30.390	4.948	6.877	31.496	33.975	5.5316	1.34499	0.00019	44.8112	250.000
2.8250	10170	44.8112	26.145	37.00	41.250	2112.825	51.599	-5.206	30.391	4.948	6.876	31.496	33.975	5.5316	1.34487	0.00019	44.8113	250.000
2.8253	10171	44.8113	26.145	37.00	41.250	2113.027	51.604	-5.206	30.391	4.948	6.876	31.496	33.975	5.5316	1.34475	0.00019	44.8115	250.000

2.8256	10172	44.8115	26.145	37.00	41.250	2113.229	51.609	-5.206	30.392	4.948	6.876	31.496	33.975	5.5316	1.34463	0.00019	44.8117	250.000
2.8258	10173	44.8117	26.145	37.00	41.250	2113.431	51.614	-5.206	30.393	4.948	6.876	31.496	33.975	5.5316	1.34451	0.00019	44.8119	250.000
2.8261	10174	44.8119	26.145	37.00	41.250	2113.633	51.619	-5.206	30.394	4.948	6.876	31.496	33.975	5.5316	1.34439	0.00019	44.8121	250.000
2.8264	10175	44.8121	26.146	37.00	41.250	2113.835	51.624	-5.206	30.394	4.949	6.876	31.496	33.975	5.5316	1.34426	0.00019	44.8123	250.000
2.8267	10176	44.8123	26.146	37.00	41.250	2114.037	51.629	-5.206	30.395	4.949	6.876	31.496	33.975	5.5316	1.34414	0.00019	44.8125	250.000
2.8269	10177	44.8125	26.146	37.00	41.250	2114.239	51.634	-5.206	30.396	4.949	6.876	31.496	33.975	5.5316	1.34402	0.00019	44.8127	250.000
2.8272	10178	44.8127	26.146	37.00	41.250	2114.441	51.639	-5.206	30.397	4.949	6.875	31.496	33.975	5.5316	1.34390	0.00019	44.8129	250.000
2.8275	10179	44.8129	26.146	37.00	41.250	2114.643	51.644	-5.206	30.397	4.949	6.875	31.496	33.975	5.5316	1.34378	0.00019	44.8131	250.000
2.8278	10180	44.8131	26.146	37.00	41.250	2114.845	51.649	-5.206	30.398	4.949	6.875	31.496	33.975	5.5316	1.34366	0.00019	44.8133	250.000
2.8281	10181	44.8133	26.147	37.00	41.250	2115.047	51.654	-5.206	30.399	4.949	6.875	31.496	33.975	5.5316	1.34353	0.00019	44.8135	250.000
2.8283	10182	44.8135	26.147	37.00	41.250	2115.249	51.659	-5.206	30.400	4.949	6.875	31.496	33.975	5.5316	1.34341	0.00019	44.8137	250.000
2.8286	10183	44.8137	26.147	37.00	41.250	2115.451	51.664	-5.206	30.400	4.950	6.875	31.496	33.975	5.5316	1.34329	0.00019	44.8138	250.000
2.8289	10184	44.8138	26.147	37.00	41.250	2115.653	51.669	-5.206	30.401	4.950	6.875	31.496	33.975	5.5316	1.34317	0.00019	44.8140	250.000
2.8292	10185	44.8140	26.147	37.00	41.250	2115.855	51.673	-5.206	30.402	4.950	6.875	31.496	33.975	5.5316	1.34305	0.00019	44.8142	250.000
2.8294	10186	44.8142	26.148	37.00	41.250	2116.057	51.678	-5.206	30.403	4.950	6.874	31.496	33.975	5.5316	1.34293	0.00019	44.8144	250.000
2.8297	10187	44.8144	26.148	37.00	41.250	2116.259	51.683	-5.206	30.403	4.950	6.874	31.496	33.975	5.5316	1.34280	0.00019	44.8146	250.000
2.8300	10188	44.8146	26.148	37.00	41.250	2116.461	51.688	-5.206	30.404	4.950	6.874	31.496	33.975	5.5316	1.34268	0.00019	44.8148	250.000
2.8303	10189	44.8148	26.148	37.00	41.250	2116.663	51.693	-5.206	30.405	4.950	6.874	31.496	33.975	5.5316	1.34256	0.00019	44.8150	250.000
2.8306	10190	44.8150	26.148	37.00	41.250	2116.866	51.698	-5.206	30.406	4.950	6.874	31.496	33.975	5.5316	1.34244	0.00019	44.8152	250.000
2.8308	10191	44.8152	26.149	37.00	41.250	2117.068	51.703	-5.206	30.406	4.951	6.874	31.496	33.975	5.5316	1.34232	0.00019	44.8154	250.000
2.8311	10192	44.8154	26.149	37.00	41.250	2117.270	51.708	-5.206	30.407	4.951	6.874	31.496	33.975	5.5316	1.34220	0.00019	44.8156	250.000
2.8314	10193	44.8156	26.149	37.00	41.250	2117.472	51.713	-5.206	30.408	4.951	6.874	31.496	33.975	5.5316	1.34208	0.00019	44.8158	250.000
2.8317	10194	44.8158	26.149	37.00	41.250	2117.674	51.718	-5.206	30.409	4.951	6.874	31.496	33.975	5.5316	1.34195	0.00019	44.8160	250.000
2.8319	10195	44.8160	26.149	37.00	41.250	2117.876	51.723	-5.206	30.409	4.951	6.873	31.496	33.975	5.5316	1.34183	0.00019	44.8161	250.000
2.8322	10196	44.8161	26.150	37.00	41.250	2118.078	51.728	-5.206	30.410	4.951	6.873	31.496	33.975	5.5316	1.34171	0.00019	44.8163	250.000
2.8325	10197	44.8163	26.150	37.00	41.250	2118.280	51.733	-5.206	30.411	4.951	6.873	31.496	33.975	5.5316	1.34159	0.00019	44.8165	250.000
2.8328	10198	44.8165	26.150	37.00	41.250	2118.482	51.738	-5.206	30.412	4.951	6.873	31.496	33.975	5.5316	1.34147	0.00019	44.8167	250.000
2.8331	10199	44.8167	26.150	37.00	41.250	2118.684	51.743	-5.206	30.412	4.952	6.873	31.496	33.975	5.5316	1.34135	0.00019	44.8169	250.000
2.8333	10200	44.8169	26.150	37.00	41.250	2118.886	51.747	-5.206	30.413	4.952	6.873	31.496	33.975	5.5316	1.34123	0.00019	44.8171	250.000
2.8336	10201	44.8171	26.150	37.00	41.250	2119.088	51.752	-5.206	30.414	4.952	6.873	31.496	33.975	5.5316	1.34110	0.00019	44.8173	250.000
2.8339	10202	44.8173	26.151	37.00	41.250	2119.290	51.757	-5.206	30.415	4.952	6.873	31.496	33.975	5.5316	1.34098	0.00019	44.8175	250.000
2.8342	10203	44.8175	26.151	37.00	41.250	2119.492	51.762	-5.206	30.415	4.952	6.872	31.496	33.975	5.5316	1.34086	0.00019	44.8177	250.000
2.8344	10204	44.8177	26.151	37.00	41.250	2119.694	51.767	-5.206	30.416	4.952	6.872	31.496	33.975	5.5316	1.34074	0.00019	44.8179	250.000
2.8347	10205	44.8179	26.151	37.00	41.250	2119.896	51.772	-5.206	30.417	4.952	6.872	31.496	33.975	5.5316	1.34062	0.00019	44.8181	250.000
2.8350	10206	44.8181	26.151	37.00	41.250	2120.098	51.777	-5.206	30.418	4.952	6.872	31.496	33.975	5.5316	1.34050	0.00019	44.8183	250.000
2.8353	10207	44.8183	26.152	37.00	41.250	2120.300	51.782	-5.206	30.418	4.952	6.872	31.496	33.975	5.5316	1.34038	0.00019	44.8184	250.000
2.8356	10208	44.8184	26.152	37.00	41.250	2120.502	51.787	-5.206	30.419	4.953	6.872	31.496	33.975	5.5316	1.34026	0.00019	44.8186	250.000
2.8358	10209	44.8186	26.152	37.00	41.250	2120.704	51.792	-5.206	30.420	4.953	6.872	31.496	33.975	5.5316	1.34013	0.00019	44.8188	250.000
2.8361	10210	44.8188	26.152	37.00	41.250	2120.906	51.797	-5.206	30.420	4.953	6.872	31.496	33.975	5.5316	1.34001	0.00019	44.8190	250.000
2.8364	10211	44.8190	26.152	37.00	41.250	2121.108	51.802	-5.206	30.421	4.953	6.871	31.496	33.975	5.5316	1.33989	0.00019	44.8192	250.000
2.8367	10212	44.8192	26.153	37.00	41.250	2121.310	51.807	-5.206	30.422	4.953	6.871	31.496	33.975	5.5316	1.33977	0.00019	44.8194	250.000
2.8369	10213	44.8194	26.153	37.00	41.250	2121.512	51.812	-5.206	30.423	4.953	6.871	31.496	33.975	5.5316	1.33965	0.00019	44.8196	250.000
2.8372	10214	44.8196	26.153	37.00	41.250	2121.714	51.817	-5.206	30.423	4.953	6.871	31.496	33.975	5.5316	1.33953	0.00019	44.8198	250.000
2.8375	10215	44.8198	26.153	37.00	41.250	2121.916	51.821	-5.206	30.424	4.953	6.871	31.496	33.975	5.5316	1.33941	0.00019	44.8200	250.000
2.8378	10216	44.8200	26.153	37.00	41.250	2122.118	51.826	-5.206	30.425	4.954	6.871	31.496	33.975	5.5316	1.33929	0.00019	44.8202	250.000
2.8381	10217	44.8202	26.154	37.00	41.250	2122.320	51.831	-5.206	30.426	4.954	6.871	31.496	33.975	5.5316	1.33916	0.00019	44.8204	250.000
2.8383	10218	44.8204	26.154	37.00	41.250	2122.522	51.836	-5.206	30.426	4.954	6.871	31.496	33.975	5.5316	1.33904	0.00019	44.8205	250.000
2.8386	10219	44.8205	26.154	37.00	41.250	2122.724	51.841	-5.206	30.427	4.954	6.870	31.496	33.975	5.5316	1.33892	0.00019	44.8207	250.000
2.8389	10220	44.8207	26.154	37.00	41.250	2122.926	51.846	-5.206	30.428	4.954	6.870	31.496	33.975	5.5316	1.33880	0.00019	44.8209	250.000
2.8392	10221	44.8209	26.154	37.00	41.250	2123.128	51.851	-5.206	30.429	4.954	6.870	31.496	33.975	5.5316	1.33868	0.00019	44.8211	250.000
2.8394	10222	44.8211	26.155	37.00	41.250	2123.330	51.856	-5.206	30.429	4.954	6.870	31.496	33.975	5.5316	1.33856	0.00019	44.8213	250.000
2.8397	10223	44.8213	26.155	37.00	41.250	2123.533	51.861	-5.206	30.430	4.954	6.870	31.496	33.975	5.5316	1.33844	0.00019	44.8215	250.000
2.8400	10224	44.8215	26.155	37.00	41.250	2123.735	51.866	-5.206	30.431	4.955	6.870	31.496	33.975	5.5316	1.33832	0.00019	44.8217	250.000
2.8403	10225	44.8217	26.155	37.00	41.250	2123.937	51.871	-5.206	30.432	4.955	6.870	31.496	33.975	5.5316	1.33819	0.00019	44.8219	250.000
2.8406	10226	44.8219	26.155	37.00	41.250	2124.139	51.876	-5.206	30.432	4.955	6.870	31.496	33.975	5.5316	1.33807	0.00019	44.8221	250.000
2.8408	10227	44.8221	26.155	37.00	41.250	2124.341	51.881	-5.206	30.433	4.955	6.870	31.496	33.975	5.5316	1.33795	0.00019	44.8223	250.000
2.8411	10228	44.8223	26.156	37.00	41.250	2124.543	51.886	-5.206	30.434	4.955	6.869	31.496	33.975	5.5316	1.33783	0.00019	44.8225	250.000
2.8414	10229	44.8225	26.156	37.00	41.250	2124.745	51.891	-5.206	30.435	4.955	6.869	31.496	33.975	5.5316	1.33771	0.00019	44.8227	250.000
2.8417	10230	44.8227	26.156	37.00	41.250	2124.947	51.895	-5.206	30.435	4.955	6.869	31.496	33.975	5.5316	1.33759	0.00019	44.8228	250.000
2.8419	10231	44.8228	26.156	37.00	41.250	2125.149	51.900	-5.206	30.436	4.955	6.869	31.496	33.975	5.5316	1.33747	0.00019	44.8230	250.000
2.8422	10232	44.8230	26.156	37.00	41.250	2125.351	51.905	-5.206	30.437	4.956	6.869	31.496	33.975	5.5316	1.33735	0.00019	44.8232	250.000
2.8425	10233	44.8232	26.157	37.00	41.250	2125.553	51.910	-5.206	30.438	4.956	6.869	31.496	33.975	5.5316	1.33723	0.00019	44.8234	250.000
2.8428	10234	44.8234	26.157	37.00	41.250	2125.755	51.915	-5.206	30.438	4.956	6.869	31.496	33.975	5.5316	1.33711	0.00019	44.8236	250.000
2.8431	10235	44.8236	26.157	37.00	41.250	2125.957	51.920	-5.206	30.439	4.956	6.869	31.496	33.975	5.5316	1.33698	0.00019	44.8238	250.000
2.8433	10236	44.8238	26.157	37.00	41.250	2126.159	51.925	-5.206	30.440	4.956	6.868	31.496	33.975	5.5316	1.33686	0.00019	44.8240	250.000
2.8436	10237	44.8240	26.157	37.00	41.250	2126.361	51.930	-5.206	30.441	4.956	6.868	31.496	33.975	5.5316	1.33674	0.00019	44.8242	250.000
2.8439	10238	44.8242	26.158	37.00	41.250	2126.563	51.935	-5.206	30.441	4.956	6.868	31.496	33.975	5.5316	1.33662	0.00019	44.8244	250.000
2.8442	10239	44.8244	26.158	37.00	41.250	2126.765	51.940	-5.206	30.442	4.956	6.868	31.496	33.975	5.5316	1.33650	0.00019	44.8246	250.000
2.8444	10240	44.8246	26.158	37.00	41.250	2126.967	51.945	-5.206	30.443	4.956	6.868	31.496	33.975	5.5316	1.33638	0.00019	44.8248	250.000
2.8447	10241	44.8248	26.158	37.00	41.250	2127.169	51.950	-5.206	30.444	4.957	6.868	31.496	33.975	5.5316	1.33626	0.00019	44.8249	250.000
2.8450	10242	44.8249	26.158	37.00	41.250	2127.371	51.955	-5.206	30.444	4.957	6.868	31.496	33.975	5.5316	1.33614	0.00019	44.8251	250.000
2.8453	10243	44.8251	26.159	37.00	41.250	2127.573	51.960	-5.206	30.445	4.957	6.868	31.496	33.975	5.5316	1.33602	0.00019	44.8253	250.000
2.8456	10244	44.8253	26.159	37.00	41.250	2127.775	51.965	-5.206	30.446	4.957	6.867	31.496	33.975	5.5316	1.33590	0.00019	44.8255	250.000
2.8458	10245	44.8255	26.159	37.00	41.250	2127.977	51.969	-5.206	30.447	4.957	6.867	31.496	33.975	5.5316	1.33577	0.00019	44.8257	250.000
2.8461	10246	44.8257	26.159	37.00	41.250	2128.179	51.974	-5.206	30.447	4.957	6.867	31.496	33.975	5.5316	1.33565	0.00019	44.8259	250.000
2.8464	10247	44.8259	26.159	37.00	41.250	2128.381	51.979	-5.206	30.448	4.957	6.867	31.496	33.975	5.5316	1.33553	0.00019	44.8261	250.000
2.8467	10248	44.8261	26.159	37.00	41.250	2128.583	51.984	-5.206	30.449	4.957	6.867	31.496	33.975	5.5316	1.33541	0.00019	44.8263	250.000
2.8469	10249	44.8263	26.160	37.00	41.250	2128.785	51.989	-5.206	30.449	4.958	6.867	31.496	33.975	5.5316	1.33529	0.00019	44.8265	250.000
2.8472	10250	44.8265	26.160	37.00	41.250	2128.987	51.994	-5.206	30.450	4.958	6.867	31.496	33.975	5.5316	1.33517	0.00019	44.8267	250.000
2.8475	10251	44.8267	26.160	37.00	41.250	2129.189	51.999	-5.206	30.451	4.958	6.867	31.496	33.975	5.5316	1.33505	0.00019	44.8269	250.000
2.8478	10252	44.8269	26.160	37.00	41.250	2129.391	52.004	-5.206	30.452	4.958	6.866	31.496	33.975	5.5316	1.33493	0.00019	44.8270	250.000

2.8481	10253	44.8270	26.160	37.00	41.250	2129.593	52.009	-5.206	30.452	4.958	6.866	31.496	33.975	5.5316	1.33481	0.00019	44.8272	250.000
2.8483	10254	44.8272	26.161	37.00	41.250	2129.795	52.014	-5.206	30.453	4.958	6.866	31.496	33.975	5.5316	1.33469	0.00019	44.8274	250.000
2.8486	10255	44.8274	26.161	37.00	41.250	2129.997	52.019	-5.206	30.454	4.958	6.866	31.496	33.975	5.5316	1.33457	0.00019	44.8276	250.000
2.8489	10256	44.8276	26.161	37.00	41.250	2130.199	52.024	-5.206	30.455	4.958	6.866	31.496	33.975	5.5316	1.33445	0.00019	44.8278	250.000
2.8492	10257	44.8278	26.161	37.00	41.250	2130.402	52.029	-5.206	30.455	4.959	6.866	31.496	33.975	5.5316	1.33432	0.00019	44.8280	250.000
2.8494	10258	44.8280	26.161	37.00	41.250	2130.604	52.034	-5.206	30.456	4.959	6.866	31.496	33.975	5.5316	1.33420	0.00019	44.8282	250.000
2.8497	10259	44.8282	26.162	37.00	41.250	2130.806	52.039	-5.206	30.457	4.959	6.866	31.496	33.975	5.5316	1.33408	0.00019	44.8284	250.000
2.8500	10260	44.8284	26.162	37.00	41.250	2131.008	52.043	-5.206	30.458	4.959	6.866	31.496	33.975	5.5316	1.33396	0.00019	44.8286	250.000
2.8503	10261	44.8286	26.162	37.00	41.250	2131.210	52.048	-5.206	30.458	4.959	6.865	31.496	33.975	5.5316	1.33384	0.00019	44.8288	250.000
2.8506	10262	44.8288	26.162	37.00	41.250	2131.412	52.053	-5.206	30.459	4.959	6.865	31.496	33.975	5.5316	1.33372	0.00019	44.8289	250.000
2.8508	10263	44.8289	26.162	37.00	41.250	2131.614	52.058	-5.206	30.460	4.959	6.865	31.496	33.975	5.5316	1.33360	0.00019	44.8291	250.000
2.8511	10264	44.8291	26.163	37.00	41.250	2131.816	52.063	-5.206	30.461	4.959	6.865	31.496	33.975	5.5316	1.33348	0.00019	44.8293	250.000
2.8514	10265	44.8293	26.163	37.00	41.250	2132.018	52.068	-5.206	30.461	4.960	6.865	31.496	33.975	5.5316	1.33336	0.00019	44.8295	250.000
2.8517	10266	44.8295	26.163	37.00	41.250	2132.220	52.073	-5.206	30.462	4.960	6.865	31.496	33.975	5.5316	1.33324	0.00019	44.8297	250.000
2.8519	10267	44.8297	26.163	37.00	41.250	2132.422	52.078	-5.206	30.463	4.960	6.865	31.496	33.975	5.5316	1.33312	0.00019	44.8299	250.000
2.8522	10268	44.8299	26.163	37.00	41.250	2132.624	52.083	-5.206	30.464	4.960	6.865	31.496	33.975	5.5316	1.33300	0.00019	44.8301	250.000
2.8525	10269	44.8301	26.163	37.00	41.250	2132.826	52.088	-5.206	30.464	4.960	6.864	31.496	33.975	5.5316	1.33288	0.00019	44.8303	250.000
2.8528	10270	44.8303	26.164	37.00	41.250	2133.028	52.093	-5.206	30.465	4.960	6.864	31.496	33.975	5.5316	1.33276	0.00019	44.8305	250.000
2.8531	10271	44.8305	26.164	37.00	41.250	2133.230	52.098	-5.206	30.466	4.960	6.864	31.496	33.975	5.5316	1.33264	0.00019	44.8307	250.000
2.8533	10272	44.8307	26.164	37.00	41.250	2133.432	52.103	-5.206	30.467	4.960	6.864	31.496	33.975	5.5316	1.33251	0.00019	44.8309	250.000
2.8536	10273	44.8309	26.164	37.00	41.250	2133.634	52.108	-5.206	30.467	4.960	6.864	31.496	33.975	5.5316	1.33239	0.00019	44.8310	250.000
2.8539	10274	44.8310	26.164	37.00	41.250	2133.836	52.113	-5.206	30.468	4.961	6.864	31.496	33.975	5.5316	1.33227	0.00019	44.8312	250.000
2.8542	10275	44.8312	26.165	37.00	41.250	2134.038	52.117	-5.206	30.469	4.961	6.864	31.496	33.975	5.5316	1.33215	0.00019	44.8314	250.000
2.8544	10276	44.8314	26.165	37.00	41.250	2134.240	52.122	-5.206	30.470	4.961	6.864	31.496	33.975	5.5316	1.33203	0.00019	44.8316	250.000
2.8547	10277	44.8316	26.165	37.00	41.250	2134.442	52.127	-5.206	30.470	4.961	6.863	31.496	33.975	5.5316	1.33191	0.00019	44.8318	250.000
2.8550	10278	44.8318	26.165	37.00	41.250	2134.644	52.132	-5.206	30.471	4.961	6.863	31.496	33.975	5.5316	1.33179	0.00019	44.8320	250.000
2.8553	10279	44.8320	26.165	37.00	41.250	2134.846	52.137	-5.206	30.472	4.961	6.863	31.496	33.975	5.5316	1.33167	0.00019	44.8322	250.000
2.8556	10280	44.8322	26.166	37.00	41.250	2135.048	52.142	-5.206	30.472	4.961	6.863	31.496	33.975	5.5316	1.33155	0.00019	44.8324	250.000
2.8558	10281	44.8324	26.166	37.00	41.250	2135.250	52.147	-5.206	30.473	4.961	6.863	31.496	33.975	5.5316	1.33143	0.00019	44.8326	250.000
2.8561	10282	44.8326	26.166	37.00	41.250	2135.452	52.152	-5.206	30.474	4.962	6.863	31.496	33.975	5.5316	1.33131	0.00019	44.8328	250.000
2.8564	10283	44.8328	26.166	37.00	41.250	2135.654	52.157	-5.206	30.475	4.962	6.863	31.496	33.975	5.5316	1.33119	0.00019	44.8329	250.000
2.8567	10284	44.8329	26.166	37.00	41.250	2135.856	52.162	-5.206	30.475	4.962	6.863	31.496	33.975	5.5316	1.33107	0.00019	44.8331	250.000
2.8569	10285	44.8331	26.167	37.00	41.250	2136.058	52.167	-5.206	30.476	4.962	6.863	31.496	33.975	5.5316	1.33095	0.00019	44.8333	250.000
2.8572	10286	44.8333	26.167	37.00	41.250	2136.260	52.172	-5.206	30.477	4.962	6.862	31.496	33.975	5.5316	1.33083	0.00019	44.8335	250.000
2.8575	10287	44.8335	26.167	37.00	41.250	2136.462	52.177	-5.206	30.478	4.962	6.862	31.496	33.975	5.5316	1.33071	0.00019	44.8337	250.000
2.8578	10288	44.8337	26.167	37.00	41.250	2136.664	52.182	-5.206	30.478	4.962	6.862	31.496	33.975	5.5316	1.33059	0.00019	44.8339	250.000
2.8581	10289	44.8339	26.167	37.00	41.250	2136.866	52.187	-5.206	30.479	4.962	6.862	31.496	33.975	5.5316	1.33047	0.00019	44.8341	250.000
2.8583	10290	44.8341	26.167	37.00	41.250	2137.069	52.192	-5.206	30.480	4.963	6.862	31.496	33.975	5.5316	1.33035	0.00019	44.8343	250.000
2.8586	10291	44.8343	26.168	37.00	41.250	2137.271	52.196	-5.206	30.481	4.963	6.862	31.496	33.975	5.5316	1.33023	0.00019	44.8345	250.000
2.8589	10292	44.8345	26.168	37.00	41.250	2137.473	52.201	-5.206	30.481	4.963	6.862	31.496	33.975	5.5316	1.33011	0.00019	44.8347	250.000
2.8592	10293	44.8347	26.168	37.00	41.250	2137.675	52.206	-5.206	30.482	4.963	6.862	31.496	33.975	5.5316	1.32998	0.00019	44.8348	250.000
2.8594	10294	44.8348	26.168	37.00	41.250	2137.877	52.211	-5.206	30.483	4.963	6.861	31.496	33.975	5.5316	1.32986	0.00019	44.8350	250.000
2.8597	10295	44.8350	26.168	37.00	41.250	2138.079	52.216	-5.206	30.484	4.963	6.861	31.496	33.975	5.5316	1.32974	0.00019	44.8352	250.000
2.8600	10296	44.8352	26.169	37.00	41.250	2138.281	52.221	-5.206	30.484	4.963	6.861	31.496	33.975	5.5316	1.32962	0.00019	44.8354	250.000
2.8603	10297	44.8354	26.169	37.00	41.250	2138.483	52.226	-5.206	30.485	4.963	6.861	31.496	33.975	5.5316	1.32950	0.00019	44.8356	250.000
2.8606	10298	44.8356	26.169	37.00	41.250	2138.685	52.231	-5.206	30.486	4.963	6.861	31.496	33.975	5.5316	1.32938	0.00019	44.8358	250.000
2.8608	10299	44.8358	26.169	37.00	41.250	2138.887	52.236	-5.206	30.487	4.964	6.861	31.496	33.975	5.5316	1.32926	0.00019	44.8360	250.000
2.8611	10300	44.8360	26.169	37.00	41.250	2139.089	52.241	-5.206	30.487	4.964	6.861	31.496	33.975	5.5316	1.32914	0.00019	44.8362	250.000
2.8614	10301	44.8362	26.170	37.00	41.250	2139.291	52.246	-5.206	30.488	4.964	6.861	31.496	33.975	5.5316	1.32902	0.00019	44.8364	250.000
2.8617	10302	44.8364	26.170	37.00	41.250	2139.493	52.251	-5.206	30.489	4.964	6.860	31.496	33.975	5.5316	1.32890	0.00019	44.8366	250.000
2.8619	10303	44.8366	26.170	37.00	41.250	2139.695	52.256	-5.206	30.489	4.964	6.860	31.496	33.975	5.5316	1.32878	0.00019	44.8367	250.000
2.8622	10304	44.8367	26.170	37.00	41.250	2139.897	52.261	-5.206	30.490	4.964	6.860	31.496	33.975	5.5316	1.32866	0.00019	44.8369	250.000
2.8625	10305	44.8369	26.170	37.00	41.250	2140.099	52.266	-5.206	30.491	4.964	6.860	31.496	33.975	5.5316	1.32854	0.00019	44.8371	250.000
2.8628	10306	44.8371	26.171	37.00	41.250	2140.301	52.270	-5.206	30.492	4.964	6.860	31.496	33.975	5.5316	1.32842	0.00019	44.8373	250.000
2.8631	10307	44.8373	26.171	37.00	41.250	2140.503	52.275	-5.206	30.492	4.965	6.860	31.496	33.975	5.5316	1.32830	0.00019	44.8375	250.000
2.8633	10308	44.8375	26.171	37.00	41.250	2140.705	52.280	-5.206	30.493	4.965	6.860	31.496	33.975	5.5316	1.32818	0.00019	44.8377	250.000
2.8636	10309	44.8377	26.171	37.00	41.250	2140.907	52.285	-5.206	30.494	4.965	6.860	31.496	33.975	5.5316	1.32806	0.00019	44.8379	250.000
2.8639	10310	44.8379	26.171	37.00	41.250	2141.109	52.290	-5.206	30.495	4.965	6.859	31.496	33.975	5.5316	1.32794	0.00019	44.8381	250.000
2.8642	10311	44.8381	26.171	37.00	41.250	2141.311	52.295	-5.206	30.495	4.965	6.859	31.496	33.975	5.5316	1.32782	0.00019	44.8383	250.000
2.8644	10312	44.8383	26.172	37.00	41.250	2141.513	52.300	-5.206	30.496	4.965	6.859	31.496	33.975	5.5316	1.32770	0.00019	44.8385	250.000
2.8647	10313	44.8385	26.172	37.00	41.250	2141.715	52.305	-5.206	30.497	4.965	6.859	31.496	33.975	5.5316	1.32758	0.00019	44.8386	250.000
2.8650	10314	44.8386	26.172	37.00	41.250	2141.917	52.310	-5.206	30.498	4.965	6.859	31.496	33.975	5.5316	1.32746	0.00019	44.8388	250.000
2.8653	10315	44.8388	26.172	37.00	41.250	2142.119	52.315	-5.206	30.498	4.966	6.859	31.496	33.975	5.5316	1.32734	0.00019	44.8390	250.000
2.8656	10316	44.8390	26.172	37.00	41.250	2142.321	52.320	-5.206	30.499	4.966	6.859	31.496	33.975	5.5316	1.32722	0.00019	44.8392	250.000
2.8658	10317	44.8392	26.173	37.00	41.250	2142.523	52.325	-5.206	30.500	4.966	6.859	31.496	33.975	5.5316	1.32710	0.00019	44.8394	250.000
2.8661	10318	44.8394	26.173	37.00	41.250	2142.725	52.330	-5.206	30.501	4.966	6.859	31.496	33.975	5.5316	1.32698	0.00019	44.8396	250.000
2.8664	10319	44.8396	26.173	37.00	41.250	2142.927	52.335	-5.206	30.501	4.966	6.858	31.496	33.975	5.5316	1.32686	0.00019	44.8398	250.000
2.8667	10320	44.8398	26.173	37.00	41.250	2143.129	52.340	-5.206	30.502	4.966	6.858	31.496	33.975	5.5316	1.32674	0.00019	44.8400	250.000
2.8669	10321	44.8400	26.173	37.00	41.250	2143.331	52.344	-5.206	30.503	4.966	6.858	31.496	33.975	5.5316	1.32662	0.00019	44.8402	250.000
2.8672	10322	44.8402	26.174	37.00	41.250	2143.533	52.349	-5.206	30.503	4.966	6.858	31.496	33.975	5.5316	1.32650	0.00019	44.8403	250.000
2.8675	10323	44.8403	26.174	37.00	41.250	2143.736	52.354	-5.206	30.504	4.966	6.858	31.496	33.975	5.5316	1.32638	0.00019	44.8405	250.000
2.8678	10324	44.8405	26.174	37.00	41.250	2143.938	52.359	-5.206	30.505	4.967	6.858	31.496	33.975	5.5316	1.32626	0.00019	44.8407	250.000
2.8681	10325	44.8407	26.174	37.00	41.250	2144.140	52.364	-5.206	30.506	4.967	6.858	31.496	33.975	5.5316	1.32614	0.00019	44.8409	250.000
2.8683	10326	44.8409	26.174	37.00	41.250	2144.342	52.369	-5.206	30.506	4.967	6.858	31.496	33.975	5.5316	1.32602	0.00019	44.8411	250.000
2.8686	10327	44.8411	26.174	37.00	41.250	2144.544	52.374	-5.206	30.507	4.967	6.857	31.496	33.975	5.5316	1.32590	0.00019	44.8413	250.000
2.8689	10328	44.8413	26.175	37.00	41.250	2144.746	52.379	-5.206	30.508	4.967	6.857	31.496	33.975	5.5316	1.32578	0.00019	44.8415	250.000
2.8692	10329	44.8415	26.175	37.00	41.250	2144.948	52.384	-5.206	30.509	4.967	6.857	31.496	33.975	5.5316	1.32566	0.00019	44.8417	250.000
2.8694	10330	44.8417	26.175	37.00	41.250	2145.150	52.389	-5.206	30.509	4.967	6.857	31.496	33.975	5.5316	1.32554	0.00019	44.8419	250.000
2.8697	10331	44.8419	26.175	37.00	41.250	2145.352	52.394	-5.206	30.510	4.967	6.857	31.496	33.975	5.5316	1.32542	0.00019	44.8421	250.000
2.8700	10332	44.8421	26.175	37.00	41.250	2145.554	52.399	-5.206	30.511	4.968	6.857	31.496	33.975	5.5316	1.32530	0.00019	44.8422	250.000
2.8703	10333	44.8422	26.176	37.00	41.250	2145.756	52.404	-5.206	30.512	4.968	6.857	31.496	33.975	5.5316	1.32518	0.00019	44.8424	250.000

2.8706	10334	44.8424	26.176	37.00	41.250	2145.958	52.409	-5.206	30.512	4.968	6.857	31.496	33.975	5.5316	1.32506	0.00019	44.8426	250.000
2.8708	10335	44.8426	26.176	37.00	41.250	2146.160	52.414	-5.206	30.513	4.968	6.856	31.496	33.975	5.5316	1.32494	0.00019	44.8428	250.000
2.8711	10336	44.8428	26.176	37.00	41.250	2146.362	52.418	-5.206	30.514	4.968	6.856	31.496	33.975	5.5316	1.32482	0.00019	44.8430	250.000
2.8714	10337	44.8430	26.176	37.00	41.250	2146.564	52.423	-5.206	30.515	4.968	6.856	31.496	33.975	5.5316	1.32470	0.00019	44.8432	250.000
2.8717	10338	44.8432	26.177	37.00	41.250	2146.766	52.428	-5.206	30.515	4.968	6.856	31.496	33.975	5.5316	1.32458	0.00019	44.8434	250.000
2.8719	10339	44.8434	26.177	37.00	41.250	2146.968	52.433	-5.206	30.516	4.968	6.856	31.496	33.975	5.5316	1.32446	0.00019	44.8436	250.000
2.8722	10340	44.8436	26.177	37.00	41.250	2147.170	52.438	-5.206	30.517	4.969	6.856	31.496	33.975	5.5316	1.32434	0.00019	44.8438	250.000
2.8725	10341	44.8438	26.177	37.00	41.250	2147.372	52.443	-5.206	30.517	4.969	6.856	31.496	33.975	5.5316	1.32422	0.00019	44.8439	250.000
2.8728	10342	44.8439	26.177	37.00	41.250	2147.574	52.448	-5.206	30.518	4.969	6.856	31.496	33.975	5.5316	1.32410	0.00019	44.8441	250.000
2.8731	10343	44.8441	26.178	37.00	41.250	2147.776	52.453	-5.206	30.519	4.969	6.856	31.496	33.975	5.5316	1.32398	0.00019	44.8443	250.000
2.8733	10344	44.8443	26.178	37.00	41.250	2147.978	52.458	-5.206	30.520	4.969	6.855	31.496	33.975	5.5316	1.32386	0.00019	44.8445	250.000
2.8736	10345	44.8445	26.178	37.00	41.250	2148.180	52.463	-5.206	30.520	4.969	6.855	31.496	33.975	5.5316	1.32374	0.00019	44.8447	250.000
2.8739	10346	44.8447	26.178	37.00	41.250	2148.382	52.468	-5.206	30.521	4.969	6.855	31.496	33.975	5.5316	1.32362	0.00019	44.8449	250.000
2.8742	10347	44.8449	26.178	37.00	41.250	2148.584	52.473	-5.206	30.522	4.969	6.855	31.496	33.975	5.5316	1.32350	0.00019	44.8451	250.000
2.8744	10348	44.8451	26.178	37.00	41.250	2148.786	52.478	-5.206	30.523	4.969	6.855	31.496	33.975	5.5316	1.32338	0.00019	44.8453	250.000
2.8747	10349	44.8453	26.179	37.00	41.250	2148.988	52.483	-5.206	30.523	4.970	6.855	31.496	33.975	5.5316	1.32326	0.00019	44.8455	250.000
2.8750	10350	44.8455	26.179	37.00	41.250	2149.190	52.488	-5.206	30.524	4.970	6.855	31.496	33.975	5.5316	1.32314	0.00019	44.8456	250.000
2.8753	10351	44.8456	26.179	37.00	41.250	2149.392	52.492	-5.206	30.525	4.970	6.855	31.496	33.975	5.5316	1.32302	0.00019	44.8458	250.000
2.8756	10352	44.8458	26.179	37.00	41.250	2149.594	52.497	-5.206	30.526	4.970	6.854	31.496	33.975	5.5316	1.32290	0.00019	44.8460	250.000
2.8758	10353	44.8460	26.179	37.00	41.250	2149.796	52.502	-5.206	30.526	4.970	6.854	31.496	33.975	5.5316	1.32278	0.00019	44.8462	250.000
2.8761	10354	44.8462	26.180	37.00	41.250	2149.998	52.507	-5.206	30.527	4.970	6.854	31.496	33.975	5.5316	1.32266	0.00019	44.8464	250.000
2.8764	10355	44.8464	26.180	37.00	41.250	2150.200	52.512	-5.206	30.528	4.970	6.854	31.496	33.975	5.5316	1.32254	0.00019	44.8466	250.000
2.8767	10356	44.8466	26.180	37.00	41.250	2150.402	52.517	-5.206	30.529	4.970	6.854	31.496	33.975	5.5316	1.32242	0.00019	44.8468	250.000
2.8769	10357	44.8468	26.180	37.00	41.250	2150.605	52.522	-5.206	30.529	4.971	6.854	31.496	33.975	5.5316	1.32230	0.00019	44.8470	250.000
2.8772	10358	44.8470	26.180	37.00	41.250	2150.807	52.527	-5.206	30.530	4.971	6.854	31.496	33.975	5.5316	1.32218	0.00019	44.8472	250.000
2.8775	10359	44.8472	26.181	37.00	41.250	2151.009	52.532	-5.206	30.531	4.971	6.854	31.496	33.975	5.5316	1.32206	0.00019	44.8473	250.000
2.8778	10360	44.8473	26.181	37.00	41.250	2151.211	52.537	-5.206	30.531	4.971	6.853	31.496	33.975	5.5316	1.32195	0.00019	44.8475	250.000
2.8781	10361	44.8475	26.181	37.00	41.250	2151.413	52.542	-5.206	30.532	4.971	6.853	31.496	33.975	5.5316	1.32183	0.00019	44.8477	250.000
2.8783	10362	44.8477	26.181	37.00	41.250	2151.615	52.547	-5.206	30.533	4.971	6.853	31.496	33.975	5.5316	1.32171	0.00019	44.8479	250.000
2.8786	10363	44.8479	26.181	37.00	41.250	2151.817	52.552	-5.206	30.534	4.971	6.853	31.496	33.975	5.5316	1.32159	0.00019	44.8481	250.000
2.8789	10364	44.8481	26.181	37.00	41.250	2152.019	52.557	-5.206	30.534	4.971	6.853	31.496	33.975	5.5316	1.32147	0.00019	44.8483	250.000
2.8792	10365	44.8483	26.182	37.00	41.250	2152.221	52.562	-5.206	30.535	4.972	6.853	31.496	33.975	5.5316	1.32135	0.00019	44.8485	250.000
2.8794	10366	44.8485	26.182	37.00	41.250	2152.423	52.566	-5.206	30.536	4.972	6.853	31.496	33.975	5.5316	1.32123	0.00019	44.8487	250.000
2.8797	10367	44.8487	26.182	37.00	41.250	2152.625	52.571	-5.206	30.537	4.972	6.853	31.496	33.975	5.5316	1.32111	0.00019	44.8489	250.000
2.8800	10368	44.8489	26.182	37.00	41.250	2152.827	52.576	-5.206	30.537	4.972	6.853	31.496	33.975	5.5316	1.32099	0.00019	44.8490	250.000
2.8803	10369	44.8490	26.182	37.00	41.250	2153.029	52.581	-5.206	30.538	4.972	6.852	31.496	33.975	5.5316	1.32087	0.00019	44.8492	250.000
2.8806	10370	44.8492	26.183	37.00	41.250	2153.231	52.586	-5.206	30.539	4.972	6.852	31.496	33.975	5.5316	1.32075	0.00019	44.8494	250.000
2.8808	10371	44.8494	26.183	37.00	41.250	2153.433	52.591	-5.206	30.540	4.972	6.852	31.496	33.975	5.5316	1.32063	0.00019	44.8496	250.000
2.8811	10372	44.8496	26.183	37.00	41.250	2153.635	52.596	-5.206	30.540	4.972	6.852	31.496	33.975	5.5316	1.32051	0.00019	44.8498	250.000
2.8814	10373	44.8498	26.183	37.00	41.250	2153.837	52.601	-5.206	30.541	4.972	6.852	31.496	33.975	5.5316	1.32039	0.00019	44.8500	250.000
2.8817	10374	44.8500	26.183	37.00	41.250	2154.039	52.606	-5.206	30.542	4.973	6.852	31.496	33.975	5.5316	1.32027	0.00019	44.8502	250.000
2.8819	10375	44.8502	26.184	37.00	41.250	2154.241	52.611	-5.206	30.542	4.973	6.852	31.496	33.975	5.5316	1.32015	0.00019	44.8504	250.000
2.8822	10376	44.8504	26.184	37.00	41.250	2154.443	52.616	-5.206	30.543	4.973	6.852	31.496	33.975	5.5316	1.32003	0.00019	44.8506	250.000
2.8825	10377	44.8506	26.184	37.00	41.250	2154.645	52.621	-5.206	30.544	4.973	6.851	31.496	33.975	5.5316	1.31991	0.00019	44.8507	250.000
2.8828	10378	44.8507	26.184	37.00	41.250	2154.847	52.626	-5.206	30.545	4.973	6.851	31.496	33.975	5.5316	1.31979	0.00019	44.8509	250.000
2.8831	10379	44.8509	26.184	37.00	41.250	2155.049	52.631	-5.206	30.545	4.973	6.851	31.496	33.975	5.5316	1.31967	0.00019	44.8511	250.000
2.8833	10380	44.8511	26.185	37.00	41.250	2155.251	52.636	-5.206	30.546	4.973	6.851	31.496	33.975	5.5316	1.31955	0.00019	44.8513	250.000
2.8836	10381	44.8513	26.185	37.00	41.250	2155.453	52.640	-5.206	30.547	4.973	6.851	31.496	33.975	5.5316	1.31944	0.00019	44.8515	250.000
2.8839	10382	44.8515	26.185	37.00	41.250	2155.655	52.645	-5.206	30.548	4.974	6.851	31.496	33.975	5.5316	1.31932	0.00019	44.8517	250.000
2.8842	10383	44.8517	26.185	37.00	41.250	2155.857	52.650	-5.206	30.548	4.974	6.851	31.496	33.975	5.5316	1.31920	0.00019	44.8519	250.000
2.8844	10384	44.8519	26.185	37.00	41.250	2156.059	52.655	-5.206	30.549	4.974	6.851	31.496	33.975	5.5316	1.31908	0.00019	44.8521	250.000
2.8847	10385	44.8521	26.185	37.00	41.250	2156.261	52.660	-5.206	30.550	4.974	6.851	31.496	33.975	5.5316	1.31896	0.00019	44.8523	250.000
2.8850	10386	44.8523	26.186	37.00	41.250	2156.463	52.665	-5.206	30.551	4.974	6.850	31.496	33.975	5.5316	1.31884	0.00019	44.8524	250.000
2.8853	10387	44.8524	26.186	37.00	41.250	2156.665	52.670	-5.206	30.551	4.974	6.850	31.496	33.975	5.5316	1.31872	0.00019	44.8526	250.000
2.8856	10388	44.8526	26.186	37.00	41.250	2156.867	52.675	-5.206	30.552	4.974	6.850	31.496	33.975	5.5316	1.31860	0.00019	44.8528	250.000
2.8858	10389	44.8528	26.186	37.00	41.250	2157.069	52.680	-5.206	30.553	4.974	6.850	31.496	33.975	5.5316	1.31848	0.00019	44.8530	250.000
2.8861	10390	44.8530	26.186	37.00	41.250	2157.272	52.685	-5.206	30.553	4.975	6.850	31.496	33.975	5.5316	1.31836	0.00019	44.8532	250.000
2.8864	10391	44.8532	26.187	37.00	41.250	2157.474	52.690	-5.206	30.554	4.975	6.850	31.496	33.975	5.5316	1.31824	0.00019	44.8534	250.000
2.8867	10392	44.8534	26.187	37.00	41.250	2157.676	52.695	-5.206	30.555	4.975	6.850	31.496	33.975	5.5316	1.31812	0.00019	44.8536	250.000
2.8869	10393	44.8536	26.187	37.00	41.250	2157.878	52.700	-5.206	30.556	4.975	6.850	31.496	33.975	5.5316	1.31800	0.00019	44.8538	250.000
2.8872	10394	44.8538	26.187	37.00	41.250	2158.080	52.705	-5.206	30.556	4.975	6.849	31.496	33.975	5.5316	1.31788	0.00019	44.8539	250.000
2.8875	10395	44.8539	26.187	37.00	41.250	2158.282	52.710	-5.206	30.557	4.975	6.849	31.496	33.975	5.5316	1.31776	0.00019	44.8541	250.000
2.8878	10396	44.8541	26.188	37.00	41.250	2158.484	52.715	-5.206	30.558	4.975	6.849	31.496	33.975	5.5316	1.31765	0.00019	44.8543	250.000
2.8881	10397	44.8543	26.188	37.00	41.250	2158.686	52.719	-5.206	30.559	4.975	6.849	31.496	33.975	5.5316	1.31753	0.00019	44.8545	250.000
2.8883	10398	44.8545	26.188	37.00	41.250	2158.888	52.724	-5.206	30.559	4.975	6.849	31.496	33.975	5.5316	1.31741	0.00019	44.8547	250.000
2.8886	10399	44.8547	26.188	37.00	41.250	2159.090	52.729	-5.206	30.560	4.976	6.849	31.496	33.975	5.5316	1.31729	0.00019	44.8549	250.000
2.8889	10400	44.8549	26.188	37.00	41.250	2159.292	52.734	-5.206	30.561	4.976	6.849	31.496	33.975	5.5316	1.31717	0.00019	44.8551	250.000
2.8892	10401	44.8551	26.188	37.00	41.250	2159.494	52.739	-5.206	30.562	4.976	6.849	31.496	33.975	5.5316	1.31705	0.00019	44.8553	250.000
2.8894	10402	44.8553	26.189	37.00	41.250	2159.696	52.744	-5.206	30.562	4.976	6.848	31.496	33.975	5.5316	1.31693	0.00019	44.8555	250.000
2.8897	10403	44.8555	26.189	37.00	41.250	2159.898	52.749	-5.206	30.563	4.976	6.848	31.496	33.975	5.5316	1.31681	0.00019	44.8556	250.000
2.8900	10404	44.8556	26.189	37.00	41.250	2160.100	52.754	-5.206	30.564	4.976	6.848	31.496	33.975	5.5316	1.31669	0.00019	44.8558	250.000
2.8903	10405	44.8558	26.189	37.00	41.250	2160.302	52.759	-5.206	30.564	4.976	6.848	31.496	33.975	5.5316	1.31657	0.00019	44.8560	250.000
2.8906	10406	44.8560	26.189	37.00	41.250	2160.504	52.764	-5.206	30.565	4.976	6.848	31.496	33.975	5.5316	1.31645	0.00019	44.8562	250.000
2.8908	10407	44.8562	26.190	37.00	41.250	2160.706	52.769	-5.206	30.566	4.977	6.848	31.496	33.975	5.5316	1.31633	0.00019	44.8564	250.000
2.8911	10408	44.8564	26.190	37.00	41.250	2160.908	52.774	-5.206	30.567	4.977	6.848	31.496	33.975	5.5316	1.31622	0.00019	44.8566	250.000
2.8914	10409	44.8566	26.190	37.00	41.250	2161.110	52.779	-5.206	30.567	4.977	6.848	31.496	33.975	5.5316	1.31610	0.00019	44.8568	250.000
2.8917	10410	44.8568	26.190	37.00	41.250	2161.312	52.784	-5.206	30.568	4.977	6.848	31.496	33.975	5.5316	1.31598	0.00019	44.8570	250.000
2.8919	10411	44.8570	26.190	37.00	41.250	2161.514	52.789	-5.206	30.569	4.977	6.847	31.496	33.975	5.5316	1.31586	0.00019	44.8571	250.000
2.8922	10412	44.8571	26.191	37.00	41.250	2161.716	52.793	-5.206	30.570	4.977	6.847	31.496	33.975	5.5316	1.31574	0.00019	44.8573	250.000
2.8925	10413	44.8573	26.191	37.00	41.250	2161.918	52.798	-5.206	30.570	4.977	6.847	31.496	33.975	5.5316	1.31562	0.00019	44.8575	250.000
2.8928	10414	44.8575	26.191	37.00	41.250	2162.120	52.803	-5.206	30.571	4.977	6.847	31.496	33.975	5.5316	1.31550	0.00019	44.8577	250.000

2.8931	10415	44.8577	26.191	37.00	41.250	2162.322	52.808	-5.206	30.572	4.977	6.847	31.496	33.975	5.5316	1.31538	0.00019	44.8579	250.000
2.8933	10416	44.8579	26.191	37.00	41.250	2162.524	52.813	-5.206	30.573	4.978	6.847	31.496	33.975	5.5316	1.31526	0.00019	44.8581	250.000
2.8936	10417	44.8581	26.191	37.00	41.250	2162.726	52.818	-5.206	30.573	4.978	6.847	31.496	33.975	5.5316	1.31514	0.00019	44.8583	250.000
2.8939	10418	44.8583	26.192	37.00	41.250	2162.928	52.823	-5.206	30.574	4.978	6.847	31.496	33.975	5.5316	1.31502	0.00019	44.8585	250.000
2.8942	10419	44.8585	26.192	37.00	41.250	2163.130	52.828	-5.206	30.575	4.978	6.846	31.496	33.975	5.5316	1.31491	0.00019	44.8586	250.000
2.8944	10420	44.8586	26.192	37.00	41.250	2163.332	52.833	-5.206	30.575	4.978	6.846	31.496	33.975	5.5316	1.31479	0.00019	44.8588	250.000
2.8947	10421	44.8588	26.192	37.00	41.250	2163.534	52.838	-5.206	30.576	4.978	6.846	31.496	33.975	5.5316	1.31467	0.00019	44.8590	250.000
2.8950	10422	44.8590	26.192	37.00	41.250	2163.736	52.843	-5.206	30.577	4.978	6.846	31.496	33.975	5.5316	1.31455	0.00019	44.8592	250.000
2.8953	10423	44.8592	26.193	37.00	41.250	2163.938	52.848	-5.206	30.578	4.978	6.846	31.496	33.975	5.5316	1.31443	0.00019	44.8594	250.000
2.8956	10424	44.8594	26.193	37.00	41.250	2164.141	52.853	-5.206	30.578	4.979	6.846	31.496	33.975	5.5316	1.31431	0.00019	44.8596	250.000
2.8958	10425	44.8596	26.193	37.00	41.250	2164.343	52.858	-5.206	30.579	4.979	6.846	31.496	33.975	5.5316	1.31419	0.00019	44.8598	250.000
2.8961	10426	44.8598	26.193	37.00	41.250	2164.545	52.863	-5.206	30.580	4.979	6.846	31.496	33.975	5.5316	1.31407	0.00019	44.8600	250.000
2.8964	10427	44.8600	26.193	37.00	41.250	2164.747	52.867	-5.206	30.581	4.979	6.846	31.496	33.975	5.5316	1.31395	0.00019	44.8602	250.000
2.8967	10428	44.8602	26.194	37.00	41.250	2164.949	52.872	-5.206	30.581	4.979	6.845	31.496	33.975	5.5316	1.31384	0.00019	44.8603	250.000
2.8969	10429	44.8603	26.194	37.00	41.250	2165.151	52.877	-5.206	30.582	4.979	6.845	31.496	33.975	5.5316	1.31372	0.00019	44.8605	250.000
2.8972	10430	44.8605	26.194	37.00	41.250	2165.353	52.882	-5.206	30.583	4.979	6.845	31.496	33.975	5.5316	1.31360	0.00019	44.8607	250.000
2.8975	10431	44.8607	26.194	37.00	41.250	2165.555	52.887	-5.206	30.583	4.979	6.845	31.496	33.975	5.5316	1.31348	0.00019	44.8609	250.000
2.8978	10432	44.8609	26.194	37.00	41.250	2165.757	52.892	-5.206	30.584	4.980	6.845	31.496	33.975	5.5316	1.31336	0.00019	44.8611	250.000
2.8981	10433	44.8611	26.194	37.00	41.250	2165.959	52.897	-5.206	30.585	4.980	6.845	31.496	33.975	5.5316	1.31324	0.00019	44.8613	250.000
2.8983	10434	44.8613	26.195	37.00	41.250	2166.161	52.902	-5.206	30.586	4.980	6.845	31.496	33.975	5.5316	1.31312	0.00019	44.8615	250.000
2.8986	10435	44.8615	26.195	37.00	41.250	2166.363	52.907	-5.206	30.586	4.980	6.845	31.496	33.975	5.5316	1.31300	0.00019	44.8617	250.000
2.8989	10436	44.8617	26.195	37.00	41.250	2166.565	52.912	-5.206	30.587	4.980	6.844	31.496	33.975	5.5316	1.31288	0.00019	44.8618	250.000
2.8992	10437	44.8618	26.195	37.00	41.250	2166.767	52.917	-5.206	30.588	4.980	6.844	31.496	33.975	5.5316	1.31277	0.00019	44.8620	250.000
2.8994	10438	44.8620	26.195	37.00	41.250	2166.969	52.922	-5.206	30.589	4.980	6.844	31.496	33.975	5.5316	1.31265	0.00019	44.8622	250.000
2.8997	10439	44.8622	26.196	37.00	41.250	2167.171	52.927	-5.206	30.589	4.980	6.844	31.496	33.975	5.5316	1.31253	0.00019	44.8624	250.000
2.9000	10440	44.8624	26.196	37.00	41.250	2167.373	52.932	-5.206	30.590	4.980	6.844	31.496	33.975	5.5316	1.31241	0.00019	44.8626	250.000
2.9003	10441	44.8626	26.196	37.00	41.250	2167.575	52.937	-5.206	30.591	4.981	6.844	31.496	33.975	5.5316	1.31229	0.00019	44.8628	250.000
2.9006	10442	44.8628	26.196	37.00	41.250	2167.777	52.941	-5.206	30.591	4.981	6.844	31.496	33.975	5.5316	1.31217	0.00019	44.8630	250.000
2.9008	10443	44.8630	26.196	37.00	41.250	2167.979	52.946	-5.206	30.592	4.981	6.844	31.496	33.975	5.5316	1.31205	0.00019	44.8632	250.000
2.9011	10444	44.8632	26.197	37.00	41.250	2168.181	52.951	-5.206	30.593	4.981	6.843	31.496	33.975	5.5316	1.31193	0.00019	44.8633	250.000
2.9014	10445	44.8633	26.197	37.00	41.250	2168.383	52.956	-5.206	30.594	4.981	6.843	31.496	33.975	5.5316	1.31182	0.00019	44.8635	250.000
2.9017	10446	44.8635	26.197	37.00	41.250	2168.585	52.961	-5.206	30.594	4.981	6.843	31.496	33.975	5.5316	1.31170	0.00019	44.8637	250.000
2.9019	10447	44.8637	26.197	37.00	41.250	2168.787	52.966	-5.206	30.595	4.981	6.843	31.496	33.975	5.5316	1.31158	0.00019	44.8639	250.000
2.9022	10448	44.8639	26.197	37.00	41.250	2168.989	52.971	-5.206	30.596	4.981	6.843	31.496	33.975	5.5316	1.31146	0.00019	44.8641	250.000
2.9025	10449	44.8641	26.197	37.00	41.250	2169.191	52.976	-5.206	30.597	4.982	6.843	31.496	33.975	5.5316	1.31134	0.00019	44.8643	250.000
2.9028	10450	44.8643	26.198	37.00	41.250	2169.393	52.981	-5.206	30.597	4.982	6.843	31.496	33.975	5.5316	1.31122	0.00019	44.8645	250.000
2.9031	10451	44.8645	26.198	37.00	41.250	2169.595	52.986	-5.206	30.598	4.982	6.843	31.496	33.975	5.5316	1.31110	0.00019	44.8647	250.000
2.9033	10452	44.8647	26.198	37.00	41.250	2169.797	52.991	-5.206	30.599	4.982	6.843	31.496	33.975	5.5316	1.31098	0.00019	44.8648	250.000
2.9036	10453	44.8648	26.198	37.00	41.250	2169.999	52.996	-5.206	30.600	4.982	6.842	31.496	33.975	5.5316	1.31087	0.00019	44.8650	250.000
2.9039	10454	44.8650	26.198	37.00	41.250	2170.201	53.001	-5.206	30.600	4.982	6.842	31.496	33.975	5.5316	1.31075	0.00019	44.8652	250.000
2.9042	10455	44.8652	26.199	37.00	41.250	2170.403	53.006	-5.206	30.601	4.982	6.842	31.496	33.975	5.5316	1.31063	0.00019	44.8654	250.000
2.9044	10456	44.8654	26.199	37.00	41.250	2170.605	53.011	-5.206	30.602	4.982	6.842	31.496	33.975	5.5316	1.31051	0.00019	44.8656	250.000
2.9047	10457	44.8656	26.199	37.00	41.250	2170.808	53.015	-5.206	30.602	4.982	6.842	31.496	33.975	5.5316	1.31039	0.00019	44.8658	250.000
2.9050	10458	44.8658	26.199	37.00	41.250	2171.010	53.020	-5.206	30.603	4.983	6.842	31.496	33.975	5.5316	1.31027	0.00019	44.8660	250.000
2.9053	10459	44.8660	26.199	37.00	41.250	2171.212	53.025	-5.206	30.604	4.983	6.842	31.496	33.975	5.5316	1.31015	0.00019	44.8661	250.000
2.9056	10460	44.8661	26.200	37.00	41.250	2171.414	53.030	-5.206	30.605	4.983	6.842	31.496	33.975	5.5316	1.31004	0.00019	44.8663	250.000
2.9058	10461	44.8663	26.200	37.00	41.250	2171.616	53.035	-5.206	30.605	4.983	6.841	31.496	33.975	5.5316	1.30992	0.00019	44.8665	250.000
2.9061	10462	44.8665	26.200	37.00	41.250	2171.818	53.040	-5.206	30.606	4.983	6.841	31.496	33.975	5.5316	1.30980	0.00019	44.8667	250.000
2.9064	10463	44.8667	26.200	37.00	41.250	2172.020	53.045	-5.206	30.607	4.983	6.841	31.496	33.975	5.5316	1.30968	0.00019	44.8669	250.000
2.9067	10464	44.8669	26.200	37.00	41.250	2172.222	53.050	-5.206	30.608	4.983	6.841	31.496	33.975	5.5316	1.30956	0.00019	44.8671	250.000
2.9069	10465	44.8671	26.200	37.00	41.250	2172.424	53.055	-5.206	30.608	4.983	6.841	31.496	33.975	5.5316	1.30944	0.00019	44.8673	250.000
2.9072	10466	44.8673	26.201	37.00	41.250	2172.626	53.060	-5.206	30.609	4.984	6.841	31.496	33.975	5.5316	1.30932	0.00019	44.8675	250.000
2.9075	10467	44.8675	26.201	37.00	41.250	2172.828	53.065	-5.206	30.610	4.984	6.841	31.496	33.975	5.5316	1.30921	0.00019	44.8676	250.000
2.9078	10468	44.8676	26.201	37.00	41.250	2173.030	53.070	-5.206	30.610	4.984	6.841	31.496	33.975	5.5316	1.30909	0.00019	44.8678	250.000
2.9081	10469	44.8678	26.201	37.00	41.250	2173.232	53.075	-5.206	30.611	4.984	6.841	31.496	33.975	5.5316	1.30897	0.00019	44.8680	250.000
2.9083	10470	44.8680	26.201	37.00	41.250	2173.434	53.080	-5.206	30.612	4.984	6.840	31.496	33.975	5.5316	1.30885	0.00019	44.8682	250.000
2.9086	10471	44.8682	26.202	37.00	41.250	2173.636	53.085	-5.206	30.613	4.984	6.840	31.496	33.975	5.5316	1.30873	0.00019	44.8684	250.000
2.9089	10472	44.8684	26.202	37.00	41.250	2173.838	53.089	-5.206	30.613	4.984	6.840	31.496	33.975	5.5316	1.30861	0.00019	44.8686	250.000
2.9092	10473	44.8686	26.202	37.00	41.250	2174.040	53.094	-5.206	30.614	4.984	6.840	31.496	33.975	5.5316	1.30850	0.00019	44.8688	250.000
2.9094	10474	44.8688	26.202	37.00	41.250	2174.242	53.099	-5.206	30.615	4.984	6.840	31.496	33.975	5.5316	1.30838	0.00019	44.8690	250.000
2.9097	10475	44.8690	26.202	37.00	41.250	2174.444	53.104	-5.206	30.616	4.985	6.840	31.496	33.975	5.5316	1.30826	0.00019	44.8691	250.000
2.9100	10476	44.8691	26.203	37.00	41.250	2174.646	53.109	-5.206	30.616	4.985	6.840	31.496	33.975	5.5316	1.30814	0.00019	44.8693	250.000
2.9103	10477	44.8693	26.203	37.00	41.250	2174.848	53.114	-5.206	30.617	4.985	6.840	31.496	33.975	5.5316	1.30802	0.00019	44.8695	250.000
2.9106	10478	44.8695	26.203	37.00	41.250	2175.050	53.119	-5.206	30.618	4.985	6.839	31.496	33.975	5.5316	1.30790	0.00019	44.8697	250.000
2.9108	10479	44.8697	26.203	37.00	41.250	2175.252	53.124	-5.206	30.618	4.985	6.839	31.496	33.975	5.5316	1.30779	0.00019	44.8699	250.000
2.9111	10480	44.8699	26.203	37.00	41.250	2175.454	53.129	-5.206	30.619	4.985	6.839	31.496	33.975	5.5316	1.30767	0.00019	44.8701	250.000
2.9114	10481	44.8701	26.203	37.00	41.250	2175.656	53.134	-5.206	30.620	4.985	6.839	31.496	33.975	5.5316	1.30755	0.00019	44.8703	250.000
2.9117	10482	44.8703	26.204	37.00	41.250	2175.858	53.139	-5.206	30.621	4.985	6.839	31.496	33.975	5.5316	1.30743	0.00019	44.8704	250.000
2.9119	10483	44.8704	26.204	37.00	41.250	2176.060	53.144	-5.206	30.621	4.986	6.839	31.496	33.975	5.5316	1.30731	0.00019	44.8706	250.000
2.9122	10484	44.8706	26.204	37.00	41.250	2176.262	53.149	-5.206	30.622	4.986	6.839	31.496	33.975	5.5316	1.30719	0.00019	44.8708	250.000
2.9125	10485	44.8708	26.204	37.00	41.250	2176.464	53.154	-5.206	30.623	4.986	6.839	31.496	33.975	5.5316	1.30708	0.00019	44.8710	250.000
2.9128	10486	44.8710	26.204	37.00	41.250	2176.666	53.159	-5.206	30.624	4.986	6.839	31.496	33.975	5.5316	1.30696	0.00019	44.8712	250.000
2.9131	10487	44.8712	26.205	37.00	41.250	2176.868	53.163	-5.206	30.624	4.986	6.838	31.496	33.975	5.5316	1.30684	0.00019	44.8714	250.000
2.9133	10488	44.8714	26.205	37.00	41.250	2177.070	53.168	-5.206	30.625	4.986	6.838	31.496	33.975	5.5316	1.30672	0.00019	44.8716	250.000
2.9136	10489	44.8716	26.205	37.00	41.250	2177.272	53.173	-5.206	30.626	4.986	6.838	31.496	33.975	5.5316	1.30660	0.00019	44.8718	250.000
2.9139	10490	44.8718	26.205	37.00	41.250	2177.475	53.178	-5.206	30.626	4.986	6.838	31.496	33.975	5.5316	1.30648	0.00019	44.8719	250.000
2.9142	10491	44.8719	26.205	37.00	41.250	2177.677	53.183	-5.206	30.627	4.987	6.838	31.496	33.975	5.5316	1.30637	0.00019	44.8721	250.000
2.9144	10492	44.8721	26.206	37.00	41.250	2177.879	53.188	-5.206	30.628	4.987	6.838	31.496	33.975	5.5316	1.30625	0.00019	44.8723	250.000
2.9147	10493	44.8723	26.206	37.00	41.250	2178.081	53.193	-5.206	30.629	4.987	6.838	31.496	33.975	5.5316	1.30613	0.00019	44.8725	250.000
2.9150	10494	44.8725	26.206	37.00	41.250	2178.283	53.198	-5.206	30.629	4.987	6.838	31.496	33.975	5.5316	1.30601	0.00019	44.8727	250.000
2.9153	10495	44.8727	26.206	37.00	41.250	2178.485	53.203	-5.206	30.630	4.987	6.837	31.496	33.975	5.5316	1.30589	0.00019	44.8729	250.000

2.9156	10496	44.8729	26.206	37.00	41.250	2178.687	53.208	-5.206	30.631	4.987	6.837	31.496	33.975	5.5316	1.30577	0.00019	44.8731	250.000
2.9158	10497	44.8731	26.206	37.00	41.250	2178.889	53.213	-5.206	30.632	4.987	6.837	31.496	33.975	5.5316	1.30566	0.00019	44.8732	250.000
2.9161	10498	44.8732	26.207	37.00	41.250	2179.091	53.218	-5.206	30.632	4.987	6.837	31.496	33.975	5.5316	1.30554	0.00019	44.8734	250.000
2.9164	10499	44.8734	26.207	37.00	41.250	2179.293	53.223	-5.206	30.633	4.987	6.837	31.496	33.975	5.5316	1.30542	0.00019	44.8736	250.000
2.9167	10500	44.8736	26.207	37.00	41.250	2179.495	53.228	-5.206	30.634	4.988	6.837	31.496	33.975	5.5316	1.30530	0.00019	44.8738	250.000
2.9169	10501	44.8738	26.207	37.00	41.250	2179.697	53.233	-5.206	30.634	4.988	6.837	31.496	33.975	5.5316	1.30518	0.00019	44.8740	250.000
2.9172	10502	44.8740	26.207	37.00	41.250	2179.899	53.238	-5.206	30.635	4.988	6.837	31.496	33.975	5.5316	1.30507	0.00019	44.8742	250.000
2.9175	10503	44.8742	26.208	37.00	41.250	2180.101	53.242	-5.206	30.636	4.988	6.837	31.496	33.975	5.5316	1.30495	0.00019	44.8744	250.000
2.9178	10504	44.8744	26.208	37.00	41.250	2180.303	53.247	-5.206	30.637	4.988	6.836	31.496	33.975	5.5316	1.30483	0.00019	44.8746	250.000
2.9181	10505	44.8746	26.208	37.00	41.250	2180.505	53.252	-5.206	30.637	4.988	6.836	31.496	33.975	5.5316	1.30471	0.00019	44.8747	250.000
2.9183	10506	44.8747	26.208	37.00	41.250	2180.707	53.257	-5.206	30.638	4.988	6.836	31.496	33.975	5.5316	1.30459	0.00019	44.8749	250.000
2.9186	10507	44.8749	26.208	37.00	41.250	2180.909	53.262	-5.206	30.639	4.988	6.836	31.496	33.975	5.5316	1.30448	0.00019	44.8751	250.000
2.9189	10508	44.8751	26.209	37.00	41.250	2181.111	53.267	-5.206	30.639	4.989	6.836	31.496	33.975	5.5316	1.30436	0.00019	44.8753	250.000
2.9192	10509	44.8753	26.209	37.00	41.250	2181.313	53.272	-5.206	30.640	4.989	6.836	31.496	33.975	5.5316	1.30424	0.00019	44.8755	250.000
2.9194	10510	44.8755	26.209	37.00	41.250	2181.515	53.277	-5.206	30.641	4.989	6.836	31.496	33.975	5.5316	1.30412	0.00019	44.8757	250.000
2.9197	10511	44.8757	26.209	37.00	41.250	2181.717	53.282	-5.206	30.642	4.989	6.836	31.496	33.975	5.5316	1.30400	0.00019	44.8759	250.000
2.9200	10512	44.8759	26.209	37.00	41.250	2181.919	53.287	-5.206	30.642	4.989	6.835	31.496	33.975	5.5316	1.30389	0.00019	44.8760	250.000
2.9203	10513	44.8760	26.209	37.00	41.250	2182.121	53.292	-5.206	30.643	4.989	6.835	31.496	33.975	5.5316	1.30377	0.00019	44.8762	250.000
2.9206	10514	44.8762	26.210	37.00	41.250	2182.323	53.297	-5.206	30.644	4.989	6.835	31.496	33.975	5.5316	1.30365	0.00019	44.8764	250.000
2.9208	10515	44.8764	26.210	37.00	41.250	2182.525	53.302	-5.206	30.645	4.989	6.835	31.496	33.975	5.5316	1.30353	0.00019	44.8766	250.000
2.9211	10516	44.8766	26.210	37.00	41.250	2182.727	53.307	-5.206	30.645	4.989	6.835	31.496	33.975	5.5316	1.30341	0.00019	44.8768	250.000
2.9214	10517	44.8768	26.210	37.00	41.250	2182.929	53.312	-5.206	30.646	4.990	6.835	31.496	33.975	5.5316	1.30330	0.00019	44.8770	250.000
2.9217	10518	44.8770	26.210	37.00	41.250	2183.131	53.316	-5.206	30.647	4.990	6.835	31.496	33.975	5.5316	1.30318	0.00019	44.8772	250.000
2.9219	10519	44.8772	26.211	37.00	41.250	2183.333	53.321	-5.206	30.647	4.990	6.835	31.496	33.975	5.5316	1.30306	0.00019	44.8773	250.000
2.9222	10520	44.8773	26.211	37.00	41.250	2183.535	53.326	-5.206	30.648	4.990	6.834	31.496	33.975	5.5316	1.30294	0.00019	44.8775	250.000
2.9225	10521	44.8775	26.211	37.00	41.250	2183.737	53.331	-5.206	30.649	4.990	6.834	31.496	33.975	5.5316	1.30282	0.00019	44.8777	250.000
2.9228	10522	44.8777	26.211	37.00	41.250	2183.939	53.336	-5.206	30.650	4.990	6.834	31.496	33.975	5.5316	1.30271	0.00019	44.8779	250.000
2.9231	10523	44.8779	26.211	37.00	41.250	2184.141	53.341	-5.206	30.650	4.990	6.834	31.496	33.975	5.5316	1.30259	0.00019	44.8781	250.000
2.9233	10524	44.8781	26.211	37.00	41.250	2184.344	53.346	-5.206	30.651	4.990	6.834	31.496	33.975	5.5316	1.30247	0.00019	44.8783	250.000
2.9236	10525	44.8783	26.212	37.00	41.250	2184.546	53.351	-5.206	30.652	4.991	6.834	31.496	33.975	5.5316	1.30235	0.00019	44.8785	250.000
2.9239	10526	44.8785	26.212	37.00	41.250	2184.748	53.356	-5.206	30.653	4.991	6.834	31.496	33.975	5.5316	1.30223	0.00019	44.8787	250.000
2.9242	10527	44.8787	26.212	37.00	41.250	2184.950	53.361	-5.206	30.653	4.991	6.834	31.496	33.975	5.5316	1.30212	0.00019	44.8788	250.000
2.9244	10528	44.8788	26.212	37.00	41.250	2185.152	53.366	-5.206	30.654	4.991	6.834	31.496	33.975	5.5316	1.30200	0.00019	44.8790	250.000
2.9247	10529	44.8790	26.212	37.00	41.250	2185.354	53.371	-5.206	30.655	4.991	6.833	31.496	33.975	5.5316	1.30188	0.00019	44.8792	250.000
2.9250	10530	44.8792	26.213	37.00	41.250	2185.556	53.376	-5.206	30.655	4.991	6.833	31.496	33.975	5.5316	1.30176	0.00019	44.8794	250.000
2.9253	10531	44.8794	26.213	37.00	41.250	2185.758	53.381	-5.206	30.656	4.991	6.833	31.496	33.975	5.5316	1.30165	0.00019	44.8796	250.000
2.9256	10532	44.8796	26.213	37.00	41.250	2185.960	53.386	-5.206	30.657	4.991	6.833	31.496	33.975	5.5316	1.30153	0.00019	44.8798	250.000
2.9258	10533	44.8798	26.213	37.00	41.250	2186.162	53.390	-5.206	30.658	4.991	6.833	31.496	33.975	5.5316	1.30141	0.00019	44.8800	250.000
2.9261	10534	44.8800	26.213	37.00	41.250	2186.364	53.395	-5.206	30.658	4.992	6.833	31.496	33.975	5.5316	1.30129	0.00019	44.8801	250.000
2.9264	10535	44.8801	26.214	37.00	41.250	2186.566	53.400	-5.206	30.659	4.992	6.833	31.496	33.975	5.5316	1.30117	0.00019	44.8803	250.000
2.9267	10536	44.8803	26.214	37.00	41.250	2186.768	53.405	-5.206	30.660	4.992	6.833	31.496	33.975	5.5316	1.30106	0.00019	44.8805	250.000
2.9269	10537	44.8805	26.214	37.00	41.250	2186.970	53.410	-5.206	30.660	4.992	6.832	31.496	33.975	5.5316	1.30094	0.00019	44.8807	250.000
2.9272	10538	44.8807	26.214	37.00	41.250	2187.172	53.415	-5.206	30.661	4.992	6.832	31.496	33.975	5.5316	1.30082	0.00019	44.8809	250.000
2.9275	10539	44.8809	26.214	37.00	41.250	2187.374	53.420	-5.206	30.662	4.992	6.832	31.496	33.975	5.5316	1.30070	0.00019	44.8811	250.000
2.9278	10540	44.8811	26.214	37.00	41.250	2187.576	53.425	-5.206	30.663	4.992	6.832	31.496	33.975	5.5316	1.30059	0.00019	44.8813	250.000
2.9281	10541	44.8813	26.215	37.00	41.250	2187.778	53.430	-5.206	30.663	4.992	6.832	31.496	33.975	5.5316	1.30047	0.00019	44.8814	250.000
2.9283	10542	44.8814	26.215	37.00	41.250	2187.980	53.435	-5.206	30.664	4.993	6.832	31.496	33.975	5.5316	1.30035	0.00019	44.8816	250.000
2.9286	10543	44.8816	26.215	37.00	41.250	2188.182	53.440	-5.206	30.665	4.993	6.832	31.496	33.975	5.5316	1.30023	0.00019	44.8818	250.000
2.9289	10544	44.8818	26.215	37.00	41.250	2188.384	53.445	-5.206	30.666	4.993	6.832	31.496	33.975	5.5316	1.30012	0.00019	44.8820	250.000
2.9292	10545	44.8820	26.215	37.00	41.250	2188.586	53.450	-5.206	30.666	4.993	6.832	31.496	33.975	5.5316	1.30000	0.00019	44.8822	250.000
2.9294	10546	44.8822	26.216	37.00	41.250	2188.788	53.455	-5.206	30.667	4.993	6.831	31.496	33.975	5.5316	1.29988	0.00019	44.8824	250.000
2.9297	10547	44.8824	26.216	37.00	41.250	2188.990	53.460	-5.206	30.668	4.993	6.831	31.496	33.975	5.5316	1.29976	0.00019	44.8826	250.000
2.9300	10548	44.8826	26.216	37.00	41.250	2189.192	53.464	-5.206	30.668	4.993	6.831	31.496	33.975	5.5316	1.29964	0.00019	44.8827	250.000
2.9303	10549	44.8827	26.216	37.00	41.250	2189.394	53.469	-5.206	30.669	4.993	6.831	31.496	33.975	5.5316	1.29953	0.00019	44.8829	250.000
2.9306	10550	44.8829	26.216	37.00	41.250	2189.596	53.474	-5.206	30.670	4.993	6.831	31.496	33.975	5.5316	1.29941	0.00019	44.8831	250.000
2.9308	10551	44.8831	26.216	37.00	41.250	2189.798	53.479	-5.206	30.671	4.994	6.831	31.496	33.975	5.5316	1.29929	0.00019	44.8833	250.000
2.9311	10552	44.8833	26.217	37.00	41.250	2190.000	53.484	-5.206	30.671	4.994	6.831	31.496	33.975	5.5316	1.29917	0.00019	44.8835	250.000
2.9314	10553	44.8835	26.217	37.00	41.250	2190.202	53.489	-5.206	30.672	4.994	6.831	31.496	33.975	5.5316	1.29906	0.00019	44.8837	250.000
2.9317	10554	44.8837	26.217	37.00	41.250	2190.404	53.494	-5.206	30.673	4.994	6.830	31.496	33.975	5.5316	1.29894	0.00019	44.8839	250.000
2.9319	10555	44.8839	26.217	37.00	41.250	2190.606	53.499	-5.206	30.673	4.994	6.830	31.496	33.975	5.5316	1.29882	0.00019	44.8840	250.000
2.9322	10556	44.8840	26.217	37.00	41.250	2190.808	53.504	-5.206	30.674	4.994	6.830	31.496	33.975	5.5316	1.29870	0.00019	44.8842	250.000
2.9325	10557	44.8842	26.218	37.00	41.250	2191.011	53.509	-5.206	30.675	4.994	6.830	31.496	33.975	5.5316	1.29859	0.00019	44.8844	250.000
2.9328	10558	44.8844	26.218	37.00	41.250	2191.213	53.514	-5.206	30.676	4.994	6.830	31.496	33.975	5.5316	1.29847	0.00019	44.8846	250.000
2.9331	10559	44.8846	26.218	37.00	41.250	2191.415	53.519	-5.206	30.676	4.995	6.830	31.496	33.975	5.5316	1.29835	0.00019	44.8848	250.000
2.9333	10560	44.8848	26.218	37.00	41.250	2191.617	53.524	-5.206	30.677	4.995	6.830	31.496	33.975	5.5316	1.29823	0.00019	44.8850	250.000
2.9336	10561	44.8850	26.218	37.00	41.250	2191.819	53.529	-5.206	30.678	4.995	6.830	31.496	33.975	5.5316	1.29812	0.00019	44.8852	250.000
2.9339	10562	44.8852	26.219	37.00	41.250	2192.021	53.534	-5.206	30.679	4.995	6.830	31.496	33.975	5.5316	1.29800	0.00019	44.8853	250.000
2.9342	10563	44.8853	26.219	37.00	41.250	2192.223	53.538	-5.206	30.679	4.995	6.829	31.496	33.975	5.5316	1.29788	0.00019	44.8855	250.000
2.9344	10564	44.8855	26.219	37.00	41.250	2192.425	53.543	-5.206	30.680	4.995	6.829	31.496	33.975	5.5316	1.29776	0.00019	44.8857	250.000
2.9347	10565	44.8857	26.219	37.00	41.250	2192.627	53.548	-5.206	30.681	4.995	6.829	31.496	33.975	5.5316	1.29765	0.00019	44.8859	250.000
2.9350	10566	44.8859	26.219	37.00	41.250	2192.829	53.553	-5.206	30.681	4.995	6.829	31.496	33.975	5.5316	1.29753	0.00019	44.8861	250.000
2.9353	10567	44.8861	26.219	37.00	41.250	2193.031	53.558	-5.206	30.682	4.995	6.829	31.496	33.975	5.5316	1.29741	0.00019	44.8863	250.000
2.9356	10568	44.8863	26.220	37.00	41.250	2193.233	53.563	-5.206	30.683	4.996	6.829	31.496	33.975	5.5316	1.29729	0.00019	44.8864	250.000
2.9358	10569	44.8864	26.220	37.00	41.250	2193.435	53.568	-5.206	30.684	4.996	6.829	31.496	33.975	5.5316	1.29718	0.00019	44.8866	250.000
2.9361	10570	44.8866	26.220	37.00	41.250	2193.637	53.573	-5.206	30.684	4.996	6.829	31.496	33.975	5.5316	1.29706	0.00019	44.8868	250.000
2.9364	10571	44.8868	26.220	37.00	41.250	2193.839	53.578	-5.206	30.685	4.996	6.828	31.496	33.975	5.5316	1.29694	0.00019	44.8870	250.000
2.9367	10572	44.8870	26.220	37.00	41.250	2194.041	53.583	-5.206	30.686	4.996	6.828	31.496	33.975	5.5316	1.29682	0.00019	44.8872	250.000
2.9369	10573	44.8872	26.221	37.00	41.250	2194.243	53.588	-5.206	30.686	4.996	6.828	31.496	33.975	5.5316	1.29671	0.00019	44.8874	250.000
2.9372	10574	44.8874	26.221	37.00	41.250	2194.445	53.593	-5.206	30.687	4.996	6.828	31.496	33.975	5.5316	1.29659	0.00019	44.8876	250.000
2.9375	10575	44.8876	26.221	37.00	41.250	2194.647	53.598	-5.206	30.688	4.996	6.828	31.496	33.975	5.5316	1.29647	0.00019	44.8877	250.000
2.9378	10576	44.8877	26.221	37.00	41.250	2194.849	53.603	-5.206	30.689	4.997	6.828	31.496	33.975	5.5316	1.29636	0.00019	44.8879	250.000

2.9381	10577	44.8879	26.221	37.00	41.250	2195.051	53.608	-5.206	30.689	4.997	6.828	31.496	33.975	5.5316	1.29624	0.00019	44.8881	250.000
2.9383	10578	44.8881	26.222	37.00	41.250	2195.253	53.612	-5.206	30.690	4.997	6.828	31.496	33.975	5.5316	1.29612	0.00019	44.8883	250.000
2.9386	10579	44.8883	26.222	37.00	41.250	2195.455	53.617	-5.206	30.691	4.997	6.828	31.496	33.975	5.5316	1.29600	0.00019	44.8885	250.000
2.9389	10580	44.8885	26.222	37.00	41.250	2195.657	53.622	-5.206	30.692	4.997	6.827	31.496	33.975	5.5316	1.29589	0.00019	44.8887	250.000
2.9392	10581	44.8887	26.222	37.00	41.250	2195.859	53.627	-5.206	30.692	4.997	6.827	31.496	33.975	5.5316	1.29577	0.00019	44.8889	250.000
2.9394	10582	44.8889	26.222	37.00	41.250	2196.061	53.632	-5.206	30.693	4.997	6.827	31.496	33.975	5.5316	1.29565	0.00019	44.8890	250.000
2.9397	10583	44.8890	26.222	37.00	41.250	2196.263	53.637	-5.206	30.694	4.997	6.827	31.496	33.975	5.5316	1.29553	0.00019	44.8892	250.000
2.9400	10584	44.8892	26.223	37.00	41.250	2196.465	53.642	-5.206	30.694	4.997	6.827	31.496	33.975	5.5316	1.29542	0.00019	44.8894	250.000
2.9403	10585	44.8894	26.223	37.00	41.250	2196.667	53.647	-5.206	30.695	4.998	6.827	31.496	33.975	5.5316	1.29530	0.00019	44.8896	250.000
2.9406	10586	44.8896	26.223	37.00	41.250	2196.869	53.652	-5.206	30.696	4.998	6.827	31.496	33.975	5.5316	1.29518	0.00019	44.8898	250.000
2.9408	10587	44.8898	26.223	37.00	41.250	2197.071	53.657	-5.206	30.697	4.998	6.827	31.496	33.975	5.5316	1.29507	0.00019	44.8900	250.000
2.9411	10588	44.8900	26.223	37.00	41.250	2197.273	53.662	-5.206	30.697	4.998	6.827	31.496	33.975	5.5316	1.29495	0.00018	44.8902	250.000
2.9414	10589	44.8902	26.224	37.00	41.250	2197.475	53.667	-5.206	30.698	4.998	6.826	31.496	33.975	5.5316	1.29483	0.00018	44.8903	250.000
2.9417	10590	44.8903	26.224	37.00	41.250	2197.677	53.672	-5.206	30.699	4.998	6.826	31.496	33.975	5.5316	1.29471	0.00018	44.8905	250.000
2.9419	10591	44.8905	26.224	37.00	41.250	2197.880	53.677	-5.206	30.699	4.998	6.826	31.496	33.975	5.5316	1.29460	0.00018	44.8907	250.000
2.9422	10592	44.8907	26.224	37.00	41.250	2198.082	53.682	-5.206	30.700	4.998	6.826	31.496	33.975	5.5316	1.29448	0.00018	44.8909	250.000
2.9425	10593	44.8909	26.224	37.00	41.250	2198.284	53.686	-5.206	30.701	4.999	6.826	31.496	33.975	5.5316	1.29436	0.00018	44.8911	250.000
2.9428	10594	44.8911	26.224	37.00	41.250	2198.486	53.691	-5.206	30.702	4.999	6.826	31.496	33.975	5.5316	1.29425	0.00018	44.8913	250.000
2.9431	10595	44.8913	26.225	37.00	41.250	2198.688	53.696	-5.206	30.702	4.999	6.826	31.496	33.975	5.5316	1.29413	0.00018	44.8914	250.000
2.9433	10596	44.8914	26.225	37.00	41.250	2198.890	53.701	-5.206	30.703	4.999	6.826	31.496	33.975	5.5316	1.29401	0.00018	44.8916	250.000
2.9436	10597	44.8916	26.225	37.00	41.250	2199.092	53.706	-5.206	30.704	4.999	6.825	31.496	33.975	5.5316	1.29389	0.00018	44.8918	250.000
2.9439	10598	44.8918	26.225	37.00	41.250	2199.294	53.711	-5.206	30.704	4.999	6.825	31.496	33.975	5.5316	1.29378	0.00018	44.8920	250.000
2.9442	10599	44.8920	26.225	37.00	41.250	2199.496	53.716	-5.206	30.705	4.999	6.825	31.496	33.975	5.5316	1.29366	0.00018	44.8922	250.000
2.9444	10600	44.8922	26.226	37.00	41.250	2199.698	53.721	-5.206	30.706	4.999	6.825	31.496	33.975	5.5316	1.29354	0.00018	44.8924	250.000
2.9447	10601	44.8924	26.226	37.00	41.250	2199.900	53.726	-5.206	30.707	4.999	6.825	31.496	33.975	5.5316	1.29343	0.00018	44.8926	250.000
2.9450	10602	44.8926	26.226	37.00	41.250	2200.102	53.731	-5.206	30.707	5.000	6.825	31.496	33.975	5.5316	1.29331	0.00018	44.8927	250.000
2.9453	10603	44.8927	26.226	37.00	41.250	2200.304	53.736	-5.206	30.708	5.000	6.825	31.496	33.975	5.5316	1.29319	0.00018	44.8929	250.000
2.9456	10604	44.8929	26.226	37.00	41.250	2200.506	53.741	-5.206	30.709	5.000	6.825	31.496	33.975	5.5316	1.29307	0.00018	44.8931	250.000
2.9458	10605	44.8931	26.226	37.00	41.250	2200.708	53.746	-5.206	30.709	5.000	6.825	31.496	33.975	5.5316	1.29296	0.00018	44.8933	250.000
2.9461	10606	44.8933	26.227	37.00	41.250	2200.910	53.751	-5.206	30.710	5.000	6.824	31.496	33.975	5.5316	1.29284	0.00018	44.8935	250.000
2.9464	10607	44.8935	26.227	37.00	41.250	2201.112	53.756	-5.206	30.711	5.000	6.824	31.496	33.975	5.5316	1.29272	0.00018	44.8937	250.000
2.9467	10608	44.8937	26.227	37.00	41.250	2201.314	53.761	-5.206	30.712	5.000	6.824	31.496	33.975	5.5316	1.29261	0.00018	44.8938	250.000
2.9469	10609	44.8938	26.227	37.00	41.250	2201.516	53.765	-5.206	30.712	5.000	6.824	31.496	33.975	5.5316	1.29249	0.00018	44.8940	250.000
2.9472	10610	44.8940	26.227	37.00	41.250	2201.718	53.770	-5.206	30.713	5.001	6.824	31.496	33.975	5.5316	1.29237	0.00018	44.8942	250.000
2.9475	10611	44.8942	26.228	37.00	41.250	2201.920	53.775	-5.206	30.714	5.001	6.824	31.496	33.975	5.5316	1.29226	0.00018	44.8944	250.000
2.9478	10612	44.8944	26.228	37.00	41.250	2202.122	53.780	-5.206	30.715	5.001	6.824	31.496	33.975	5.5316	1.29214	0.00018	44.8946	250.000
2.9481	10613	44.8946	26.228	37.00	41.250	2202.324	53.785	-5.206	30.715	5.001	6.824	31.496	33.975	5.5316	1.29202	0.00018	44.8948	250.000
2.9483	10614	44.8948	26.228	37.00	41.250	2202.526	53.790	-5.206	30.716	5.001	6.823	31.496	33.975	5.5316	1.29191	0.00018	44.8950	250.000
2.9486	10615	44.8950	26.228	37.00	41.250	2202.728	53.795	-5.206	30.717	5.001	6.823	31.496	33.975	5.5316	1.29179	0.00018	44.8951	250.000
2.9489	10616	44.8951	26.229	37.00	41.250	2202.930	53.800	-5.206	30.717	5.001	6.823	31.496	33.975	5.5316	1.29167	0.00018	44.8953	250.000
2.9492	10617	44.8953	26.229	37.00	41.250	2203.132	53.805	-5.206	30.718	5.001	6.823	31.496	33.975	5.5316	1.29155	0.00018	44.8955	250.000
2.9494	10618	44.8955	26.229	37.00	41.250	2203.334	53.810	-5.206	30.719	5.001	6.823	31.496	33.975	5.5316	1.29144	0.00018	44.8957	250.000
2.9497	10619	44.8957	26.229	37.00	41.250	2203.536	53.815	-5.206	30.720	5.002	6.823	31.496	33.975	5.5316	1.29132	0.00018	44.8959	250.000
2.9500	10620	44.8959	26.229	37.00	41.250	2203.738	53.820	-5.206	30.720	5.002	6.823	31.496	33.975	5.5316	1.29120	0.00018	44.8961	250.000
2.9503	10621	44.8961	26.229	37.00	41.250	2203.940	53.825	-5.206	30.721	5.002	6.823	31.496	33.975	5.5316	1.29109	0.00018	44.8962	250.000
2.9506	10622	44.8962	26.230	37.00	41.250	2204.142	53.830	-5.206	30.722	5.002	6.823	31.496	33.975	5.5316	1.29097	0.00018	44.8964	250.000
2.9508	10623	44.8964	26.230	37.00	41.250	2204.344	53.835	-5.206	30.722	5.002	6.822	31.496	33.975	5.5316	1.29085	0.00018	44.8966	250.000
2.9511	10624	44.8966	26.230	37.00	41.250	2204.547	53.839	-5.206	30.723	5.002	6.822	31.496	33.975	5.5316	1.29074	0.00018	44.8968	250.000
2.9514	10625	44.8968	26.230	37.00	41.250	2204.749	53.844	-5.206	30.724	5.002	6.822	31.496	33.975	5.5316	1.29062	0.00018	44.8970	250.000
2.9517	10626	44.8970	26.230	37.00	41.250	2204.951	53.849	-5.206	30.725	5.002	6.822	31.496	33.975	5.5316	1.29050	0.00018	44.8972	250.000
2.9519	10627	44.8972	26.231	37.00	41.250	2205.153	53.854	-5.206	30.725	5.002	6.822	31.496	33.975	5.5316	1.29039	0.00018	44.8974	250.000
2.9522	10628	44.8974	26.231	37.00	41.250	2205.355	53.859	-5.206	30.726	5.003	6.822	31.496	33.975	5.5316	1.29027	0.00018	44.8975	250.000
2.9525	10629	44.8975	26.231	37.00	41.250	2205.557	53.864	-5.206	30.727	5.003	6.822	31.496	33.975	5.5316	1.29015	0.00018	44.8977	250.000
2.9528	10630	44.8977	26.231	37.00	41.250	2205.759	53.869	-5.206	30.727	5.003	6.822	31.496	33.975	5.5316	1.29004	0.00018	44.8979	250.000
2.9531	10631	44.8979	26.231	37.00	41.250	2205.961	53.874	-5.206	30.728	5.003	6.821	31.496	33.975	5.5316	1.28992	0.00018	44.8981	250.000
2.9533	10632	44.8981	26.231	37.00	41.250	2206.163	53.879	-5.206	30.729	5.003	6.821	31.496	33.975	5.5316	1.28980	0.00018	44.8983	250.000
2.9536	10633	44.8983	26.232	37.00	41.250	2206.365	53.884	-5.206	30.730	5.003	6.821	31.496	33.975	5.5316	1.28969	0.00018	44.8985	250.000
2.9539	10634	44.8985	26.232	37.00	41.250	2206.567	53.889	-5.206	30.730	5.003	6.821	31.496	33.975	5.5316	1.28957	0.00018	44.8986	250.000
2.9542	10635	44.8986	26.232	37.00	41.250	2206.769	53.894	-5.206	30.731	5.003	6.821	31.496	33.975	5.5316	1.28945	0.00018	44.8988	250.000
2.9544	10636	44.8988	26.232	37.00	41.250	2206.971	53.899	-5.206	30.732	5.004	6.821	31.496	33.975	5.5316	1.28934	0.00018	44.8990	250.000
2.9547	10637	44.8990	26.232	37.00	41.250	2207.173	53.904	-5.206	30.732	5.004	6.821	31.496	33.975	5.5316	1.28922	0.00018	44.8992	250.000
2.9550	10638	44.8992	26.233	37.00	41.250	2207.375	53.909	-5.206	30.733	5.004	6.821	31.496	33.975	5.5316	1.28910	0.00018	44.8994	250.000
2.9553	10639	44.8994	26.233	37.00	41.250	2207.577	53.913	-5.206	30.734	5.004	6.821	31.496	33.975	5.5316	1.28899	0.00018	44.8996	250.000
2.9556	10640	44.8996	26.233	37.00	41.250	2207.779	53.918	-5.206	30.735	5.004	6.820	31.496	33.975	5.5316	1.28887	0.00018	44.8997	250.000
2.9558	10641	44.8997	26.233	37.00	41.250	2207.981	53.923	-5.206	30.735	5.004	6.820	31.496	33.975	5.5316	1.28875	0.00018	44.8999	250.000
2.9561	10642	44.8999	26.233	37.00	41.250	2208.183	53.928	-5.206	30.736	5.004	6.820	31.496	33.975	5.5316	1.28864	0.00018	44.9001	250.000
2.9564	10643	44.9001	26.234	37.00	41.250	2208.385	53.933	-5.206	30.737	5.004	6.820	31.496	33.975	5.5316	1.28852	0.00018	44.9003	250.000
2.9567	10644	44.9003	26.234	37.00	41.250	2208.587	53.938	-5.206	30.737	5.004	6.820	31.496	33.975	5.5316	1.28840	0.00018	44.9005	250.000
2.9569	10645	44.9005	26.234	37.00	41.250	2208.789	53.943	-5.206	30.738	5.005	6.820	31.496	33.975	5.5316	1.28829	0.00018	44.9007	250.000
2.9572	10646	44.9007	26.234	37.00	41.250	2208.991	53.948	-5.206	30.739	5.005	6.820	31.496	33.975	5.5316	1.28817	0.00018	44.9009	250.000
2.9575	10647	44.9009	26.234	37.00	41.250	2209.193	53.953	-5.206	30.740	5.005	6.820	31.496	33.975	5.5316	1.28805	0.00018	44.9010	250.000
2.9578	10648	44.9010	26.234	37.00	41.250	2209.395	53.958	-5.206	30.740	5.005	6.819	31.496	33.975	5.5316	1.28794	0.00018	44.9012	250.000
2.9581	10649	44.9012	26.235	37.00	41.250	2209.597	53.963	-5.206	30.741	5.005	6.819	31.496	33.975	5.5316	1.28782	0.00018	44.9014	250.000
2.9583	10650	44.9014	26.235	37.00	41.250	2209.799	53.968	-5.206	30.742	5.005	6.819	31.496	33.975	5.5316	1.28770	0.00018	44.9016	250.000
2.9586	10651	44.9016	26.235	37.00	41.250	2210.001	53.973	-5.206	30.742	5.005	6.819	31.496	33.975	5.5316	1.28759	0.00018	44.9018	250.000
2.9589	10652	44.9018	26.235	37.00	41.250	2210.203	53.978	-5.206	30.743	5.005	6.819	31.496	33.975	5.5316	1.28747	0.00018	44.9020	250.000
2.9592	10653	44.9020	26.235	37.00	41.250	2210.405	53.983	-5.206	30.744	5.006	6.819	31.496	33.975	5.5316	1.28735	0.00018	44.9021	250.000
2.9594	10654	44.9021	26.236	37.00	41.250	2210.607	53.987	-5.206	30.745	5.006	6.819	31.496	33.975	5.5316	1.28724	0.00018	44.9023	250.000
2.9597	10655	44.9023	26.236	37.00	41.250	2210.809	53.992	-5.206	30.745	5.006	6.819	31.496	33.975	5.5316	1.28712	0.00018	44.9025	250.000
2.9600	10656	44.9025	26.236	37.00	41.250	2211.011	53.997	-5.206	30.746	5.006	6.819	31.496	33.975	5.5316	1.28700	0.00018	44.9027	250.000
2.9603	10657	44.9027	26.236	37.00	41.250	2211.214	54.002	-5.206	30.747	5.006	6.818	31.496	33.975	5.5316	1.28689	0.00018	44.9029	250.000

2.9606	10658	44.9029	26.236	37.00	41.250	2211.416	54.007	-5.206	30.747	5.006	6.818	31.496	33.975	5.5316	1.28677	0.00018	44.9031	250.000
2.9608	10659	44.9031	26.236	37.00	41.250	2211.618	54.012	-5.206	30.748	5.006	6.818	31.496	33.975	5.5316	1.28665	0.00018	44.9032	250.000
2.9611	10660	44.9032	26.237	37.00	41.250	2211.820	54.017	-5.206	30.749	5.006	6.818	31.496	33.975	5.5316	1.28654	0.00018	44.9034	250.000
2.9614	10661	44.9034	26.237	37.00	41.250	2212.022	54.022	-5.206	30.750	5.006	6.818	31.496	33.975	5.5316	1.28642	0.00018	44.9036	250.000
2.9617	10662	44.9036	26.237	37.00	41.250	2212.224	54.027	-5.206	30.750	5.007	6.818	31.496	33.975	5.5316	1.28631	0.00018	44.9038	250.000
2.9619	10663	44.9038	26.237	37.00	41.250	2212.426	54.032	-5.206	30.751	5.007	6.818	31.496	33.975	5.5316	1.28619	0.00018	44.9040	250.000
2.9622	10664	44.9040	26.237	37.00	41.250	2212.628	54.037	-5.206	30.752	5.007	6.818	31.496	33.975	5.5316	1.28607	0.00018	44.9042	250.000
2.9625	10665	44.9042	26.238	37.00	41.250	2212.830	54.042	-5.206	30.753	5.007	6.818	31.496	33.975	5.5316	1.28596	0.00018	44.9043	250.000
2.9628	10666	44.9043	26.238	37.00	41.250	2213.032	54.047	-5.206	30.753	5.007	6.817	31.496	33.975	5.5316	1.28584	0.00018	44.9045	250.000
2.9631	10667	44.9045	26.238	37.00	41.250	2213.234	54.052	-5.206	30.754	5.007	6.817	31.496	33.975	5.5316	1.28572	0.00018	44.9047	250.000
2.9633	10668	44.9047	26.238	37.00	41.250	2213.436	54.057	-5.206	30.755	5.007	6.817	31.496	33.975	5.5316	1.28561	0.00018	44.9049	250.000
2.9636	10669	44.9049	26.238	37.00	41.250	2213.638	54.061	-5.206	30.755	5.007	6.817	31.496	33.975	5.5316	1.28549	0.00018	44.9051	250.000
2.9639	10670	44.9051	26.238	37.00	41.250	2213.840	54.066	-5.206	30.756	5.008	6.817	31.496	33.975	5.5316	1.28537	0.00018	44.9053	250.000
2.9642	10671	44.9053	26.239	37.00	41.250	2214.042	54.071	-5.206	30.757	5.008	6.817	31.496	33.975	5.5316	1.28526	0.00018	44.9054	250.000
2.9644	10672	44.9054	26.239	37.00	41.250	2214.244	54.076	-5.206	30.758	5.008	6.817	31.496	33.975	5.5316	1.28514	0.00018	44.9056	250.000
2.9647	10673	44.9056	26.239	37.00	41.250	2214.446	54.081	-5.206	30.758	5.008	6.817	31.496	33.975	5.5316	1.28503	0.00018	44.9058	250.000
2.9650	10674	44.9058	26.239	37.00	41.250	2214.648	54.086	-5.206	30.759	5.008	6.816	31.496	33.975	5.5316	1.28491	0.00018	44.9060	250.000
2.9653	10675	44.9060	26.239	37.00	41.250	2214.850	54.091	-5.206	30.760	5.008	6.816	31.496	33.975	5.5316	1.28479	0.00018	44.9062	250.000
2.9656	10676	44.9062	26.240	37.00	41.250	2215.052	54.096	-5.206	30.760	5.008	6.816	31.496	33.975	5.5316	1.28468	0.00018	44.9064	250.000
2.9658	10677	44.9064	26.240	37.00	41.250	2215.254	54.101	-5.206	30.761	5.008	6.816	31.496	33.975	5.5316	1.28456	0.00018	44.9065	250.000
2.9661	10678	44.9065	26.240	37.00	41.250	2215.456	54.106	-5.206	30.762	5.008	6.816	31.496	33.975	5.5316	1.28444	0.00018	44.9067	250.000
2.9664	10679	44.9067	26.240	37.00	41.250	2215.658	54.111	-5.206	30.763	5.009	6.816	31.496	33.975	5.5316	1.28433	0.00018	44.9069	250.000
2.9667	10680	44.9069	26.240	37.00	41.250	2215.860	54.116	-5.206	30.763	5.009	6.816	31.496	33.975	5.5316	1.28421	0.00018	44.9071	250.000
2.9669	10681	44.9071	26.240	37.00	41.250	2216.062	54.121	-5.206	30.764	5.009	6.816	31.496	33.975	5.5316	1.28410	0.00018	44.9073	250.000
2.9672	10682	44.9073	26.241	37.00	41.250	2216.264	54.126	-5.206	30.765	5.009	6.816	31.496	33.975	5.5316	1.28398	0.00018	44.9075	250.000
2.9675	10683	44.9075	26.241	37.00	41.250	2216.466	54.131	-5.206	30.765	5.009	6.815	31.496	33.975	5.5316	1.28386	0.00018	44.9077	250.000
2.9678	10684	44.9077	26.241	37.00	41.250	2216.668	54.135	-5.206	30.766	5.009	6.815	31.496	33.975	5.5316	1.28375	0.00018	44.9078	250.000
2.9681	10685	44.9078	26.241	37.00	41.250	2216.870	54.140	-5.206	30.767	5.009	6.815	31.496	33.975	5.5316	1.28363	0.00018	44.9080	250.000
2.9683	10686	44.9080	26.241	37.00	41.250	2217.072	54.145	-5.206	30.767	5.009	6.815	31.496	33.975	5.5316	1.28351	0.00018	44.9082	250.000
2.9686	10687	44.9082	26.242	37.00	41.250	2217.274	54.150	-5.206	30.768	5.009	6.815	31.496	33.975	5.5316	1.28340	0.00018	44.9084	250.000
2.9689	10688	44.9084	26.242	37.00	41.250	2217.476	54.155	-5.206	30.769	5.010	6.815	31.496	33.975	5.5316	1.28328	0.00018	44.9086	250.000
2.9692	10689	44.9086	26.242	37.00	41.250	2217.678	54.160	-5.206	30.770	5.010	6.815	31.496	33.975	5.5316	1.28317	0.00018	44.9088	250.000
2.9694	10690	44.9088	26.242	37.00	41.250	2217.880	54.165	-5.206	30.770	5.010	6.815	31.496	33.975	5.5316	1.28305	0.00018	44.9089	250.000
2.9697	10691	44.9089	26.242	37.00	41.250	2218.083	54.170	-5.206	30.771	5.010	6.814	31.496	33.975	5.5316	1.28293	0.00018	44.9091	250.000
2.9700	10692	44.9091	26.243	37.00	41.250	2218.285	54.175	-5.206	30.772	5.010	6.814	31.496	33.975	5.5316	1.28282	0.00018	44.9093	250.000
2.9703	10693	44.9093	26.243	37.00	41.250	2218.487	54.180	-5.206	30.772	5.010	6.814	31.496	33.975	5.5316	1.28270	0.00018	44.9095	250.000
2.9706	10694	44.9095	26.243	37.00	41.250	2218.689	54.185	-5.206	30.773	5.010	6.814	31.496	33.975	5.5316	1.28259	0.00018	44.9097	250.000
2.9708	10695	44.9097	26.243	37.00	41.250	2218.891	54.190	-5.206	30.774	5.010	6.814	31.496	33.975	5.5316	1.28247	0.00018	44.9099	250.000
2.9711	10696	44.9099	26.243	37.00	41.250	2219.093	54.195	-5.206	30.775	5.011	6.814	31.496	33.975	5.5316	1.28235	0.00018	44.9100	250.000
2.9714	10697	44.9100	26.243	37.00	41.250	2219.295	54.200	-5.206	30.775	5.011	6.814	31.496	33.975	5.5316	1.28224	0.00018	44.9102	250.000
2.9717	10698	44.9102	26.244	37.00	41.250	2219.497	54.205	-5.206	30.776	5.011	6.814	31.496	33.975	5.5316	1.28212	0.00018	44.9104	250.000
2.9719	10699	44.9104	26.244	37.00	41.250	2219.699	54.209	-5.206	30.777	5.011	6.814	31.496	33.975	5.5316	1.28201	0.00018	44.9106	250.000
2.9722	10700	44.9106	26.244	37.00	41.250	2219.901	54.214	-5.206	30.777	5.011	6.813	31.496	33.975	5.5316	1.28189	0.00018	44.9108	250.000
2.9725	10701	44.9108	26.244	37.00	41.250	2220.103	54.219	-5.206	30.778	5.011	6.813	31.496	33.975	5.5316	1.28177	0.00018	44.9109	250.000
2.9728	10702	44.9109	26.244	37.00	41.250	2220.305	54.224	-5.206	30.779	5.011	6.813	31.496	33.975	5.5316	1.28166	0.00018	44.9111	250.000
2.9731	10703	44.9111	26.245	37.00	41.250	2220.507	54.229	-5.206	30.780	5.011	6.813	31.496	33.975	5.5316	1.28154	0.00018	44.9113	250.000
2.9733	10704	44.9113	26.245	37.00	41.250	2220.709	54.234	-5.206	30.780	5.011	6.813	31.496	33.975	5.5316	1.28143	0.00018	44.9115	250.000
2.9736	10705	44.9115	26.245	37.00	41.250	2220.911	54.239	-5.206	30.781	5.012	6.813	31.496	33.975	5.5316	1.28131	0.00018	44.9117	250.000
2.9739	10706	44.9117	26.245	37.00	41.250	2221.113	54.244	-5.206	30.782	5.012	6.813	31.496	33.975	5.5316	1.28119	0.00018	44.9119	250.000
2.9742	10707	44.9119	26.245	37.00	41.250	2221.315	54.249	-5.206	30.782	5.012	6.813	31.496	33.975	5.5316	1.28108	0.00018	44.9120	250.000
2.9744	10708	44.9120	26.245	37.00	41.250	2221.517	54.254	-5.206	30.783	5.012	6.813	31.496	33.975	5.5316	1.28096	0.00018	44.9122	250.000
2.9747	10709	44.9122	26.246	37.00	41.250	2221.719	54.259	-5.206	30.784	5.012	6.812	31.496	33.975	5.5316	1.28085	0.00018	44.9124	250.000
2.9750	10710	44.9124	26.246	37.00	41.250	2221.921	54.264	-5.206	30.785	5.012	6.812	31.496	33.975	5.5316	1.28073	0.00018	44.9126	250.000
2.9753	10711	44.9126	26.246	37.00	41.250	2222.123	54.269	-5.206	30.785	5.012	6.812	31.496	33.975	5.5316	1.28061	0.00018	44.9128	250.000
2.9756	10712	44.9128	26.246	37.00	41.250	2222.325	54.274	-5.206	30.786	5.012	6.812	31.496	33.975	5.5316	1.28050	0.00018	44.9130	250.000
2.9758	10713	44.9130	26.246	37.00	41.250	2222.527	54.279	-5.206	30.787	5.012	6.812	31.496	33.975	5.5316	1.28038	0.00018	44.9131	250.000
2.9761	10714	44.9131	26.247	37.00	41.250	2222.729	54.284	-5.206	30.787	5.013	6.812	31.496	33.975	5.5316	1.28027	0.00018	44.9133	250.000
2.9764	10715	44.9133	26.247	37.00	41.250	2222.931	54.288	-5.206	30.788	5.013	6.812	31.496	33.975	5.5316	1.28015	0.00018	44.9135	250.000
2.9767	10716	44.9135	26.247	37.00	41.250	2223.133	54.293	-5.206	30.789	5.013	6.812	31.496	33.975	5.5316	1.28003	0.00018	44.9137	250.000
2.9769	10717	44.9137	26.247	37.00	41.250	2223.335	54.298	-5.206	30.790	5.013	6.811	31.496	33.975	5.5316	1.27992	0.00018	44.9139	250.000
2.9772	10718	44.9139	26.247	37.00	41.250	2223.537	54.303	-5.206	30.790	5.013	6.811	31.496	33.975	5.5316	1.27980	0.00018	44.9141	250.000
2.9775	10719	44.9141	26.247	37.00	41.250	2223.739	54.308	-5.206	30.791	5.013	6.811	31.496	33.975	5.5316	1.27969	0.00018	44.9142	250.000
2.9778	10720	44.9142	26.248	37.00	41.250	2223.941	54.313	-5.206	30.792	5.013	6.811	31.496	33.975	5.5316	1.27957	0.00018	44.9144	250.000
2.9781	10721	44.9144	26.248	37.00	41.250	2224.143	54.318	-5.206	30.792	5.013	6.811	31.496	33.975	5.5316	1.27946	0.00018	44.9146	250.000
2.9783	10722	44.9146	26.248	37.00	41.250	2224.345	54.323	-5.206	30.793	5.014	6.811	31.496	33.975	5.5316	1.27934	0.00018	44.9148	250.000
2.9786	10723	44.9148	26.248	37.00	41.250	2224.547	54.328	-5.206	30.794	5.014	6.811	31.496	33.975	5.5316	1.27922	0.00018	44.9150	250.000
2.9789	10724	44.9150	26.248	37.00	41.250	2224.750	54.333	-5.206	30.795	5.014	6.811	31.496	33.975	5.5316	1.27911	0.00018	44.9152	250.000
2.9792	10725	44.9152	26.249	37.00	41.250	2224.952	54.338	-5.206	30.795	5.014	6.811	31.496	33.975	5.5316	1.27899	0.00018	44.9153	250.000
2.9794	10726	44.9153	26.249	37.00	41.250	2225.154	54.343	-5.206	30.796	5.014	6.810	31.496	33.975	5.5316	1.27888	0.00018	44.9155	250.000
2.9797	10727	44.9155	26.249	37.00	41.250	2225.356	54.348	-5.206	30.797	5.014	6.810	31.496	33.975	5.5316	1.27876	0.00018	44.9157	250.000
2.9800	10728	44.9157	26.249	37.00	41.250	2225.558	54.353	-5.206	30.797	5.014	6.810	31.496	33.975	5.5316	1.27865	0.00018	44.9159	250.000
2.9803	10729	44.9159	26.249	37.00	41.250	2225.760	54.358	-5.206	30.798	5.014	6.810	31.496	33.975	5.5316	1.27853	0.00018	44.9161	250.000
2.9806	10730	44.9161	26.249	37.00	41.250	2225.962	54.362	-5.206	30.799	5.014	6.810	31.496	33.975	5.5316	1.27841	0.00018	44.9163	250.000
2.9808	10731	44.9163	26.250	37.00	41.250	2226.164	54.367	-5.206	30.800	5.015	6.810	31.496	33.975	5.5316	1.27830	0.00018	44.9164	250.000
2.9811	10732	44.9164	26.250	37.00	41.250	2226.366	54.372	-5.206	30.800	5.015	6.810	31.496	33.975	5.5316	1.27818	0.00018	44.9166	250.000
2.9814	10733	44.9166	26.250	37.00	41.250	2226.568	54.377	-5.206	30.801	5.015	6.810	31.496	33.975	5.5316	1.27807	0.00018	44.9168	250.000
2.9817	10734	44.9168	26.250	37.00	41.250	2226.770	54.382	-5.206	30.802	5.015	6.810	31.496	33.975	5.5316	1.27795	0.00018	44.9170	250.000
2.9819	10735	44.9170	26.250	37.00	41.250	2226.972	54.387	-5.206	30.802	5.015	6.809	31.496	33.975	5.5316	1.27784	0.00018	44.9172	250.000
2.9822	10736	44.9172	26.251	37.00	41.250	2227.174	54.392	-5.206	30.803	5.015	6.809	31.496	33.975	5.5316	1.27772	0.00018	44.9173	250.000
2.9825	10737	44.9173	26.251	37.00	41.250	2227.376	54.397	-5.206	30.804	5.015	6.809	31.496	33.975	5.5316	1.27760	0.00018	44.9175	250.000
2.9828	10738	44.9175	26.251	37.00	41.250	2227.578	54.402	-5.206	30.805	5.015	6.809	31.496	33.975	5.5316	1.27749	0.00018	44.9177	250.000

2.9831	10739	44.9177	26.251	37.00	41.250	2227.780	54.407	-5.206	30.805	5.016	6.809	31.496	33.975	5.5316	1.27737	0.00018	44.9179	250.000
2.9833	10740	44.9179	26.251	37.00	41.250	2227.982	54.412	-5.206	30.806	5.016	6.809	31.496	33.975	5.5316	1.27726	0.00018	44.9181	250.000
2.9836	10741	44.9181	26.251	37.00	41.250	2228.184	54.417	-5.206	30.807	5.016	6.809	31.496	33.975	5.5316	1.27714	0.00018	44.9183	250.000
2.9839	10742	44.9183	26.252	37.00	41.250	2228.386	54.422	-5.206	30.807	5.016	6.809	31.496	33.975	5.5316	1.27703	0.00018	44.9184	250.000
2.9842	10743	44.9184	26.252	37.00	41.250	2228.588	54.427	-5.206	30.808	5.016	6.808	31.496	33.975	5.5316	1.27691	0.00018	44.9186	250.000
2.9844	10744	44.9186	26.252	37.00	41.250	2228.790	54.432	-5.206	30.809	5.016	6.808	31.496	33.975	5.5316	1.27680	0.00018	44.9188	250.000
2.9847	10745	44.9188	26.252	37.00	41.250	2228.992	54.436	-5.206	30.809	5.016	6.808	31.496	33.975	5.5316	1.27668	0.00018	44.9190	250.000
2.9850	10746	44.9190	26.252	37.00	41.250	2229.194	54.441	-5.206	30.810	5.016	6.808	31.496	33.975	5.5316	1.27656	0.00018	44.9192	250.000
2.9853	10747	44.9192	26.253	37.00	41.250	2229.396	54.446	-5.206	30.811	5.016	6.808	31.496	33.975	5.5316	1.27645	0.00018	44.9194	250.000
2.9856	10748	44.9194	26.253	37.00	41.250	2229.598	54.451	-5.206	30.812	5.017	6.808	31.496	33.975	5.5316	1.27633	0.00018	44.9195	250.000
2.9858	10749	44.9195	26.253	37.00	41.250	2229.800	54.456	-5.206	30.812	5.017	6.808	31.496	33.975	5.5316	1.27622	0.00018	44.9197	250.000
2.9861	10750	44.9197	26.253	37.00	41.250	2230.002	54.461	-5.206	30.813	5.017	6.808	31.496	33.975	5.5316	1.27610	0.00018	44.9199	250.000
2.9864	10751	44.9199	26.253	37.00	41.250	2230.204	54.466	-5.206	30.814	5.017	6.808	31.496	33.975	5.5316	1.27599	0.00018	44.9201	250.000
2.9867	10752	44.9201	26.253	37.00	41.250	2230.406	54.471	-5.206	30.814	5.017	6.807	31.496	33.975	5.5316	1.27587	0.00018	44.9203	250.000
2.9869	10753	44.9203	26.254	37.00	41.250	2230.608	54.476	-5.206	30.815	5.017	6.807	31.496	33.975	5.5316	1.27576	0.00018	44.9204	250.000
2.9872	10754	44.9204	26.254	37.00	41.250	2230.810	54.481	-5.206	30.816	5.017	6.807	31.496	33.975	5.5316	1.27564	0.00018	44.9206	250.000
2.9875	10755	44.9206	26.254	37.00	41.250	2231.012	54.486	-5.206	30.817	5.017	6.807	31.496	33.975	5.5316	1.27552	0.00018	44.9208	250.000
2.9878	10756	44.9208	26.254	37.00	41.250	2231.214	54.491	-5.206	30.817	5.017	6.807	31.496	33.975	5.5316	1.27541	0.00018	44.9210	250.000
2.9881	10757	44.9210	26.254	37.00	41.250	2231.416	54.496	-5.206	30.818	5.018	6.807	31.496	33.975	5.5316	1.27529	0.00018	44.9212	250.000
2.9883	10758	44.9212	26.255	37.00	41.250	2231.619	54.501	-5.206	30.819	5.018	6.807	31.496	33.975	5.5316	1.27518	0.00018	44.9214	250.000
2.9886	10759	44.9214	26.255	37.00	41.250	2231.821	54.506	-5.206	30.819	5.018	6.807	31.496	33.975	5.5316	1.27506	0.00018	44.9215	250.000
2.9889	10760	44.9215	26.255	37.00	41.250	2232.023	54.510	-5.206	30.820	5.018	6.807	31.496	33.975	5.5316	1.27495	0.00018	44.9217	250.000
2.9892	10761	44.9217	26.255	37.00	41.250	2232.225	54.515	-5.206	30.821	5.018	6.806	31.496	33.975	5.5316	1.27483	0.00018	44.9219	250.000
2.9894	10762	44.9219	26.255	37.00	41.250	2232.427	54.520	-5.206	30.822	5.018	6.806	31.496	33.975	5.5316	1.27472	0.00018	44.9221	250.000
2.9897	10763	44.9221	26.255	37.00	41.250	2232.629	54.525	-5.206	30.822	5.018	6.806	31.496	33.975	5.5316	1.27460	0.00018	44.9223	250.000
2.9900	10764	44.9223	26.256	37.00	41.250	2232.831	54.530	-5.206	30.823	5.018	6.806	31.496	33.975	5.5316	1.27449	0.00018	44.9225	250.000
2.9903	10765	44.9225	26.256	37.00	41.250	2233.033	54.535	-5.206	30.824	5.019	6.806	31.496	33.975	5.5316	1.27437	0.00018	44.9226	250.000
2.9906	10766	44.9226	26.256	37.00	41.250	2233.235	54.540	-5.206	30.824	5.019	6.806	31.496	33.975	5.5316	1.27426	0.00018	44.9228	250.000
2.9908	10767	44.9228	26.256	37.00	41.250	2233.437	54.545	-5.206	30.825	5.019	6.806	31.496	33.975	5.5316	1.27414	0.00018	44.9230	250.000
2.9911	10768	44.9230	26.256	37.00	41.250	2233.639	54.550	-5.206	30.826	5.019	6.806	31.496	33.975	5.5316	1.27403	0.00018	44.9232	250.000
2.9914	10769	44.9232	26.257	37.00	41.250	2233.841	54.555	-5.206	30.826	5.019	6.805	31.496	33.975	5.5316	1.27391	0.00018	44.9234	250.000
2.9917	10770	44.9234	26.257	37.00	41.250	2234.043	54.560	-5.206	30.827	5.019	6.805	31.496	33.975	5.5316	1.27379	0.00018	44.9235	250.000
2.9919	10771	44.9235	26.257	37.00	41.250	2234.245	54.565	-5.206	30.828	5.019	6.805	31.496	33.975	5.5316	1.27368	0.00018	44.9237	250.000
2.9922	10772	44.9237	26.257	37.00	41.250	2234.447	54.570	-5.206	30.829	5.019	6.805	31.496	33.975	5.5316	1.27356	0.00018	44.9239	250.000
2.9925	10773	44.9239	26.257	37.00	41.250	2234.649	54.575	-5.206	30.829	5.019	6.805	31.496	33.975	5.5316	1.27345	0.00018	44.9241	250.000
2.9928	10774	44.9241	26.257	37.00	41.250	2234.851	54.580	-5.206	30.830	5.020	6.805	31.496	33.975	5.5316	1.27333	0.00018	44.9243	250.000
2.9931	10775	44.9243	26.258	37.00	41.250	2235.053	54.584	-5.206	30.831	5.020	6.805	31.496	33.975	5.5316	1.27322	0.00018	44.9245	250.000
2.9933	10776	44.9245	26.258	37.00	41.250	2235.255	54.589	-5.206	30.831	5.020	6.805	31.496	33.975	5.5316	1.27310	0.00018	44.9246	250.000
2.9936	10777	44.9246	26.258	37.00	41.250	2235.457	54.594	-5.206	30.832	5.020	6.805	31.496	33.975	5.5316	1.27299	0.00018	44.9248	250.000
2.9939	10778	44.9248	26.258	37.00	41.250	2235.659	54.599	-5.206	30.833	5.020	6.804	31.496	33.975	5.5316	1.27287	0.00018	44.9250	250.000
2.9942	10779	44.9250	26.258	37.00	41.250	2235.861	54.604	-5.206	30.834	5.020	6.804	31.496	33.975	5.5316	1.27276	0.00018	44.9252	250.000
2.9944	10780	44.9252	26.259	37.00	41.250	2236.063	54.609	-5.206	30.834	5.020	6.804	31.496	33.975	5.5316	1.27264	0.00018	44.9254	250.000
2.9947	10781	44.9254	26.259	37.00	41.250	2236.265	54.614	-5.206	30.835	5.020	6.804	31.496	33.975	5.5316	1.27253	0.00018	44.9255	250.000
2.9950	10782	44.9255	26.259	37.00	41.250	2236.467	54.619	-5.206	30.836	5.020	6.804	31.496	33.975	5.5316	1.27241	0.00018	44.9257	250.000
2.9953	10783	44.9257	26.259	37.00	41.250	2236.669	54.624	-5.206	30.836	5.021	6.804	31.496	33.975	5.5316	1.27230	0.00018	44.9259	250.000
2.9956	10784	44.9259	26.259	37.00	41.250	2236.871	54.629	-5.206	30.837	5.021	6.804	31.496	33.975	5.5316	1.27218	0.00018	44.9261	250.000
2.9958	10785	44.9261	26.259	37.00	41.250	2237.073	54.634	-5.206	30.838	5.021	6.804	31.496	33.975	5.5316	1.27207	0.00018	44.9263	250.000
2.9961	10786	44.9263	26.260	37.00	41.250	2237.275	54.639	-5.206	30.839	5.021	6.804	31.496	33.975	5.5316	1.27195	0.00018	44.9265	250.000
2.9964	10787	44.9265	26.260	37.00	41.250	2237.477	54.644	-5.206	30.839	5.021	6.803	31.496	33.975	5.5316	1.27184	0.00018	44.9266	250.000
2.9967	10788	44.9266	26.260	37.00	41.250	2237.679	54.649	-5.206	30.840	5.021	6.803	31.496	33.975	5.5316	1.27172	0.00018	44.9268	250.000
2.9969	10789	44.9268	26.260	37.00	41.250	2237.881	54.654	-5.206	30.841	5.021	6.803	31.496	33.975	5.5316	1.27161	0.00018	44.9270	250.000
2.9972	10790	44.9270	26.260	37.00	41.250	2238.083	54.658	-5.206	30.841	5.021	6.803	31.496	33.975	5.5316	1.27149	0.00018	44.9272	250.000
2.9975	10791	44.9272	26.261	37.00	41.250	2238.286	54.663	-5.206	30.842	5.021	6.803	31.496	33.975	5.5316	1.27138	0.00018	44.9274	250.000
2.9978	10792	44.9274	26.261	37.00	41.250	2238.488	54.668	-5.206	30.843	5.022	6.803	31.496	33.975	5.5316	1.27126	0.00018	44.9275	250.000
2.9981	10793	44.9275	26.261	37.00	41.250	2238.690	54.673	-5.206	30.843	5.022	6.803	31.496	33.975	5.5316	1.27115	0.00018	44.9277	250.000
2.9983	10794	44.9277	26.261	37.00	41.250	2238.892	54.678	-5.206	30.844	5.022	6.803	31.496	33.975	5.5316	1.27103	0.00018	44.9279	250.000
2.9986	10795	44.9279	26.261	37.00	41.250	2239.094	54.683	-5.206	30.845	5.022	6.802	31.496	33.975	5.5316	1.27092	0.00018	44.9281	250.000
2.9989	10796	44.9281	26.261	37.00	41.250	2239.296	54.688	-5.206	30.846	5.022	6.802	31.496	33.975	5.5316	1.27080	0.00018	44.9283	250.000
2.9992	10797	44.9283	26.262	37.00	41.250	2239.498	54.693	-5.206	30.846	5.022	6.802	31.496	33.975	5.5316	1.27069	0.00018	44.9285	250.000
2.9994	10798	44.9285	26.262	37.00	41.250	2239.700	54.698	-5.206	30.847	5.022	6.802	31.496	33.975	5.5316	1.27057	0.00018	44.9286	250.000
2.9997	10799	44.9286	26.262	37.00	41.250	2239.902	54.703	-5.206	30.848	5.022	6.802	31.496	33.975	5.5316	1.27046	0.00018	44.9288	250.000
3.0000	10800	44.9288	26.262	37.00	41.250	2240.104	54.708	-5.206	30.848	5.023	6.802	31.496	33.975	5.5316	1.27034	0.00018	44.9290	250.000
3.0003	10801	44.9290	26.262	37.00	41.250	2240.306	54.713	-5.206	30.849	5.023	6.802	31.496	33.975	5.5316	1.27023	0.00018	44.9292	250.000
3.0006	10802	44.9292	26.263	37.00	41.250	2240.508	54.718	-5.206	30.850	5.023	6.802	31.496	33.975	5.5316	1.27011	0.00018	44.9294	250.000
3.0008	10803	44.9294	26.263	37.00	41.250	2240.710	54.723	-5.206	30.851	5.023	6.802	31.496	33.975	5.5316	1.27000	0.00018	44.9295	250.000
3.0011	10804	44.9295	26.263	37.00	41.250	2240.912	54.728	-5.206	30.851	5.023	6.801	31.496	33.975	5.5316	1.26988	0.00018	44.9297	250.000
3.0014	10805	44.9297	26.263	37.00	41.250	2241.114	54.733	-5.206	30.852	5.023	6.801	31.496	33.975	5.5316	1.26977	0.00018	44.9299	250.000
3.0017	10806	44.9299	26.263	37.00	41.250	2241.316	54.737	-5.206	30.853	5.023	6.801	31.496	33.975	5.5316	1.26965	0.00018	44.9301	250.000
3.0019	10807	44.9301	26.263	37.00	41.250	2241.518	54.742	-5.206	30.853	5.023	6.801	31.496	33.975	5.5316	1.26954	0.00018	44.9303	250.000
3.0022	10808	44.9303	26.264	37.00	41.250	2241.720	54.747	-5.206	30.854	5.023	6.801	31.496	33.975	5.5316	1.26942	0.00018	44.9304	250.000
3.0025	10809	44.9304	26.264	37.00	41.250	2241.922	54.752	-5.206	30.855	5.024	6.801	31.496	33.975	5.5316	1.26931	0.00018	44.9306	250.000
3.0028	10810	44.9306	26.264	37.00	41.250	2242.124	54.757	-5.206	30.855	5.024	6.801	31.496	33.975	5.5316	1.26919	0.00018	44.9308	250.000
3.0031	10811	44.9308	26.264	37.00	41.250	2242.326	54.762	-5.206	30.856	5.024	6.801	31.496	33.975	5.5316	1.26908	0.00018	44.9310	250.000
3.0033	10812	44.9310	26.264	37.00	41.250	2242.528	54.767	-5.206	30.857	5.024	6.801	31.496	33.975	5.5316	1.26896	0.00018	44.9312	250.000
3.0036	10813	44.9312	26.265	37.00	41.250	2242.730	54.772	-5.206	30.858	5.024	6.800	31.496	33.975	5.5316	1.26885	0.00018	44.9314	250.000
3.0039	10814	44.9314	26.265	37.00	41.250	2242.932	54.777	-5.206	30.858	5.024	6.800	31.496	33.975	5.5316	1.26873	0.00018	44.9315	250.000
3.0042	10815	44.9315	26.265	37.00	41.250	2243.134	54.782	-5.206	30.859	5.024	6.800	31.496	33.975	5.5316	1.26862	0.00018	44.9317	250.000
3.0044	10816	44.9317	26.265	37.00	41.250	2243.336	54.787	-5.206	30.860	5.024	6.800	31.496	33.975	5.5316	1.26850	0.00018	44.9319	250.000
3.0047	10817	44.9319	26.265	37.00	41.250	2243.538	54.792	-5.206	30.860	5.024	6.800	31.496	33.975	5.5316	1.26839	0.00018	44.9321	250.000
3.0050	10818	44.9321	26.265	37.00	41.250	2243.740	54.797	-5.206	30.861	5.025	6.800	31.496	33.975	5.5316	1.26827	0.00018	44.9323	250.000
3.0053	10819	44.9323	26.266	37.00	41.250	2243.942	54.802	-5.206	30.862	5.025	6.800	31.496	33.975	5.5316	1.26816	0.00018	44.9324	250.000

3.0056	10820	44.9324	26.266	37.00	41.250	2244.144	54.807	-5.206	30.863	5.025	6.800	31.496	33.975	5.5316	1.26804	0.00018	44.9326	250.000
3.0058	10821	44.9326	26.266	37.00	41.250	2244.346	54.811	-5.206	30.863	5.025	6.799	31.496	33.975	5.5316	1.26793	0.00018	44.9328	250.000
3.0061	10822	44.9328	26.266	37.00	41.250	2244.548	54.816	-5.206	30.864	5.025	6.799	31.496	33.975	5.5316	1.26781	0.00018	44.9330	250.000
3.0064	10823	44.9330	26.266	37.00	41.250	2244.750	54.821	-5.206	30.865	5.025	6.799	31.496	33.975	5.5316	1.26770	0.00018	44.9332	250.000
3.0067	10824	44.9332	26.267	37.00	41.250	2244.953	54.826	-5.206	30.865	5.025	6.799	31.496	33.975	5.5316	1.26758	0.00018	44.9333	250.000
3.0069	10825	44.9333	26.267	37.00	41.250	2245.155	54.831	-5.206	30.866	5.025	6.799	31.496	33.975	5.5316	1.26747	0.00018	44.9335	250.000
3.0072	10826	44.9335	26.267	37.00	41.250	2245.357	54.836	-5.206	30.867	5.026	6.799	31.496	33.975	5.5316	1.26736	0.00018	44.9337	250.000
3.0075	10827	44.9337	26.267	37.00	41.250	2245.559	54.841	-5.206	30.867	5.026	6.799	31.496	33.975	5.5316	1.26724	0.00018	44.9339	250.000
3.0078	10828	44.9339	26.267	37.00	41.250	2245.761	54.846	-5.206	30.868	5.026	6.799	31.496	33.975	5.5316	1.26713	0.00018	44.9341	250.000
3.0081	10829	44.9341	26.267	37.00	41.250	2245.963	54.851	-5.206	30.869	5.026	6.799	31.496	33.975	5.5316	1.26701	0.00018	44.9343	250.000
3.0083	10830	44.9343	26.268	37.00	41.250	2246.165	54.856	-5.206	30.870	5.026	6.798	31.496	33.975	5.5316	1.26690	0.00018	44.9344	250.000
3.0086	10831	44.9344	26.268	37.00	41.250	2246.367	54.861	-5.206	30.870	5.026	6.798	31.496	33.975	5.5316	1.26678	0.00018	44.9346	250.000
3.0089	10832	44.9346	26.268	37.00	41.250	2246.569	54.866	-5.206	30.871	5.026	6.798	31.496	33.975	5.5316	1.26667	0.00018	44.9348	250.000
3.0092	10833	44.9348	26.268	37.00	41.250	2246.771	54.871	-5.206	30.872	5.026	6.798	31.496	33.975	5.5316	1.26655	0.00018	44.9350	250.000
3.0094	10834	44.9350	26.268	37.00	41.250	2246.973	54.876	-5.206	30.872	5.026	6.798	31.496	33.975	5.5316	1.26644	0.00018	44.9352	250.000
3.0097	10835	44.9352	26.269	37.00	41.250	2247.175	54.881	-5.206	30.873	5.027	6.798	31.496	33.975	5.5316	1.26632	0.00018	44.9353	250.000
3.0100	10836	44.9353	26.269	37.00	41.250	2247.377	54.885	-5.206	30.874	5.027	6.798	31.496	33.975	5.5316	1.26621	0.00018	44.9355	250.000
3.0103	10837	44.9355	26.269	37.00	41.250	2247.579	54.890	-5.206	30.874	5.027	6.798	31.496	33.975	5.5316	1.26609	0.00018	44.9357	250.000
3.0106	10838	44.9357	26.269	37.00	41.250	2247.781	54.895	-5.206	30.875	5.027	6.798	31.496	33.975	5.5316	1.26598	0.00018	44.9359	250.000
3.0108	10839	44.9359	26.269	37.00	41.250	2247.983	54.900	-5.206	30.876	5.027	6.797	31.496	33.975	5.5316	1.26587	0.00018	44.9361	250.000
3.0111	10840	44.9361	26.269	37.00	41.250	2248.185	54.905	-5.206	30.877	5.027	6.797	31.496	33.975	5.5316	1.26575	0.00018	44.9362	250.000
3.0114	10841	44.9362	26.270	37.00	41.250	2248.387	54.910	-5.206	30.877	5.027	6.797	31.496	33.975	5.5316	1.26564	0.00018	44.9364	250.000
3.0117	10842	44.9364	26.270	37.00	41.250	2248.589	54.915	-5.206	30.878	5.027	6.797	31.496	33.975	5.5316	1.26552	0.00018	44.9366	250.000
3.0119	10843	44.9366	26.270	37.00	41.250	2248.791	54.920	-5.206	30.879	5.027	6.797	31.496	33.975	5.5316	1.26541	0.00018	44.9368	250.000
3.0122	10844	44.9368	26.270	37.00	41.250	2248.993	54.925	-5.206	30.879	5.028	6.797	31.496	33.975	5.5316	1.26529	0.00018	44.9370	250.000
3.0125	10845	44.9370	26.270	37.00	41.250	2249.195	54.930	-5.206	30.880	5.028	6.797	31.496	33.975	5.5316	1.26518	0.00018	44.9371	250.000
3.0128	10846	44.9371	26.271	37.00	41.250	2249.397	54.935	-5.206	30.881	5.028	6.797	31.496	33.975	5.5316	1.26506	0.00018	44.9373	250.000
3.0131	10847	44.9373	26.271	37.00	41.250	2249.599	54.940	-5.206	30.882	5.028	6.797	31.496	33.975	5.5316	1.26495	0.00018	44.9375	250.000
3.0133	10848	44.9375	26.271	37.00	41.250	2249.801	54.945	-5.206	30.882	5.028	6.796	31.496	33.975	5.5316	1.26483	0.00018	44.9377	250.000
3.0136	10849	44.9377	26.271	37.00	41.250	2250.003	54.950	-5.206	30.883	5.028	6.796	31.496	33.975	5.5316	1.26472	0.00018	44.9379	250.000
3.0139	10850	44.9379	26.271	37.00	41.250	2250.205	54.955	-5.206	30.884	5.028	6.796	31.496	33.975	5.5316	1.26461	0.00018	44.9380	250.000
3.0142	10851	44.9380	26.271	37.00	41.250	2250.407	54.959	-5.206	30.884	5.028	6.796	31.496	33.975	5.5316	1.26449	0.00018	44.9382	250.000
3.0144	10852	44.9382	26.272	37.00	41.250	2250.609	54.964	-5.206	30.885	5.028	6.796	31.496	33.975	5.5316	1.26438	0.00018	44.9384	250.000
3.0147	10853	44.9384	26.272	37.00	41.250	2250.811	54.969	-5.206	30.886	5.029	6.796	31.496	33.975	5.5316	1.26426	0.00018	44.9386	250.000
3.0150	10854	44.9386	26.272	37.00	41.250	2251.013	54.974	-5.206	30.886	5.029	6.796	31.496	33.975	5.5316	1.26415	0.00018	44.9388	250.000
3.0153	10855	44.9388	26.272	37.00	41.250	2251.215	54.979	-5.206	30.887	5.029	6.796	31.496	33.975	5.5316	1.26403	0.00018	44.9390	250.000
3.0156	10856	44.9390	26.272	37.00	41.250	2251.417	54.984	-5.206	30.888	5.029	6.795	31.496	33.975	5.5316	1.26392	0.00018	44.9391	250.000
3.0158	10857	44.9391	26.273	37.00	41.250	2251.619	54.989	-5.206	30.889	5.029	6.795	31.496	33.975	5.5316	1.26381	0.00018	44.9393	250.000
3.0161	10858	44.9393	26.273	37.00	41.250	2251.822	54.994	-5.206	30.889	5.029	6.795	31.496	33.975	5.5316	1.26369	0.00018	44.9395	250.000
3.0164	10859	44.9395	26.273	37.00	41.250	2252.024	54.999	-5.206	30.890	5.029	6.795	31.496	33.975	5.5316	1.26358	0.00018	44.9397	250.000
3.0167	10860	44.9397	26.273	37.00	41.250	2252.226	55.004	-5.206	30.891	5.029	6.795	31.496	33.975	5.5316	1.26346	0.00018	44.9399	250.000
3.0169	10861	44.9399	26.273	37.00	41.250	2252.428	55.009	-5.206	30.891	5.030	6.795	31.496	33.975	5.5316	1.26335	0.00018	44.9400	250.000
3.0172	10862	44.9400	26.273	37.00	41.250	2252.630	55.014	-5.206	30.892	5.030	6.795	31.496	33.975	5.5316	1.26323	0.00018	44.9402	250.000
3.0175	10863	44.9402	26.274	37.00	41.250	2252.832	55.019	-5.206	30.893	5.030	6.795	31.496	33.975	5.5316	1.26312	0.00018	44.9404	250.000
3.0178	10864	44.9404	26.274	37.00	41.250	2253.034	55.024	-5.206	30.893	5.030	6.795	31.496	33.975	5.5316	1.26300	0.00018	44.9406	250.000
3.0181	10865	44.9406	26.274	37.00	41.250	2253.236	55.029	-5.206	30.894	5.030	6.794	31.496	33.975	5.5316	1.26289	0.00018	44.9408	250.000
3.0183	10866	44.9408	26.274	37.00	41.250	2253.438	55.033	-5.206	30.895	5.030	6.794	31.496	33.975	5.5316	1.26278	0.00018	44.9409	250.000
3.0186	10867	44.9409	26.274	37.00	41.250	2253.640	55.038	-5.206	30.896	5.030	6.794	31.496	33.975	5.5316	1.26266	0.00018	44.9411	250.000
3.0189	10868	44.9411	26.275	37.00	41.250	2253.842	55.043	-5.206	30.896	5.030	6.794	31.496	33.975	5.5316	1.26255	0.00018	44.9413	250.000
3.0192	10869	44.9413	26.275	37.00	41.250	2254.044	55.048	-5.206	30.897	5.030	6.794	31.496	33.975	5.5316	1.26243	0.00018	44.9415	250.000
3.0194	10870	44.9415	26.275	37.00	41.250	2254.246	55.053	-5.206	30.898	5.031	6.794	31.496	33.975	5.5316	1.26232	0.00018	44.9417	250.000
3.0197	10871	44.9417	26.275	37.00	41.250	2254.448	55.058	-5.206	30.898	5.031	6.794	31.496	33.975	5.5316	1.26220	0.00018	44.9418	250.000
3.0200	10872	44.9418	26.275	37.00	41.250	2254.650	55.063	-5.206	30.899	5.031	6.794	31.496	33.975	5.5316	1.26209	0.00018	44.9420	250.000
3.0203	10873	44.9420	26.275	37.00	41.250	2254.852	55.068	-5.206	30.900	5.031	6.794	31.496	33.975	5.5316	1.26198	0.00018	44.9422	250.000
3.0206	10874	44.9422	26.276	37.00	41.250	2255.054	55.073	-5.206	30.900	5.031	6.793	31.496	33.975	5.5316	1.26186	0.00018	44.9424	250.000
3.0208	10875	44.9424	26.276	37.00	41.250	2255.256	55.078	-5.206	30.901	5.031	6.793	31.496	33.975	5.5316	1.26175	0.00018	44.9426	250.000
3.0211	10876	44.9426	26.276	37.00	41.250	2255.458	55.083	-5.206	30.902	5.031	6.793	31.496	33.975	5.5316	1.26163	0.00018	44.9427	250.000
3.0214	10877	44.9427	26.276	37.00	41.250	2255.660	55.088	-5.206	30.903	5.031	6.793	31.496	33.975	5.5316	1.26152	0.00018	44.9429	250.000
3.0217	10878	44.9429	26.276	37.00	41.250	2255.862	55.093	-5.206	30.903	5.031	6.793	31.496	33.975	5.5316	1.26141	0.00018	44.9431	250.000
3.0219	10879	44.9431	26.276	37.00	41.250	2256.064	55.098	-5.206	30.904	5.032	6.793	31.496	33.975	5.5316	1.26129	0.00018	44.9433	250.000
3.0222	10880	44.9433	26.277	37.00	41.250	2256.266	55.103	-5.206	30.905	5.032	6.793	31.496	33.975	5.5316	1.26118	0.00018	44.9435	250.000
3.0225	10881	44.9435	26.277	37.00	41.250	2256.468	55.107	-5.206	30.905	5.032	6.793	31.496	33.975	5.5316	1.26106	0.00018	44.9436	250.000
3.0228	10882	44.9436	26.277	37.00	41.250	2256.670	55.112	-5.206	30.906	5.032	6.793	31.496	33.975	5.5316	1.26095	0.00018	44.9438	250.000
3.0231	10883	44.9438	26.277	37.00	41.250	2256.872	55.117	-5.206	30.907	5.032	6.792	31.496	33.975	5.5316	1.26083	0.00018	44.9440	250.000
3.0233	10884	44.9440	26.277	37.00	41.250	2257.074	55.122	-5.206	30.907	5.032	6.792	31.496	33.975	5.5316	1.26072	0.00018	44.9442	250.000
3.0236	10885	44.9442	26.278	37.00	41.250	2257.276	55.127	-5.206	30.908	5.032	6.792	31.496	33.975	5.5316	1.26061	0.00018	44.9444	250.000
3.0239	10886	44.9444	26.278	37.00	41.250	2257.478	55.132	-5.206	30.909	5.032	6.792	31.496	33.975	5.5316	1.26049	0.00018	44.9445	250.000
3.0242	10887	44.9445	26.278	37.00	41.250	2257.680	55.137	-5.206	30.910	5.032	6.792	31.496	33.975	5.5316	1.26038	0.00018	44.9447	250.000
3.0244	10888	44.9447	26.278	37.00	41.250	2257.882	55.142	-5.206	30.910	5.033	6.792	31.496	33.975	5.5316	1.26026	0.00018	44.9449	250.000
3.0247	10889	44.9449	26.278	37.00	41.250	2258.084	55.147	-5.206	30.911	5.033	6.792	31.496	33.975	5.5316	1.26015	0.00018	44.9451	250.000
3.0250	10890	44.9451	26.278	37.00	41.250	2258.286	55.152	-5.206	30.912	5.033	6.792	31.496	33.975	5.5316	1.26004	0.00018	44.9453	250.000
3.0253	10891	44.9453	26.279	37.00	41.250	2258.489	55.157	-5.206	30.912	5.033	6.791	31.496	33.975	5.5316	1.25992	0.00018	44.9454	250.000
3.0256	10892	44.9454	26.279	37.00	41.250	2258.691	55.162	-5.206	30.913	5.033	6.791	31.496	33.975	5.5316	1.25981	0.00018	44.9456	250.000
3.0258	10893	44.9456	26.279	37.00	41.250	2258.893	55.167	-5.206	30.914	5.033	6.791	31.496	33.975	5.5316	1.25969	0.00018	44.9458	250.000
3.0261	10894	44.9458	26.279	37.00	41.250	2259.095	55.172	-5.206	30.915	5.033	6.791	31.496	33.975	5.5316	1.25958	0.00018	44.9460	250.000
3.0264	10895	44.9460	26.279	37.00	41.250	2259.297	55.177	-5.206	30.915	5.033	6.791	31.496	33.975	5.5316	1.25947	0.00018	44.9462	250.000
3.0267	10896	44.9462	26.280	37.00	41.250	2259.499	55.181	-5.206	30.916	5.034	6.791	31.496	33.975	5.5316	1.25935	0.00018	44.9463	250.000
3.0269	10897	44.9463	26.280	37.00	41.250	2259.701	55.186	-5.206	30.917	5.034	6.791	31.496	33.975	5.5316	1.25924	0.00018	44.9465	250.000
3.0272	10898	44.9465	26.280	37.00	41.250	2259.903	55.191	-5.206	30.917	5.034	6.791	31.496	33.975	5.5316	1.25912	0.00018	44.9467	250.000
3.0275	10899	44.9467	26.280	37.00	41.250	2260.105	55.196	-5.206	30.918	5.034	6.791	31.496	33.975	5.5316	1.25901	0.00018	44.9469	250.000
3.0278	10900	44.9469	26.280	37.00	41.250	2260.307	55.201	-5.206	30.919	5.034	6.790	31.496	33.975	5.5316	1.25890	0.00018	44.9471	250.000

3.0281	10901	44.9471	26.280	37.00	41.250	2260.509	55.206	-5.206	30.919	5.034	6.790	31.496	33.975	5.5316	1.25878	0.00018	44.9472	250.000
3.0283	10902	44.9472	26.281	37.00	41.250	2260.711	55.211	-5.206	30.920	5.034	6.790	31.496	33.975	5.5316	1.25867	0.00018	44.9474	250.000
3.0286	10903	44.9474	26.281	37.00	41.250	2260.913	55.216	-5.206	30.921	5.034	6.790	31.496	33.975	5.5316	1.25855	0.00018	44.9476	250.000
3.0289	10904	44.9476	26.281	37.00	41.250	2261.115	55.221	-5.206	30.922	5.034	6.790	31.496	33.975	5.5316	1.25844	0.00018	44.9478	250.000
3.0292	10905	44.9478	26.281	37.00	41.250	2261.317	55.226	-5.206	30.922	5.035	6.790	31.496	33.975	5.5316	1.25833	0.00018	44.9480	250.000
3.0294	10906	44.9480	26.281	37.00	41.250	2261.519	55.231	-5.206	30.923	5.035	6.790	31.496	33.975	5.5316	1.25821	0.00018	44.9481	250.000
3.0297	10907	44.9481	26.282	37.00	41.250	2261.721	55.236	-5.206	30.924	5.035	6.790	31.496	33.975	5.5316	1.25810	0.00018	44.9483	250.000
3.0300	10908	44.9483	26.282	37.00	41.250	2261.923	55.241	-5.206	30.924	5.035	6.790	31.496	33.975	5.5316	1.25799	0.00018	44.9485	250.000
3.0303	10909	44.9485	26.282	37.00	41.250	2262.125	55.246	-5.206	30.925	5.035	6.789	31.496	33.975	5.5316	1.25787	0.00018	44.9487	250.000
3.0306	10910	44.9487	26.282	37.00	41.250	2262.327	55.251	-5.206	30.926	5.035	6.789	31.496	33.975	5.5316	1.25776	0.00018	44.9489	250.000
3.0308	10911	44.9489	26.282	37.00	41.250	2262.529	55.256	-5.206	30.926	5.035	6.789	31.496	33.975	5.5316	1.25764	0.00018	44.9490	250.000
3.0311	10912	44.9490	26.282	37.00	41.250	2262.731	55.260	-5.206	30.927	5.035	6.789	31.496	33.975	5.5316	1.25753	0.00018	44.9492	250.000
3.0314	10913	44.9492	26.283	37.00	41.250	2262.933	55.265	-5.206	30.928	5.035	6.789	31.496	33.975	5.5316	1.25742	0.00018	44.9494	250.000
3.0317	10914	44.9494	26.283	37.00	41.250	2263.135	55.270	-5.206	30.928	5.036	6.789	31.496	33.975	5.5316	1.25730	0.00018	44.9496	250.000
3.0319	10915	44.9496	26.283	37.00	41.250	2263.337	55.275	-5.206	30.929	5.036	6.789	31.496	33.975	5.5316	1.25719	0.00018	44.9498	250.000
3.0322	10916	44.9498	26.283	37.00	41.250	2263.539	55.280	-5.206	30.930	5.036	6.789	31.496	33.975	5.5316	1.25708	0.00018	44.9499	250.000
3.0325	10917	44.9499	26.283	37.00	41.250	2263.741	55.285	-5.206	30.931	5.036	6.789	31.496	33.975	5.5316	1.25696	0.00018	44.9501	250.000
3.0328	10918	44.9501	26.284	37.00	41.250	2263.943	55.290	-5.206	30.931	5.036	6.788	31.496	33.975	5.5316	1.25685	0.00018	44.9503	250.000
3.0331	10919	44.9503	26.284	37.00	41.250	2264.145	55.295	-5.206	30.932	5.036	6.788	31.496	33.975	5.5316	1.25673	0.00018	44.9505	250.000
3.0333	10920	44.9505	26.284	37.00	41.250	2264.347	55.300	-5.206	30.933	5.036	6.788	31.496	33.975	5.5316	1.25662	0.00018	44.9507	250.000
3.0336	10921	44.9507	26.284	37.00	41.250	2264.549	55.305	-5.206	30.933	5.036	6.788	31.496	33.975	5.5316	1.25651	0.00018	44.9508	250.000
3.0339	10922	44.9508	26.284	37.00	41.250	2264.751	55.310	-5.206	30.934	5.036	6.788	31.496	33.975	5.5316	1.25639	0.00018	44.9510	250.000
3.0342	10923	44.9510	26.284	37.00	41.250	2264.953	55.315	-5.206	30.935	5.037	6.788	31.496	33.975	5.5316	1.25628	0.00018	44.9512	250.000
3.0344	10924	44.9512	26.285	37.00	41.250	2265.156	55.320	-5.206	30.935	5.037	6.788	31.496	33.975	5.5316	1.25617	0.00018	44.9514	250.000
3.0347	10925	44.9514	26.285	37.00	41.250	2265.358	55.325	-5.206	30.936	5.037	6.788	31.496	33.975	5.5316	1.25605	0.00018	44.9516	250.000
3.0350	10926	44.9516	26.285	37.00	41.250	2265.560	55.330	-5.206	30.937	5.037	6.787	31.496	33.975	5.5316	1.25594	0.00018	44.9517	250.000
3.0353	10927	44.9517	26.285	37.00	41.250	2265.762	55.334	-5.206	30.938	5.037	6.787	31.496	33.975	5.5316	1.25582	0.00018	44.9519	250.000
3.0356	10928	44.9519	26.285	37.00	41.250	2265.964	55.339	-5.206	30.938	5.037	6.787	31.496	33.975	5.5316	1.25571	0.00018	44.9521	250.000
3.0358	10929	44.9521	26.285	37.00	41.250	2266.166	55.344	-5.206	30.939	5.037	6.787	31.496	33.975	5.5316	1.25560	0.00018	44.9523	250.000
3.0361	10930	44.9523	26.286	37.00	41.250	2266.368	55.349	-5.206	30.940	5.037	6.787	31.496	33.975	5.5316	1.25548	0.00018	44.9524	250.000
3.0364	10931	44.9524	26.286	37.00	41.250	2266.570	55.354	-5.206	30.940	5.038	6.787	31.496	33.975	5.5316	1.25537	0.00018	44.9526	250.000
3.0367	10932	44.9526	26.286	37.00	41.250	2266.772	55.359	-5.206	30.941	5.038	6.787	31.496	33.975	5.5316	1.25526	0.00018	44.9528	250.000
3.0369	10933	44.9528	26.286	37.00	41.250	2266.974	55.364	-5.206	30.942	5.038	6.787	31.496	33.975	5.5316	1.25514	0.00018	44.9530	250.000
3.0372	10934	44.9530	26.286	37.00	41.250	2267.176	55.369	-5.206	30.942	5.038	6.787	31.496	33.975	5.5316	1.25503	0.00018	44.9532	250.000
3.0375	10935	44.9532	26.287	37.00	41.250	2267.378	55.374	-5.206	30.943	5.038	6.786	31.496	33.975	5.5316	1.25492	0.00018	44.9533	250.000
3.0378	10936	44.9533	26.287	37.00	41.250	2267.580	55.379	-5.206	30.944	5.038	6.786	31.496	33.975	5.5316	1.25480	0.00018	44.9535	250.000
3.0381	10937	44.9535	26.287	37.00	41.250	2267.782	55.384	-5.206	30.945	5.038	6.786	31.496	33.975	5.5316	1.25469	0.00018	44.9537	250.000
3.0383	10938	44.9537	26.287	37.00	41.250	2267.984	55.389	-5.206	30.945	5.038	6.786	31.496	33.975	5.5316	1.25457	0.00018	44.9539	250.000
3.0386	10939	44.9539	26.287	37.00	41.250	2268.186	55.394	-5.206	30.946	5.038	6.786	31.496	33.975	5.5316	1.25446	0.00018	44.9541	250.000
3.0389	10940	44.9541	26.287	37.00	41.250	2268.388	55.399	-5.206	30.947	5.039	6.786	31.496	33.975	5.5316	1.25435	0.00018	44.9542	250.000
3.0392	10941	44.9542	26.288	37.00	41.250	2268.590	55.404	-5.206	30.947	5.039	6.786	31.496	33.975	5.5316	1.25423	0.00018	44.9544	250.000
3.0394	10942	44.9544	26.288	37.00	41.250	2268.792	55.408	-5.206	30.948	5.039	6.786	31.496	33.975	5.5316	1.25412	0.00018	44.9546	250.000
3.0397	10943	44.9546	26.288	37.00	41.250	2268.994	55.413	-5.206	30.949	5.039	6.786	31.496	33.975	5.5316	1.25401	0.00018	44.9548	250.000
3.0400	10944	44.9548	26.288	37.00	41.250	2269.196	55.418	-5.206	30.949	5.039	6.785	31.496	33.975	5.5316	1.25389	0.00018	44.9550	250.000
3.0403	10945	44.9550	26.288	37.00	41.250	2269.398	55.423	-5.206	30.950	5.039	6.785	31.496	33.975	5.5316	1.25378	0.00018	44.9551	250.000
3.0406	10946	44.9551	26.289	37.00	41.250	2269.600	55.428	-5.206	30.951	5.039	6.785	31.496	33.975	5.5316	1.25367	0.00018	44.9553	250.000
3.0408	10947	44.9553	26.289	37.00	41.250	2269.802	55.433	-5.206	30.952	5.039	6.785	31.496	33.975	5.5316	1.25355	0.00018	44.9555	250.000
3.0411	10948	44.9555	26.289	37.00	41.250	2270.004	55.438	-5.206	30.952	5.039	6.785	31.496	33.975	5.5316	1.25344	0.00018	44.9557	250.000
3.0414	10949	44.9557	26.289	37.00	41.250	2270.206	55.443	-5.206	30.953	5.040	6.785	31.496	33.975	5.5316	1.25333	0.00018	44.9559	250.000
3.0417	10950	44.9559	26.289	37.00	41.250	2270.408	55.448	-5.206	30.954	5.040	6.785	31.496	33.975	5.5316	1.25321	0.00018	44.9560	250.000
3.0419	10951	44.9560	26.289	37.00	41.250	2270.610	55.453	-5.206	30.954	5.040	6.785	31.496	33.975	5.5316	1.25310	0.00018	44.9562	250.000
3.0422	10952	44.9562	26.290	37.00	41.250	2270.812	55.458	-5.206	30.955	5.040	6.785	31.496	33.975	5.5316	1.25299	0.00018	44.9564	250.000
3.0425	10953	44.9564	26.290	37.00	41.250	2271.014	55.463	-5.206	30.956	5.040	6.784	31.496	33.975	5.5316	1.25287	0.00018	44.9566	250.000
3.0428	10954	44.9566	26.290	37.00	41.250	2271.216	55.468	-5.206	30.956	5.040	6.784	31.496	33.975	5.5316	1.25276	0.00018	44.9567	250.000
3.0431	10955	44.9567	26.290	37.00	41.250	2271.418	55.473	-5.206	30.957	5.040	6.784	31.496	33.975	5.5316	1.25265	0.00018	44.9569	250.000
3.0433	10956	44.9569	26.290	37.00	41.250	2271.620	55.478	-5.206	30.958	5.040	6.784	31.496	33.975	5.5316	1.25253	0.00018	44.9571	250.000
3.0436	10957	44.9571	26.290	37.00	41.250	2271.822	55.482	-5.206	30.958	5.040	6.784	31.496	33.975	5.5316	1.25242	0.00018	44.9573	250.000
3.0439	10958	44.9573	26.291	37.00	41.250	2272.025	55.487	-5.206	30.959	5.041	6.784	31.496	33.975	5.5316	1.25231	0.00018	44.9575	250.000
3.0442	10959	44.9575	26.291	37.00	41.250	2272.227	55.492	-5.206	30.960	5.041	6.784	31.496	33.975	5.5316	1.25219	0.00018	44.9576	250.000
3.0444	10960	44.9576	26.291	37.00	41.250	2272.429	55.497	-5.206	30.961	5.041	6.784	31.496	33.975	5.5316	1.25208	0.00018	44.9578	250.000
3.0447	10961	44.9578	26.291	37.00	41.250	2272.631	55.502	-5.206	30.961	5.041	6.784	31.496	33.975	5.5316	1.25197	0.00018	44.9580	250.000
3.0450	10962	44.9580	26.291	37.00	41.250	2272.833	55.507	-5.206	30.962	5.041	6.783	31.496	33.975	5.5316	1.25185	0.00018	44.9582	250.000
3.0453	10963	44.9582	26.292	37.00	41.250	2273.035	55.512	-5.206	30.963	5.041	6.783	31.496	33.975	5.5316	1.25174	0.00018	44.9584	250.000
3.0456	10964	44.9584	26.292	37.00	41.250	2273.237	55.517	-5.206	30.963	5.041	6.783	31.496	33.975	5.5316	1.25163	0.00018	44.9585	250.000
3.0458	10965	44.9585	26.292	37.00	41.250	2273.439	55.522	-5.206	30.964	5.041	6.783	31.496	33.975	5.5316	1.25151	0.00018	44.9587	250.000
3.0461	10966	44.9587	26.292	37.00	41.250	2273.641	55.527	-5.206	30.965	5.041	6.783	31.496	33.975	5.5316	1.25140	0.00018	44.9589	250.000
3.0464	10967	44.9589	26.292	37.00	41.250	2273.843	55.532	-5.206	30.965	5.042	6.783	31.496	33.975	5.5316	1.25129	0.00018	44.9591	250.000
3.0467	10968	44.9591	26.292	37.00	41.250	2274.045	55.537	-5.206	30.966	5.042	6.783	31.496	33.975	5.5316	1.25117	0.00018	44.9593	250.000
3.0469	10969	44.9593	26.293	37.00	41.250	2274.247	55.542	-5.206	30.967	5.042	6.783	31.496	33.975	5.5316	1.25106	0.00018	44.9594	250.000
3.0472	10970	44.9594	26.293	37.00	41.250	2274.449	55.547	-5.206	30.968	5.042	6.783	31.496	33.975	5.5316	1.25095	0.00018	44.9596	250.000
3.0475	10971	44.9596	26.293	37.00	41.250	2274.651	55.552	-5.206	30.968	5.042	6.782	31.496	33.975	5.5316	1.25083	0.00018	44.9598	250.000
3.0478	10972	44.9598	26.293	37.00	41.250	2274.853	55.556	-5.206	30.969	5.042	6.782	31.496	33.975	5.5316	1.25072	0.00018	44.9600	250.000
3.0481	10973	44.9600	26.293	37.00	41.250	2275.055	55.561	-5.206	30.970	5.042	6.782	31.496	33.975	5.5316	1.25061	0.00018	44.9601	250.000
3.0483	10974	44.9601	26.294	37.00	41.250	2275.257	55.566	-5.206	30.970	5.042	6.782	31.496	33.975	5.5316	1.25049	0.00018	44.9603	250.000
3.0486	10975	44.9603	26.294	37.00	41.250	2275.459	55.571	-5.206	30.971	5.042	6.782	31.496	33.975	5.5316	1.25038	0.00018	44.9605	250.000
3.0489	10976	44.9605	26.294	37.00	41.250	2275.661	55.576	-5.206	30.972	5.043	6.782	31.496	33.975	5.5316	1.25027	0.00018	44.9607	250.000
3.0492	10977	44.9607	26.294	37.00	41.250	2275.863	55.581	-5.206	30.972	5.043	6.782	31.496	33.975	5.5316	1.25015	0.00018	44.9609	250.000
3.0494	10978	44.9609	26.294	37.00	41.250	2276.065	55.586	-5.206	30.973	5.043	6.782	31.496	33.975	5.5316	1.25004	0.00018	44.9610	250.000
3.0497	10979	44.9610	26.294	37.00	41.250	2276.267	55.591	-5.206	30.974	5.043	6.781	31.496	33.975	5.5316	1.24993	0.00018	44.9612	250.000
3.0500	10980	44.9612	26.295	37.00	41.250	2276.469	55.596	-5.206	30.974	5.043	6.781	31.496	33.975	5.5316	1.24982	0.00018	44.9614	250.000
3.0503	10981	44.9614	26.295	37.00	41.250	2276.671	55.601	-5.206	30.975	5.043	6.781	31.496	33.975	5.5316	1.24970	0.00018	44.9616	250.000

3.0506	10982	44.9616	26.295	37.00	41.250	2276.873	55.606	-5.206	30.976	5.043	6.781	31.496	33.975	5.5316	1.24959	0.00018	44.9618	250.000
3.0508	10983	44.9618	26.295	37.00	41.250	2277.075	55.611	-5.206	30.977	5.043	6.781	31.496	33.975	5.5316	1.24948	0.00018	44.9619	250.000
3.0511	10984	44.9619	26.295	37.00	41.250	2277.277	55.616	-5.206	30.977	5.044	6.781	31.496	33.975	5.5316	1.24936	0.00018	44.9621	250.000
3.0514	10985	44.9621	26.295	37.00	41.250	2277.479	55.621	-5.206	30.978	5.044	6.781	31.496	33.975	5.5316	1.24925	0.00018	44.9623	250.000
3.0517	10986	44.9623	26.296	37.00	41.250	2277.681	55.626	-5.206	30.979	5.044	6.781	31.496	33.975	5.5316	1.24914	0.00018	44.9625	250.000
3.0519	10987	44.9625	26.296	37.00	41.250	2277.883	55.630	-5.206	30.979	5.044	6.781	31.496	33.975	5.5316	1.24902	0.00018	44.9626	250.000
3.0522	10988	44.9626	26.296	37.00	41.250	2278.085	55.635	-5.206	30.980	5.044	6.780	31.496	33.975	5.5316	1.24891	0.00018	44.9628	250.000
3.0525	10989	44.9628	26.296	37.00	41.250	2278.287	55.640	-5.206	30.981	5.044	6.780	31.496	33.975	5.5316	1.24880	0.00018	44.9630	250.000
3.0528	10990	44.9630	26.296	37.00	41.250	2278.489	55.645	-5.206	30.981	5.044	6.780	31.496	33.975	5.5316	1.24868	0.00018	44.9632	250.000
3.0531	10991	44.9632	26.297	37.00	41.250	2278.692	55.650	-5.206	30.982	5.044	6.780	31.496	33.975	5.5316	1.24857	0.00018	44.9634	250.000
3.0533	10992	44.9634	26.297	37.00	41.250	2278.894	55.655	-5.206	30.983	5.044	6.780	31.496	33.975	5.5316	1.24846	0.00018	44.9635	250.000
3.0536	10993	44.9635	26.297	37.00	41.250	2279.096	55.660	-5.206	30.984	5.045	6.780	31.496	33.975	5.5316	1.24835	0.00018	44.9637	250.000
3.0539	10994	44.9637	26.297	37.00	41.250	2279.298	55.665	-5.206	30.984	5.045	6.780	31.496	33.975	5.5316	1.24823	0.00018	44.9639	250.000
3.0542	10995	44.9639	26.297	37.00	41.250	2279.500	55.670	-5.206	30.985	5.045	6.780	31.496	33.975	5.5316	1.24812	0.00018	44.9641	250.000
3.0544	10996	44.9641	26.297	37.00	41.250	2279.702	55.675	-5.206	30.986	5.045	6.780	31.496	33.975	5.5316	1.24801	0.00018	44.9642	250.000
3.0547	10997	44.9642	26.298	37.00	41.250	2279.904	55.680	-5.206	30.986	5.045	6.779	31.496	33.975	5.5316	1.24789	0.00018	44.9644	250.000
3.0550	10998	44.9644	26.298	37.00	41.250	2280.106	55.685	-5.206	30.987	5.045	6.779	31.496	33.975	5.5316	1.24778	0.00018	44.9646	250.000
3.0553	10999	44.9646	26.298	37.00	41.250	2280.308	55.690	-5.206	30.988	5.045	6.779	31.496	33.975	5.5316	1.24767	0.00018	44.9648	250.000
3.0556	11000	44.9648	26.298	37.00	41.250	2280.510	55.695	-5.206	30.988	5.045	6.779	31.496	33.975	5.5316	1.24756	0.00018	44.9650	250.000
3.0558	11001	44.9650	26.298	37.00	41.250	2280.712	55.700	-5.206	30.989	5.045	6.779	31.496	33.975	5.5316	1.24744	0.00018	44.9651	250.000
3.0561	11002	44.9651	26.299	37.00	41.250	2280.914	55.704	-5.206	30.990	5.046	6.779	31.496	33.975	5.5316	1.24733	0.00018	44.9653	250.000
3.0564	11003	44.9653	26.299	37.00	41.250	2281.116	55.709	-5.206	30.990	5.046	6.779	31.496	33.975	5.5316	1.24722	0.00018	44.9655	250.000
3.0567	11004	44.9655	26.299	37.00	41.250	2281.318	55.714	-5.206	30.991	5.046	6.779	31.496	33.975	5.5316	1.24710	0.00018	44.9657	250.000
3.0569	11005	44.9657	26.299	37.00	41.250	2281.520	55.719	-5.206	30.992	5.046	6.779	31.496	33.975	5.5316	1.24699	0.00018	44.9659	250.000
3.0572	11006	44.9659	26.299	37.00	41.250	2281.722	55.724	-5.206	30.993	5.046	6.778	31.496	33.975	5.5316	1.24688	0.00018	44.9660	250.000
3.0575	11007	44.9660	26.299	37.00	41.250	2281.924	55.729	-5.206	30.993	5.046	6.778	31.496	33.975	5.5316	1.24677	0.00018	44.9662	250.000
3.0578	11008	44.9662	26.300	37.00	41.250	2282.126	55.734	-5.206	30.994	5.046	6.778	31.496	33.975	5.5316	1.24665	0.00018	44.9664	250.000
3.0581	11009	44.9664	26.300	37.00	41.250	2282.328	55.739	-5.206	30.995	5.046	6.778	31.496	33.975	5.5316	1.24654	0.00018	44.9666	250.000
3.0583	11010	44.9666	26.300	37.00	41.250	2282.530	55.744	-5.206	30.995	5.046	6.778	31.496	33.975	5.5316	1.24643	0.00018	44.9667	250.000
3.0586	11011	44.9667	26.300	37.00	41.250	2282.732	55.749	-5.206	30.996	5.047	6.778	31.496	33.975	5.5316	1.24631	0.00018	44.9669	250.000
3.0589	11012	44.9669	26.300	37.00	41.250	2282.934	55.754	-5.206	30.997	5.047	6.778	31.496	33.975	5.5316	1.24620	0.00018	44.9671	250.000
3.0592	11013	44.9671	26.300	37.00	41.250	2283.136	55.759	-5.206	30.997	5.047	6.778	31.496	33.975	5.5316	1.24609	0.00018	44.9673	250.000
3.0594	11014	44.9673	26.301	37.00	41.250	2283.338	55.764	-5.206	30.998	5.047	6.778	31.496	33.975	5.5316	1.24598	0.00018	44.9675	250.000
3.0597	11015	44.9675	26.301	37.00	41.250	2283.540	55.769	-5.206	30.999	5.047	6.777	31.496	33.975	5.5316	1.24586	0.00018	44.9676	250.000
3.0600	11016	44.9676	26.301	37.00	41.250	2283.742	55.774	-5.206	30.999	5.047	6.777	31.496	33.975	5.5316	1.24575	0.00018	44.9678	250.000
3.0603	11017	44.9678	26.301	37.00	41.250	2283.944	55.779	-5.206	31.000	5.047	6.777	31.496	33.975	5.5316	1.24564	0.00018	44.9680	250.000
3.0606	11018	44.9680	26.301	37.00	41.250	2284.146	55.783	-5.206	31.001	5.047	6.777	31.496	33.975	5.5316	1.24552	0.00018	44.9682	250.000
3.0608	11019	44.9682	26.302	37.00	41.250	2284.348	55.788	-5.206	31.002	5.047	6.777	31.496	33.975	5.5316	1.24541	0.00018	44.9683	250.000
3.0611	11020	44.9683	26.302	37.00	41.250	2284.550	55.793	-5.206	31.002	5.048	6.777	31.496	33.975	5.5316	1.24530	0.00018	44.9685	250.000
3.0614	11021	44.9685	26.302	37.00	41.250	2284.752	55.798	-5.206	31.003	5.048	6.777	31.496	33.975	5.5316	1.24519	0.00018	44.9687	250.000
3.0617	11022	44.9687	26.302	37.00	41.250	2284.954	55.803	-5.206	31.004	5.048	6.777	31.496	33.975	5.5316	1.24507	0.00018	44.9689	250.000
3.0619	11023	44.9689	26.302	37.00	41.250	2285.156	55.808	-5.206	31.004	5.048	6.777	31.496	33.975	5.5316	1.24496	0.00018	44.9691	250.000
3.0622	11024	44.9691	26.302	37.00	41.250	2285.358	55.813	-5.206	31.005	5.048	6.776	31.496	33.975	5.5316	1.24485	0.00018	44.9692	250.000
3.0625	11025	44.9692	26.303	37.00	41.250	2285.561	55.818	-5.206	31.006	5.048	6.776	31.496	33.975	5.5316	1.24474	0.00018	44.9694	250.000
3.0628	11026	44.9694	26.303	37.00	41.250	2285.763	55.823	-5.206	31.006	5.048	6.776	31.496	33.975	5.5316	1.24462	0.00018	44.9696	250.000
3.0631	11027	44.9696	26.303	37.00	41.250	2285.965	55.828	-5.206	31.007	5.048	6.776	31.496	33.975	5.5316	1.24451	0.00018	44.9698	250.000
3.0633	11028	44.9698	26.303	37.00	41.250	2286.167	55.833	-5.206	31.008	5.048	6.776	31.496	33.975	5.5316	1.24440	0.00018	44.9699	250.000
3.0636	11029	44.9699	26.303	37.00	41.250	2286.369	55.838	-5.206	31.008	5.049	6.776	31.496	33.975	5.5316	1.24429	0.00018	44.9701	250.000
3.0639	11030	44.9701	26.304	37.00	41.250	2286.571	55.843	-5.206	31.009	5.049	6.776	31.496	33.975	5.5316	1.24417	0.00018	44.9703	250.000
3.0642	11031	44.9703	26.304	37.00	41.250	2286.773	55.848	-5.206	31.010	5.049	6.776	31.496	33.975	5.5316	1.24406	0.00018	44.9705	250.000
3.0644	11032	44.9705	26.304	37.00	41.250	2286.975	55.853	-5.206	31.011	5.049	6.776	31.496	33.975	5.5316	1.24395	0.00018	44.9707	250.000
3.0647	11033	44.9707	26.304	37.00	41.250	2287.177	55.857	-5.206	31.011	5.049	6.775	31.496	33.975	5.5316	1.24384	0.00018	44.9708	250.000
3.0650	11034	44.9708	26.304	37.00	41.250	2287.379	55.862	-5.206	31.012	5.049	6.775	31.496	33.975	5.5316	1.24372	0.00018	44.9710	250.000
3.0653	11035	44.9710	26.304	37.00	41.250	2287.581	55.867	-5.206	31.013	5.049	6.775	31.496	33.975	5.5316	1.24361	0.00018	44.9712	250.000
3.0656	11036	44.9712	26.305	37.00	41.250	2287.783	55.872	-5.206	31.013	5.049	6.775	31.496	33.975	5.5316	1.24350	0.00018	44.9714	250.000
3.0658	11037	44.9714	26.305	37.00	41.250	2287.985	55.877	-5.206	31.014	5.049	6.775	31.496	33.975	5.5316	1.24339	0.00018	44.9715	250.000
3.0661	11038	44.9715	26.305	37.00	41.250	2288.187	55.882	-5.206	31.015	5.050	6.775	31.496	33.975	5.5316	1.24327	0.00018	44.9717	250.000
3.0664	11039	44.9717	26.305	37.00	41.250	2288.389	55.887	-5.206	31.015	5.050	6.775	31.496	33.975	5.5316	1.24316	0.00018	44.9719	250.000
3.0667	11040	44.9719	26.305	37.00	41.250	2288.591	55.892	-5.206	31.016	5.050	6.775	31.496	33.975	5.5316	1.24305	0.00018	44.9721	250.000
3.0669	11041	44.9721	26.305	37.00	41.250	2288.793	55.897	-5.206	31.017	5.050	6.774	31.496	33.975	5.5316	1.24294	0.00018	44.9723	250.000
3.0672	11042	44.9723	26.306	37.00	41.250	2288.995	55.902	-5.206	31.017	5.050	6.774	31.496	33.975	5.5316	1.24282	0.00018	44.9724	250.000
3.0675	11043	44.9724	26.306	37.00	41.250	2289.197	55.907	-5.206	31.018	5.050	6.774	31.496	33.975	5.5316	1.24271	0.00018	44.9726	250.000
3.0678	11044	44.9726	26.306	37.00	41.250	2289.399	55.912	-5.206	31.019	5.050	6.774	31.496	33.975	5.5316	1.24260	0.00018	44.9728	250.000
3.0681	11045	44.9728	26.306	37.00	41.250	2289.601	55.917	-5.206	31.020	5.050	6.774	31.496	33.975	5.5316	1.24249	0.00018	44.9730	250.000
3.0683	11046	44.9730	26.306	37.00	41.250	2289.803	55.922	-5.206	31.020	5.051	6.774	31.496	33.975	5.5316	1.24237	0.00018	44.9731	250.000
3.0686	11047	44.9731	26.307	37.00	41.250	2290.005	55.927	-5.206	31.021	5.051	6.774	31.496	33.975	5.5316	1.24226	0.00018	44.9733	250.000
3.0689	11048	44.9733	26.307	37.00	41.250	2290.207	55.931	-5.206	31.022	5.051	6.774	31.496	33.975	5.5316	1.24215	0.00018	44.9735	250.000
3.0692	11049	44.9735	26.307	37.00	41.250	2290.409	55.936	-5.206	31.022	5.051	6.774	31.496	33.975	5.5316	1.24204	0.00018	44.9737	250.000
3.0694	11050	44.9737	26.307	37.00	41.250	2290.611	55.941	-5.206	31.023	5.051	6.773	31.496	33.975	5.5316	1.24192	0.00018	44.9739	250.000
3.0697	11051	44.9739	26.307	37.00	41.250	2290.813	55.946	-5.206	31.024	5.051	6.773	31.496	33.975	5.5316	1.24181	0.00018	44.9740	250.000
3.0700	11052	44.9740	26.307	37.00	41.250	2291.015	55.951	-5.206	31.024	5.051	6.773	31.496	33.975	5.5316	1.24170	0.00018	44.9742	250.000
3.0703	11053	44.9742	26.308	37.00	41.250	2291.217	55.956	-5.206	31.025	5.051	6.773	31.496	33.975	5.5316	1.24159	0.00018	44.9744	250.000
3.0706	11054	44.9744	26.308	37.00	41.250	2291.419	55.961	-5.206	31.026	5.051	6.773	31.496	33.975	5.5316	1.24147	0.00018	44.9746	250.000
3.0708	11055	44.9746	26.308	37.00	41.250	2291.621	55.966	-5.206	31.026	5.052	6.773	31.496	33.975	5.5316	1.24136	0.00018	44.9747	250.000
3.0711	11056	44.9747	26.308	37.00	41.250	2291.823	55.971	-5.206	31.027	5.052	6.773	31.496	33.975	5.5316	1.24125	0.00018	44.9749	250.000
3.0714	11057	44.9749	26.308	37.00	41.250	2292.025	55.976	-5.206	31.028	5.052	6.773	31.496	33.975	5.5316	1.24114	0.00018	44.9751	250.000
3.0717	11058	44.9751	26.308	37.00	41.250	2292.228	55.981	-5.206	31.028	5.052	6.773	31.496	33.975	5.5316	1.24102	0.00018	44.9753	250.000
3.0719	11059	44.9753	26.309	37.00	41.250	2292.430	55.986	-5.206	31.029	5.052	6.772	31.496	33.975	5.5316	1.24091	0.00018	44.9754	250.000
3.0722	11060	44.9754	26.309	37.00	41.250	2292.632	55.991	-5.206	31.030	5.052	6.772	31.496	33.975	5.5316	1.24080	0.00018	44.9756	250.000
3.0725	11061	44.9756	26.309	37.00	41.250	2292.834	55.996	-5.206	31.031	5.052	6.772	31.496	33.975	5.5316	1.24069	0.00018	44.9758	250.000
3.0728	11062	44.9758	26.309	37.00	41.250	2293.036	56.001	-5.206	31.031	5.052	6.772	31.496	33.975	5.5316	1.24058	0.00018	44.9760	250.000

3.0731	11063	44.9760	26.309	37.00	41.250	2293.238	56.005	-5.206	31.032	5.052	6.772	31.496	33.975	5.5316	1.24046	0.00018	44.9762	250.000
3.0733	11064	44.9762	26.310	37.00	41.250	2293.440	56.010	-5.206	31.033	5.053	6.772	31.496	33.975	5.5316	1.24035	0.00018	44.9763	250.000
3.0736	11065	44.9763	26.310	37.00	41.250	2293.642	56.015	-5.206	31.033	5.053	6.772	31.496	33.975	5.5316	1.24024	0.00018	44.9765	250.000
3.0739	11066	44.9765	26.310	37.00	41.250	2293.844	56.020	-5.206	31.034	5.053	6.772	31.496	33.975	5.5316	1.24013	0.00018	44.9767	250.000
3.0742	11067	44.9767	26.310	37.00	41.250	2294.046	56.025	-5.206	31.035	5.053	6.772	31.496	33.975	5.5316	1.24001	0.00018	44.9769	250.000
3.0744	11068	44.9769	26.310	37.00	41.250	2294.248	56.030	-5.206	31.035	5.053	6.771	31.496	33.975	5.5316	1.23990	0.00018	44.9770	250.000
3.0747	11069	44.9770	26.310	37.00	41.250	2294.450	56.035	-5.206	31.036	5.053	6.771	31.496	33.975	5.5316	1.23979	0.00018	44.9772	250.000
3.0750	11070	44.9772	26.311	37.00	41.250	2294.652	56.040	-5.206	31.037	5.053	6.771	31.496	33.975	5.5316	1.23968	0.00018	44.9774	250.000
3.0753	11071	44.9774	26.311	37.00	41.250	2294.854	56.045	-5.206	31.037	5.053	6.771	31.496	33.975	5.5316	1.23957	0.00018	44.9776	250.000
3.0756	11072	44.9776	26.311	37.00	41.250	2295.056	56.050	-5.206	31.038	5.053	6.771	31.496	33.975	5.5316	1.23945	0.00018	44.9778	250.000
3.0758	11073	44.9778	26.311	37.00	41.250	2295.258	56.055	-5.206	31.039	5.054	6.771	31.496	33.975	5.5316	1.23934	0.00018	44.9779	250.000
3.0761	11074	44.9779	26.311	37.00	41.250	2295.460	56.060	-5.206	31.040	5.054	6.771	31.496	33.975	5.5316	1.23923	0.00018	44.9781	250.000
3.0764	11075	44.9781	26.311	37.00	41.250	2295.662	56.065	-5.206	31.040	5.054	6.771	31.496	33.975	5.5316	1.23912	0.00018	44.9783	250.000
3.0767	11076	44.9783	26.312	37.00	41.250	2295.864	56.070	-5.206	31.041	5.054	6.771	31.496	33.975	5.5316	1.23900	0.00018	44.9785	250.000
3.0769	11077	44.9785	26.312	37.00	41.250	2296.066	56.075	-5.206	31.042	5.054	6.770	31.496	33.975	5.5316	1.23889	0.00018	44.9786	250.000
3.0772	11078	44.9786	26.312	37.00	41.250	2296.268	56.079	-5.206	31.042	5.054	6.770	31.496	33.975	5.5316	1.23878	0.00018	44.9788	250.000
3.0775	11079	44.9788	26.312	37.00	41.250	2296.470	56.084	-5.206	31.043	5.054	6.770	31.496	33.975	5.5316	1.23867	0.00018	44.9790	250.000
3.0778	11080	44.9790	26.312	37.00	41.250	2296.672	56.089	-5.206	31.044	5.054	6.770	31.496	33.975	5.5316	1.23856	0.00018	44.9792	250.000
3.0781	11081	44.9792	26.313	37.00	41.250	2296.874	56.094	-5.206	31.044	5.054	6.770	31.496	33.975	5.5316	1.23844	0.00018	44.9793	250.000
3.0783	11082	44.9793	26.313	37.00	41.250	2297.076	56.099	-5.206	31.045	5.055	6.770	31.496	33.975	5.5316	1.23833	0.00018	44.9795	250.000
3.0786	11083	44.9795	26.313	37.00	41.250	2297.278	56.104	-5.206	31.046	5.055	6.770	31.496	33.975	5.5316	1.23822	0.00018	44.9797	250.000
3.0789	11084	44.9797	26.313	37.00	41.250	2297.480	56.109	-5.206	31.046	5.055	6.770	31.496	33.975	5.5316	1.23811	0.00018	44.9799	250.000
3.0792	11085	44.9799	26.313	37.00	41.250	2297.682	56.114	-5.206	31.047	5.055	6.770	31.496	33.975	5.5316	1.23800	0.00018	44.9801	250.000
3.0794	11086	44.9801	26.313	37.00	41.250	2297.884	56.119	-5.206	31.048	5.055	6.769	31.496	33.975	5.5316	1.23788	0.00018	44.9802	250.000
3.0797	11087	44.9802	26.314	37.00	41.250	2298.086	56.124	-5.206	31.048	5.055	6.769	31.496	33.975	5.5316	1.23777	0.00018	44.9804	250.000
3.0800	11088	44.9804	26.314	37.00	41.250	2298.288	56.129	-5.206	31.049	5.055	6.769	31.496	33.975	5.5316	1.23766	0.00018	44.9806	250.000
3.0803	11089	44.9806	26.314	37.00	41.250	2298.490	56.134	-5.206	31.050	5.055	6.769	31.496	33.975	5.5316	1.23755	0.00018	44.9808	250.000
3.0806	11090	44.9808	26.314	37.00	41.250	2298.692	56.139	-5.206	31.051	5.055	6.769	31.496	33.975	5.5316	1.23744	0.00018	44.9809	250.000
3.0808	11091	44.9809	26.314	37.00	41.250	2298.895	56.144	-5.206	31.051	5.056	6.769	31.496	33.975	5.5316	1.23732	0.00018	44.9811	250.000
3.0811	11092	44.9811	26.315	37.00	41.250	2299.097	56.149	-5.206	31.052	5.056	6.769	31.496	33.975	5.5316	1.23721	0.00018	44.9813	250.000
3.0814	11093	44.9813	26.315	37.00	41.250	2299.299	56.153	-5.206	31.053	5.056	6.769	31.496	33.975	5.5316	1.23710	0.00018	44.9815	250.000
3.0817	11094	44.9815	26.315	37.00	41.250	2299.501	56.158	-5.206	31.053	5.056	6.769	31.496	33.975	5.5316	1.23699	0.00018	44.9816	250.000
3.0819	11095	44.9816	26.315	37.00	41.250	2299.703	56.163	-5.206	31.054	5.056	6.768	31.496	33.975	5.5316	1.23688	0.00018	44.9818	250.000
3.0822	11096	44.9818	26.315	37.00	41.250	2299.905	56.168	-5.206	31.055	5.056	6.768	31.496	33.975	5.5316	1.23676	0.00018	44.9820	250.000
3.0825	11097	44.9820	26.315	37.00	41.250	2300.107	56.173	-5.206	31.055	5.056	6.768	31.496	33.975	5.5316	1.23665	0.00018	44.9822	250.000
3.0828	11098	44.9822	26.316	37.00	41.250	2300.309	56.178	-5.206	31.056	5.056	6.768	31.496	33.975	5.5316	1.23654	0.00018	44.9824	250.000
3.0831	11099	44.9824	26.316	37.00	41.250	2300.511	56.183	-5.206	31.057	5.056	6.768	31.496	33.975	5.5316	1.23643	0.00018	44.9825	250.000
3.0833	11100	44.9825	26.316	37.00	41.250	2300.713	56.188	-5.206	31.057	5.057	6.768	31.496	33.975	5.5316	1.23632	0.00018	44.9827	250.000
3.0836	11101	44.9827	26.316	37.00	41.250	2300.915	56.193	-5.206	31.058	5.057	6.768	31.496	33.975	5.5316	1.23620	0.00018	44.9829	250.000
3.0839	11102	44.9829	26.316	37.00	41.250	2301.117	56.198	-5.206	31.059	5.057	6.768	31.496	33.975	5.5316	1.23609	0.00018	44.9831	250.000
3.0842	11103	44.9831	26.316	37.00	41.250	2301.319	56.203	-5.206	31.059	5.057	6.768	31.496	33.975	5.5316	1.23598	0.00018	44.9832	250.000
3.0844	11104	44.9832	26.317	37.00	41.250	2301.521	56.208	-5.206	31.060	5.057	6.767	31.496	33.975	5.5316	1.23587	0.00018	44.9834	250.000
3.0847	11105	44.9834	26.317	37.00	41.250	2301.723	56.213	-5.206	31.061	5.057	6.767	31.496	33.975	5.5316	1.23576	0.00018	44.9836	250.000
3.0850	11106	44.9836	26.317	37.00	41.250	2301.925	56.218	-5.206	31.062	5.057	6.767	31.496	33.975	5.5316	1.23565	0.00018	44.9838	250.000
3.0853	11107	44.9838	26.317	37.00	41.250	2302.127	56.223	-5.206	31.062	5.057	6.767	31.496	33.975	5.5316	1.23553	0.00018	44.9839	250.000
3.0856	11108	44.9839	26.317	37.00	41.250	2302.329	56.227	-5.206	31.063	5.057	6.767	31.496	33.975	5.5316	1.23542	0.00018	44.9841	250.000
3.0858	11109	44.9841	26.318	37.00	41.250	2302.531	56.232	-5.206	31.064	5.058	6.767	31.496	33.975	5.5316	1.23531	0.00018	44.9843	250.000
3.0861	11110	44.9843	26.318	37.00	41.250	2302.733	56.237	-5.206	31.064	5.058	6.767	31.496	33.975	5.5316	1.23520	0.00018	44.9845	250.000
3.0864	11111	44.9845	26.318	37.00	41.250	2302.935	56.242	-5.206	31.065	5.058	6.767	31.496	33.975	5.5316	1.23509	0.00018	44.9846	250.000
3.0867	11112	44.9846	26.318	37.00	41.250	2303.137	56.247	-5.206	31.066	5.058	6.767	31.496	33.975	5.5316	1.23497	0.00018	44.9848	250.000
3.0869	11113	44.9848	26.318	37.00	41.250	2303.339	56.252	-5.206	31.066	5.058	6.766	31.496	33.975	5.5316	1.23486	0.00018	44.9850	250.000
3.0872	11114	44.9850	26.318	37.00	41.250	2303.541	56.257	-5.206	31.067	5.058	6.766	31.496	33.975	5.5316	1.23475	0.00018	44.9852	250.000
3.0875	11115	44.9852	26.319	37.00	41.250	2303.743	56.262	-5.206	31.068	5.058	6.766	31.496	33.975	5.5316	1.23464	0.00018	44.9854	250.000
3.0878	11116	44.9854	26.319	37.00	41.250	2303.945	56.267	-5.206	31.068	5.058	6.766	31.496	33.975	5.5316	1.23453	0.00018	44.9855	250.000
3.0881	11117	44.9855	26.319	37.00	41.250	2304.147	56.272	-5.206	31.069	5.058	6.766	31.496	33.975	5.5316	1.23442	0.00018	44.9857	250.000
3.0883	11118	44.9857	26.319	37.00	41.250	2304.349	56.277	-5.206	31.070	5.059	6.766	31.496	33.975	5.5316	1.23430	0.00018	44.9859	250.000
3.0886	11119	44.9859	26.319	37.00	41.250	2304.551	56.282	-5.206	31.070	5.059	6.766	31.496	33.975	5.5316	1.23419	0.00018	44.9861	250.000
3.0889	11120	44.9861	26.319	37.00	41.250	2304.753	56.287	-5.206	31.071	5.059	6.766	31.496	33.975	5.5316	1.23408	0.00018	44.9862	250.000
3.0892	11121	44.9862	26.320	37.00	41.250	2304.955	56.292	-5.206	31.072	5.059	6.766	31.496	33.975	5.5316	1.23397	0.00018	44.9864	250.000
3.0894	11122	44.9864	26.320	37.00	41.250	2305.157	56.297	-5.206	31.072	5.059	6.765	31.496	33.975	5.5316	1.23386	0.00018	44.9866	250.000
3.0897	11123	44.9866	26.320	37.00	41.250	2305.359	56.302	-5.206	31.073	5.059	6.765	31.496	33.975	5.5316	1.23375	0.00018	44.9868	250.000
3.0900	11124	44.9868	26.320	37.00	41.250	2305.561	56.306	-5.206	31.074	5.059	6.765	31.496	33.975	5.5316	1.23363	0.00018	44.9869	250.000
3.0903	11125	44.9869	26.320	37.00	41.250	2305.764	56.311	-5.206	31.075	5.059	6.765	31.496	33.975	5.5316	1.23352	0.00018	44.9871	250.000
3.0906	11126	44.9871	26.321	37.00	41.250	2305.966	56.316	-5.206	31.075	5.059	6.765	31.496	33.975	5.5316	1.23341	0.00018	44.9873	250.000
3.0908	11127	44.9873	26.321	37.00	41.250	2306.168	56.321	-5.206	31.076	5.060	6.765	31.496	33.975	5.5316	1.23330	0.00018	44.9875	250.000
3.0911	11128	44.9875	26.321	37.00	41.250	2306.370	56.326	-5.206	31.077	5.060	6.765	31.496	33.975	5.5316	1.23319	0.00018	44.9876	250.000
3.0914	11129	44.9876	26.321	37.00	41.250	2306.572	56.331	-5.206	31.077	5.060	6.765	31.496	33.975	5.5316	1.23308	0.00018	44.9878	250.000
3.0917	11130	44.9878	26.321	37.00	41.250	2306.774	56.336	-5.206	31.078	5.060	6.765	31.496	33.975	5.5316	1.23296	0.00018	44.9880	250.000
3.0919	11131	44.9880	26.321	37.00	41.250	2306.976	56.341	-5.206	31.079	5.060	6.764	31.496	33.975	5.5316	1.23285	0.00018	44.9882	250.000
3.0922	11132	44.9882	26.322	37.00	41.250	2307.178	56.346	-5.206	31.079	5.060	6.764	31.496	33.975	5.5316	1.23274	0.00018	44.9883	250.000
3.0925	11133	44.9883	26.322	37.00	41.250	2307.380	56.351	-5.206	31.080	5.060	6.764	31.496	33.975	5.5316	1.23263	0.00018	44.9885	250.000
3.0928	11134	44.9885	26.322	37.00	41.250	2307.582	56.356	-5.206	31.081	5.060	6.764	31.496	33.975	5.5316	1.23252	0.00018	44.9887	250.000
3.0931	11135	44.9887	26.322	37.00	41.250	2307.784	56.361	-5.206	31.081	5.060	6.764	31.496	33.975	5.5316	1.23241	0.00018	44.9889	250.000
3.0933	11136	44.9889	26.322	37.00	41.250	2307.986	56.366	-5.206	31.082	5.061	6.764	31.496	33.975	5.5316	1.23230	0.00018	44.9891	250.000
3.0936	11137	44.9891	26.322	37.00	41.250	2308.188	56.371	-5.206	31.083	5.061	6.764	31.496	33.975	5.5316	1.23218	0.00018	44.9892	250.000
3.0939	11138	44.9892	26.323	37.00	41.250	2308.390	56.376	-5.206	31.083	5.061	6.764	31.496	33.975	5.5316	1.23207	0.00018	44.9894	250.000
3.0942	11139	44.9894	26.323	37.00	41.250	2308.592	56.380	-5.206	31.084	5.061	6.764	31.496	33.975	5.5316	1.23196	0.00018	44.9896	250.000
3.0944	11140	44.9896	26.323	37.00	41.250	2308.794	56.385	-5.206	31.085	5.061	6.763	31.496	33.975	5.5316	1.23185	0.00018	44.9898	250.000
3.0947	11141	44.9898	26.323	37.00	41.250	2308.996	56.390	-5.206	31.086	5.061	6.763	31.496	33.975	5.5316	1.23174	0.00018	44.9899	250.000
3.0950	11142	44.9899	26.323	37.00	41.250	2309.198	56.395	-5.206	31.086	5.061	6.763	31.496	33.975	5.5316	1.23163	0.00018	44.9901	250.000
3.0953	11143	44.9901	26.323	37.00	41.250	2309.400	56.400	-5.206	31.087	5.061	6.763	31.496	33.975	5.5316	1.23151	0.00018	44.9903	250.000

3.0956	11144	44.9903	26.324	37.00	41.250	2309.602	56.405	-5.206	31.088	5.061	6.763	31.496	33.975	5.5316	1.23140	0.00018	44.9905	250.000
3.0958	11145	44.9905	26.324	37.00	41.250	2309.804	56.410	-5.206	31.088	5.062	6.763	31.496	33.975	5.5316	1.23129	0.00018	44.9906	250.000
3.0961	11146	44.9906	26.324	37.00	41.250	2310.006	56.415	-5.206	31.089	5.062	6.763	31.496	33.975	5.5316	1.23118	0.00018	44.9908	250.000
3.0964	11147	44.9908	26.324	37.00	41.250	2310.208	56.420	-5.206	31.090	5.062	6.763	31.496	33.975	5.5316	1.23107	0.00018	44.9910	250.000
3.0967	11148	44.9910	26.324	37.00	41.250	2310.410	56.425	-5.206	31.090	5.062	6.763	31.496	33.975	5.5316	1.23096	0.00018	44.9912	250.000
3.0969	11149	44.9912	26.325	37.00	41.250	2310.612	56.430	-5.206	31.091	5.062	6.762	31.496	33.975	5.5316	1.23085	0.00018	44.9913	250.000
3.0972	11150	44.9913	26.325	37.00	41.250	2310.814	56.435	-5.206	31.092	5.062	6.762	31.496	33.975	5.5316	1.23073	0.00018	44.9915	250.000
3.0975	11151	44.9915	26.325	37.00	41.250	2311.016	56.440	-5.206	31.092	5.062	6.762	31.496	33.975	5.5316	1.23062	0.00018	44.9917	250.000
3.0978	11152	44.9917	26.325	37.00	41.250	2311.218	56.445	-5.206	31.093	5.062	6.762	31.496	33.975	5.5316	1.23051	0.00018	44.9919	250.000
3.0981	11153	44.9919	26.325	37.00	41.250	2311.420	56.450	-5.206	31.094	5.062	6.762	31.496	33.975	5.5316	1.23040	0.00018	44.9920	250.000
3.0983	11154	44.9920	26.325	37.00	41.250	2311.622	56.454	-5.206	31.094	5.063	6.762	31.496	33.975	5.5316	1.23029	0.00018	44.9922	250.000
3.0986	11155	44.9922	26.326	37.00	41.250	2311.824	56.459	-5.206	31.095	5.063	6.762	31.496	33.975	5.5316	1.23018	0.00018	44.9924	250.000
3.0989	11156	44.9924	26.326	37.00	41.250	2312.026	56.464	-5.206	31.096	5.063	6.762	31.496	33.975	5.5316	1.23007	0.00018	44.9926	250.000
3.0992	11157	44.9926	26.326	37.00	41.250	2312.228	56.469	-5.206	31.096	5.063	6.762	31.496	33.975	5.5316	1.22996	0.00018	44.9927	250.000
3.0994	11158	44.9927	26.326	37.00	41.250	2312.431	56.474	-5.206	31.097	5.063	6.761	31.496	33.975	5.5316	1.22984	0.00018	44.9929	250.000
3.0997	11159	44.9929	26.326	37.00	41.250	2312.633	56.479	-5.206	31.098	5.063	6.761	31.496	33.975	5.5316	1.22973	0.00018	44.9931	250.000
3.1000	11160	44.9931	26.326	37.00	41.250	2312.835	56.484	-5.206	31.099	5.063	6.761	31.496	33.975	5.5316	1.22962	0.00018	44.9933	250.000
3.1003	11161	44.9933	26.327	37.00	41.250	2313.037	56.489	-5.206	31.099	5.063	6.761	31.496	33.975	5.5316	1.22951	0.00018	44.9934	250.000
3.1006	11162	44.9934	26.327	37.00	41.250	2313.239	56.494	-5.206	31.100	5.063	6.761	31.496	33.975	5.5316	1.22940	0.00018	44.9936	250.000
3.1008	11163	44.9936	26.327	37.00	41.250	2313.441	56.499	-5.206	31.101	5.064	6.761	31.496	33.975	5.5316	1.22929	0.00018	44.9938	250.000
3.1011	11164	44.9938	26.327	37.00	41.250	2313.643	56.504	-5.206	31.101	5.064	6.761	31.496	33.975	5.5316	1.22918	0.00018	44.9940	250.000
3.1014	11165	44.9940	26.327	37.00	41.250	2313.845	56.509	-5.206	31.102	5.064	6.761	31.496	33.975	5.5316	1.22907	0.00018	44.9941	250.000
3.1017	11166	44.9941	26.328	37.00	41.250	2314.047	56.514	-5.206	31.103	5.064	6.761	31.496	33.975	5.5316	1.22895	0.00018	44.9943	250.000
3.1019	11167	44.9943	26.328	37.00	41.250	2314.249	56.519	-5.206	31.103	5.064	6.760	31.496	33.975	5.5316	1.22884	0.00018	44.9945	250.000
3.1022	11168	44.9945	26.328	37.00	41.250	2314.451	56.524	-5.206	31.104	5.064	6.760	31.496	33.975	5.5316	1.22873	0.00018	44.9947	250.000
3.1025	11169	44.9947	26.328	37.00	41.250	2314.653	56.528	-5.206	31.105	5.064	6.760	31.496	33.975	5.5316	1.22862	0.00018	44.9949	250.000
3.1028	11170	44.9949	26.328	37.00	41.250	2314.855	56.533	-5.206	31.105	5.064	6.760	31.496	33.975	5.5316	1.22851	0.00018	44.9950	250.000
3.1031	11171	44.9950	26.328	37.00	41.250	2315.057	56.538	-5.206	31.106	5.064	6.760	31.496	33.975	5.5316	1.22840	0.00018	44.9952	250.000
3.1033	11172	44.9952	26.329	37.00	41.250	2315.259	56.543	-5.206	31.107	5.065	6.760	31.496	33.975	5.5316	1.22829	0.00018	44.9954	250.000
3.1036	11173	44.9954	26.329	37.00	41.250	2315.461	56.548	-5.206	31.107	5.065	6.760	31.496	33.975	5.5316	1.22818	0.00018	44.9956	250.000
3.1039	11174	44.9956	26.329	37.00	41.250	2315.663	56.553	-5.206	31.108	5.065	6.760	31.496	33.975	5.5316	1.22806	0.00018	44.9957	250.000
3.1042	11175	44.9957	26.329	37.00	41.250	2315.865	56.558	-5.206	31.109	5.065	6.760	31.496	33.975	5.5316	1.22795	0.00018	44.9959	250.000
3.1044	11176	44.9959	26.329	37.00	41.250	2316.067	56.563	-5.206	31.109	5.065	6.759	31.496	33.975	5.5316	1.22784	0.00018	44.9961	250.000
3.1047	11177	44.9961	26.329	37.00	41.250	2316.269	56.568	-5.206	31.110	5.065	6.759	31.496	33.975	5.5316	1.22773	0.00018	44.9963	250.000
3.1050	11178	44.9963	26.330	37.00	41.250	2316.471	56.573	-5.206	31.111	5.065	6.759	31.496	33.975	5.5316	1.22762	0.00018	44.9964	250.000
3.1053	11179	44.9964	26.330	37.00	41.250	2316.673	56.578	-5.206	31.111	5.065	6.759	31.496	33.975	5.5316	1.22751	0.00018	44.9966	250.000
3.1056	11180	44.9966	26.330	37.00	41.250	2316.875	56.583	-5.206	31.112	5.065	6.759	31.496	33.975	5.5316	1.22740	0.00018	44.9968	250.000
3.1058	11181	44.9968	26.330	37.00	41.250	2317.077	56.588	-5.206	31.113	5.066	6.759	31.496	33.975	5.5316	1.22729	0.00018	44.9970	250.000
3.1061	11182	44.9970	26.330	37.00	41.250	2317.279	56.593	-5.206	31.114	5.066	6.759	31.496	33.975	5.5316	1.22718	0.00018	44.9971	250.000
3.1064	11183	44.9971	26.331	37.00	41.250	2317.481	56.598	-5.206	31.114	5.066	6.759	31.496	33.975	5.5316	1.22706	0.00018	44.9973	250.000
3.1067	11184	44.9973	26.331	37.00	41.250	2317.683	56.602	-5.206	31.115	5.066	6.759	31.496	33.975	5.5316	1.22695	0.00018	44.9975	250.000
3.1069	11185	44.9975	26.331	37.00	41.250	2317.885	56.607	-5.206	31.116	5.066	6.758	31.496	33.975	5.5316	1.22684	0.00018	44.9977	250.000
3.1072	11186	44.9977	26.331	37.00	41.250	2318.087	56.612	-5.206	31.116	5.066	6.758	31.496	33.975	5.5316	1.22673	0.00018	44.9978	250.000
3.1075	11187	44.9978	26.331	37.00	41.250	2318.289	56.617	-5.206	31.117	5.066	6.758	31.496	33.975	5.5316	1.22662	0.00018	44.9980	250.000
3.1078	11188	44.9980	26.331	37.00	41.250	2318.491	56.622	-5.206	31.118	5.066	6.758	31.496	33.975	5.5316	1.22651	0.00018	44.9982	250.000
3.1081	11189	44.9982	26.332	37.00	41.250	2318.693	56.627	-5.206	31.118	5.066	6.758	31.496	33.975	5.5316	1.22640	0.00018	44.9984	250.000
3.1083	11190	44.9984	26.332	37.00	41.250	2318.895	56.632	-5.206	31.119	5.067	6.758	31.496	33.975	5.5316	1.22629	0.00018	44.9985	250.000
3.1086	11191	44.9985	26.332	37.00	41.250	2319.097	56.637	-5.206	31.120	5.067	6.758	31.496	33.975	5.5316	1.22618	0.00018	44.9987	250.000
3.1089	11192	44.9987	26.332	37.00	41.250	2319.300	56.642	-5.206	31.120	5.067	6.758	31.496	33.975	5.5316	1.22607	0.00018	44.9989	250.000
3.1092	11193	44.9989	26.332	37.00	41.250	2319.502	56.647	-5.206	31.121	5.067	6.758	31.496	33.975	5.5316	1.22595	0.00018	44.9991	250.000
3.1094	11194	44.9991	26.332	37.00	41.250	2319.704	56.652	-5.206	31.122	5.067	6.757	31.496	33.975	5.5316	1.22584	0.00018	44.9992	250.000
3.1097	11195	44.9992	26.333	37.00	41.250	2319.906	56.657	-5.206	31.122	5.067	6.757	31.496	33.975	5.5316	1.22573	0.00018	44.9994	250.000
3.1100	11196	44.9994	26.333	37.00	41.250	2320.108	56.662	-5.206	31.123	5.067	6.757	31.496	33.975	5.5316	1.22562	0.00018	44.9996	250.000
3.1103	11197	44.9996	26.333	37.00	41.250	2320.310	56.667	-5.206	31.124	5.067	6.757	31.496	33.975	5.5316	1.22551	0.00018	44.9998	250.000
3.1106	11198	44.9998	26.333	37.00	41.250	2320.512	56.672	-5.206	31.124	5.067	6.757	31.496	33.975	5.5316	1.22540	0.00018	44.9999	250.000
3.1108	11199	44.9999	26.333	37.00	41.250	2320.714	56.676	-5.206	31.125	5.068	6.757	31.496	33.975	5.5316	1.22529	0.00018	45.0001	250.000
3.1111	11200	45.0001	26.333	37.00	41.250	2320.916	56.681	-5.206	31.126	5.068	6.757	31.496	33.975	5.5316	1.22518	0.00018	45.0003	250.000
3.1114	11201	45.0003	26.334	37.00	41.250	2321.118	56.686	-5.206	31.126	5.068	6.757	31.496	33.975	5.5316	1.22507	0.00018	45.0005	250.000
3.1117	11202	45.0005	26.334	37.00	41.250	2321.320	56.691	-5.206	31.127	5.068	6.757	31.496	33.975	5.5316	1.22496	0.00017	45.0006	250.000
3.1119	11203	45.0006	26.334	37.00	41.250	2321.522	56.696	-5.206	31.128	5.068	6.756	31.496	33.975	5.5316	1.22485	0.00017	45.0008	250.000
3.1122	11204	45.0008	26.334	37.00	41.250	2321.724	56.701	-5.206	31.129	5.068	6.756	31.496	33.975	5.5316	1.22473	0.00017	45.0010	250.000
3.1125	11205	45.0010	26.334	37.00	41.250	2321.926	56.706	-5.206	31.129	5.068	6.756	31.496	33.975	5.5316	1.22462	0.00017	45.0012	250.000
3.1128	11206	45.0012	26.335	37.00	41.250	2322.128	56.711	-5.206	31.130	5.068	6.756	31.496	33.975	5.5316	1.22451	0.00017	45.0013	250.000
3.1131	11207	45.0013	26.335	37.00	41.250	2322.330	56.716	-5.206	31.131	5.068	6.756	31.496	33.975	5.5316	1.22440	0.00017	45.0015	250.000
3.1133	11208	45.0015	26.335	37.00	41.250	2322.532	56.721	-5.206	31.131	5.069	6.756	31.496	33.975	5.5316	1.22429	0.00017	45.0017	250.000
3.1136	11209	45.0017	26.335	37.00	41.250	2322.734	56.726	-5.206	31.132	5.069	6.756	31.496	33.975	5.5316	1.22418	0.00017	45.0019	250.000
3.1139	11210	45.0019	26.335	37.00	41.250	2322.936	56.731	-5.206	31.133	5.069	6.756	31.496	33.975	5.5316	1.22407	0.00017	45.0020	250.000
3.1142	11211	45.0020	26.335	37.00	41.250	2323.138	56.736	-5.206	31.133	5.069	6.756	31.496	33.975	5.5316	1.22396	0.00017	45.0022	250.000
3.1144	11212	45.0022	26.336	37.00	41.250	2323.340	56.741	-5.206	31.134	5.069	6.755	31.496	33.975	5.5316	1.22385	0.00017	45.0024	250.000
3.1147	11213	45.0024	26.336	37.00	41.250	2323.542	56.746	-5.206	31.135	5.069	6.755	31.496	33.975	5.5316	1.22374	0.00017	45.0026	250.000
3.1150	11214	45.0026	26.336	37.00	41.250	2323.744	56.750	-5.206	31.135	5.069	6.755	31.496	33.975	5.5316	1.22363	0.00017	45.0027	250.000
3.1153	11215	45.0027	26.336	37.00	41.250	2323.946	56.755	-5.206	31.136	5.069	6.755	31.496	33.975	5.5316	1.22352	0.00017	45.0029	250.000
3.1156	11216	45.0029	26.336	37.00	41.250	2324.148	56.760	-5.206	31.137	5.069	6.755	31.496	33.975	5.5316	1.22341	0.00017	45.0031	250.000
3.1158	11217	45.0031	26.336	37.00	41.250	2324.350	56.765	-5.206	31.137	5.070	6.755	31.496	33.975	5.5316	1.22329	0.00017	45.0033	250.000
3.1161	11218	45.0033	26.337	37.00	41.250	2324.552	56.770	-5.206	31.138	5.070	6.755	31.496	33.975	5.5316	1.22318	0.00017	45.0034	250.000
3.1164	11219	45.0034	26.337	37.00	41.250	2324.754	56.775	-5.206	31.139	5.070	6.755	31.496	33.975	5.5316	1.22307	0.00017	45.0036	250.000
3.1167	11220	45.0036	26.337	37.00	41.250	2324.956	56.780	-5.206	31.139	5.070	6.755	31.496	33.975	5.5316	1.22296	0.00017	45.0038	250.000
3.1169	11221	45.0038	26.337	37.00	41.250	2325.158	56.785	-5.206	31.140	5.070	6.754	31.496	33.975	5.5316	1.22285	0.00017	45.0040	250.000
3.1172	11222	45.0040	26.337	37.00	41.250	2325.360	56.790	-5.206	31.141	5.070	6.754	31.496	33.975	5.5316	1.22274	0.00017	45.0041	250.000
3.1175	11223	45.0041	26.338	37.00	41.250	2325.562	56.795	-5.206	31.141	5.070	6.754	31.496	33.975	5.5316	1.22263	0.00017	45.0043	250.000
3.1178	11224	45.0043	26.338	37.00	41.250	2325.764	56.800	-5.206	31.142	5.070	6.754	31.496	33.975	5.5316	1.22252	0.00017	45.0045	250.000

3.1181	11225	45.0045	26.338	37.00	41.250	2325.967	56.805	-5.206	31.143	5.070	6.754	31.496	33.975	5.5316	1.22241	0.00017	45.0047	250.000
3.1183	11226	45.0047	26.338	37.00	41.250	2326.169	56.810	-5.206	31.143	5.071	6.754	31.496	33.975	5.5316	1.22230	0.00017	45.0048	250.000
3.1186	11227	45.0048	26.338	37.00	41.250	2326.371	56.815	-5.206	31.144	5.071	6.754	31.496	33.975	5.5316	1.22219	0.00017	45.0050	250.000
3.1189	11228	45.0050	26.338	37.00	41.250	2326.573	56.820	-5.206	31.145	5.071	6.754	31.496	33.975	5.5316	1.22208	0.00017	45.0052	250.000
3.1192	11229	45.0052	26.339	37.00	41.250	2326.775	56.825	-5.206	31.146	5.071	6.754	31.496	33.975	5.5316	1.22197	0.00017	45.0054	250.000
3.1194	11230	45.0054	26.339	37.00	41.250	2326.977	56.829	-5.206	31.146	5.071	6.753	31.496	33.975	5.5316	1.22186	0.00017	45.0055	250.000
3.1197	11231	45.0055	26.339	37.00	41.250	2327.179	56.834	-5.206	31.147	5.071	6.753	31.496	33.975	5.5316	1.22175	0.00017	45.0057	250.000
3.1200	11232	45.0057	26.339	37.00	41.250	2327.381	56.839	-5.206	31.148	5.071	6.753	31.496	33.975	5.5316	1.22164	0.00017	45.0059	250.000
3.1203	11233	45.0059	26.339	37.00	41.250	2327.583	56.844	-5.206	31.148	5.071	6.753	31.496	33.975	5.5316	1.22152	0.00017	45.0061	250.000
3.1206	11234	45.0061	26.339	37.00	41.250	2327.785	56.849	-5.206	31.149	5.071	6.753	31.496	33.975	5.5316	1.22141	0.00017	45.0062	250.000
3.1208	11235	45.0062	26.340	37.00	41.250	2327.987	56.854	-5.206	31.150	5.072	6.753	31.496	33.975	5.5316	1.22130	0.00017	45.0064	250.000
3.1211	11236	45.0064	26.340	37.00	41.250	2328.189	56.859	-5.206	31.150	5.072	6.753	31.496	33.975	5.5316	1.22119	0.00017	45.0066	250.000
3.1214	11237	45.0066	26.340	37.00	41.250	2328.391	56.864	-5.206	31.151	5.072	6.753	31.496	33.975	5.5316	1.22108	0.00017	45.0067	250.000
3.1217	11238	45.0067	26.340	37.00	41.250	2328.593	56.869	-5.206	31.152	5.072	6.753	31.496	33.975	5.5316	1.22097	0.00017	45.0069	250.000
3.1219	11239	45.0069	26.340	37.00	41.250	2328.795	56.874	-5.206	31.152	5.072	6.752	31.496	33.975	5.5316	1.22086	0.00017	45.0071	250.000
3.1222	11240	45.0071	26.340	37.00	41.250	2328.997	56.879	-5.206	31.153	5.072	6.752	31.496	33.975	5.5316	1.22075	0.00017	45.0073	250.000
3.1225	11241	45.0073	26.341	37.00	41.250	2329.199	56.884	-5.206	31.154	5.072	6.752	31.496	33.975	5.5316	1.22064	0.00017	45.0074	250.000
3.1228	11242	45.0074	26.341	37.00	41.250	2329.401	56.889	-5.206	31.154	5.072	6.752	31.496	33.975	5.5316	1.22053	0.00017	45.0076	250.000
3.1231	11243	45.0076	26.341	37.00	41.250	2329.603	56.894	-5.206	31.155	5.072	6.752	31.496	33.975	5.5316	1.22042	0.00017	45.0078	250.000
3.1233	11244	45.0078	26.341	37.00	41.250	2329.805	56.899	-5.206	31.156	5.073	6.752	31.496	33.975	5.5316	1.22031	0.00017	45.0080	250.000
3.1236	11245	45.0080	26.341	37.00	41.250	2330.007	56.903	-5.206	31.156	5.073	6.752	31.496	33.975	5.5316	1.22020	0.00017	45.0081	250.000
3.1239	11246	45.0081	26.342	37.00	41.250	2330.209	56.908	-5.206	31.157	5.073	6.752	31.496	33.975	5.5316	1.22009	0.00017	45.0083	250.000
3.1242	11247	45.0083	26.342	37.00	41.250	2330.411	56.913	-5.206	31.158	5.073	6.752	31.496	33.975	5.5316	1.21998	0.00017	45.0085	250.000
3.1244	11248	45.0085	26.342	37.00	41.250	2330.613	56.918	-5.206	31.158	5.073	6.751	31.496	33.975	5.5316	1.21987	0.00017	45.0087	250.000
3.1247	11249	45.0087	26.342	37.00	41.250	2330.815	56.923	-5.206	31.159	5.073	6.751	31.496	33.975	5.5316	1.21976	0.00017	45.0088	250.000
3.1250	11250	45.0088	26.342	37.00	41.250	2331.017	56.928	-5.206	31.160	5.073	6.751	31.496	33.975	5.5316	1.21965	0.00017	45.0090	250.000
3.1253	11251	45.0090	26.342	37.00	41.250	2331.219	56.933	-5.206	31.160	5.073	6.751	31.496	33.975	5.5316	1.21954	0.00017	45.0092	250.000
3.1256	11252	45.0092	26.343	37.00	41.250	2331.421	56.938	-5.206	31.161	5.073	6.751	31.496	33.975	5.5316	1.21943	0.00017	45.0094	250.000
3.1258	11253	45.0094	26.343	37.00	41.250	2331.623	56.943	-5.206	31.162	5.074	6.751	31.496	33.975	5.5316	1.21932	0.00017	45.0095	250.000
3.1261	11254	45.0095	26.343	37.00	41.250	2331.825	56.948	-5.206	31.162	5.074	6.751	31.496	33.975	5.5316	1.21921	0.00017	45.0097	250.000
3.1264	11255	45.0097	26.343	37.00	41.250	2332.027	56.953	-5.206	31.163	5.074	6.751	31.496	33.975	5.5316	1.21910	0.00017	45.0099	250.000
3.1267	11256	45.0099	26.343	37.00	41.250	2332.229	56.958	-5.206	31.164	5.074	6.751	31.496	33.975	5.5316	1.21899	0.00017	45.0101	250.000
3.1269	11257	45.0101	26.343	37.00	41.250	2332.431	56.963	-5.206	31.165	5.074	6.750	31.496	33.975	5.5316	1.21887	0.00017	45.0102	250.000
3.1272	11258	45.0102	26.344	37.00	41.250	2332.634	56.968	-5.206	31.165	5.074	6.750	31.496	33.975	5.5316	1.21876	0.00017	45.0104	250.000
3.1275	11259	45.0104	26.344	37.00	41.250	2332.836	56.973	-5.206	31.166	5.074	6.750	31.496	33.975	5.5316	1.21865	0.00017	45.0106	250.000
3.1278	11260	45.0106	26.344	37.00	41.250	2333.038	56.977	-5.206	31.167	5.074	6.750	31.496	33.975	5.5316	1.21854	0.00017	45.0108	250.000
3.1281	11261	45.0108	26.344	37.00	41.250	2333.240	56.982	-5.206	31.167	5.074	6.750	31.496	33.975	5.5316	1.21843	0.00017	45.0109	250.000
3.1283	11262	45.0109	26.344	37.00	41.250	2333.442	56.987	-5.206	31.168	5.075	6.750	31.496	33.975	5.5316	1.21832	0.00017	45.0111	250.000
3.1286	11263	45.0111	26.344	37.00	41.250	2333.644	56.992	-5.206	31.169	5.075	6.750	31.496	33.975	5.5316	1.21821	0.00017	45.0113	250.000
3.1289	11264	45.0113	26.345	37.00	41.250	2333.846	56.997	-5.206	31.169	5.075	6.750	31.496	33.975	5.5316	1.21810	0.00017	45.0115	250.000
3.1292	11265	45.0115	26.345	37.00	41.250	2334.048	57.002	-5.206	31.170	5.075	6.750	31.496	33.975	5.5316	1.21799	0.00017	45.0116	250.000
3.1294	11266	45.0116	26.345	37.00	41.250	2334.250	57.007	-5.206	31.171	5.075	6.749	31.496	33.975	5.5316	1.21788	0.00017	45.0118	250.000
3.1297	11267	45.0118	26.345	37.00	41.250	2334.452	57.012	-5.206	31.171	5.075	6.749	31.496	33.975	5.5316	1.21777	0.00017	45.0120	250.000
3.1300	11268	45.0120	26.345	37.00	41.250	2334.654	57.017	-5.206	31.172	5.075	6.749	31.496	33.975	5.5316	1.21766	0.00017	45.0121	250.000
3.1303	11269	45.0121	26.346	37.00	41.250	2334.856	57.022	-5.206	31.173	5.075	6.749	31.496	33.975	5.5316	1.21755	0.00017	45.0123	250.000
3.1306	11270	45.0123	26.346	37.00	41.250	2335.058	57.027	-5.206	31.173	5.075	6.749	31.496	33.975	5.5316	1.21744	0.00017	45.0125	250.000
3.1308	11271	45.0125	26.346	37.00	41.250	2335.260	57.032	-5.206	31.174	5.076	6.749	31.496	33.975	5.5316	1.21733	0.00017	45.0127	250.000
3.1311	11272	45.0127	26.346	37.00	41.250	2335.462	57.037	-5.206	31.175	5.076	6.749	31.496	33.975	5.5316	1.21722	0.00017	45.0128	250.000
3.1314	11273	45.0128	26.346	37.00	41.250	2335.664	57.042	-5.206	31.175	5.076	6.749	31.496	33.975	5.5316	1.21711	0.00017	45.0130	250.000
3.1317	11274	45.0130	26.346	37.00	41.250	2335.866	57.047	-5.206	31.176	5.076	6.749	31.496	33.975	5.5316	1.21700	0.00017	45.0132	250.000
3.1319	11275	45.0132	26.347	37.00	41.250	2336.068	57.051	-5.206	31.177	5.076	6.748	31.496	33.975	5.5316	1.21689	0.00017	45.0134	250.000
3.1322	11276	45.0134	26.347	37.00	41.250	2336.270	57.056	-5.206	31.177	5.076	6.748	31.496	33.975	5.5316	1.21678	0.00017	45.0135	250.000
3.1325	11277	45.0135	26.347	37.00	41.250	2336.472	57.061	-5.206	31.178	5.076	6.748	31.496	33.975	5.5316	1.21667	0.00017	45.0137	250.000
3.1328	11278	45.0137	26.347	37.00	41.250	2336.674	57.066	-5.206	31.179	5.076	6.748	31.496	33.975	5.5316	1.21656	0.00017	45.0139	250.000
3.1331	11279	45.0139	26.347	37.00	41.250	2336.876	57.071	-5.206	31.179	5.076	6.748	31.496	33.975	5.5316	1.21645	0.00017	45.0141	250.000
3.1333	11280	45.0141	26.347	37.00	41.250	2337.078	57.076	-5.206	31.180	5.077	6.748	31.496	33.975	5.5316	1.21634	0.00017	45.0142	250.000
3.1336	11281	45.0142	26.348	37.00	41.250	2337.280	57.081	-5.206	31.181	5.077	6.748	31.496	33.975	5.5316	1.21623	0.00017	45.0144	250.000
3.1339	11282	45.0144	26.348	37.00	41.250	2337.482	57.086	-5.206	31.181	5.077	6.748	31.496	33.975	5.5316	1.21612	0.00017	45.0146	250.000
3.1342	11283	45.0146	26.348	37.00	41.250	2337.684	57.091	-5.206	31.182	5.077	6.748	31.496	33.975	5.5316	1.21601	0.00017	45.0148	250.000
3.1344	11284	45.0148	26.348	37.00	41.250	2337.886	57.096	-5.206	31.183	5.077	6.747	31.496	33.975	5.5316	1.21590	0.00017	45.0149	250.000
3.1347	11285	45.0149	26.348	37.00	41.250	2338.088	57.101	-5.206	31.183	5.077	6.747	31.496	33.975	5.5316	1.21579	0.00017	45.0151	250.000
3.1350	11286	45.0151	26.348	37.00	41.250	2338.290	57.106	-5.206	31.184	5.077	6.747	31.496	33.975	5.5316	1.21568	0.00017	45.0153	250.000
3.1353	11287	45.0153	26.349	37.00	41.250	2338.492	57.111	-5.206	31.185	5.077	6.747	31.496	33.975	5.5316	1.21557	0.00017	45.0155	250.000
3.1356	11288	45.0155	26.349	37.00	41.250	2338.694	57.116	-5.206	31.185	5.077	6.747	31.496	33.975	5.5316	1.21546	0.00017	45.0156	250.000
3.1358	11289	45.0156	26.349	37.00	41.250	2338.896	57.121	-5.206	31.186	5.078	6.747	31.496	33.975	5.5316	1.21535	0.00017	45.0158	250.000
3.1361	11290	45.0158	26.349	37.00	41.250	2339.098	57.125	-5.206	31.187	5.078	6.747	31.496	33.975	5.5316	1.21524	0.00017	45.0160	250.000
3.1364	11291	45.0160	26.349	37.00	41.250	2339.300	57.130	-5.206	31.188	5.078	6.747	31.496	33.975	5.5316	1.21513	0.00017	45.0161	250.000
3.1367	11292	45.0161	26.350	37.00	41.250	2339.503	57.135	-5.206	31.188	5.078	6.747	31.496	33.975	5.5316	1.21502	0.00017	45.0163	250.000
3.1369	11293	45.0163	26.350	37.00	41.250	2339.705	57.140	-5.206	31.189	5.078	6.746	31.496	33.975	5.5316	1.21491	0.00017	45.0165	250.000
3.1372	11294	45.0165	26.350	37.00	41.250	2339.907	57.145	-5.206	31.190	5.078	6.746	31.496	33.975	5.5316	1.21480	0.00017	45.0167	250.000
3.1375	11295	45.0167	26.350	37.00	41.250	2340.109	57.150	-5.206	31.190	5.078	6.746	31.496	33.975	5.5316	1.21469	0.00017	45.0168	250.000
3.1378	11296	45.0168	26.350	37.00	41.250	2340.311	57.155	-5.206	31.191	5.078	6.746	31.496	33.975	5.5316	1.21458	0.00017	45.0170	250.000
3.1381	11297	45.0170	26.350	37.00	41.250	2340.513	57.160	-5.206	31.192	5.078	6.746	31.496	33.975	5.5316	1.21447	0.00017	45.0172	250.000
3.1383	11298	45.0172	26.351	37.00	41.250	2340.715	57.165	-5.206	31.192	5.079	6.746	31.496	33.975	5.5316	1.21436	0.00017	45.0174	250.000
3.1386	11299	45.0174	26.351	37.00	41.250	2340.917	57.170	-5.206	31.193	5.079	6.746	31.496	33.975	5.5316	1.21425	0.00017	45.0175	250.000
3.1389	11300	45.0175	26.351	37.00	41.250	2341.119	57.175	-5.206	31.194	5.079	6.746	31.496	33.975	5.5316	1.21414	0.00017	45.0177	250.000
3.1392	11301	45.0177	26.351	37.00	41.250	2341.321	57.180	-5.206	31.194	5.079	6.746	31.496	33.975	5.5316	1.21403	0.00017	45.0179	250.000
3.1394	11302	45.0179	26.351	37.00	41.250	2341.523	57.185	-5.206	31.195	5.079	6.745	31.496	33.975	5.5316	1.21392	0.00017	45.0181	250.000
3.1397	11303	45.0181	26.351	37.00	41.250	2341.725	57.190	-5.206	31.196	5.079	6.745	31.496	33.975	5.5316	1.21381	0.00017	45.0182	250.000
3.1400	11304	45.0182	26.352	37.00	41.250	2341.927	57.195	-5.206	31.196	5.079	6.745	31.496	33.975	5.5316	1.21370	0.00017	45.0184	250.000
3.1403	11305	45.0184	26.352	37.00	41.250	2342.129	57.199	-5.206	31.197	5.079	6.745	31.496	33.975	5.5316	1.21359	0.00017	45.0186	250.000

3.1406	11306	45.0186	26.352	37.00	41.250	2342.331	57.204	-5.206	31.198	5.079	6.745	31.496	33.975	5.5316	1.21348	0.00017	45.0187	250.000
3.1408	11307	45.0187	26.352	37.00	41.250	2342.533	57.209	-5.206	31.198	5.080	6.745	31.496	33.975	5.5316	1.21337	0.00017	45.0189	250.000
3.1411	11308	45.0189	26.352	37.00	41.250	2342.735	57.214	-5.206	31.199	5.080	6.745	31.496	33.975	5.5316	1.21326	0.00017	45.0191	250.000
3.1414	11309	45.0191	26.352	37.00	41.250	2342.937	57.219	-5.206	31.200	5.080	6.745	31.496	33.975	5.5316	1.21315	0.00017	45.0193	250.000
3.1417	11310	45.0193	26.353	37.00	41.250	2343.139	57.224	-5.206	31.200	5.080	6.745	31.496	33.975	5.5316	1.21304	0.00017	45.0194	250.000
3.1419	11311	45.0194	26.353	37.00	41.250	2343.341	57.229	-5.206	31.201	5.080	6.744	31.496	33.975	5.5316	1.21293	0.00017	45.0196	250.000
3.1422	11312	45.0196	26.353	37.00	41.250	2343.543	57.234	-5.206	31.202	5.080	6.744	31.496	33.975	5.5316	1.21282	0.00017	45.0198	250.000
3.1425	11313	45.0198	26.353	37.00	41.250	2343.745	57.239	-5.206	31.202	5.080	6.744	31.496	33.975	5.5316	1.21271	0.00017	45.0200	250.000
3.1428	11314	45.0200	26.353	37.00	41.250	2343.947	57.244	-5.206	31.203	5.080	6.744	31.496	33.975	5.5316	1.21260	0.00017	45.0201	250.000
3.1431	11315	45.0201	26.354	37.00	41.250	2344.149	57.249	-5.206	31.204	5.080	6.744	31.496	33.975	5.5316	1.21249	0.00017	45.0203	250.000
3.1433	11316	45.0203	26.354	37.00	41.250	2344.351	57.254	-5.206	31.204	5.080	6.744	31.496	33.975	5.5316	1.21238	0.00017	45.0205	250.000
3.1436	11317	45.0205	26.354	37.00	41.250	2344.553	57.259	-5.206	31.205	5.081	6.744	31.496	33.975	5.5316	1.21227	0.00017	45.0207	250.000
3.1439	11318	45.0207	26.354	37.00	41.250	2344.755	57.264	-5.206	31.206	5.081	6.744	31.496	33.975	5.5316	1.21216	0.00017	45.0208	250.000
3.1442	11319	45.0208	26.354	37.00	41.250	2344.957	57.269	-5.206	31.206	5.081	6.744	31.496	33.975	5.5316	1.21205	0.00017	45.0210	250.000
3.1444	11320	45.0210	26.354	37.00	41.250	2345.159	57.273	-5.206	31.207	5.081	6.743	31.496	33.975	5.5316	1.21195	0.00017	45.0212	250.000
3.1447	11321	45.0212	26.355	37.00	41.250	2345.361	57.278	-5.206	31.208	5.081	6.743	31.496	33.975	5.5316	1.21184	0.00017	45.0213	250.000
3.1450	11322	45.0213	26.355	37.00	41.250	2345.563	57.283	-5.206	31.208	5.081	6.743	31.496	33.975	5.5316	1.21173	0.00017	45.0215	250.000
3.1453	11323	45.0215	26.355	37.00	41.250	2345.765	57.288	-5.206	31.209	5.081	6.743	31.496	33.975	5.5316	1.21162	0.00017	45.0217	250.000
3.1456	11324	45.0217	26.355	37.00	41.250	2345.967	57.293	-5.206	31.210	5.081	6.743	31.496	33.975	5.5316	1.21151	0.00017	45.0219	250.000
3.1458	11325	45.0219	26.355	37.00	41.250	2346.170	57.298	-5.206	31.210	5.081	6.743	31.496	33.975	5.5316	1.21140	0.00017	45.0220	250.000
3.1461	11326	45.0220	26.355	37.00	41.250	2346.372	57.303	-5.206	31.211	5.082	6.743	31.496	33.975	5.5316	1.21129	0.00017	45.0222	250.000
3.1464	11327	45.0222	26.356	37.00	41.250	2346.574	57.308	-5.206	31.212	5.082	6.743	31.496	33.975	5.5316	1.21118	0.00017	45.0224	250.000
3.1467	11328	45.0224	26.356	37.00	41.250	2346.776	57.313	-5.206	31.212	5.082	6.743	31.496	33.975	5.5316	1.21107	0.00017	45.0226	250.000
3.1469	11329	45.0226	26.356	37.00	41.250	2346.978	57.318	-5.206	31.213	5.082	6.743	31.496	33.975	5.5316	1.21096	0.00017	45.0227	250.000
3.1472	11330	45.0227	26.356	37.00	41.250	2347.180	57.323	-5.206	31.214	5.082	6.742	31.496	33.975	5.5316	1.21085	0.00017	45.0229	250.000
3.1475	11331	45.0229	26.356	37.00	41.250	2347.382	57.328	-5.206	31.214	5.082	6.742	31.496	33.975	5.5316	1.21074	0.00017	45.0231	250.000
3.1478	11332	45.0231	26.356	37.00	41.250	2347.584	57.333	-5.206	31.215	5.082	6.742	31.496	33.975	5.5316	1.21063	0.00017	45.0232	250.000
3.1481	11333	45.0232	26.357	37.00	41.250	2347.786	57.338	-5.206	31.216	5.082	6.742	31.496	33.975	5.5316	1.21052	0.00017	45.0234	250.000
3.1483	11334	45.0234	26.357	37.00	41.250	2347.988	57.343	-5.206	31.217	5.082	6.742	31.496	33.975	5.5316	1.21041	0.00017	45.0236	250.000
3.1486	11335	45.0236	26.357	37.00	41.250	2348.190	57.348	-5.206	31.217	5.083	6.742	31.496	33.975	5.5316	1.21030	0.00017	45.0238	250.000
3.1489	11336	45.0238	26.357	37.00	41.250	2348.392	57.352	-5.206	31.218	5.083	6.742	31.496	33.975	5.5316	1.21019	0.00017	45.0239	250.000
3.1492	11337	45.0239	26.357	37.00	41.250	2348.594	57.357	-5.206	31.219	5.083	6.742	31.496	33.975	5.5316	1.21008	0.00017	45.0241	250.000
3.1494	11338	45.0241	26.358	37.00	41.250	2348.796	57.362	-5.206	31.219	5.083	6.742	31.496	33.975	5.5316	1.20997	0.00017	45.0243	250.000
3.1497	11339	45.0243	26.358	37.00	41.250	2348.998	57.367	-5.206	31.220	5.083	6.741	31.496	33.975	5.5316	1.20986	0.00017	45.0245	250.000
3.1500	11340	45.0245	26.358	37.00	41.250	2349.200	57.372	-5.206	31.221	5.083	6.741	31.496	33.975	5.5316	1.20975	0.00017	45.0246	250.000
3.1503	11341	45.0246	26.358	37.00	41.250	2349.402	57.377	-5.206	31.221	5.083	6.741	31.496	33.975	5.5316	1.20964	0.00017	45.0248	250.000
3.1506	11342	45.0248	26.358	37.00	41.250	2349.604	57.382	-5.206	31.222	5.083	6.741	31.496	33.975	5.5316	1.20953	0.00017	45.0250	250.000
3.1508	11343	45.0250	26.358	37.00	41.250	2349.806	57.387	-5.206	31.223	5.083	6.741	31.496	33.975	5.5316	1.20943	0.00017	45.0252	250.000
3.1511	11344	45.0252	26.359	37.00	41.250	2350.008	57.392	-5.206	31.223	5.084	6.741	31.496	33.975	5.5316	1.20932	0.00017	45.0253	250.000
3.1514	11345	45.0253	26.359	37.00	41.250	2350.210	57.397	-5.206	31.224	5.084	6.741	31.496	33.975	5.5316	1.20921	0.00017	45.0255	250.000
3.1517	11346	45.0255	26.359	37.00	41.250	2350.412	57.402	-5.206	31.225	5.084	6.741	31.496	33.975	5.5316	1.20910	0.00017	45.0257	250.000
3.1519	11347	45.0257	26.359	37.00	41.250	2350.614	57.407	-5.206	31.225	5.084	6.741	31.496	33.975	5.5316	1.20899	0.00017	45.0258	250.000
3.1522	11348	45.0258	26.359	37.00	41.250	2350.816	57.412	-5.206	31.226	5.084	6.740	31.496	33.975	5.5316	1.20888	0.00017	45.0260	250.000
3.1525	11349	45.0260	26.359	37.00	41.250	2351.018	57.417	-5.206	31.227	5.084	6.740	31.496	33.975	5.5316	1.20877	0.00017	45.0262	250.000
3.1528	11350	45.0262	26.360	37.00	41.250	2351.220	57.422	-5.206	31.227	5.084	6.740	31.496	33.975	5.5316	1.20866	0.00017	45.0264	250.000
3.1531	11351	45.0264	26.360	37.00	41.250	2351.422	57.426	-5.206	31.228	5.084	6.740	31.496	33.975	5.5316	1.20855	0.00017	45.0265	250.000
3.1533	11352	45.0265	26.360	37.00	41.250	2351.624	57.431	-5.206	31.229	5.084	6.740	31.496	33.975	5.5316	1.20844	0.00017	45.0267	250.000
3.1536	11353	45.0267	26.360	37.00	41.250	2351.826	57.436	-5.206	31.229	5.085	6.740	31.496	33.975	5.5316	1.20833	0.00017	45.0269	250.000
3.1539	11354	45.0269	26.360	37.00	41.250	2352.028	57.441	-5.206	31.230	5.085	6.740	31.496	33.975	5.5316	1.20822	0.00017	45.0271	250.000
3.1542	11355	45.0271	26.360	37.00	41.250	2352.230	57.446	-5.206	31.231	5.085	6.740	31.496	33.975	5.5316	1.20811	0.00017	45.0272	250.000
3.1544	11356	45.0272	26.361	37.00	41.250	2352.432	57.451	-5.206	31.231	5.085	6.740	31.496	33.975	5.5316	1.20800	0.00017	45.0274	250.000
3.1547	11357	45.0274	26.361	37.00	41.250	2352.634	57.456	-5.206	31.232	5.085	6.739	31.496	33.975	5.5316	1.20789	0.00017	45.0276	250.000
3.1550	11358	45.0276	26.361	37.00	41.250	2352.836	57.461	-5.206	31.233	5.085	6.739	31.496	33.975	5.5316	1.20778	0.00017	45.0277	250.000
3.1553	11359	45.0277	26.361	37.00	41.250	2353.039	57.466	-5.206	31.233	5.085	6.739	31.496	33.975	5.5316	1.20768	0.00017	45.0279	250.000
3.1556	11360	45.0279	26.361	37.00	41.250	2353.241	57.471	-5.206	31.234	5.085	6.739	31.496	33.975	5.5316	1.20757	0.00017	45.0281	250.000
3.1558	11361	45.0281	26.361	37.00	41.250	2353.443	57.476	-5.206	31.235	5.085	6.739	31.496	33.975	5.5316	1.20746	0.00017	45.0283	250.000
3.1561	11362	45.0283	26.362	37.00	41.250	2353.645	57.481	-5.206	31.235	5.086	6.739	31.496	33.975	5.5316	1.20735	0.00017	45.0284	250.000
3.1564	11363	45.0284	26.362	37.00	41.250	2353.847	57.486	-5.206	31.236	5.086	6.739	31.496	33.975	5.5316	1.20724	0.00017	45.0286	250.000
3.1567	11364	45.0286	26.362	37.00	41.250	2354.049	57.491	-5.206	31.237	5.086	6.739	31.496	33.975	5.5316	1.20713	0.00017	45.0288	250.000
3.1569	11365	45.0288	26.362	37.00	41.250	2354.251	57.496	-5.206	31.237	5.086	6.739	31.496	33.975	5.5316	1.20702	0.00017	45.0289	250.000
3.1572	11366	45.0289	26.362	37.00	41.250	2354.453	57.500	-5.206	31.238	5.086	6.738	31.496	33.975	5.5316	1.20691	0.00017	45.0291	250.000
3.1575	11367	45.0291	26.363	37.00	41.250	2354.655	57.505	-5.206	31.239	5.086	6.738	31.496	33.975	5.5316	1.20680	0.00017	45.0293	250.000
3.1578	11368	45.0293	26.363	37.00	41.250	2354.857	57.510	-5.206	31.239	5.086	6.738	31.496	33.975	5.5316	1.20669	0.00017	45.0295	250.000
3.1581	11369	45.0295	26.363	37.00	41.250	2355.059	57.515	-5.206	31.240	5.086	6.738	31.496	33.975	5.5316	1.20658	0.00017	45.0296	250.000
3.1583	11370	45.0296	26.363	37.00	41.250	2355.261	57.520	-5.206	31.241	5.086	6.738	31.496	33.975	5.5316	1.20647	0.00017	45.0298	250.000
3.1586	11371	45.0298	26.363	37.00	41.250	2355.463	57.525	-5.206	31.241	5.087	6.738	31.496	33.975	5.5316	1.20636	0.00017	45.0300	250.000
3.1589	11372	45.0300	26.363	37.00	41.250	2355.665	57.530	-5.206	31.242	5.087	6.738	31.496	33.975	5.5316	1.20626	0.00017	45.0302	250.000
3.1592	11373	45.0302	26.364	37.00	41.250	2355.867	57.535	-5.206	31.243	5.087	6.738	31.496	33.975	5.5316	1.20615	0.00017	45.0303	250.000
3.1594	11374	45.0303	26.364	37.00	41.250	2356.069	57.540	-5.206	31.243	5.087	6.738	31.496	33.975	5.5316	1.20604	0.00017	45.0305	250.000
3.1597	11375	45.0305	26.364	37.00	41.250	2356.271	57.545	-5.206	31.244	5.087	6.737	31.496	33.975	5.5316	1.20593	0.00017	45.0307	250.000
3.1600	11376	45.0307	26.364	37.00	41.250	2356.473	57.550	-5.206	31.245	5.087	6.737	31.496	33.975	5.5316	1.20582	0.00017	45.0308	250.000
3.1603	11377	45.0308	26.364	37.00	41.250	2356.675	57.555	-5.206	31.245	5.087	6.737	31.496	33.975	5.5316	1.20571	0.00017	45.0310	250.000
3.1606	11378	45.0310	26.364	37.00	41.250	2356.877	57.560	-5.206	31.246	5.087	6.737	31.496	33.975	5.5316	1.20560	0.00017	45.0312	250.000
3.1608	11379	45.0312	26.365	37.00	41.250	2357.079	57.565	-5.206	31.247	5.087	6.737	31.496	33.975	5.5316	1.20549	0.00017	45.0314	250.000
3.1611	11380	45.0314	26.365	37.00	41.250	2357.281	57.570	-5.206	31.247	5.087	6.737	31.496	33.975	5.5316	1.20538	0.00017	45.0315	250.000
3.1614	11381	45.0315	26.365	37.00	41.250	2357.483	57.574	-5.206	31.248	5.088	6.737	31.496	33.975	5.5316	1.20527	0.00017	45.0317	250.000
3.1617	11382	45.0317	26.365	37.00	41.250	2357.685	57.579	-5.206	31.249	5.088	6.737	31.496	33.975	5.5316	1.20516	0.00017	45.0319	250.000
3.1619	11383	45.0319	26.365	37.00	41.250	2357.887	57.584	-5.206	31.249	5.088	6.737	31.496	33.975	5.5316	1.20506	0.00017	45.0320	250.000
3.1622	11384	45.0320	26.365	37.00	41.250	2358.089	57.589	-5.206	31.250	5.088	6.736	31.496	33.975	5.5316	1.20495	0.00017	45.0322	250.000
3.1625	11385	45.0322	26.366	37.00	41.250	2358.291	57.594	-5.206	31.251	5.088	6.736	31.496	33.975	5.5316	1.20484	0.00017	45.0324	250.000
3.1628	11386	45.0324	26.366	37.00	41.250	2358.493	57.599	-5.206	31.251	5.088	6.736	31.496	33.975	5.5316	1.20473	0.00017	45.0326	250.000

3.1631	11387	45.0326	26.366	37.00	41.250	2358.695	57.604	-5.206	31.252	5.088	6.736	31.496	33.975	5.5316	1.20462	0.00017	45.0327	250.000
3.1633	11388	45.0327	26.366	37.00	41.250	2358.897	57.609	-5.206	31.253	5.088	6.736	31.496	33.975	5.5316	1.20451	0.00017	45.0329	250.000
3.1636	11389	45.0329	26.366	37.00	41.250	2359.099	57.614	-5.206	31.253	5.088	6.736	31.496	33.975	5.5316	1.20440	0.00017	45.0331	250.000
3.1639	11390	45.0331	26.366	37.00	41.250	2359.301	57.619	-5.206	31.254	5.089	6.736	31.496	33.975	5.5316	1.20429	0.00017	45.0333	250.000
3.1642	11391	45.0333	26.367	37.00	41.250	2359.503	57.624	-5.206	31.255	5.089	6.736	31.496	33.975	5.5316	1.20418	0.00017	45.0334	250.000
3.1644	11392	45.0334	26.367	37.00	41.250	2359.706	57.629	-5.206	31.255	5.089	6.736	31.496	33.975	5.5316	1.20407	0.00017	45.0336	250.000
3.1647	11393	45.0336	26.367	37.00	41.250	2359.908	57.634	-5.206	31.256	5.089	6.736	31.496	33.975	5.5316	1.20397	0.00017	45.0338	250.000
3.1650	11394	45.0338	26.367	37.00	41.250	2360.110	57.639	-5.206	31.257	5.089	6.735	31.496	33.975	5.5316	1.20386	0.00017	45.0339	250.000
3.1653	11395	45.0339	26.367	37.00	41.250	2360.312	57.644	-5.206	31.257	5.089	6.735	31.496	33.975	5.5316	1.20375	0.00017	45.0341	250.000
3.1656	11396	45.0341	26.368	37.00	41.250	2360.514	57.648	-5.206	31.258	5.089	6.735	31.496	33.975	5.5316	1.20364	0.00017	45.0343	250.000
3.1658	11397	45.0343	26.368	37.00	41.250	2360.716	57.653	-5.206	31.259	5.089	6.735	31.496	33.975	5.5316	1.20353	0.00017	45.0345	250.000
3.1661	11398	45.0345	26.368	37.00	41.250	2360.918	57.658	-5.206	31.259	5.089	6.735	31.496	33.975	5.5316	1.20342	0.00017	45.0346	250.000
3.1664	11399	45.0346	26.368	37.00	41.250	2361.120	57.663	-5.206	31.260	5.090	6.735	31.496	33.975	5.5316	1.20331	0.00017	45.0348	250.000
3.1667	11400	45.0348	26.368	37.00	41.250	2361.322	57.668	-5.206	31.261	5.090	6.735	31.496	33.975	5.5316	1.20320	0.00017	45.0350	250.000
3.1669	11401	45.0350	26.368	37.00	41.250	2361.524	57.673	-5.206	31.261	5.090	6.735	31.496	33.975	5.5316	1.20309	0.00017	45.0351	250.000
3.1672	11402	45.0351	26.369	37.00	41.250	2361.726	57.678	-5.206	31.262	5.090	6.735	31.496	33.975	5.5316	1.20299	0.00017	45.0353	250.000
3.1675	11403	45.0353	26.369	37.00	41.250	2361.928	57.683	-5.206	31.263	5.090	6.734	31.496	33.975	5.5316	1.20288	0.00017	45.0355	250.000
3.1678	11404	45.0355	26.369	37.00	41.250	2362.130	57.688	-5.206	31.263	5.090	6.734	31.496	33.975	5.5316	1.20277	0.00017	45.0357	250.000
3.1681	11405	45.0357	26.369	37.00	41.250	2362.332	57.693	-5.206	31.264	5.090	6.734	31.496	33.975	5.5316	1.20266	0.00017	45.0358	250.000
3.1683	11406	45.0358	26.369	37.00	41.250	2362.534	57.698	-5.206	31.265	5.090	6.734	31.496	33.975	5.5316	1.20255	0.00017	45.0360	250.000
3.1686	11407	45.0360	26.369	37.00	41.250	2362.736	57.703	-5.206	31.265	5.090	6.734	31.496	33.975	5.5316	1.20244	0.00017	45.0362	250.000
3.1689	11408	45.0362	26.370	37.00	41.250	2362.938	57.708	-5.206	31.266	5.091	6.734	31.496	33.975	5.5316	1.20233	0.00017	45.0363	250.000
3.1692	11409	45.0363	26.370	37.00	41.250	2363.140	57.713	-5.206	31.267	5.091	6.734	31.496	33.975	5.5316	1.20222	0.00017	45.0365	250.000
3.1694	11410	45.0365	26.370	37.00	41.250	2363.342	57.718	-5.206	31.267	5.091	6.734	31.496	33.975	5.5316	1.20211	0.00017	45.0367	250.000
3.1697	11411	45.0367	26.370	37.00	41.250	2363.544	57.722	-5.206	31.268	5.091	6.734	31.496	33.975	5.5316	1.20201	0.00017	45.0369	250.000
3.1700	11412	45.0369	26.370	37.00	41.250	2363.746	57.727	-5.206	31.269	5.091	6.733	31.496	33.975	5.5316	1.20190	0.00017	45.0370	250.000
3.1703	11413	45.0370	26.370	37.00	41.250	2363.948	57.732	-5.206	31.269	5.091	6.733	31.496	33.975	5.5316	1.20179	0.00017	45.0372	250.000
3.1706	11414	45.0372	26.371	37.00	41.250	2364.150	57.737	-5.206	31.270	5.091	6.733	31.496	33.975	5.5316	1.20168	0.00017	45.0374	250.000
3.1708	11415	45.0374	26.371	37.00	41.250	2364.352	57.742	-5.206	31.271	5.091	6.733	31.496	33.975	5.5316	1.20157	0.00017	45.0375	250.000
3.1711	11416	45.0375	26.371	37.00	41.250	2364.554	57.747	-5.206	31.271	5.091	6.733	31.496	33.975	5.5316	1.20146	0.00017	45.0377	250.000
3.1714	11417	45.0377	26.371	37.00	41.250	2364.756	57.752	-5.206	31.272	5.092	6.733	31.496	33.975	5.5316	1.20135	0.00017	45.0379	250.000
3.1717	11418	45.0379	26.371	37.00	41.250	2364.958	57.757	-5.206	31.273	5.092	6.733	31.496	33.975	5.5316	1.20124	0.00017	45.0381	250.000
3.1719	11419	45.0381	26.371	37.00	41.250	2365.160	57.762	-5.206	31.273	5.092	6.733	31.496	33.975	5.5316	1.20114	0.00017	45.0382	250.000
3.1722	11420	45.0382	26.372	37.00	41.250	2365.362	57.767	-5.206	31.274	5.092	6.733	31.496	33.975	5.5316	1.20103	0.00017	45.0384	250.000
3.1725	11421	45.0384	26.372	37.00	41.250	2365.564	57.772	-5.206	31.275	5.092	6.732	31.496	33.975	5.5316	1.20092	0.00017	45.0386	250.000
3.1728	11422	45.0386	26.372	37.00	41.250	2365.766	57.777	-5.206	31.275	5.092	6.732	31.496	33.975	5.5316	1.20081	0.00017	45.0388	250.000
3.1731	11423	45.0388	26.372	37.00	41.250	2365.968	57.782	-5.206	31.276	5.092	6.732	31.496	33.975	5.5316	1.20070	0.00017	45.0389	250.000
3.1733	11424	45.0389	26.372	37.00	41.250	2366.170	57.787	-5.206	31.277	5.092	6.732	31.496	33.975	5.5316	1.20059	0.00017	45.0391	250.000
3.1736	11425	45.0391	26.372	37.00	41.250	2366.373	57.792	-5.206	31.277	5.092	6.732	31.496	33.975	5.5316	1.20048	0.00017	45.0393	250.000
3.1739	11426	45.0393	26.373	37.00	41.250	2366.575	57.797	-5.206	31.278	5.093	6.732	31.496	33.975	5.5316	1.20038	0.00017	45.0394	250.000
3.1742	11427	45.0394	26.373	37.00	41.250	2366.777	57.801	-5.206	31.279	5.093	6.732	31.496	33.975	5.5316	1.20027	0.00017	45.0396	250.000
3.1744	11428	45.0396	26.373	37.00	41.250	2366.979	57.806	-5.206	31.279	5.093	6.732	31.496	33.975	5.5316	1.20016	0.00017	45.0398	250.000
3.1747	11429	45.0398	26.373	37.00	41.250	2367.181	57.811	-5.206	31.280	5.093	6.732	31.496	33.975	5.5316	1.20005	0.00017	45.0400	250.000
3.1750	11430	45.0400	26.373	37.00	41.250	2367.383	57.816	-5.206	31.281	5.093	6.731	31.496	33.975	5.5316	1.19994	0.00017	45.0401	250.000
3.1753	11431	45.0401	26.374	37.00	41.250	2367.585	57.821	-5.206	31.281	5.093	6.731	31.496	33.975	5.5316	1.19983	0.00017	45.0403	250.000
3.1756	11432	45.0403	26.374	37.00	41.250	2367.787	57.826	-5.206	31.282	5.093	6.731	31.496	33.975	5.5316	1.19972	0.00017	45.0405	250.000
3.1758	11433	45.0405	26.374	37.00	41.250	2367.989	57.831	-5.206	31.283	5.093	6.731	31.496	33.975	5.5316	1.19961	0.00017	45.0406	250.000
3.1761	11434	45.0406	26.374	37.00	41.250	2368.191	57.836	-5.206	31.283	5.093	6.731	31.496	33.975	5.5316	1.19951	0.00017	45.0408	250.000
3.1764	11435	45.0408	26.374	37.00	41.250	2368.393	57.841	-5.206	31.284	5.093	6.731	31.496	33.975	5.5316	1.19940	0.00017	45.0410	250.000
3.1767	11436	45.0410	26.374	37.00	41.250	2368.595	57.846	-5.206	31.285	5.094	6.731	31.496	33.975	5.5316	1.19929	0.00017	45.0412	250.000
3.1769	11437	45.0412	26.375	37.00	41.250	2368.797	57.851	-5.206	31.285	5.094	6.731	31.496	33.975	5.5316	1.19918	0.00017	45.0413	250.000
3.1772	11438	45.0413	26.375	37.00	41.250	2368.999	57.856	-5.206	31.286	5.094	6.731	31.496	33.975	5.5316	1.19907	0.00017	45.0415	250.000
3.1775	11439	45.0415	26.375	37.00	41.250	2369.201	57.861	-5.206	31.287	5.094	6.731	31.496	33.975	5.5316	1.19896	0.00017	45.0417	250.000
3.1778	11440	45.0417	26.375	37.00	41.250	2369.403	57.866	-5.206	31.287	5.094	6.730	31.496	33.975	5.5316	1.19886	0.00017	45.0418	250.000
3.1781	11441	45.0418	26.375	37.00	41.250	2369.605	57.871	-5.206	31.288	5.094	6.730	31.496	33.975	5.5316	1.19875	0.00017	45.0420	250.000
3.1783	11442	45.0420	26.375	37.00	41.250	2369.807	57.875	-5.206	31.289	5.094	6.730	31.496	33.975	5.5316	1.19864	0.00017	45.0422	250.000
3.1786	11443	45.0422	26.376	37.00	41.250	2370.009	57.880	-5.206	31.289	5.094	6.730	31.496	33.975	5.5316	1.19853	0.00017	45.0423	250.000
3.1789	11444	45.0423	26.376	37.00	41.250	2370.211	57.885	-5.206	31.290	5.094	6.730	31.496	33.975	5.5316	1.19842	0.00017	45.0425	250.000
3.1792	11445	45.0425	26.376	37.00	41.250	2370.413	57.890	-5.206	31.291	5.095	6.730	31.496	33.975	5.5316	1.19831	0.00017	45.0427	250.000
3.1794	11446	45.0427	26.376	37.00	41.250	2370.615	57.895	-5.206	31.291	5.095	6.730	31.496	33.975	5.5316	1.19820	0.00017	45.0429	250.000
3.1797	11447	45.0429	26.376	37.00	41.250	2370.817	57.900	-5.206	31.292	5.095	6.730	31.496	33.975	5.5316	1.19810	0.00017	45.0430	250.000
3.1800	11448	45.0430	26.376	37.00	41.250	2371.019	57.905	-5.206	31.293	5.095	6.730	31.496	33.975	5.5316	1.19799	0.00017	45.0432	250.000
3.1803	11449	45.0432	26.377	37.00	41.250	2371.221	57.910	-5.206	31.293	5.095	6.729	31.496	33.975	5.5316	1.19788	0.00017	45.0434	250.000
3.1806	11450	45.0434	26.377	37.00	41.250	2371.423	57.915	-5.206	31.294	5.095	6.729	31.496	33.975	5.5316	1.19777	0.00017	45.0435	250.000
3.1808	11451	45.0435	26.377	37.00	41.250	2371.625	57.920	-5.206	31.295	5.095	6.729	31.496	33.975	5.5316	1.19766	0.00017	45.0437	250.000
3.1811	11452	45.0437	26.377	37.00	41.250	2371.827	57.925	-5.206	31.295	5.095	6.729	31.496	33.975	5.5316	1.19755	0.00017	45.0439	250.000
3.1814	11453	45.0439	26.377	37.00	41.250	2372.029	57.930	-5.206	31.296	5.095	6.729	31.496	33.975	5.5316	1.19745	0.00017	45.0441	250.000
3.1817	11454	45.0441	26.377	37.00	41.250	2372.231	57.935	-5.206	31.297	5.096	6.729	31.496	33.975	5.5316	1.19734	0.00017	45.0442	250.000
3.1819	11455	45.0442	26.378	37.00	41.250	2372.433	57.940	-5.206	31.297	5.096	6.729	31.496	33.975	5.5316	1.19723	0.00017	45.0444	250.000
3.1822	11456	45.0444	26.378	37.00	41.250	2372.635	57.945	-5.206	31.298	5.096	6.729	31.496	33.975	5.5316	1.19712	0.00017	45.0446	250.000
3.1825	11457	45.0446	26.378	37.00	41.250	2372.837	57.949	-5.206	31.299	5.096	6.729	31.496	33.975	5.5316	1.19701	0.00017	45.0447	250.000
3.1828	11458	45.0447	26.378	37.00	41.250	2373.039	57.954	-5.206	31.299	5.096	6.728	31.496	33.975	5.5316	1.19690	0.00017	45.0449	250.000
3.1831	11459	45.0449	26.378	37.00	41.250	2373.242	57.959	-5.206	31.300	5.096	6.728	31.496	33.975	5.5316	1.19680	0.00017	45.0451	250.000
3.1833	11460	45.0451	26.378	37.00	41.250	2373.444	57.964	-5.206	31.301	5.096	6.728	31.496	33.975	5.5316	1.19669	0.00017	45.0453	250.000
3.1836	11461	45.0453	26.379	37.00	41.250	2373.646	57.969	-5.206	31.301	5.096	6.728	31.496	33.975	5.5316	1.19658	0.00017	45.0454	250.000
3.1839	11462	45.0454	26.379	37.00	41.250	2373.848	57.974	-5.206	31.302	5.096	6.728	31.496	33.975	5.5316	1.19647	0.00017	45.0456	250.000
3.1842	11463	45.0456	26.379	37.00	41.250	2374.050	57.979	-5.206	31.303	5.097	6.728	31.496	33.975	5.5316	1.19636	0.00017	45.0458	250.000
3.1844	11464	45.0458	26.379	37.00	41.250	2374.252	57.984	-5.206	31.303	5.097	6.728	31.496	33.975	5.5316	1.19625	0.00017	45.0459	250.000
3.1847	11465	45.0459	26.379	37.00	41.250	2374.454	57.989	-5.206	31.304	5.097	6.728	31.496	33.975	5.5316	1.19615	0.00017	45.0461	250.000
3.1850	11466	45.0461	26.380	37.00	41.250	2374.656	57.994	-5.206	31.305	5.097	6.728	31.496	33.975	5.5316	1.19604	0.00017	45.0463	250.000
3.1853	11467	45.0463	26.380	37.00	41.250	2374.858	57.999	-5.206	31.305	5.097	6.727	31.496	33.975	5.5316	1.19593	0.00017	45.0465	250.000

3.1856	11468	45.0465	26.380	37.00	41.250	2375.060	58.004	-5.206	31.306	5.097	6.727	31.496	33.975	5.5316	1.19582	0.00017	45.0466	250.000
3.1858	11469	45.0466	26.380	37.00	41.250	2375.262	58.009	-5.206	31.307	5.097	6.727	31.496	33.975	5.5316	1.19571	0.00017	45.0468	250.000
3.1861	11470	45.0468	26.380	37.00	41.250	2375.464	58.014	-5.206	31.307	5.097	6.727	31.496	33.975	5.5316	1.19560	0.00017	45.0470	250.000
3.1864	11471	45.0470	26.380	37.00	41.250	2375.666	58.019	-5.206	31.308	5.097	6.727	31.496	33.975	5.5316	1.19550	0.00017	45.0471	250.000
3.1867	11472	45.0471	26.381	37.00	41.250	2375.868	58.023	-5.206	31.309	5.097	6.727	31.496	33.975	5.5316	1.19539	0.00017	45.0473	250.000
3.1869	11473	45.0473	26.381	37.00	41.250	2376.070	58.028	-5.206	31.309	5.098	6.727	31.496	33.975	5.5316	1.19528	0.00017	45.0475	250.000
3.1872	11474	45.0475	26.381	37.00	41.250	2376.272	58.033	-5.206	31.310	5.098	6.727	31.496	33.975	5.5316	1.19517	0.00017	45.0476	250.000
3.1875	11475	45.0476	26.381	37.00	41.250	2376.474	58.038	-5.206	31.311	5.098	6.727	31.496	33.975	5.5316	1.19506	0.00017	45.0478	250.000
3.1878	11476	45.0478	26.381	37.00	41.250	2376.676	58.043	-5.206	31.311	5.098	6.727	31.496	33.975	5.5316	1.19496	0.00017	45.0480	250.000
3.1881	11477	45.0480	26.381	37.00	41.250	2376.878	58.048	-5.206	31.312	5.098	6.726	31.496	33.975	5.5316	1.19485	0.00017	45.0482	250.000
3.1883	11478	45.0482	26.382	37.00	41.250	2377.080	58.053	-5.206	31.313	5.098	6.726	31.496	33.975	5.5316	1.19474	0.00017	45.0483	250.000
3.1886	11479	45.0483	26.382	37.00	41.250	2377.282	58.058	-5.206	31.313	5.098	6.726	31.496	33.975	5.5316	1.19463	0.00017	45.0485	250.000
3.1889	11480	45.0485	26.382	37.00	41.250	2377.484	58.063	-5.206	31.314	5.098	6.726	31.496	33.975	5.5316	1.19452	0.00017	45.0487	250.000
3.1892	11481	45.0487	26.382	37.00	41.250	2377.686	58.068	-5.206	31.315	5.098	6.726	31.496	33.975	5.5316	1.19442	0.00017	45.0488	250.000
3.1894	11482	45.0488	26.382	37.00	41.250	2377.888	58.073	-5.206	31.315	5.099	6.726	31.496	33.975	5.5316	1.19431	0.00017	45.0490	250.000
3.1897	11483	45.0490	26.382	37.00	41.250	2378.090	58.078	-5.206	31.316	5.099	6.726	31.496	33.975	5.5316	1.19420	0.00017	45.0492	250.000
3.1900	11484	45.0492	26.383	37.00	41.250	2378.292	58.083	-5.206	31.317	5.099	6.726	31.496	33.975	5.5316	1.19409	0.00017	45.0494	250.000
3.1903	11485	45.0494	26.383	37.00	41.250	2378.494	58.088	-5.206	31.317	5.099	6.726	31.496	33.975	5.5316	1.19398	0.00017	45.0495	250.000
3.1906	11486	45.0495	26.383	37.00	41.250	2378.696	58.093	-5.206	31.318	5.099	6.725	31.496	33.975	5.5316	1.19387	0.00017	45.0497	250.000
3.1908	11487	45.0497	26.383	37.00	41.250	2378.898	58.097	-5.206	31.319	5.099	6.725	31.496	33.975	5.5316	1.19377	0.00017	45.0499	250.000
3.1911	11488	45.0499	26.383	37.00	41.250	2379.100	58.102	-5.206	31.319	5.099	6.725	31.496	33.975	5.5316	1.19366	0.00017	45.0500	250.000
3.1914	11489	45.0500	26.383	37.00	41.250	2379.302	58.107	-5.206	31.320	5.099	6.725	31.496	33.975	5.5316	1.19355	0.00017	45.0502	250.000
3.1917	11490	45.0502	26.384	37.00	41.250	2379.504	58.112	-5.206	31.321	5.099	6.725	31.496	33.975	5.5316	1.19344	0.00017	45.0504	250.000
3.1919	11491	45.0504	26.384	37.00	41.250	2379.706	58.117	-5.206	31.321	5.100	6.725	31.496	33.975	5.5316	1.19333	0.00017	45.0506	250.000
3.1922	11492	45.0506	26.384	37.00	41.250	2379.909	58.122	-5.206	31.322	5.100	6.725	31.496	33.975	5.5316	1.19323	0.00017	45.0507	250.000
3.1925	11493	45.0507	26.384	37.00	41.250	2380.111	58.127	-5.206	31.323	5.100	6.725	31.496	33.975	5.5316	1.19312	0.00017	45.0509	250.000
3.1928	11494	45.0509	26.384	37.00	41.250	2380.313	58.132	-5.206	31.323	5.100	6.725	31.496	33.975	5.5316	1.19301	0.00017	45.0511	250.000
3.1931	11495	45.0511	26.384	37.00	41.250	2380.515	58.137	-5.206	31.324	5.100	6.724	31.496	33.975	5.5316	1.19290	0.00017	45.0512	250.000
3.1933	11496	45.0512	26.385	37.00	41.250	2380.717	58.142	-5.206	31.325	5.100	6.724	31.496	33.975	5.5316	1.19279	0.00017	45.0514	250.000
3.1936	11497	45.0514	26.385	37.00	41.250	2380.919	58.147	-5.206	31.325	5.100	6.724	31.496	33.975	5.5316	1.19269	0.00017	45.0516	250.000
3.1939	11498	45.0516	26.385	37.00	41.250	2381.121	58.152	-5.206	31.326	5.100	6.724	31.496	33.975	5.5316	1.19258	0.00017	45.0517	250.000
3.1942	11499	45.0517	26.385	37.00	41.250	2381.323	58.157	-5.206	31.327	5.100	6.724	31.496	33.975	5.5316	1.19247	0.00017	45.0519	250.000
3.1944	11500	45.0519	26.385	37.00	41.250	2381.525	58.162	-5.206	31.327	5.101	6.724	31.496	33.975	5.5316	1.19236	0.00017	45.0521	250.000
3.1947	11501	45.0521	26.385	37.00	41.250	2381.727	58.167	-5.206	31.328	5.101	6.724	31.496	33.975	5.5316	1.19226	0.00017	45.0523	250.000
3.1950	11502	45.0523	26.386	37.00	41.250	2381.929	58.171	-5.206	31.329	5.101	6.724	31.496	33.975	5.5316	1.19215	0.00017	45.0524	250.000
3.1953	11503	45.0524	26.386	37.00	41.250	2382.131	58.176	-5.206	31.329	5.101	6.724	31.496	33.975	5.5316	1.19204	0.00017	45.0526	250.000
3.1956	11504	45.0526	26.386	37.00	41.250	2382.333	58.181	-5.206	31.330	5.101	6.723	31.496	33.975	5.5316	1.19193	0.00017	45.0528	250.000
3.1958	11505	45.0528	26.386	37.00	41.250	2382.535	58.186	-5.206	31.331	5.101	6.723	31.496	33.975	5.5316	1.19182	0.00017	45.0529	250.000
3.1961	11506	45.0529	26.386	37.00	41.250	2382.737	58.191	-5.206	31.331	5.101	6.723	31.496	33.975	5.5316	1.19172	0.00017	45.0531	250.000
3.1964	11507	45.0531	26.386	37.00	41.250	2382.939	58.196	-5.206	31.332	5.101	6.723	31.496	33.975	5.5316	1.19161	0.00017	45.0533	250.000
3.1967	11508	45.0533	26.387	37.00	41.250	2383.141	58.201	-5.206	31.333	5.101	6.723	31.496	33.975	5.5316	1.19150	0.00017	45.0534	250.000
3.1969	11509	45.0534	26.387	37.00	41.250	2383.343	58.206	-5.206	31.333	5.101	6.723	31.496	33.975	5.5316	1.19139	0.00017	45.0536	250.000
3.1972	11510	45.0536	26.387	37.00	41.250	2383.545	58.211	-5.206	31.334	5.102	6.723	31.496	33.975	5.5316	1.19128	0.00017	45.0538	250.000
3.1975	11511	45.0538	26.387	37.00	41.250	2383.747	58.216	-5.206	31.335	5.102	6.723	31.496	33.975	5.5316	1.19118	0.00017	45.0540	250.000
3.1978	11512	45.0540	26.387	37.00	41.250	2383.949	58.221	-5.206	31.335	5.102	6.723	31.496	33.975	5.5316	1.19107	0.00017	45.0541	250.000
3.1981	11513	45.0541	26.388	37.00	41.250	2384.151	58.226	-5.206	31.336	5.102	6.723	31.496	33.975	5.5316	1.19096	0.00017	45.0543	250.000
3.1983	11514	45.0543	26.388	37.00	41.250	2384.353	58.231	-5.206	31.337	5.102	6.722	31.496	33.975	5.5316	1.19085	0.00017	45.0545	250.000
3.1986	11515	45.0545	26.388	37.00	41.250	2384.555	58.236	-5.206	31.337	5.102	6.722	31.496	33.975	5.5316	1.19075	0.00017	45.0546	250.000
3.1989	11516	45.0546	26.388	37.00	41.250	2384.757	58.241	-5.206	31.338	5.102	6.722	31.496	33.975	5.5316	1.19064	0.00017	45.0548	250.000
3.1992	11517	45.0548	26.388	37.00	41.250	2384.959	58.245	-5.206	31.339	5.102	6.722	31.496	33.975	5.5316	1.19053	0.00017	45.0550	250.000
3.1994	11518	45.0550	26.388	37.00	41.250	2385.161	58.250	-5.206	31.339	5.102	6.722	31.496	33.975	5.5316	1.19042	0.00017	45.0551	250.000
3.1997	11519	45.0551	26.389	37.00	41.250	2385.363	58.255	-5.206	31.340	5.103	6.722	31.496	33.975	5.5316	1.19031	0.00017	45.0553	250.000
3.2000	11520	45.0553	26.389	37.00	41.250	2385.565	58.260	-5.206	31.341	5.103	6.722	31.496	33.975	5.5316	1.19021	0.00017	45.0555	250.000
3.2003	11521	45.0555	26.389	37.00	41.250	2385.767	58.265	-5.206	31.341	5.103	6.722	31.496	33.975	5.5316	1.19010	0.00017	45.0557	250.000
3.2006	11522	45.0557	26.389	37.00	41.250	2385.969	58.270	-5.206	31.342	5.103	6.722	31.496	33.975	5.5316	1.18999	0.00017	45.0558	250.000
3.2008	11523	45.0558	26.389	37.00	41.250	2386.171	58.275	-5.206	31.343	5.103	6.721	31.496	33.975	5.5316	1.18988	0.00017	45.0560	250.000
3.2011	11524	45.0560	26.389	37.00	41.250	2386.373	58.280	-5.206	31.343	5.103	6.721	31.496	33.975	5.5316	1.18978	0.00017	45.0562	250.000
3.2014	11525	45.0562	26.390	37.00	41.250	2386.576	58.285	-5.206	31.344	5.103	6.721	31.496	33.975	5.5316	1.18967	0.00017	45.0563	250.000
3.2017	11526	45.0563	26.390	37.00	41.250	2386.778	58.290	-5.206	31.345	5.103	6.721	31.496	33.975	5.5316	1.18956	0.00017	45.0565	250.000
3.2019	11527	45.0565	26.390	37.00	41.250	2386.980	58.295	-5.206	31.345	5.103	6.721	31.496	33.975	5.5316	1.18945	0.00017	45.0567	250.000
3.2022	11528	45.0567	26.390	37.00	41.250	2387.182	58.300	-5.206	31.346	5.104	6.721	31.496	33.975	5.5316	1.18935	0.00017	45.0568	250.000
3.2025	11529	45.0568	26.390	37.00	41.250	2387.384	58.305	-5.206	31.347	5.104	6.721	31.496	33.975	5.5316	1.18924	0.00017	45.0570	250.000
3.2028	11530	45.0570	26.390	37.00	41.250	2387.586	58.310	-5.206	31.347	5.104	6.721	31.496	33.975	5.5316	1.18913	0.00017	45.0572	250.000
3.2031	11531	45.0572	26.391	37.00	41.250	2387.788	58.315	-5.206	31.348	5.104	6.721	31.496	33.975	5.5316	1.18902	0.00017	45.0574	250.000
3.2033	11532	45.0574	26.391	37.00	41.250	2387.990	58.320	-5.206	31.349	5.104	6.720	31.496	33.975	5.5316	1.18892	0.00017	45.0575	250.000
3.2036	11533	45.0575	26.391	37.00	41.250	2388.192	58.324	-5.206	31.349	5.104	6.720	31.496	33.975	5.5316	1.18881	0.00017	45.0577	250.000
3.2039	11534	45.0577	26.391	37.00	41.250	2388.394	58.329	-5.206	31.350	5.104	6.720	31.496	33.975	5.5316	1.18870	0.00017	45.0579	250.000
3.2042	11535	45.0579	26.391	37.00	41.250	2388.596	58.334	-5.206	31.351	5.104	6.720	31.496	33.975	5.5316	1.18859	0.00017	45.0580	250.000
3.2044	11536	45.0580	26.391	37.00	41.250	2388.798	58.339	-5.206	31.351	5.104	6.720	31.496	33.975	5.5316	1.18848	0.00017	45.0582	250.000
3.2047	11537	45.0582	26.392	37.00	41.250	2389.000	58.344	-5.206	31.352	5.104	6.720	31.496	33.975	5.5316	1.18838	0.00017	45.0584	250.000
3.2050	11538	45.0584	26.392	37.00	41.250	2389.202	58.349	-5.206	31.352	5.105	6.720	31.496	33.975	5.5316	1.18827	0.00017	45.0585	250.000
3.2053	11539	45.0585	26.392	37.00	41.250	2389.404	58.354	-5.206	31.353	5.105	6.720	31.496	33.975	5.5316	1.18816	0.00017	45.0587	250.000
3.2056	11540	45.0587	26.392	37.00	41.250	2389.606	58.359	-5.206	31.354	5.105	6.720	31.496	33.975	5.5316	1.18805	0.00017	45.0589	250.000
3.2058	11541	45.0589	26.392	37.00	41.250	2389.808	58.364	-5.206	31.354	5.105	6.720	31.496	33.975	5.5316	1.18795	0.00017	45.0591	250.000
3.2061	11542	45.0591	26.392	37.00	41.250	2390.010	58.369	-5.206	31.355	5.105	6.719	31.496	33.975	5.5316	1.18784	0.00017	45.0592	250.000
3.2064	11543	45.0592	26.393	37.00	41.250	2390.212	58.374	-5.206	31.356	5.105	6.719	31.496	33.975	5.5316	1.18773	0.00017	45.0594	250.000
3.2067	11544	45.0594	26.393	37.00	41.250	2390.414	58.379	-5.206	31.356	5.105	6.719	31.496	33.975	5.5316	1.18762	0.00017	45.0596	250.000
3.2069	11545	45.0596	26.393	37.00	41.250	2390.616	58.384	-5.206	31.357	5.105	6.719	31.496	33.975	5.5316	1.18752	0.00017	45.0597	250.000
3.2072	11546	45.0597	26.393	37.00	41.250	2390.818	58.389	-5.206	31.358	5.105	6.719	31.496	33.975	5.5316	1.18741	0.00017	45.0599	250.000
3.2075	11547	45.0599	26.393	37.00	41.250	2391.020	58.394	-5.206	31.358	5.106	6.719	31.496	33.975	5.5316	1.18730	0.00017	45.0601	250.000
3.2078	11548	45.0601	26.393	37.00	41.250	2391.222	58.398	-5.206	31.359	5.106	6.719	31.496	33.975	5.5316	1.18719	0.00017	45.0602	250.000

3.2081	11549	45.0602	26.394	37.00	41.250	2391.424	58.403	-5.206	31.360	5.106	6.719	31.496	33.975	5.5316	1.18709	0.00017	45.0604	250.000
3.2083	11550	45.0604	26.394	37.00	41.250	2391.626	58.408	-5.206	31.360	5.106	6.719	31.496	33.975	5.5316	1.18698	0.00017	45.0606	250.000
3.2086	11551	45.0606	26.394	37.00	41.250	2391.828	58.413	-5.206	31.361	5.106	6.718	31.496	33.975	5.5316	1.18687	0.00017	45.0608	250.000
3.2089	11552	45.0608	26.394	37.00	41.250	2392.030	58.418	-5.206	31.362	5.106	6.718	31.496	33.975	5.5316	1.18677	0.00017	45.0609	250.000
3.2092	11553	45.0609	26.394	37.00	41.250	2392.232	58.423	-5.206	31.362	5.106	6.718	31.496	33.975	5.5316	1.18666	0.00017	45.0611	250.000
3.2094	11554	45.0611	26.394	37.00	41.250	2392.434	58.428	-5.206	31.363	5.106	6.718	31.496	33.975	5.5316	1.18655	0.00017	45.0613	250.000
3.2097	11555	45.0613	26.395	37.00	41.250	2392.636	58.433	-5.206	31.364	5.106	6.718	31.496	33.975	5.5316	1.18644	0.00017	45.0614	250.000
3.2100	11556	45.0614	26.395	37.00	41.250	2392.838	58.438	-5.206	31.364	5.107	6.718	31.496	33.975	5.5316	1.18634	0.00017	45.0616	250.000
3.2103	11557	45.0616	26.395	37.00	41.250	2393.040	58.443	-5.206	31.365	5.107	6.718	31.496	33.975	5.5316	1.18623	0.00017	45.0618	250.000
3.2106	11558	45.0618	26.395	37.00	41.250	2393.242	58.448	-5.206	31.366	5.107	6.718	31.496	33.975	5.5316	1.18612	0.00017	45.0619	250.000
3.2108	11559	45.0619	26.395	37.00	41.250	2393.445	58.453	-5.206	31.366	5.107	6.718	31.496	33.975	5.5316	1.18601	0.00017	45.0621	250.000
3.2111	11560	45.0621	26.395	37.00	41.250	2393.647	58.458	-5.206	31.367	5.107	6.717	31.496	33.975	5.5316	1.18591	0.00017	45.0623	250.000
3.2114	11561	45.0623	26.396	37.00	41.250	2393.849	58.463	-5.206	31.368	5.107	6.717	31.496	33.975	5.5316	1.18580	0.00017	45.0624	250.000
3.2117	11562	45.0624	26.396	37.00	41.250	2394.051	58.468	-5.206	31.368	5.107	6.717	31.496	33.975	5.5316	1.18569	0.00017	45.0626	250.000
3.2119	11563	45.0626	26.396	37.00	41.250	2394.253	58.472	-5.206	31.369	5.107	6.717	31.496	33.975	5.5316	1.18558	0.00017	45.0628	250.000
3.2122	11564	45.0628	26.396	37.00	41.250	2394.455	58.477	-5.206	31.370	5.107	6.717	31.496	33.975	5.5316	1.18548	0.00017	45.0630	250.000
3.2125	11565	45.0630	26.396	37.00	41.250	2394.657	58.482	-5.206	31.370	5.108	6.717	31.496	33.975	5.5316	1.18537	0.00017	45.0631	250.000
3.2128	11566	45.0631	26.397	37.00	41.250	2394.859	58.487	-5.206	31.371	5.108	6.717	31.496	33.975	5.5316	1.18526	0.00017	45.0633	250.000
3.2131	11567	45.0633	26.397	37.00	41.250	2395.061	58.492	-5.206	31.372	5.108	6.717	31.496	33.975	5.5316	1.18516	0.00017	45.0635	250.000
3.2133	11568	45.0635	26.397	37.00	41.250	2395.263	58.497	-5.206	31.372	5.108	6.717	31.496	33.975	5.5316	1.18505	0.00017	45.0636	250.000
3.2136	11569	45.0636	26.397	37.00	41.250	2395.465	58.502	-5.206	31.373	5.108	6.716	31.496	33.975	5.5316	1.18494	0.00017	45.0638	250.000
3.2139	11570	45.0638	26.397	37.00	41.250	2395.667	58.507	-5.206	31.374	5.108	6.716	31.496	33.975	5.5316	1.18483	0.00017	45.0640	250.000
3.2142	11571	45.0640	26.397	37.00	41.250	2395.869	58.512	-5.206	31.374	5.108	6.716	31.496	33.975	5.5316	1.18473	0.00017	45.0641	250.000
3.2144	11572	45.0641	26.398	37.00	41.250	2396.071	58.517	-5.206	31.375	5.108	6.716	31.496	33.975	5.5316	1.18462	0.00017	45.0643	250.000
3.2147	11573	45.0643	26.398	37.00	41.250	2396.273	58.522	-5.206	31.376	5.108	6.716	31.496	33.975	5.5316	1.18451	0.00017	45.0645	250.000
3.2150	11574	45.0645	26.398	37.00	41.250	2396.475	58.527	-5.206	31.376	5.108	6.716	31.496	33.975	5.5316	1.18440	0.00017	45.0646	250.000
3.2153	11575	45.0646	26.398	37.00	41.250	2396.677	58.532	-5.206	31.377	5.109	6.716	31.496	33.975	5.5316	1.18430	0.00017	45.0648	250.000
3.2156	11576	45.0648	26.398	37.00	41.250	2396.879	58.537	-5.206	31.378	5.109	6.716	31.496	33.975	5.5316	1.18419	0.00017	45.0650	250.000
3.2158	11577	45.0650	26.398	37.00	41.250	2397.081	58.542	-5.206	31.378	5.109	6.716	31.496	33.975	5.5316	1.18408	0.00017	45.0652	250.000
3.2161	11578	45.0652	26.399	37.00	41.250	2397.283	58.546	-5.206	31.379	5.109	6.716	31.496	33.975	5.5316	1.18398	0.00017	45.0653	250.000
3.2164	11579	45.0653	26.399	37.00	41.250	2397.485	58.551	-5.206	31.380	5.109	6.715	31.496	33.975	5.5316	1.18387	0.00017	45.0655	250.000
3.2167	11580	45.0655	26.399	37.00	41.250	2397.687	58.556	-5.206	31.380	5.109	6.715	31.496	33.975	5.5316	1.18376	0.00017	45.0657	250.000
3.2169	11581	45.0657	26.399	37.00	41.250	2397.889	58.561	-5.206	31.381	5.109	6.715	31.496	33.975	5.5316	1.18365	0.00017	45.0658	250.000
3.2172	11582	45.0658	26.399	37.00	41.250	2398.091	58.566	-5.206	31.381	5.109	6.715	31.496	33.975	5.5316	1.18355	0.00017	45.0660	250.000
3.2175	11583	45.0660	26.399	37.00	41.250	2398.293	58.571	-5.206	31.382	5.109	6.715	31.496	33.975	5.5316	1.18344	0.00017	45.0662	250.000
3.2178	11584	45.0662	26.400	37.00	41.250	2398.495	58.576	-5.206	31.383	5.110	6.715	31.496	33.975	5.5316	1.18333	0.00017	45.0663	250.000
3.2181	11585	45.0663	26.400	37.00	41.250	2398.697	58.581	-5.206	31.383	5.110	6.715	31.496	33.975	5.5316	1.18323	0.00017	45.0665	250.000
3.2183	11586	45.0665	26.400	37.00	41.250	2398.899	58.586	-5.206	31.384	5.110	6.715	31.496	33.975	5.5316	1.18312	0.00017	45.0667	250.000
3.2186	11587	45.0667	26.400	37.00	41.250	2399.101	58.591	-5.206	31.385	5.110	6.715	31.496	33.975	5.5316	1.18301	0.00017	45.0668	250.000
3.2189	11588	45.0668	26.400	37.00	41.250	2399.303	58.596	-5.206	31.385	5.110	6.714	31.496	33.975	5.5316	1.18291	0.00017	45.0670	250.000
3.2192	11589	45.0670	26.400	37.00	41.250	2399.505	58.601	-5.206	31.386	5.110	6.714	31.496	33.975	5.5316	1.18280	0.00017	45.0672	250.000
3.2194	11590	45.0672	26.401	37.00	41.250	2399.707	58.606	-5.206	31.387	5.110	6.714	31.496	33.975	5.5316	1.18269	0.00017	45.0674	250.000
3.2197	11591	45.0674	26.401	37.00	41.250	2399.909	58.611	-5.206	31.387	5.110	6.714	31.496	33.975	5.5316	1.18258	0.00017	45.0675	250.000
3.2200	11592	45.0675	26.401	37.00	41.250	2400.112	58.616	-5.206	31.388	5.110	6.714	31.496	33.975	5.5316	1.18248	0.00017	45.0677	250.000
3.2203	11593	45.0677	26.401	37.00	41.250	2400.314	58.620	-5.206	31.389	5.111	6.714	31.496	33.975	5.5316	1.18237	0.00017	45.0679	250.000
3.2206	11594	45.0679	26.401	37.00	41.250	2400.516	58.625	-5.206	31.389	5.111	6.714	31.496	33.975	5.5316	1.18226	0.00017	45.0680	250.000
3.2208	11595	45.0680	26.401	37.00	41.250	2400.718	58.630	-5.206	31.390	5.111	6.714	31.496	33.975	5.5316	1.18216	0.00017	45.0682	250.000
3.2211	11596	45.0682	26.402	37.00	41.250	2400.920	58.635	-5.206	31.391	5.111	6.714	31.496	33.975	5.5316	1.18205	0.00017	45.0684	250.000
3.2214	11597	45.0684	26.402	37.00	41.250	2401.122	58.640	-5.206	31.391	5.111	6.713	31.496	33.975	5.5316	1.18194	0.00017	45.0685	250.000
3.2217	11598	45.0685	26.402	37.00	41.250	2401.324	58.645	-5.206	31.392	5.111	6.713	31.496	33.975	5.5316	1.18184	0.00017	45.0687	250.000
3.2219	11599	45.0687	26.402	37.00	41.250	2401.526	58.650	-5.206	31.393	5.111	6.713	31.496	33.975	5.5316	1.18173	0.00017	45.0689	250.000
3.2222	11600	45.0689	26.402	37.00	41.250	2401.728	58.655	-5.206	31.393	5.111	6.713	31.496	33.975	5.5316	1.18162	0.00017	45.0690	250.000
3.2225	11601	45.0690	26.402	37.00	41.250	2401.930	58.660	-5.206	31.394	5.111	6.713	31.496	33.975	5.5316	1.18151	0.00017	45.0692	250.000
3.2228	11602	45.0692	26.403	37.00	41.250	2402.132	58.665	-5.206	31.395	5.111	6.713	31.496	33.975	5.5316	1.18141	0.00017	45.0694	250.000
3.2231	11603	45.0694	26.403	37.00	41.250	2402.334	58.670	-5.206	31.395	5.112	6.713	31.496	33.975	5.5316	1.18130	0.00017	45.0695	250.000
3.2233	11604	45.0695	26.403	37.00	41.250	2402.536	58.675	-5.206	31.396	5.112	6.713	31.496	33.975	5.5316	1.18119	0.00017	45.0697	250.000
3.2236	11605	45.0697	26.403	37.00	41.250	2402.738	58.680	-5.206	31.397	5.112	6.713	31.496	33.975	5.5316	1.18109	0.00017	45.0699	250.000
3.2239	11606	45.0699	26.403	37.00	41.250	2402.940	58.685	-5.206	31.397	5.112	6.713	31.496	33.975	5.5316	1.18098	0.00017	45.0701	250.000
3.2242	11607	45.0701	26.403	37.00	41.250	2403.142	58.690	-5.206	31.398	5.112	6.712	31.496	33.975	5.5316	1.18087	0.00017	45.0702	250.000
3.2244	11608	45.0702	26.404	37.00	41.250	2403.344	58.694	-5.206	31.399	5.112	6.712	31.496	33.975	5.5316	1.18077	0.00017	45.0704	250.000
3.2247	11609	45.0704	26.404	37.00	41.250	2403.546	58.699	-5.206	31.399	5.112	6.712	31.496	33.975	5.5316	1.18066	0.00017	45.0706	250.000
3.2250	11610	45.0706	26.404	37.00	41.250	2403.748	58.704	-5.206	31.400	5.112	6.712	31.496	33.975	5.5316	1.18055	0.00017	45.0707	250.000
3.2253	11611	45.0707	26.404	37.00	41.250	2403.950	58.709	-5.206	31.401	5.112	6.712	31.496	33.975	5.5316	1.18045	0.00017	45.0709	250.000
3.2256	11612	45.0709	26.404	37.00	41.250	2404.152	58.714	-5.206	31.401	5.113	6.712	31.496	33.975	5.5316	1.18034	0.00017	45.0711	250.000
3.2258	11613	45.0711	26.404	37.00	41.250	2404.354	58.719	-5.206	31.402	5.113	6.712	31.496	33.975	5.5316	1.18023	0.00017	45.0712	250.000
3.2261	11614	45.0712	26.405	37.00	41.250	2404.556	58.724	-5.206	31.403	5.113	6.712	31.496	33.975	5.5316	1.18013	0.00017	45.0714	250.000
3.2264	11615	45.0714	26.405	37.00	41.250	2404.758	58.729	-5.206	31.403	5.113	6.712	31.496	33.975	5.5316	1.18002	0.00017	45.0716	250.000
3.2267	11616	45.0716	26.405	37.00	41.250	2404.960	58.734	-5.206	31.404	5.113	6.711	31.496	33.975	5.5316	1.17991	0.00017	45.0717	250.000
3.2269	11617	45.0717	26.405	37.00	41.250	2405.162	58.739	-5.206	31.404	5.113	6.711	31.496	33.975	5.5316	1.17980	0.00017	45.0719	250.000
3.2272	11618	45.0719	26.405	37.00	41.250	2405.364	58.744	-5.206	31.405	5.113	6.711	31.496	33.975	5.5316	1.17970	0.00017	45.0721	250.000
3.2275	11619	45.0721	26.405	37.00	41.250	2405.566	58.749	-5.206	31.406	5.113	6.711	31.496	33.975	5.5316	1.17959	0.00017	45.0722	250.000
3.2278	11620	45.0722	26.406	37.00	41.250	2405.768	58.754	-5.206	31.406	5.113	6.711	31.496	33.975	5.5316	1.17948	0.00017	45.0724	250.000
3.2281	11621	45.0724	26.406	37.00	41.250	2405.970	58.759	-5.206	31.407	5.113	6.711	31.496	33.975	5.5316	1.17938	0.00017	45.0726	250.000
3.2283	11622	45.0726	26.406	37.00	41.250	2406.172	58.764	-5.206	31.408	5.114	6.711	31.496	33.975	5.5316	1.17927	0.00017	45.0727	250.000
3.2286	11623	45.0727	26.406	37.00	41.250	2406.374	58.768	-5.206	31.408	5.114	6.711	31.496	33.975	5.5316	1.17916	0.00017	45.0729	250.000
3.2289	11624	45.0729	26.406	37.00	41.250	2406.576	58.773	-5.206	31.409	5.114	6.711	31.496	33.975	5.5316	1.17906	0.00017	45.0731	250.000
3.2292	11625	45.0731	26.406	37.00	41.250	2406.778	58.778	-5.206	31.410	5.114	6.711	31.496	33.975	5.5316	1.17895	0.00017	45.0733	250.000
3.2294	11626	45.0733	26.407	37.00	41.250	2406.981	58.783	-5.206	31.410	5.114	6.710	31.496	33.975	5.5316	1.17884	0.00017	45.0734	250.000
3.2297	11627	45.0734	26.407	37.00	41.250	2407.183	58.788	-5.206	31.411	5.114	6.710	31.496	33.975	5.5316	1.17874	0.00017	45.0736	250.000
3.2300	11628	45.0736	26.407	37.00	41.250	2407.385	58.793	-5.206	31.412	5.114	6.710	31.496	33.975	5.5316	1.17863	0.00017	45.0738	250.000
3.2303	11629	45.0738	26.407	37.00	41.250	2407.587	58.798	-5.206	31.412	5.114	6.710	31.496	33.975	5.5316	1.17852	0.00017	45.0739	250.000

3.2306	11630	45.0739	26.407	37.00	41.250	2407.789	58.803	-5.206	31.413	5.114	6.710	31.496	33.975	5.5316	1.17842	0.00017	45.0741	250.000
3.2308	11631	45.0741	26.407	37.00	41.250	2407.991	58.808	-5.206	31.414	5.115	6.710	31.496	33.975	5.5316	1.17831	0.00017	45.0743	250.000
3.2311	11632	45.0743	26.408	37.00	41.250	2408.193	58.813	-5.206	31.414	5.115	6.710	31.496	33.975	5.5316	1.17820	0.00017	45.0744	250.000
3.2314	11633	45.0744	26.408	37.00	41.250	2408.395	58.818	-5.206	31.415	5.115	6.710	31.496	33.975	5.5316	1.17810	0.00017	45.0746	250.000
3.2317	11634	45.0746	26.408	37.00	41.250	2408.597	58.823	-5.206	31.416	5.115	6.710	31.496	33.975	5.5316	1.17799	0.00017	45.0748	250.000
3.2319	11635	45.0748	26.408	37.00	41.250	2408.799	58.828	-5.206	31.416	5.115	6.709	31.496	33.975	5.5316	1.17788	0.00017	45.0749	250.000
3.2322	11636	45.0749	26.408	37.00	41.250	2409.001	58.833	-5.206	31.417	5.115	6.709	31.496	33.975	5.5316	1.17778	0.00017	45.0751	250.000
3.2325	11637	45.0751	26.408	37.00	41.250	2409.203	58.838	-5.206	31.418	5.115	6.709	31.496	33.975	5.5316	1.17767	0.00017	45.0753	250.000
3.2328	11638	45.0753	26.409	37.00	41.250	2409.405	58.843	-5.206	31.418	5.115	6.709	31.496	33.975	5.5316	1.17756	0.00017	45.0754	250.000
3.2331	11639	45.0754	26.409	37.00	41.250	2409.607	58.847	-5.206	31.419	5.115	6.709	31.496	33.975	5.5316	1.17746	0.00017	45.0756	250.000
3.2333	11640	45.0756	26.409	37.00	41.250	2409.809	58.852	-5.206	31.420	5.116	6.709	31.496	33.975	5.5316	1.17735	0.00017	45.0758	250.000
3.2336	11641	45.0758	26.409	37.00	41.250	2410.011	58.857	-5.206	31.420	5.116	6.709	31.496	33.975	5.5316	1.17725	0.00017	45.0759	250.000
3.2339	11642	45.0759	26.409	37.00	41.250	2410.213	58.862	-5.206	31.421	5.116	6.709	31.496	33.975	5.5316	1.17714	0.00017	45.0761	250.000
3.2342	11643	45.0761	26.410	37.00	41.250	2410.415	58.867	-5.206	31.422	5.116	6.709	31.496	33.975	5.5316	1.17703	0.00017	45.0763	250.000
3.2344	11644	45.0763	26.410	37.00	41.250	2410.617	58.872	-5.206	31.422	5.116	6.708	31.496	33.975	5.5316	1.17693	0.00017	45.0765	250.000
3.2347	11645	45.0765	26.410	37.00	41.250	2410.819	58.877	-5.206	31.423	5.116	6.708	31.496	33.975	5.5316	1.17682	0.00017	45.0766	250.000
3.2350	11646	45.0766	26.410	37.00	41.250	2411.021	58.882	-5.206	31.423	5.116	6.708	31.496	33.975	5.5316	1.17671	0.00017	45.0768	250.000
3.2353	11647	45.0768	26.410	37.00	41.250	2411.223	58.887	-5.206	31.424	5.116	6.708	31.496	33.975	5.5316	1.17661	0.00017	45.0770	250.000
3.2356	11648	45.0770	26.410	37.00	41.250	2411.425	58.892	-5.206	31.425	5.116	6.708	31.496	33.975	5.5316	1.17650	0.00017	45.0771	250.000
3.2358	11649	45.0771	26.411	37.00	41.250	2411.627	58.897	-5.206	31.425	5.116	6.708	31.496	33.975	5.5316	1.17639	0.00017	45.0773	250.000
3.2361	11650	45.0773	26.411	37.00	41.250	2411.829	58.902	-5.206	31.426	5.117	6.708	31.496	33.975	5.5316	1.17629	0.00017	45.0775	250.000
3.2364	11651	45.0775	26.411	37.00	41.250	2412.031	58.907	-5.206	31.427	5.117	6.708	31.496	33.975	5.5316	1.17618	0.00017	45.0776	250.000
3.2367	11652	45.0776	26.411	37.00	41.250	2412.233	58.912	-5.206	31.427	5.117	6.708	31.496	33.975	5.5316	1.17607	0.00017	45.0778	250.000
3.2369	11653	45.0778	26.411	37.00	41.250	2412.435	58.917	-5.206	31.428	5.117	6.708	31.496	33.975	5.5316	1.17597	0.00017	45.0780	250.000
3.2372	11654	45.0780	26.411	37.00	41.250	2412.637	58.921	-5.206	31.429	5.117	6.707	31.496	33.975	5.5316	1.17586	0.00017	45.0781	250.000
3.2375	11655	45.0781	26.412	37.00	41.250	2412.839	58.926	-5.206	31.429	5.117	6.707	31.496	33.975	5.5316	1.17575	0.00017	45.0783	250.000
3.2378	11656	45.0783	26.412	37.00	41.250	2413.041	58.931	-5.206	31.430	5.117	6.707	31.496	33.975	5.5316	1.17565	0.00017	45.0785	250.000
3.2381	11657	45.0785	26.412	37.00	41.250	2413.243	58.936	-5.206	31.431	5.117	6.707	31.496	33.975	5.5316	1.17554	0.00017	45.0786	250.000
3.2383	11658	45.0786	26.412	37.00	41.250	2413.445	58.941	-5.206	31.431	5.117	6.707	31.496	33.975	5.5316	1.17544	0.00017	45.0788	250.000
3.2386	11659	45.0788	26.412	37.00	41.250	2413.648	58.946	-5.206	31.432	5.118	6.707	31.496	33.975	5.5316	1.17533	0.00017	45.0790	250.000
3.2389	11660	45.0790	26.412	37.00	41.250	2413.850	58.951	-5.206	31.433	5.118	6.707	31.496	33.975	5.5316	1.17522	0.00017	45.0791	250.000
3.2392	11661	45.0791	26.413	37.00	41.250	2414.052	58.956	-5.206	31.433	5.118	6.707	31.496	33.975	5.5316	1.17512	0.00017	45.0793	250.000
3.2394	11662	45.0793	26.413	37.00	41.250	2414.254	58.961	-5.206	31.434	5.118	6.707	31.496	33.975	5.5316	1.17501	0.00017	45.0795	250.000
3.2397	11663	45.0795	26.413	37.00	41.250	2414.456	58.966	-5.206	31.435	5.118	6.706	31.496	33.975	5.5316	1.17490	0.00017	45.0796	250.000
3.2400	11664	45.0796	26.413	37.00	41.250	2414.658	58.971	-5.206	31.435	5.118	6.706	31.496	33.975	5.5316	1.17480	0.00017	45.0798	250.000
3.2403	11665	45.0798	26.413	37.00	41.250	2414.860	58.976	-5.206	31.436	5.118	6.706	31.496	33.975	5.5316	1.17469	0.00017	45.0800	250.000
3.2406	11666	45.0800	26.413	37.00	41.250	2415.062	58.981	-5.206	31.437	5.118	6.706	31.496	33.975	5.5316	1.17458	0.00017	45.0801	250.000
3.2408	11667	45.0801	26.414	37.00	41.250	2415.264	58.986	-5.206	31.437	5.118	6.706	31.496	33.975	5.5316	1.17448	0.00017	45.0803	250.000
3.2411	11668	45.0803	26.414	37.00	41.250	2415.466	58.991	-5.206	31.438	5.119	6.706	31.496	33.975	5.5316	1.17437	0.00017	45.0805	250.000
3.2414	11669	45.0805	26.414	37.00	41.250	2415.668	58.995	-5.206	31.439	5.119	6.706	31.496	33.975	5.5316	1.17427	0.00017	45.0807	250.000
3.2417	11670	45.0807	26.414	37.00	41.250	2415.870	59.000	-5.206	31.439	5.119	6.706	31.496	33.975	5.5316	1.17416	0.00017	45.0808	250.000
3.2419	11671	45.0808	26.414	37.00	41.250	2416.072	59.005	-5.206	31.440	5.119	6.706	31.496	33.975	5.5316	1.17405	0.00017	45.0810	250.000
3.2422	11672	45.0810	26.414	37.00	41.250	2416.274	59.010	-5.206	31.440	5.119	6.706	31.496	33.975	5.5316	1.17395	0.00017	45.0812	250.000
3.2425	11673	45.0812	26.415	37.00	41.250	2416.476	59.015	-5.206	31.441	5.119	6.705	31.496	33.975	5.5316	1.17384	0.00017	45.0813	250.000
3.2428	11674	45.0813	26.415	37.00	41.250	2416.678	59.020	-5.206	31.442	5.119	6.705	31.496	33.975	5.5316	1.17373	0.00017	45.0815	250.000
3.2431	11675	45.0815	26.415	37.00	41.250	2416.880	59.025	-5.206	31.442	5.119	6.705	31.496	33.975	5.5316	1.17363	0.00017	45.0817	250.000
3.2433	11676	45.0817	26.415	37.00	41.250	2417.082	59.030	-5.206	31.443	5.119	6.705	31.496	33.975	5.5316	1.17352	0.00017	45.0818	250.000
3.2436	11677	45.0818	26.415	37.00	41.250	2417.284	59.035	-5.206	31.444	5.119	6.705	31.496	33.975	5.5316	1.17342	0.00017	45.0820	250.000
3.2439	11678	45.0820	26.415	37.00	41.250	2417.486	59.040	-5.206	31.444	5.120	6.705	31.496	33.975	5.5316	1.17331	0.00017	45.0822	250.000
3.2442	11679	45.0822	26.416	37.00	41.250	2417.688	59.045	-5.206	31.445	5.120	6.705	31.496	33.975	5.5316	1.17320	0.00017	45.0823	250.000
3.2444	11680	45.0823	26.416	37.00	41.250	2417.890	59.050	-5.206	31.446	5.120	6.705	31.496	33.975	5.5316	1.17310	0.00017	45.0825	250.000
3.2447	11681	45.0825	26.416	37.00	41.250	2418.092	59.055	-5.206	31.446	5.120	6.705	31.496	33.975	5.5316	1.17299	0.00017	45.0827	250.000
3.2450	11682	45.0827	26.416	37.00	41.250	2418.294	59.060	-5.206	31.447	5.120	6.704	31.496	33.975	5.5316	1.17289	0.00017	45.0828	250.000
3.2453	11683	45.0828	26.416	37.00	41.250	2418.496	59.065	-5.206	31.448	5.120	6.704	31.496	33.975	5.5316	1.17278	0.00017	45.0830	250.000
3.2456	11684	45.0830	26.416	37.00	41.250	2418.698	59.069	-5.206	31.448	5.120	6.704	31.496	33.975	5.5316	1.17267	0.00017	45.0832	250.000
3.2458	11685	45.0832	26.417	37.00	41.250	2418.900	59.074	-5.206	31.449	5.120	6.704	31.496	33.975	5.5316	1.17257	0.00017	45.0833	250.000
3.2461	11686	45.0833	26.417	37.00	41.250	2419.102	59.079	-5.206	31.450	5.120	6.704	31.496	33.975	5.5316	1.17246	0.00017	45.0835	250.000
3.2464	11687	45.0835	26.417	37.00	41.250	2419.304	59.084	-5.206	31.450	5.121	6.704	31.496	33.975	5.5316	1.17235	0.00017	45.0837	250.000
3.2467	11688	45.0837	26.417	37.00	41.250	2419.506	59.089	-5.206	31.451	5.121	6.704	31.496	33.975	5.5316	1.17225	0.00017	45.0838	250.000
3.2469	11689	45.0838	26.417	37.00	41.250	2419.708	59.094	-5.206	31.452	5.121	6.704	31.496	33.975	5.5316	1.17214	0.00017	45.0840	250.000
3.2472	11690	45.0840	26.417	37.00	41.250	2419.910	59.099	-5.206	31.452	5.121	6.704	31.496	33.975	5.5316	1.17204	0.00017	45.0842	250.000
3.2475	11691	45.0842	26.418	37.00	41.250	2420.112	59.104	-5.206	31.453	5.121	6.703	31.496	33.975	5.5316	1.17193	0.00017	45.0843	250.000
3.2478	11692	45.0843	26.418	37.00	41.250	2420.315	59.109	-5.206	31.454	5.121	6.703	31.496	33.975	5.5316	1.17182	0.00017	45.0845	250.000
3.2481	11693	45.0845	26.418	37.00	41.250	2420.517	59.114	-5.206	31.454	5.121	6.703	31.496	33.975	5.5316	1.17172	0.00017	45.0847	250.000
3.2483	11694	45.0847	26.418	37.00	41.250	2420.719	59.119	-5.206	31.455	5.121	6.703	31.496	33.975	5.5316	1.17161	0.00017	45.0848	250.000
3.2486	11695	45.0848	26.418	37.00	41.250	2420.921	59.124	-5.206	31.455	5.121	6.703	31.496	33.975	5.5316	1.17151	0.00017	45.0850	250.000
3.2489	11696	45.0850	26.418	37.00	41.250	2421.123	59.129	-5.206	31.456	5.121	6.703	31.496	33.975	5.5316	1.17140	0.00017	45.0852	250.000
3.2492	11697	45.0852	26.419	37.00	41.250	2421.325	59.134	-5.206	31.457	5.122	6.703	31.496	33.975	5.5316	1.17129	0.00017	45.0853	250.000
3.2494	11698	45.0853	26.419	37.00	41.250	2421.527	59.139	-5.206	31.457	5.122	6.703	31.496	33.975	5.5316	1.17119	0.00017	45.0855	250.000
3.2497	11699	45.0855	26.419	37.00	41.250	2421.729	59.143	-5.206	31.458	5.122	6.703	31.496	33.975	5.5316	1.17108	0.00017	45.0857	250.000
3.2500	11700	45.0857	26.419	37.00	41.250	2421.931	59.148	-5.206	31.459	5.122	6.703	31.496	33.975	5.5316	1.17098	0.00017	45.0858	250.000
3.2503	11701	45.0858	26.419	37.00	41.250	2422.133	59.153	-5.206	31.459	5.122	6.702	31.496	33.975	5.5316	1.17087	0.00017	45.0860	250.000
3.2506	11702	45.0860	26.419	37.00	41.250	2422.335	59.158	-5.206	31.460	5.122	6.702	31.496	33.975	5.5316	1.17076	0.00017	45.0862	250.000
3.2508	11703	45.0862	26.420	37.00	41.250	2422.537	59.163	-5.206	31.461	5.122	6.702	31.496	33.975	5.5316	1.17066	0.00017	45.0863	250.000
3.2511	11704	45.0863	26.420	37.00	41.250	2422.739	59.168	-5.206	31.461	5.122	6.702	31.496	33.975	5.5316	1.17055	0.00017	45.0865	250.000
3.2514	11705	45.0865	26.420	37.00	41.250	2422.941	59.173	-5.206	31.462	5.122	6.702	31.496	33.975	5.5316	1.17045	0.00017	45.0867	250.000
3.2517	11706	45.0867	26.420	37.00	41.250	2423.143	59.178	-5.206	31.463	5.123	6.702	31.496	33.975	5.5316	1.17034	0.00017	45.0868	250.000
3.2519	11707	45.0868	26.420	37.00	41.250	2423.345	59.183	-5.206	31.463	5.123	6.702	31.496	33.975	5.5316	1.17023	0.00017	45.0870	250.000
3.2522	11708	45.0870	26.420	37.00	41.250	2423.547	59.188	-5.206	31.464	5.123	6.702	31.496	33.975	5.5316	1.17013	0.00017	45.0872	250.000
3.2525	11709	45.0872	26.421	37.00	41.250	2423.749	59.193	-5.206	31.465	5.123	6.702	31.496	33.975	5.5316	1.17002	0.00017	45.0873	250.000
3.2528	11710	45.0873	26.421	37.00	41.250	2423.951	59.198	-5.206	31.465	5.123	6.701	31.496	33.975	5.5316	1.16992	0.00017	45.0875	250.000

3.2531	11711	45.0875	26.421	37.00	41.250	2424.153	59.203	-5.206	31.466	5.123	6.701	31.496	33.975	5.5316	1.16981	0.00017	45.0877	250.000
3.2533	11712	45.0877	26.421	37.00	41.250	2424.355	59.208	-5.206	31.467	5.123	6.701	31.496	33.975	5.5316	1.16971	0.00017	45.0878	250.000
3.2536	11713	45.0878	26.421	37.00	41.250	2424.557	59.213	-5.206	31.467	5.123	6.701	31.496	33.975	5.5316	1.16960	0.00017	45.0880	250.000
3.2539	11714	45.0880	26.421	37.00	41.250	2424.759	59.217	-5.206	31.468	5.123	6.701	31.496	33.975	5.5316	1.16949	0.00017	45.0882	250.000
3.2542	11715	45.0882	26.422	37.00	41.250	2424.961	59.222	-5.206	31.468	5.123	6.701	31.496	33.975	5.5316	1.16939	0.00017	45.0884	250.000
3.2544	11716	45.0884	26.422	37.00	41.250	2425.163	59.227	-5.206	31.469	5.124	6.701	31.496	33.975	5.5316	1.16928	0.00017	45.0885	250.000
3.2547	11717	45.0885	26.422	37.00	41.250	2425.365	59.232	-5.206	31.470	5.124	6.701	31.496	33.975	5.5316	1.16918	0.00017	45.0887	250.000
3.2550	11718	45.0887	26.422	37.00	41.250	2425.567	59.237	-5.206	31.470	5.124	6.701	31.496	33.975	5.5316	1.16907	0.00017	45.0889	250.000
3.2553	11719	45.0889	26.422	37.00	41.250	2425.769	59.242	-5.206	31.471	5.124	6.701	31.496	33.975	5.5316	1.16896	0.00017	45.0890	250.000
3.2556	11720	45.0890	26.422	37.00	41.250	2425.971	59.247	-5.206	31.472	5.124	6.700	31.496	33.975	5.5316	1.16886	0.00017	45.0892	250.000
3.2558	11721	45.0892	26.423	37.00	41.250	2426.173	59.252	-5.206	31.472	5.124	6.700	31.496	33.975	5.5316	1.16875	0.00017	45.0894	250.000
3.2561	11722	45.0894	26.423	37.00	41.250	2426.375	59.257	-5.206	31.473	5.124	6.700	31.496	33.975	5.5316	1.16865	0.00017	45.0895	250.000
3.2564	11723	45.0895	26.423	37.00	41.250	2426.577	59.262	-5.206	31.474	5.124	6.700	31.496	33.975	5.5316	1.16854	0.00017	45.0897	250.000
3.2567	11724	45.0897	26.423	37.00	41.250	2426.779	59.267	-5.206	31.474	5.124	6.700	31.496	33.975	5.5316	1.16844	0.00017	45.0899	250.000
3.2569	11725	45.0899	26.423	37.00	41.250	2426.981	59.272	-5.206	31.475	5.125	6.700	31.496	33.975	5.5316	1.16833	0.00017	45.0900	250.000
3.2572	11726	45.0900	26.423	37.00	41.250	2427.184	59.277	-5.206	31.476	5.125	6.700	31.496	33.975	5.5316	1.16822	0.00017	45.0902	250.000
3.2575	11727	45.0902	26.424	37.00	41.250	2427.386	59.282	-5.206	31.476	5.125	6.700	31.496	33.975	5.5316	1.16812	0.00017	45.0904	250.000
3.2578	11728	45.0904	26.424	37.00	41.250	2427.588	59.287	-5.206	31.477	5.125	6.700	31.496	33.975	5.5316	1.16801	0.00017	45.0905	250.000
3.2581	11729	45.0905	26.424	37.00	41.250	2427.790	59.291	-5.206	31.478	5.125	6.699	31.496	33.975	5.5316	1.16791	0.00017	45.0907	250.000
3.2583	11730	45.0907	26.424	37.00	41.250	2427.992	59.296	-5.206	31.478	5.125	6.699	31.496	33.975	5.5316	1.16780	0.00017	45.0909	250.000
3.2586	11731	45.0909	26.424	37.00	41.250	2428.194	59.301	-5.206	31.479	5.125	6.699	31.496	33.975	5.5316	1.16770	0.00017	45.0910	250.000
3.2589	11732	45.0910	26.424	37.00	41.250	2428.396	59.306	-5.206	31.480	5.125	6.699	31.496	33.975	5.5316	1.16759	0.00017	45.0912	250.000
3.2592	11733	45.0912	26.425	37.00	41.250	2428.598	59.311	-5.206	31.480	5.125	6.699	31.496	33.975	5.5316	1.16748	0.00017	45.0914	250.000
3.2594	11734	45.0914	26.425	37.00	41.250	2428.800	59.316	-5.206	31.481	5.125	6.699	31.496	33.975	5.5316	1.16738	0.00017	45.0915	250.000
3.2597	11735	45.0915	26.425	37.00	41.250	2429.002	59.321	-5.206	31.481	5.126	6.699	31.496	33.975	5.5316	1.16727	0.00017	45.0917	250.000
3.2600	11736	45.0917	26.425	37.00	41.250	2429.204	59.326	-5.206	31.482	5.126	6.699	31.496	33.975	5.5316	1.16717	0.00017	45.0919	250.000
3.2603	11737	45.0919	26.425	37.00	41.250	2429.406	59.331	-5.206	31.483	5.126	6.699	31.496	33.975	5.5316	1.16706	0.00017	45.0920	250.000
3.2606	11738	45.0920	26.425	37.00	41.250	2429.608	59.336	-5.206	31.483	5.126	6.699	31.496	33.975	5.5316	1.16696	0.00017	45.0922	250.000
3.2608	11739	45.0922	26.426	37.00	41.250	2429.810	59.341	-5.206	31.484	5.126	6.698	31.496	33.975	5.5316	1.16685	0.00017	45.0924	250.000
3.2611	11740	45.0924	26.426	37.00	41.250	2430.012	59.346	-5.206	31.485	5.126	6.698	31.496	33.975	5.5316	1.16675	0.00017	45.0925	250.000
3.2614	11741	45.0925	26.426	37.00	41.250	2430.214	59.351	-5.206	31.485	5.126	6.698	31.496	33.975	5.5316	1.16664	0.00017	45.0927	250.000
3.2617	11742	45.0927	26.426	37.00	41.250	2430.416	59.356	-5.206	31.486	5.126	6.698	31.496	33.975	5.5316	1.16653	0.00017	45.0929	250.000
3.2619	11743	45.0929	26.426	37.00	41.250	2430.618	59.361	-5.206	31.487	5.126	6.698	31.496	33.975	5.5316	1.16643	0.00017	45.0930	250.000
3.2622	11744	45.0930	26.426	37.00	41.250	2430.820	59.366	-5.206	31.487	5.127	6.698	31.496	33.975	5.5316	1.16632	0.00017	45.0932	250.000
3.2625	11745	45.0932	26.427	37.00	41.250	2431.022	59.370	-5.206	31.488	5.127	6.698	31.496	33.975	5.5316	1.16622	0.00017	45.0934	250.000
3.2628	11746	45.0934	26.427	37.00	41.250	2431.224	59.375	-5.206	31.489	5.127	6.698	31.496	33.975	5.5316	1.16611	0.00017	45.0935	250.000
3.2631	11747	45.0935	26.427	37.00	41.250	2431.426	59.380	-5.206	31.489	5.127	6.698	31.496	33.975	5.5316	1.16601	0.00017	45.0937	250.000
3.2633	11748	45.0937	26.427	37.00	41.250	2431.628	59.385	-5.206	31.490	5.127	6.697	31.496	33.975	5.5316	1.16590	0.00017	45.0939	250.000
3.2636	11749	45.0939	26.427	37.00	41.250	2431.830	59.390	-5.206	31.491	5.127	6.697	31.496	33.975	5.5316	1.16580	0.00017	45.0940	250.000
3.2639	11750	45.0940	26.427	37.00	41.250	2432.032	59.395	-5.206	31.491	5.127	6.697	31.496	33.975	5.5316	1.16569	0.00017	45.0942	250.000
3.2642	11751	45.0942	26.428	37.00	41.250	2432.234	59.400	-5.206	31.492	5.127	6.697	31.496	33.975	5.5316	1.16558	0.00017	45.0944	250.000
3.2644	11752	45.0944	26.428	37.00	41.250	2432.436	59.405	-5.206	31.492	5.127	6.697	31.496	33.975	5.5316	1.16548	0.00017	45.0945	250.000
3.2647	11753	45.0945	26.428	37.00	41.250	2432.638	59.410	-5.206	31.493	5.128	6.697	31.496	33.975	5.5316	1.16537	0.00017	45.0947	250.000
3.2650	11754	45.0947	26.428	37.00	41.250	2432.840	59.415	-5.206	31.494	5.128	6.697	31.496	33.975	5.5316	1.16527	0.00017	45.0949	250.000
3.2653	11755	45.0949	26.428	37.00	41.250	2433.042	59.420	-5.206	31.494	5.128	6.697	31.496	33.975	5.5316	1.16516	0.00017	45.0950	250.000
3.2656	11756	45.0950	26.428	37.00	41.250	2433.244	59.425	-5.206	31.495	5.128	6.697	31.496	33.975	5.5316	1.16506	0.00017	45.0952	250.000
3.2658	11757	45.0952	26.429	37.00	41.250	2433.446	59.430	-5.206	31.496	5.128	6.697	31.496	33.975	5.5316	1.16495	0.00017	45.0954	250.000
3.2661	11758	45.0954	26.429	37.00	41.250	2433.648	59.435	-5.206	31.496	5.128	6.696	31.496	33.975	5.5316	1.16485	0.00017	45.0955	250.000
3.2664	11759	45.0955	26.429	37.00	41.250	2433.851	59.440	-5.206	31.497	5.128	6.696	31.496	33.975	5.5316	1.16474	0.00017	45.0957	250.000
3.2667	11760	45.0957	26.429	37.00	41.250	2434.053	59.444	-5.206	31.498	5.128	6.696	31.496	33.975	5.5316	1.16464	0.00017	45.0959	250.000
3.2669	11761	45.0959	26.429	37.00	41.250	2434.255	59.449	-5.206	31.498	5.128	6.696	31.496	33.975	5.5316	1.16453	0.00017	45.0960	250.000
3.2672	11762	45.0960	26.429	37.00	41.250	2434.457	59.454	-5.206	31.499	5.128	6.696	31.496	33.975	5.5316	1.16442	0.00017	45.0962	250.000
3.2675	11763	45.0962	26.430	37.00	41.250	2434.659	59.459	-5.206	31.500	5.129	6.696	31.496	33.975	5.5316	1.16432	0.00017	45.0964	250.000
3.2678	11764	45.0964	26.430	37.00	41.250	2434.861	59.464	-5.206	31.500	5.129	6.696	31.496	33.975	5.5316	1.16421	0.00017	45.0965	250.000
3.2681	11765	45.0965	26.430	37.00	41.250	2435.063	59.469	-5.206	31.501	5.129	6.696	31.496	33.975	5.5316	1.16411	0.00017	45.0967	250.000
3.2683	11766	45.0967	26.430	37.00	41.250	2435.265	59.474	-5.206	31.502	5.129	6.696	31.496	33.975	5.5316	1.16400	0.00017	45.0969	250.000
3.2686	11767	45.0969	26.430	37.00	41.250	2435.467	59.479	-5.206	31.502	5.129	6.695	31.496	33.975	5.5316	1.16390	0.00017	45.0970	250.000
3.2689	11768	45.0970	26.430	37.00	41.250	2435.669	59.484	-5.206	31.503	5.129	6.695	31.496	33.975	5.5316	1.16379	0.00017	45.0972	250.000
3.2692	11769	45.0972	26.431	37.00	41.250	2435.871	59.489	-5.206	31.503	5.129	6.695	31.496	33.975	5.5316	1.16369	0.00017	45.0973	250.000
3.2694	11770	45.0973	26.431	37.00	41.250	2436.073	59.494	-5.206	31.504	5.129	6.695	31.496	33.975	5.5316	1.16358	0.00017	45.0975	250.000
3.2697	11771	45.0975	26.431	37.00	41.250	2436.275	59.499	-5.206	31.505	5.129	6.695	31.496	33.975	5.5316	1.16348	0.00017	45.0977	250.000
3.2700	11772	45.0977	26.431	37.00	41.250	2436.477	59.504	-5.206	31.505	5.130	6.695	31.496	33.975	5.5316	1.16337	0.00017	45.0978	250.000
3.2703	11773	45.0978	26.431	37.00	41.250	2436.679	59.509	-5.206	31.506	5.130	6.695	31.496	33.975	5.5316	1.16327	0.00017	45.0980	250.000
3.2706	11774	45.0980	26.431	37.00	41.250	2436.881	59.514	-5.206	31.507	5.130	6.695	31.496	33.975	5.5316	1.16316	0.00017	45.0982	250.000
3.2708	11775	45.0982	26.432	37.00	41.250	2437.083	59.518	-5.206	31.507	5.130	6.695	31.496	33.975	5.5316	1.16306	0.00017	45.0983	250.000
3.2711	11776	45.0983	26.432	37.00	41.250	2437.285	59.523	-5.206	31.508	5.130	6.695	31.496	33.975	5.5316	1.16295	0.00017	45.0985	250.000
3.2714	11777	45.0985	26.432	37.00	41.250	2437.487	59.528	-5.206	31.509	5.130	6.694	31.496	33.975	5.5316	1.16284	0.00017	45.0987	250.000
3.2717	11778	45.0987	26.432	37.00	41.250	2437.689	59.533	-5.206	31.509	5.130	6.694	31.496	33.975	5.5316	1.16274	0.00017	45.0988	250.000
3.2719	11779	45.0988	26.432	37.00	41.250	2437.891	59.538	-5.206	31.510	5.130	6.694	31.496	33.975	5.5316	1.16263	0.00017	45.0990	250.000
3.2722	11780	45.0990	26.432	37.00	41.250	2438.093	59.543	-5.206	31.511	5.130	6.694	31.496	33.975	5.5316	1.16253	0.00017	45.0992	250.000
3.2725	11781	45.0992	26.433	37.00	41.250	2438.295	59.548	-5.206	31.511	5.130	6.694	31.496	33.975	5.5316	1.16242	0.00017	45.0993	250.000
3.2728	11782	45.0993	26.433	37.00	41.250	2438.497	59.553	-5.206	31.512	5.131	6.694	31.496	33.975	5.5316	1.16232	0.00017	45.0995	250.000
3.2731	11783	45.0995	26.433	37.00	41.250	2438.699	59.558	-5.206	31.513	5.131	6.694	31.496	33.975	5.5316	1.16221	0.00017	45.0997	250.000
3.2733	11784	45.0997	26.433	37.00	41.250	2438.901	59.563	-5.206	31.513	5.131	6.694	31.496	33.975	5.5316	1.16211	0.00017	45.0998	250.000
3.2736	11785	45.0998	26.433	37.00	41.250	2439.103	59.568	-5.206	31.514	5.131	6.694	31.496	33.975	5.5316	1.16200	0.00017	45.1000	250.000
3.2739	11786	45.1000	26.433	37.00	41.250	2439.305	59.573	-5.206	31.514	5.131	6.693	31.496	33.975	5.5316	1.16190	0.00017	45.1002	250.000
3.2742	11787	45.1002	26.434	37.00	41.250	2439.507	59.578	-5.206	31.515	5.131	6.693	31.496	33.975	5.5316	1.16179	0.00017	45.1003	250.000
3.2744	11788	45.1003	26.434	37.00	41.250	2439.709	59.583	-5.206	31.516	5.131	6.693	31.496	33.975	5.5316	1.16169	0.00017	45.1005	250.000
3.2747	11789	45.1005	26.434	37.00	41.250	2439.911	59.588	-5.206	31.516	5.131	6.693	31.496	33.975	5.5316	1.16158	0.00017	45.1007	250.000
3.2750	11790	45.1007	26.434	37.00	41.250	2440.113	59.592	-5.206	31.517	5.131	6.693	31.496	33.975	5.5316	1.16148	0.00017	45.1008	250.000
3.2753	11791	45.1008	26.434	37.00	41.250	2440.315	59.597	-5.206	31.518	5.132	6.693	31.496	33.975	5.5316	1.16137	0.00017	45.1010	250.000

3.2756	11792	45.1010	26.434	37.00	41.250	2440.517	59.602	-5.206	31.518	5.132	6.693	31.496	33.975	5.5316	1.16127	0.00017	45.1012	250.000
3.2758	11793	45.1012	26.435	37.00	41.250	2440.720	59.607	-5.206	31.519	5.132	6.693	31.496	33.975	5.5316	1.16116	0.00017	45.1013	250.000
3.2761	11794	45.1013	26.435	37.00	41.250	2440.922	59.612	-5.206	31.520	5.132	6.693	31.496	33.975	5.5316	1.16106	0.00017	45.1015	250.000
3.2764	11795	45.1015	26.435	37.00	41.250	2441.124	59.617	-5.206	31.520	5.132	6.693	31.496	33.975	5.5316	1.16095	0.00017	45.1017	250.000
3.2767	11796	45.1017	26.435	37.00	41.250	2441.326	59.622	-5.206	31.521	5.132	6.692	31.496	33.975	5.5316	1.16085	0.00017	45.1018	250.000
3.2769	11797	45.1018	26.435	37.00	41.250	2441.528	59.627	-5.206	31.522	5.132	6.692	31.496	33.975	5.5316	1.16074	0.00017	45.1020	250.000
3.2772	11798	45.1020	26.435	37.00	41.250	2441.730	59.632	-5.206	31.522	5.132	6.692	31.496	33.975	5.5316	1.16064	0.00017	45.1022	250.000
3.2775	11799	45.1022	26.436	37.00	41.250	2441.932	59.637	-5.206	31.523	5.132	6.692	31.496	33.975	5.5316	1.16053	0.00017	45.1023	250.000
3.2778	11800	45.1023	26.436	37.00	41.250	2442.134	59.642	-5.206	31.524	5.132	6.692	31.496	33.975	5.5316	1.16043	0.00017	45.1025	250.000
3.2781	11801	45.1025	26.436	37.00	41.250	2442.336	59.647	-5.206	31.524	5.133	6.692	31.496	33.975	5.5316	1.16032	0.00017	45.1027	250.000
3.2783	11802	45.1027	26.436	37.00	41.250	2442.538	59.652	-5.206	31.525	5.133	6.692	31.496	33.975	5.5316	1.16022	0.00017	45.1028	250.000
3.2786	11803	45.1028	26.436	37.00	41.250	2442.740	59.657	-5.206	31.525	5.133	6.692	31.496	33.975	5.5316	1.16011	0.00017	45.1030	250.000
3.2789	11804	45.1030	26.436	37.00	41.250	2442.942	59.662	-5.206	31.526	5.133	6.692	31.496	33.975	5.5316	1.16001	0.00017	45.1032	250.000
3.2792	11805	45.1032	26.437	37.00	41.250	2443.144	59.666	-5.206	31.527	5.133	6.691	31.496	33.975	5.5316	1.15990	0.00017	45.1033	250.000
3.2794	11806	45.1033	26.437	37.00	41.250	2443.346	59.671	-5.206	31.527	5.133	6.691	31.496	33.975	5.5316	1.15980	0.00017	45.1035	250.000
3.2797	11807	45.1035	26.437	37.00	41.250	2443.548	59.676	-5.206	31.528	5.133	6.691	31.496	33.975	5.5316	1.15969	0.00017	45.1037	250.000
3.2800	11808	45.1037	26.437	37.00	41.250	2443.750	59.681	-5.206	31.529	5.133	6.691	31.496	33.975	5.5316	1.15959	0.00017	45.1038	250.000
3.2803	11809	45.1038	26.437	37.00	41.250	2443.952	59.686	-5.206	31.529	5.133	6.691	31.496	33.975	5.5316	1.15948	0.00017	45.1040	250.000
3.2806	11810	45.1040	26.437	37.00	41.250	2444.154	59.691	-5.206	31.530	5.133	6.691	31.496	33.975	5.5316	1.15938	0.00017	45.1042	250.000
3.2808	11811	45.1042	26.438	37.00	41.250	2444.356	59.696	-5.206	31.531	5.134	6.691	31.496	33.975	5.5316	1.15927	0.00017	45.1043	250.000
3.2811	11812	45.1043	26.438	37.00	41.250	2444.558	59.701	-5.206	31.531	5.134	6.691	31.496	33.975	5.5316	1.15917	0.00017	45.1045	250.000
3.2814	11813	45.1045	26.438	37.00	41.250	2444.760	59.706	-5.206	31.532	5.134	6.691	31.496	33.975	5.5316	1.15906	0.00017	45.1046	250.000
3.2817	11814	45.1046	26.438	37.00	41.250	2444.962	59.711	-5.206	31.533	5.134	6.691	31.496	33.975	5.5316	1.15896	0.00017	45.1048	250.000
3.2819	11815	45.1048	26.438	37.00	41.250	2445.164	59.716	-5.206	31.533	5.134	6.690	31.496	33.975	5.5316	1.15885	0.00017	45.1050	250.000
3.2822	11816	45.1050	26.438	37.00	41.250	2445.366	59.721	-5.206	31.534	5.134	6.690	31.496	33.975	5.5316	1.15875	0.00017	45.1051	250.000
3.2825	11817	45.1051	26.439	37.00	41.250	2445.568	59.726	-5.206	31.534	5.134	6.690	31.496	33.975	5.5316	1.15864	0.00017	45.1053	250.000
3.2828	11818	45.1053	26.439	37.00	41.250	2445.770	59.731	-5.206	31.535	5.134	6.690	31.496	33.975	5.5316	1.15854	0.00017	45.1055	250.000
3.2831	11819	45.1055	26.439	37.00	41.250	2445.972	59.736	-5.206	31.536	5.134	6.690	31.496	33.975	5.5316	1.15843	0.00017	45.1056	250.000
3.2833	11820	45.1056	26.439	37.00	41.250	2446.174	59.740	-5.206	31.536	5.135	6.690	31.496	33.975	5.5316	1.15833	0.00017	45.1058	250.000
3.2836	11821	45.1058	26.439	37.00	41.250	2446.376	59.745	-5.206	31.537	5.135	6.690	31.496	33.975	5.5316	1.15822	0.00017	45.1060	250.000
3.2839	11822	45.1060	26.439	37.00	41.250	2446.578	59.750	-5.206	31.538	5.135	6.690	31.496	33.975	5.5316	1.15812	0.00017	45.1061	250.000
3.2842	11823	45.1061	26.440	37.00	41.250	2446.780	59.755	-5.206	31.538	5.135	6.690	31.496	33.975	5.5316	1.15801	0.00017	45.1063	250.000
3.2844	11824	45.1063	26.440	37.00	41.250	2446.982	59.760	-5.206	31.539	5.135	6.689	31.496	33.975	5.5316	1.15791	0.00017	45.1065	250.000
3.2847	11825	45.1065	26.440	37.00	41.250	2447.184	59.765	-5.206	31.540	5.135	6.689	31.496	33.975	5.5316	1.15780	0.00017	45.1066	250.000
3.2850	11826	45.1066	26.440	37.00	41.250	2447.387	59.770	-5.206	31.540	5.135	6.689	31.496	33.975	5.5316	1.15770	0.00017	45.1068	250.000
3.2853	11827	45.1068	26.440	37.00	41.250	2447.589	59.775	-5.206	31.541	5.135	6.689	31.496	33.975	5.5316	1.15759	0.00017	45.1070	250.000
3.2856	11828	45.1070	26.440	37.00	41.250	2447.791	59.780	-5.206	31.542	5.135	6.689	31.496	33.975	5.5316	1.15749	0.00017	45.1071	250.000
3.2858	11829	45.1071	26.441	37.00	41.250	2447.993	59.785	-5.206	31.542	5.135	6.689	31.496	33.975	5.5316	1.15739	0.00017	45.1073	250.000
3.2861	11830	45.1073	26.441	37.00	41.250	2448.195	59.790	-5.206	31.543	5.136	6.689	31.496	33.975	5.5316	1.15728	0.00017	45.1075	250.000
3.2864	11831	45.1075	26.441	37.00	41.250	2448.397	59.795	-5.206	31.543	5.136	6.689	31.496	33.975	5.5316	1.15718	0.00017	45.1076	250.000
3.2867	11832	45.1076	26.441	37.00	41.250	2448.599	59.800	-5.206	31.544	5.136	6.689	31.496	33.975	5.5316	1.15707	0.00017	45.1078	250.000
3.2869	11833	45.1078	26.441	37.00	41.250	2448.801	59.805	-5.206	31.545	5.136	6.689	31.496	33.975	5.5316	1.15697	0.00017	45.1080	250.000
3.2872	11834	45.1080	26.441	37.00	41.250	2449.003	59.810	-5.206	31.545	5.136	6.688	31.496	33.975	5.5316	1.15686	0.00017	45.1081	250.000
3.2875	11835	45.1081	26.442	37.00	41.250	2449.205	59.814	-5.206	31.546	5.136	6.688	31.496	33.975	5.5316	1.15676	0.00017	45.1083	250.000
3.2878	11836	45.1083	26.442	37.00	41.250	2449.407	59.819	-5.206	31.547	5.136	6.688	31.496	33.975	5.5316	1.15665	0.00017	45.1085	250.000
3.2881	11837	45.1085	26.442	37.00	41.250	2449.609	59.824	-5.206	31.547	5.136	6.688	31.496	33.975	5.5316	1.15655	0.00017	45.1086	250.000
3.2883	11838	45.1086	26.442	37.00	41.250	2449.811	59.829	-5.206	31.548	5.136	6.688	31.496	33.975	5.5316	1.15644	0.00017	45.1088	250.000
3.2886	11839	45.1088	26.442	37.00	41.250	2450.013	59.834	-5.206	31.549	5.137	6.688	31.496	33.975	5.5316	1.15634	0.00017	45.1089	250.000
3.2889	11840	45.1089	26.442	37.00	41.250	2450.215	59.839	-5.206	31.549	5.137	6.688	31.496	33.975	5.5316	1.15623	0.00017	45.1091	250.000
3.2892	11841	45.1091	26.443	37.00	41.250	2450.417	59.844	-5.206	31.550	5.137	6.688	31.496	33.975	5.5316	1.15613	0.00017	45.1093	250.000
3.2894	11842	45.1093	26.443	37.00	41.250	2450.619	59.849	-5.206	31.551	5.137	6.688	31.496	33.975	5.5316	1.15602	0.00017	45.1094	250.000
3.2897	11843	45.1094	26.443	37.00	41.250	2450.821	59.854	-5.206	31.551	5.137	6.687	31.496	33.975	5.5316	1.15592	0.00017	45.1096	250.000
3.2900	11844	45.1096	26.443	37.00	41.250	2451.023	59.859	-5.206	31.552	5.137	6.687	31.496	33.975	5.5316	1.15582	0.00017	45.1098	250.000
3.2903	11845	45.1098	26.443	37.00	41.250	2451.225	59.864	-5.206	31.552	5.137	6.687	31.496	33.975	5.5316	1.15571	0.00017	45.1099	250.000
3.2906	11846	45.1099	26.443	37.00	41.250	2451.427	59.869	-5.206	31.553	5.137	6.687	31.496	33.975	5.5316	1.15561	0.00017	45.1101	250.000
3.2908	11847	45.1101	26.443	37.00	41.250	2451.629	59.874	-5.206	31.554	5.137	6.687	31.496	33.975	5.5316	1.15550	0.00017	45.1103	250.000
3.2911	11848	45.1103	26.444	37.00	41.250	2451.831	59.879	-5.206	31.554	5.137	6.687	31.496	33.975	5.5316	1.15540	0.00017	45.1104	250.000
3.2914	11849	45.1104	26.444	37.00	41.250	2452.033	59.884	-5.206	31.555	5.138	6.687	31.496	33.975	5.5316	1.15529	0.00017	45.1106	250.000
3.2917	11850	45.1106	26.444	37.00	41.250	2452.235	59.889	-5.206	31.556	5.138	6.687	31.496	33.975	5.5316	1.15519	0.00017	45.1108	250.000
3.2919	11851	45.1108	26.444	37.00	41.250	2452.437	59.893	-5.206	31.556	5.138	6.687	31.496	33.975	5.5316	1.15508	0.00017	45.1109	250.000
3.2922	11852	45.1109	26.444	37.00	41.250	2452.639	59.898	-5.206	31.557	5.138	6.687	31.496	33.975	5.5316	1.15498	0.00016	45.1111	250.000
3.2925	11853	45.1111	26.444	37.00	41.250	2452.841	59.903	-5.206	31.558	5.138	6.686	31.496	33.975	5.5316	1.15487	0.00016	45.1113	250.000
3.2928	11854	45.1113	26.445	37.00	41.250	2453.043	59.908	-5.206	31.558	5.138	6.686	31.496	33.975	5.5316	1.15477	0.00016	45.1114	250.000
3.2931	11855	45.1114	26.445	37.00	41.250	2453.245	59.913	-5.206	31.559	5.138	6.686	31.496	33.975	5.5316	1.15467	0.00016	45.1116	250.000
3.2933	11856	45.1116	26.445	37.00	41.250	2453.447	59.918	-5.206	31.560	5.138	6.686	31.496	33.975	5.5316	1.15456	0.00016	45.1118	250.000
3.2936	11857	45.1118	26.445	37.00	41.250	2453.649	59.923	-5.206	31.560	5.138	6.686	31.496	33.975	5.5316	1.15446	0.00016	45.1119	250.000
3.2939	11858	45.1119	26.445	37.00	41.250	2453.851	59.928	-5.206	31.561	5.139	6.686	31.496	33.975	5.5316	1.15435	0.00016	45.1121	250.000
3.2942	11859	45.1121	26.445	37.00	41.250	2454.054	59.933	-5.206	31.561	5.139	6.686	31.496	33.975	5.5316	1.15425	0.00016	45.1122	250.000
3.2944	11860	45.1122	26.446	37.00	41.250	2454.256	59.938	-5.206	31.562	5.139	6.686	31.496	33.975	5.5316	1.15414	0.00016	45.1124	250.000
3.2947	11861	45.1124	26.446	37.00	41.250	2454.458	59.943	-5.206	31.563	5.139	6.686	31.496	33.975	5.5316	1.15404	0.00016	45.1126	250.000
3.2950	11862	45.1126	26.446	37.00	41.250	2454.660	59.948	-5.206	31.563	5.139	6.685	31.496	33.975	5.5316	1.15393	0.00016	45.1127	250.000
3.2953	11863	45.1127	26.446	37.00	41.250	2454.862	59.953	-5.206	31.564	5.139	6.685	31.496	33.975	5.5316	1.15383	0.00016	45.1129	250.000
3.2956	11864	45.1129	26.446	37.00	41.250	2455.064	59.958	-5.206	31.565	5.139	6.685	31.496	33.975	5.5316	1.15373	0.00016	45.1131	250.000
3.2958	11865	45.1131	26.446	37.00	41.250	2455.266	59.963	-5.206	31.565	5.139	6.685	31.496	33.975	5.5316	1.15362	0.00016	45.1132	250.000
3.2961	11866	45.1132	26.447	37.00	41.250	2455.468	59.967	-5.206	31.566	5.139	6.685	31.496	33.975	5.5316	1.15352	0.00016	45.1134	250.000
3.2964	11867	45.1134	26.447	37.00	41.250	2455.670	59.972	-5.206	31.567	5.139	6.685	31.496	33.975	5.5316	1.15341	0.00016	45.1136	250.000
3.2967	11868	45.1136	26.447	37.00	41.250	2455.872	59.977	-5.206	31.567	5.140	6.685	31.496	33.975	5.5316	1.15331	0.00016	45.1137	250.000
3.2969	11869	45.1137	26.447	37.00	41.250	2456.074	59.982	-5.206	31.568	5.140	6.685	31.496	33.975	5.5316	1.15320	0.00016	45.1139	250.000
3.2972	11870	45.1139	26.447	37.00	41.250	2456.276	59.987	-5.206	31.569	5.140	6.685	31.496	33.975	5.5316	1.15310	0.00016	45.1141	250.000
3.2975	11871	45.1141	26.447	37.00	41.250	2456.478	59.992	-5.206	31.569	5.140	6.685	31.496	33.975	5.5316	1.15299	0.00016	45.1142	250.000
3.2978	11872	45.1142	26.448	37.00	41.250	2456.680	59.997	-5.206	31.570	5.140	6.684	31.496	33.975	5.5316	1.15289	0.00016	45.1144	250.000

3.2981	11873	45.1144	26.448	37.00	41.250	2456.882	60.002	-5.206	31.570	5.140	6.684	31.496	33.975	5.5316	1.15279	0.00016	45.1146	250.000
3.2983	11874	45.1146	26.448	37.00	41.250	2457.084	60.007	-5.206	31.571	5.140	6.684	31.496	33.975	5.5316	1.15268	0.00016	45.1147	250.000
3.2986	11875	45.1147	26.448	37.00	41.250	2457.286	60.012	-5.206	31.572	5.140	6.684	31.496	33.975	5.5316	1.15258	0.00016	45.1149	250.000
3.2989	11876	45.1149	26.448	37.00	41.250	2457.488	60.017	-5.206	31.572	5.140	6.684	31.496	33.975	5.5316	1.15247	0.00016	45.1151	250.000
3.2992	11877	45.1151	26.448	37.00	41.250	2457.690	60.022	-5.206	31.573	5.141	6.684	31.496	33.975	5.5316	1.15237	0.00016	45.1152	250.000
3.2994	11878	45.1152	26.449	37.00	41.250	2457.892	60.027	-5.206	31.574	5.141	6.684	31.496	33.975	5.5316	1.15226	0.00016	45.1154	250.000
3.2997	11879	45.1154	26.449	37.00	41.250	2458.094	60.032	-5.206	31.574	5.141	6.684	31.496	33.975	5.5316	1.15216	0.00016	45.1155	250.000
3.3000	11880	45.1155	26.449	37.00	41.250	2458.296	60.037	-5.206	31.575	5.141	6.684	31.496	33.975	5.5316	1.15206	0.00016	45.1157	250.000
3.3003	11881	45.1157	26.449	37.00	41.250	2458.498	60.041	-5.206	31.576	5.141	6.684	31.496	33.975	5.5316	1.15195	0.00016	45.1159	250.000
3.3006	11882	45.1159	26.449	37.00	41.250	2458.700	60.046	-5.206	31.576	5.141	6.683	31.496	33.975	5.5316	1.15185	0.00016	45.1160	250.000
3.3008	11883	45.1160	26.449	37.00	41.250	2458.902	60.051	-5.206	31.577	5.141	6.683	31.496	33.975	5.5316	1.15174	0.00016	45.1162	250.000
3.3011	11884	45.1162	26.450	37.00	41.250	2459.104	60.056	-5.206	31.577	5.141	6.683	31.496	33.975	5.5316	1.15164	0.00016	45.1164	250.000
3.3014	11885	45.1164	26.450	37.00	41.250	2459.306	60.061	-5.206	31.578	5.141	6.683	31.496	33.975	5.5316	1.15153	0.00016	45.1165	250.000
3.3017	11886	45.1165	26.450	37.00	41.250	2459.508	60.066	-5.206	31.579	5.141	6.683	31.496	33.975	5.5316	1.15143	0.00016	45.1167	250.000
3.3019	11887	45.1167	26.450	37.00	41.250	2459.710	60.071	-5.206	31.579	5.142	6.683	31.496	33.975	5.5316	1.15133	0.00016	45.1169	250.000
3.3022	11888	45.1169	26.450	37.00	41.250	2459.912	60.076	-5.206	31.580	5.142	6.683	31.496	33.975	5.5316	1.15122	0.00016	45.1170	250.000
3.3025	11889	45.1170	26.450	37.00	41.250	2460.114	60.081	-5.206	31.581	5.142	6.683	31.496	33.975	5.5316	1.15112	0.00016	45.1172	250.000
3.3028	11890	45.1172	26.451	37.00	41.250	2460.316	60.086	-5.206	31.581	5.142	6.683	31.496	33.975	5.5316	1.15101	0.00016	45.1174	250.000
3.3031	11891	45.1174	26.451	37.00	41.250	2460.518	60.091	-5.206	31.582	5.142	6.682	31.496	33.975	5.5316	1.15091	0.00016	45.1175	250.000
3.3033	11892	45.1175	26.451	37.00	41.250	2460.720	60.096	-5.206	31.583	5.142	6.682	31.496	33.975	5.5316	1.15081	0.00016	45.1177	250.000
3.3036	11893	45.1177	26.451	37.00	41.250	2460.923	60.101	-5.206	31.583	5.142	6.682	31.496	33.975	5.5316	1.15070	0.00016	45.1178	250.000
3.3039	11894	45.1178	26.451	37.00	41.250	2461.125	60.106	-5.206	31.584	5.142	6.682	31.496	33.975	5.5316	1.15060	0.00016	45.1180	250.000
3.3042	11895	45.1180	26.451	37.00	41.250	2461.327	60.111	-5.206	31.585	5.142	6.682	31.496	33.975	5.5316	1.15049	0.00016	45.1182	250.000
3.3044	11896	45.1182	26.452	37.00	41.250	2461.529	60.115	-5.206	31.585	5.142	6.682	31.496	33.975	5.5316	1.15039	0.00016	45.1183	250.000
3.3047	11897	45.1183	26.452	37.00	41.250	2461.731	60.120	-5.206	31.586	5.143	6.682	31.496	33.975	5.5316	1.15029	0.00016	45.1185	250.000
3.3050	11898	45.1185	26.452	37.00	41.250	2461.933	60.125	-5.206	31.586	5.143	6.682	31.496	33.975	5.5316	1.15018	0.00016	45.1187	250.000
3.3053	11899	45.1187	26.452	37.00	41.250	2462.135	60.130	-5.206	31.587	5.143	6.682	31.496	33.975	5.5316	1.15008	0.00016	45.1188	250.000
3.3056	11900	45.1188	26.452	37.00	41.250	2462.337	60.135	-5.206	31.588	5.143	6.682	31.496	33.975	5.5316	1.14997	0.00016	45.1190	250.000
3.3058	11901	45.1190	26.452	37.00	41.250	2462.539	60.140	-5.206	31.588	5.143	6.681	31.496	33.975	5.5316	1.14987	0.00016	45.1192	250.000
3.3061	11902	45.1192	26.453	37.00	41.250	2462.741	60.145	-5.206	31.589	5.143	6.681	31.496	33.975	5.5316	1.14976	0.00016	45.1193	250.000
3.3064	11903	45.1193	26.453	37.00	41.250	2462.943	60.150	-5.206	31.590	5.143	6.681	31.496	33.975	5.5316	1.14966	0.00016	45.1195	250.000
3.3067	11904	45.1195	26.453	37.00	41.250	2463.145	60.155	-5.206	31.590	5.143	6.681	31.496	33.975	5.5316	1.14956	0.00016	45.1197	250.000
3.3069	11905	45.1197	26.453	37.00	41.250	2463.347	60.160	-5.206	31.591	5.143	6.681	31.496	33.975	5.5316	1.14945	0.00016	45.1198	250.000
3.3072	11906	45.1198	26.453	37.00	41.250	2463.549	60.165	-5.206	31.592	5.144	6.681	31.496	33.975	5.5316	1.14935	0.00016	45.1200	250.000
3.3075	11907	45.1200	26.453	37.00	41.250	2463.751	60.170	-5.206	31.592	5.144	6.681	31.496	33.975	5.5316	1.14924	0.00016	45.1201	250.000
3.3078	11908	45.1201	26.454	37.00	41.250	2463.953	60.175	-5.206	31.593	5.144	6.681	31.496	33.975	5.5316	1.14914	0.00016	45.1203	250.000
3.3081	11909	45.1203	26.454	37.00	41.250	2464.155	60.180	-5.206	31.593	5.144	6.681	31.496	33.975	5.5316	1.14904	0.00016	45.1205	250.000
3.3083	11910	45.1205	26.454	37.00	41.250	2464.357	60.185	-5.206	31.594	5.144	6.680	31.496	33.975	5.5316	1.14893	0.00016	45.1206	250.000
3.3086	11911	45.1206	26.454	37.00	41.250	2464.559	60.189	-5.206	31.595	5.144	6.680	31.496	33.975	5.5316	1.14883	0.00016	45.1208	250.000
3.3089	11912	45.1208	26.454	37.00	41.250	2464.761	60.194	-5.206	31.595	5.144	6.680	31.496	33.975	5.5316	1.14872	0.00016	45.1210	250.000
3.3092	11913	45.1210	26.454	37.00	41.250	2464.963	60.199	-5.206	31.596	5.144	6.680	31.496	33.975	5.5316	1.14862	0.00016	45.1211	250.000
3.3094	11914	45.1211	26.455	37.00	41.250	2465.165	60.204	-5.206	31.597	5.144	6.680	31.496	33.975	5.5316	1.14852	0.00016	45.1213	250.000
3.3097	11915	45.1213	26.455	37.00	41.250	2465.367	60.209	-5.206	31.597	5.144	6.680	31.496	33.975	5.5316	1.14841	0.00016	45.1215	250.000
3.3100	11916	45.1215	26.455	37.00	41.250	2465.569	60.214	-5.206	31.598	5.145	6.680	31.496	33.975	5.5316	1.14831	0.00016	45.1216	250.000
3.3103	11917	45.1216	26.455	37.00	41.250	2465.771	60.219	-5.206	31.599	5.145	6.680	31.496	33.975	5.5316	1.14820	0.00016	45.1218	250.000
3.3106	11918	45.1218	26.455	37.00	41.250	2465.973	60.224	-5.206	31.599	5.145	6.680	31.496	33.975	5.5316	1.14810	0.00016	45.1220	250.000
3.3108	11919	45.1220	26.455	37.00	41.250	2466.175	60.229	-5.206	31.600	5.145	6.680	31.496	33.975	5.5316	1.14800	0.00016	45.1221	250.000
3.3111	11920	45.1221	26.456	37.00	41.250	2466.377	60.234	-5.206	31.600	5.145	6.679	31.496	33.975	5.5316	1.14789	0.00016	45.1223	250.000
3.3114	11921	45.1223	26.456	37.00	41.250	2466.579	60.239	-5.206	31.601	5.145	6.679	31.496	33.975	5.5316	1.14779	0.00016	45.1224	250.000
3.3117	11922	45.1224	26.456	37.00	41.250	2466.781	60.244	-5.206	31.602	5.145	6.679	31.496	33.975	5.5316	1.14769	0.00016	45.1226	250.000
3.3119	11923	45.1226	26.456	37.00	41.250	2466.983	60.249	-5.206	31.602	5.145	6.679	31.496	33.975	5.5316	1.14758	0.00016	45.1228	250.000
3.3122	11924	45.1228	26.456	37.00	41.250	2467.185	60.254	-5.206	31.603	5.145	6.679	31.496	33.975	5.5316	1.14748	0.00016	45.1229	250.000
3.3125	11925	45.1229	26.456	37.00	41.250	2467.387	60.259	-5.206	31.604	5.146	6.679	31.496	33.975	5.5316	1.14737	0.00016	45.1231	250.000
3.3128	11926	45.1231	26.456	37.00	41.250	2467.590	60.263	-5.206	31.604	5.146	6.679	31.496	33.975	5.5316	1.14727	0.00016	45.1233	250.000
3.3131	11927	45.1233	26.457	37.00	41.250	2467.792	60.268	-5.206	31.605	5.146	6.679	31.496	33.975	5.5316	1.14717	0.00016	45.1234	250.000
3.3133	11928	45.1234	26.457	37.00	41.250	2467.994	60.273	-5.206	31.606	5.146	6.679	31.496	33.975	5.5316	1.14706	0.00016	45.1236	250.000
3.3136	11929	45.1236	26.457	37.00	41.250	2468.196	60.278	-5.206	31.606	5.146	6.679	31.496	33.975	5.5316	1.14696	0.00016	45.1238	250.000
3.3139	11930	45.1238	26.457	37.00	41.250	2468.398	60.283	-5.206	31.607	5.146	6.678	31.496	33.975	5.5316	1.14685	0.00016	45.1239	250.000
3.3142	11931	45.1239	26.457	37.00	41.250	2468.600	60.288	-5.206	31.608	5.146	6.678	31.496	33.975	5.5316	1.14675	0.00016	45.1241	250.000
3.3144	11932	45.1241	26.457	37.00	41.250	2468.802	60.293	-5.206	31.608	5.146	6.678	31.496	33.975	5.5316	1.14665	0.00016	45.1242	250.000
3.3147	11933	45.1242	26.458	37.00	41.250	2469.004	60.298	-5.206	31.609	5.146	6.678	31.496	33.975	5.5316	1.14654	0.00016	45.1244	250.000
3.3150	11934	45.1244	26.458	37.00	41.250	2469.206	60.303	-5.206	31.609	5.146	6.678	31.496	33.975	5.5316	1.14644	0.00016	45.1246	250.000
3.3153	11935	45.1246	26.458	37.00	41.250	2469.408	60.308	-5.206	31.610	5.147	6.678	31.496	33.975	5.5316	1.14634	0.00016	45.1247	250.000
3.3156	11936	45.1247	26.458	37.00	41.250	2469.610	60.313	-5.206	31.611	5.147	6.678	31.496	33.975	5.5316	1.14623	0.00016	45.1249	250.000
3.3158	11937	45.1249	26.458	37.00	41.250	2469.812	60.318	-5.206	31.611	5.147	6.678	31.496	33.975	5.5316	1.14613	0.00016	45.1251	250.000
3.3161	11938	45.1251	26.458	37.00	41.250	2470.014	60.323	-5.206	31.612	5.147	6.678	31.496	33.975	5.5316	1.14602	0.00016	45.1252	250.000
3.3164	11939	45.1252	26.459	37.00	41.250	2470.216	60.328	-5.206	31.613	5.147	6.677	31.496	33.975	5.5316	1.14592	0.00016	45.1254	250.000
3.3167	11940	45.1254	26.459	37.00	41.250	2470.418	60.333	-5.206	31.613	5.147	6.677	31.496	33.975	5.5316	1.14582	0.00016	45.1256	250.000
3.3169	11941	45.1256	26.459	37.00	41.250	2470.620	60.337	-5.206	31.614	5.147	6.677	31.496	33.975	5.5316	1.14571	0.00016	45.1257	250.000
3.3172	11942	45.1257	26.459	37.00	41.250	2470.822	60.342	-5.206	31.615	5.147	6.677	31.496	33.975	5.5316	1.14561	0.00016	45.1259	250.000
3.3175	11943	45.1259	26.459	37.00	41.250	2471.024	60.347	-5.206	31.615	5.147	6.677	31.496	33.975	5.5316	1.14551	0.00016	45.1260	250.000
3.3178	11944	45.1260	26.459	37.00	41.250	2471.226	60.352	-5.206	31.616	5.147	6.677	31.496	33.975	5.5316	1.14540	0.00016	45.1262	250.000
3.3181	11945	45.1262	26.460	37.00	41.250	2471.428	60.357	-5.206	31.616	5.148	6.677	31.496	33.975	5.5316	1.14530	0.00016	45.1264	250.000
3.3183	11946	45.1264	26.460	37.00	41.250	2471.630	60.362	-5.206	31.617	5.148	6.677	31.496	33.975	5.5316	1.14520	0.00016	45.1265	250.000
3.3186	11947	45.1265	26.460	37.00	41.250	2471.832	60.367	-5.206	31.618	5.148	6.677	31.496	33.975	5.5316	1.14509	0.00016	45.1267	250.000
3.3189	11948	45.1267	26.460	37.00	41.250	2472.034	60.372	-5.206	31.618	5.148	6.677	31.496	33.975	5.5316	1.14499	0.00016	45.1269	250.000
3.3192	11949	45.1269	26.460	37.00	41.250	2472.236	60.377	-5.206	31.619	5.148	6.676	31.496	33.975	5.5316	1.14488	0.00016	45.1270	250.000
3.3194	11950	45.1270	26.460	37.00	41.250	2472.438	60.382	-5.206	31.620	5.148	6.676	31.496	33.975	5.5316	1.14478	0.00016	45.1272	250.000
3.3197	11951	45.1272	26.461	37.00	41.250	2472.640	60.387	-5.206	31.620	5.148	6.676	31.496	33.975	5.5316	1.14468	0.00016	45.1274	250.000
3.3200	11952	45.1274	26.461	37.00	41.250	2472.842	60.392	-5.206	31.621	5.148	6.676	31.496	33.975	5.5316	1.14457	0.00016	45.1275	250.000
3.3203	11953	45.1275	26.461	37.00	41.250	2473.044	60.397	-5.206	31.622	5.148	6.676	31.496	33.975	5.5316	1.14447	0.00016	45.1277	250.000

3.3206	11954	45.1277	26.461	37.00	41.250	2473.246	60.402	-5.206	31.622	5.149	6.676	31.496	33.975	5.5316	1.14437	0.00016	45.1278	250.000
3.3208	11955	45.1278	26.461	37.00	41.250	2473.448	60.407	-5.206	31.623	5.149	6.676	31.496	33.975	5.5316	1.14426	0.00016	45.1280	250.000
3.3211	11956	45.1280	26.461	37.00	41.250	2473.650	60.412	-5.206	31.623	5.149	6.676	31.496	33.975	5.5316	1.14416	0.00016	45.1282	250.000
3.3214	11957	45.1282	26.462	37.00	41.250	2473.852	60.416	-5.206	31.624	5.149	6.676	31.496	33.975	5.5316	1.14406	0.00016	45.1283	250.000
3.3217	11958	45.1283	26.462	37.00	41.250	2474.054	60.421	-5.206	31.625	5.149	6.676	31.496	33.975	5.5316	1.14395	0.00016	45.1285	250.000
3.3219	11959	45.1285	26.462	37.00	41.250	2474.256	60.426	-5.206	31.625	5.149	6.675	31.496	33.975	5.5316	1.14385	0.00016	45.1287	250.000
3.3222	11960	45.1287	26.462	37.00	41.250	2474.459	60.431	-5.206	31.626	5.149	6.675	31.496	33.975	5.5316	1.14375	0.00016	45.1288	250.000
3.3225	11961	45.1288	26.462	37.00	41.250	2474.661	60.436	-5.206	31.627	5.149	6.675	31.496	33.975	5.5316	1.14364	0.00016	45.1290	250.000
3.3228	11962	45.1290	26.462	37.00	41.250	2474.863	60.441	-5.206	31.627	5.149	6.675	31.496	33.975	5.5316	1.14354	0.00016	45.1292	250.000
3.3231	11963	45.1292	26.463	37.00	41.250	2475.065	60.446	-5.206	31.628	5.149	6.675	31.496	33.975	5.5316	1.14344	0.00016	45.1293	250.000
3.3233	11964	45.1293	26.463	37.00	41.250	2475.267	60.451	-5.206	31.629	5.150	6.675	31.496	33.975	5.5316	1.14333	0.00016	45.1295	250.000
3.3236	11965	45.1295	26.463	37.00	41.250	2475.469	60.456	-5.206	31.629	5.150	6.675	31.496	33.975	5.5316	1.14323	0.00016	45.1296	250.000
3.3239	11966	45.1296	26.463	37.00	41.250	2475.671	60.461	-5.206	31.630	5.150	6.675	31.496	33.975	5.5316	1.14312	0.00016	45.1298	250.000
3.3242	11967	45.1298	26.463	37.00	41.250	2475.873	60.466	-5.206	31.630	5.150	6.675	31.496	33.975	5.5316	1.14302	0.00016	45.1300	250.000
3.3244	11968	45.1300	26.463	37.00	41.250	2476.075	60.471	-5.206	31.631	5.150	6.674	31.496	33.975	5.5316	1.14292	0.00016	45.1301	250.000
3.3247	11969	45.1301	26.464	37.00	41.250	2476.277	60.476	-5.206	31.632	5.150	6.674	31.496	33.975	5.5316	1.14281	0.00016	45.1303	250.000
3.3250	11970	45.1303	26.464	37.00	41.250	2476.479	60.481	-5.206	31.632	5.150	6.674	31.496	33.975	5.5316	1.14271	0.00016	45.1305	250.000
3.3253	11971	45.1305	26.464	37.00	41.250	2476.681	60.486	-5.206	31.633	5.150	6.674	31.496	33.975	5.5316	1.14261	0.00016	45.1306	250.000
3.3256	11972	45.1306	26.464	37.00	41.250	2476.883	60.490	-5.206	31.634	5.150	6.674	31.496	33.975	5.5316	1.14250	0.00016	45.1308	250.000
3.3258	11973	45.1308	26.464	37.00	41.250	2477.085	60.495	-5.206	31.634	5.150	6.674	31.496	33.975	5.5316	1.14240	0.00016	45.1309	250.000
3.3261	11974	45.1309	26.464	37.00	41.250	2477.287	60.500	-5.206	31.635	5.151	6.674	31.496	33.975	5.5316	1.14230	0.00016	45.1311	250.000
3.3264	11975	45.1311	26.465	37.00	41.250	2477.489	60.505	-5.206	31.635	5.151	6.674	31.496	33.975	5.5316	1.14219	0.00016	45.1313	250.000
3.3267	11976	45.1313	26.465	37.00	41.250	2477.691	60.510	-5.206	31.636	5.151	6.674	31.496	33.975	5.5316	1.14209	0.00016	45.1314	250.000
3.3269	11977	45.1314	26.465	37.00	41.250	2477.893	60.515	-5.206	31.637	5.151	6.674	31.496	33.975	5.5316	1.14199	0.00016	45.1316	250.000
3.3272	11978	45.1316	26.465	37.00	41.250	2478.095	60.520	-5.206	31.637	5.151	6.673	31.496	33.975	5.5316	1.14188	0.00016	45.1318	250.000
3.3275	11979	45.1318	26.465	37.00	41.250	2478.297	60.525	-5.206	31.638	5.151	6.673	31.496	33.975	5.5316	1.14178	0.00016	45.1319	250.000
3.3278	11980	45.1319	26.465	37.00	41.250	2478.499	60.530	-5.206	31.639	5.151	6.673	31.496	33.975	5.5316	1.14168	0.00016	45.1321	250.000
3.3281	11981	45.1321	26.465	37.00	41.250	2478.701	60.535	-5.206	31.639	5.151	6.673	31.496	33.975	5.5316	1.14157	0.00016	45.1323	250.000
3.3283	11982	45.1323	26.466	37.00	41.250	2478.903	60.540	-5.206	31.640	5.151	6.673	31.496	33.975	5.5316	1.14147	0.00016	45.1324	250.000
3.3286	11983	45.1324	26.466	37.00	41.250	2479.105	60.545	-5.206	31.641	5.152	6.673	31.496	33.975	5.5316	1.14137	0.00016	45.1326	250.000
3.3289	11984	45.1326	26.466	37.00	41.250	2479.307	60.550	-5.206	31.641	5.152	6.673	31.496	33.975	5.5316	1.14126	0.00016	45.1327	250.000
3.3292	11985	45.1327	26.466	37.00	41.250	2479.509	60.555	-5.206	31.642	5.152	6.673	31.496	33.975	5.5316	1.14116	0.00016	45.1329	250.000
3.3294	11986	45.1329	26.466	37.00	41.250	2479.711	60.560	-5.206	31.642	5.152	6.673	31.496	33.975	5.5316	1.14106	0.00016	45.1331	250.000
3.3297	11987	45.1331	26.466	37.00	41.250	2479.913	60.564	-5.206	31.643	5.152	6.673	31.496	33.975	5.5316	1.14095	0.00016	45.1332	250.000
3.3300	11988	45.1332	26.467	37.00	41.250	2480.115	60.569	-5.206	31.644	5.152	6.672	31.496	33.975	5.5316	1.14085	0.00016	45.1334	250.000
3.3303	11989	45.1334	26.467	37.00	41.250	2480.317	60.574	-5.206	31.644	5.152	6.672	31.496	33.975	5.5316	1.14075	0.00016	45.1336	250.000
3.3306	11990	45.1336	26.467	37.00	41.250	2480.519	60.579	-5.206	31.645	5.152	6.672	31.496	33.975	5.5316	1.14064	0.00016	45.1337	250.000
3.3308	11991	45.1337	26.467	37.00	41.250	2480.721	60.584	-5.206	31.646	5.152	6.672	31.496	33.975	5.5316	1.14054	0.00016	45.1339	250.000
3.3311	11992	45.1339	26.467	37.00	41.250	2480.923	60.589	-5.206	31.646	5.152	6.672	31.496	33.975	5.5316	1.14044	0.00016	45.1340	250.000
3.3314	11993	45.1340	26.467	37.00	41.250	2481.126	60.594	-5.206	31.647	5.153	6.672	31.496	33.975	5.5316	1.14033	0.00016	45.1342	250.000
3.3317	11994	45.1342	26.468	37.00	41.250	2481.328	60.599	-5.206	31.648	5.153	6.672	31.496	33.975	5.5316	1.14023	0.00016	45.1344	250.000
3.3319	11995	45.1344	26.468	37.00	41.250	2481.530	60.604	-5.206	31.648	5.153	6.672	31.496	33.975	5.5316	1.14013	0.00016	45.1345	250.000
3.3322	11996	45.1345	26.468	37.00	41.250	2481.732	60.609	-5.206	31.649	5.153	6.672	31.496	33.975	5.5316	1.14003	0.00016	45.1347	250.000
3.3325	11997	45.1347	26.468	37.00	41.250	2481.934	60.614	-5.206	31.649	5.153	6.671	31.496	33.975	5.5316	1.13992	0.00016	45.1349	250.000
3.3328	11998	45.1349	26.468	37.00	41.250	2482.136	60.619	-5.206	31.650	5.153	6.671	31.496	33.975	5.5316	1.13982	0.00016	45.1350	250.000
3.3331	11999	45.1350	26.468	37.00	41.250	2482.338	60.624	-5.206	31.651	5.153	6.671	31.496	33.975	5.5316	1.13972	0.00016	45.1352	250.000
3.3333	12000	45.1352	26.469	37.00	41.250	2482.540	60.629	-5.206	31.651	5.153	6.671	31.496	33.975	5.5316	1.13961	0.00016	45.1354	250.000
3.3336	12001	45.1354	26.469	37.00	41.250	2482.742	60.634	-5.206	31.652	5.153	6.671	31.496	33.975	5.5316	1.13951	0.00016	45.1355	250.000
3.3339	12002	45.1355	26.469	37.00	41.250	2482.944	60.638	-5.206	31.653	5.153	6.671	31.496	33.975	5.5316	1.13941	0.00016	45.1357	250.000
3.3342	12003	45.1357	26.469	37.00	41.250	2483.146	60.643	-5.206	31.653	5.154	6.671	31.496	33.975	5.5316	1.13930	0.00016	45.1358	250.000
3.3344	12004	45.1358	26.469	37.00	41.250	2483.348	60.648	-5.206	31.654	5.154	6.671	31.496	33.975	5.5316	1.13920	0.00016	45.1360	250.000
3.3347	12005	45.1360	26.469	37.00	41.250	2483.550	60.653	-5.206	31.655	5.154	6.671	31.496	33.975	5.5316	1.13910	0.00016	45.1362	250.000
3.3350	12006	45.1362	26.470	37.00	41.250	2483.752	60.658	-5.206	31.655	5.154	6.671	31.496	33.975	5.5316	1.13899	0.00016	45.1363	250.000
3.3353	12007	45.1363	26.470	37.00	41.250	2483.954	60.663	-5.206	31.656	5.154	6.670	31.496	33.975	5.5316	1.13889	0.00016	45.1365	250.000
3.3356	12008	45.1365	26.470	37.00	41.250	2484.156	60.668	-5.206	31.656	5.154	6.670	31.496	33.975	5.5316	1.13879	0.00016	45.1367	250.000
3.3358	12009	45.1367	26.470	37.00	41.250	2484.358	60.673	-5.206	31.657	5.154	6.670	31.496	33.975	5.5316	1.13868	0.00016	45.1368	250.000
3.3361	12010	45.1368	26.470	37.00	41.250	2484.560	60.678	-5.206	31.658	5.154	6.670	31.496	33.975	5.5316	1.13858	0.00016	45.1370	250.000
3.3364	12011	45.1370	26.470	37.00	41.250	2484.762	60.683	-5.206	31.658	5.154	6.670	31.496	33.975	5.5316	1.13848	0.00016	45.1371	250.000
3.3367	12012	45.1371	26.471	37.00	41.250	2484.964	60.688	-5.206	31.659	5.154	6.670	31.496	33.975	5.5316	1.13838	0.00016	45.1373	250.000
3.3369	12013	45.1373	26.471	37.00	41.250	2485.166	60.693	-5.206	31.660	5.155	6.670	31.496	33.975	5.5316	1.13827	0.00016	45.1375	250.000
3.3372	12014	45.1375	26.471	37.00	41.250	2485.368	60.698	-5.206	31.660	5.155	6.670	31.496	33.975	5.5316	1.13817	0.00016	45.1376	250.000
3.3375	12015	45.1376	26.471	37.00	41.250	2485.570	60.703	-5.206	31.661	5.155	6.670	31.496	33.975	5.5316	1.13807	0.00016	45.1378	250.000
3.3378	12016	45.1378	26.471	37.00	41.250	2485.772	60.708	-5.206	31.661	5.155	6.670	31.496	33.975	5.5316	1.13796	0.00016	45.1380	250.000
3.3381	12017	45.1380	26.471	37.00	41.250	2485.974	60.712	-5.206	31.662	5.155	6.669	31.496	33.975	5.5316	1.13786	0.00016	45.1381	250.000
3.3383	12018	45.1381	26.472	37.00	41.250	2486.176	60.717	-5.206	31.663	5.155	6.669	31.496	33.975	5.5316	1.13776	0.00016	45.1383	250.000
3.3386	12019	45.1383	26.472	37.00	41.250	2486.378	60.722	-5.206	31.663	5.155	6.669	31.496	33.975	5.5316	1.13765	0.00016	45.1384	250.000
3.3389	12020	45.1384	26.472	37.00	41.250	2486.580	60.727	-5.206	31.664	5.155	6.669	31.496	33.975	5.5316	1.13755	0.00016	45.1386	250.000
3.3392	12021	45.1386	26.472	37.00	41.250	2486.782	60.732	-5.206	31.665	5.155	6.669	31.496	33.975	5.5316	1.13745	0.00016	45.1388	250.000
3.3394	12022	45.1388	26.472	37.00	41.250	2486.984	60.737	-5.206	31.665	5.156	6.669	31.496	33.975	5.5316	1.13735	0.00016	45.1389	250.000
3.3397	12023	45.1389	26.472	37.00	41.250	2487.186	60.742	-5.206	31.666	5.156	6.669	31.496	33.975	5.5316	1.13724	0.00016	45.1391	250.000
3.3400	12024	45.1391	26.472	37.00	41.250	2487.388	60.747	-5.206	31.667	5.156	6.669	31.496	33.975	5.5316	1.13714	0.00016	45.1393	250.000
3.3403	12025	45.1393	26.473	37.00	41.250	2487.590	60.752	-5.206	31.667	5.156	6.669	31.496	33.975	5.5316	1.13704	0.00016	45.1394	250.000
3.3406	12026	45.1394	26.473	37.00	41.250	2487.793	60.757	-5.206	31.668	5.156	6.668	31.496	33.975	5.5316	1.13693	0.00016	45.1396	250.000
3.3408	12027	45.1396	26.473	37.00	41.250	2487.995	60.762	-5.206	31.668	5.156	6.668	31.496	33.975	5.5316	1.13683	0.00016	45.1397	250.000
3.3411	12028	45.1397	26.473	37.00	41.250	2488.197	60.767	-5.206	31.669	5.156	6.668	31.496	33.975	5.5316	1.13673	0.00016	45.1399	250.000
3.3414	12029	45.1399	26.473	37.00	41.250	2488.399	60.772	-5.206	31.670	5.156	6.668	31.496	33.975	5.5316	1.13663	0.00016	45.1401	250.000
3.3417	12030	45.1401	26.473	37.00	41.250	2488.601	60.777	-5.206	31.670	5.156	6.668	31.496	33.975	5.5316	1.13652	0.00016	45.1402	250.000
3.3419	12031	45.1402	26.474	37.00	41.250	2488.803	60.782	-5.206	31.671	5.156	6.668	31.496	33.975	5.5316	1.13642	0.00016	45.1404	250.000
3.3422	12032	45.1404	26.474	37.00	41.250	2489.005	60.786	-5.206	31.672	5.157	6.668	31.496	33.975	5.5316	1.13632	0.00016	45.1406	250.000
3.3425	12033	45.1406	26.474	37.00	41.250	2489.207	60.791	-5.206	31.672	5.157	6.668	31.496	33.975	5.5316	1.13621	0.00016	45.1407	250.000
3.3428	12034	45.1407	26.474	37.00	41.250	2489.409	60.796	-5.206	31.673	5.157	6.668	31.496	33.975	5.5316	1.13611	0.00016	45.1409	250.000

3.3431	12035	45.1409	26.474	37.00	41.250	2489.611	60.801	-5.206	31.673	5.157	6.668	31.496	33.975	5.5316	1.13601	0.00016	45.1410	250.000
3.3433	12036	45.1410	26.474	37.00	41.250	2489.813	60.806	-5.206	31.674	5.157	6.667	31.496	33.975	5.5316	1.13591	0.00016	45.1412	250.000
3.3436	12037	45.1412	26.475	37.00	41.250	2490.015	60.811	-5.206	31.675	5.157	6.667	31.496	33.975	5.5316	1.13580	0.00016	45.1414	250.000
3.3439	12038	45.1414	26.475	37.00	41.250	2490.217	60.816	-5.206	31.675	5.157	6.667	31.496	33.975	5.5316	1.13570	0.00016	45.1415	250.000
3.3442	12039	45.1415	26.475	37.00	41.250	2490.419	60.821	-5.206	31.676	5.157	6.667	31.496	33.975	5.5316	1.13560	0.00016	45.1417	250.000
3.3444	12040	45.1417	26.475	37.00	41.250	2490.621	60.826	-5.206	31.677	5.157	6.667	31.496	33.975	5.5316	1.13549	0.00016	45.1419	250.000
3.3447	12041	45.1419	26.475	37.00	41.250	2490.823	60.831	-5.206	31.677	5.157	6.667	31.496	33.975	5.5316	1.13539	0.00016	45.1420	250.000
3.3450	12042	45.1420	26.475	37.00	41.250	2491.025	60.836	-5.206	31.678	5.158	6.667	31.496	33.975	5.5316	1.13529	0.00016	45.1422	250.000
3.3453	12043	45.1422	26.476	37.00	41.250	2491.227	60.841	-5.206	31.679	5.158	6.667	31.496	33.975	5.5316	1.13519	0.00016	45.1423	250.000
3.3456	12044	45.1423	26.476	37.00	41.250	2491.429	60.846	-5.206	31.679	5.158	6.667	31.496	33.975	5.5316	1.13508	0.00016	45.1425	250.000
3.3458	12045	45.1425	26.476	37.00	41.250	2491.631	60.851	-5.206	31.680	5.158	6.667	31.496	33.975	5.5316	1.13498	0.00016	45.1427	250.000
3.3461	12046	45.1427	26.476	37.00	41.250	2491.833	60.856	-5.206	31.680	5.158	6.666	31.496	33.975	5.5316	1.13488	0.00016	45.1428	250.000
3.3464	12047	45.1428	26.476	37.00	41.250	2492.035	60.861	-5.206	31.681	5.158	6.666	31.496	33.975	5.5316	1.13478	0.00016	45.1430	250.000
3.3467	12048	45.1430	26.476	37.00	41.250	2492.237	60.865	-5.206	31.682	5.158	6.666	31.496	33.975	5.5316	1.13467	0.00016	45.1431	250.000
3.3469	12049	45.1431	26.477	37.00	41.250	2492.439	60.870	-5.206	31.682	5.158	6.666	31.496	33.975	5.5316	1.13457	0.00016	45.1433	250.000
3.3472	12050	45.1433	26.477	37.00	41.250	2492.641	60.875	-5.206	31.683	5.158	6.666	31.496	33.975	5.5316	1.13447	0.00016	45.1435	250.000
3.3475	12051	45.1435	26.477	37.00	41.250	2492.843	60.880	-5.206	31.684	5.159	6.666	31.496	33.975	5.5316	1.13437	0.00016	45.1436	250.000
3.3478	12052	45.1436	26.477	37.00	41.250	2493.045	60.885	-5.206	31.684	5.159	6.666	31.496	33.975	5.5316	1.13426	0.00016	45.1438	250.000
3.3481	12053	45.1438	26.477	37.00	41.250	2493.247	60.890	-5.206	31.685	5.159	6.666	31.496	33.975	5.5316	1.13416	0.00016	45.1440	250.000
3.3483	12054	45.1440	26.477	37.00	41.250	2493.449	60.895	-5.206	31.685	5.159	6.666	31.496	33.975	5.5316	1.13406	0.00016	45.1441	250.000
3.3486	12055	45.1441	26.478	37.00	41.250	2493.651	60.900	-5.206	31.686	5.159	6.666	31.496	33.975	5.5316	1.13395	0.00016	45.1443	250.000
3.3489	12056	45.1443	26.478	37.00	41.250	2493.853	60.905	-5.206	31.687	5.159	6.665	31.496	33.975	5.5316	1.13385	0.00016	45.1444	250.000
3.3492	12057	45.1444	26.478	37.00	41.250	2494.055	60.910	-5.206	31.687	5.159	6.665	31.496	33.975	5.5316	1.13375	0.00016	45.1446	250.000
3.3494	12058	45.1446	26.478	37.00	41.250	2494.257	60.915	-5.206	31.688	5.159	6.665	31.496	33.975	5.5316	1.13365	0.00016	45.1448	250.000
3.3497	12059	45.1448	26.478	37.00	41.250	2494.459	60.920	-5.206	31.689	5.159	6.665	31.496	33.975	5.5316	1.13354	0.00016	45.1449	250.000
3.3500	12060	45.1449	26.478	37.00	41.250	2494.662	60.925	-5.206	31.689	5.159	6.665	31.496	33.975	5.5316	1.13344	0.00016	45.1451	250.000
3.3503	12061	45.1451	26.478	37.00	41.250	2494.864	60.930	-5.206	31.690	5.160	6.665	31.496	33.975	5.5316	1.13334	0.00016	45.1453	250.000
3.3506	12062	45.1453	26.479	37.00	41.250	2495.066	60.935	-5.206	31.691	5.160	6.665	31.496	33.975	5.5316	1.13324	0.00016	45.1454	250.000
3.3508	12063	45.1454	26.479	37.00	41.250	2495.268	60.939	-5.206	31.691	5.160	6.665	31.496	33.975	5.5316	1.13313	0.00016	45.1456	250.000
3.3511	12064	45.1456	26.479	37.00	41.250	2495.470	60.944	-5.206	31.692	5.160	6.665	31.496	33.975	5.5316	1.13303	0.00016	45.1457	250.000
3.3514	12065	45.1457	26.479	37.00	41.250	2495.672	60.949	-5.206	31.692	5.160	6.664	31.496	33.975	5.5316	1.13293	0.00016	45.1459	250.000
3.3517	12066	45.1459	26.479	37.00	41.250	2495.874	60.954	-5.206	31.693	5.160	6.664	31.496	33.975	5.5316	1.13283	0.00016	45.1461	250.000
3.3519	12067	45.1461	26.479	37.00	41.250	2496.076	60.959	-5.206	31.694	5.160	6.664	31.496	33.975	5.5316	1.13272	0.00016	45.1462	250.000
3.3522	12068	45.1462	26.480	37.00	41.250	2496.278	60.964	-5.206	31.694	5.160	6.664	31.496	33.975	5.5316	1.13262	0.00016	45.1464	250.000
3.3525	12069	45.1464	26.480	37.00	41.250	2496.480	60.969	-5.206	31.695	5.160	6.664	31.496	33.975	5.5316	1.13252	0.00016	45.1465	250.000
3.3528	12070	45.1465	26.480	37.00	41.250	2496.682	60.974	-5.206	31.696	5.160	6.664	31.496	33.975	5.5316	1.13242	0.00016	45.1467	250.000
3.3531	12071	45.1467	26.480	37.00	41.250	2496.884	60.979	-5.206	31.696	5.161	6.664	31.496	33.975	5.5316	1.13231	0.00016	45.1469	250.000
3.3533	12072	45.1469	26.480	37.00	41.250	2497.086	60.984	-5.206	31.697	5.161	6.664	31.496	33.975	5.5316	1.13221	0.00016	45.1470	250.000
3.3536	12073	45.1470	26.480	37.00	41.250	2497.288	60.989	-5.206	31.697	5.161	6.664	31.496	33.975	5.5316	1.13211	0.00016	45.1472	250.000
3.3539	12074	45.1472	26.481	37.00	41.250	2497.490	60.994	-5.206	31.698	5.161	6.664	31.496	33.975	5.5316	1.13201	0.00016	45.1474	250.000
3.3542	12075	45.1474	26.481	37.00	41.250	2497.692	60.999	-5.206	31.699	5.161	6.663	31.496	33.975	5.5316	1.13190	0.00016	45.1475	250.000
3.3544	12076	45.1475	26.481	37.00	41.250	2497.894	61.004	-5.206	31.699	5.161	6.663	31.496	33.975	5.5316	1.13180	0.00016	45.1477	250.000
3.3547	12077	45.1477	26.481	37.00	41.250	2498.096	61.009	-5.206	31.700	5.161	6.663	31.496	33.975	5.5316	1.13170	0.00016	45.1478	250.000
3.3550	12078	45.1478	26.481	37.00	41.250	2498.298	61.013	-5.206	31.701	5.161	6.663	31.496	33.975	5.5316	1.13160	0.00016	45.1480	250.000
3.3553	12079	45.1480	26.481	37.00	41.250	2498.500	61.018	-5.206	31.701	5.161	6.663	31.496	33.975	5.5316	1.13149	0.00016	45.1482	250.000
3.3556	12080	45.1482	26.482	37.00	41.250	2498.702	61.023	-5.206	31.702	5.161	6.663	31.496	33.975	5.5316	1.13139	0.00016	45.1483	250.000
3.3558	12081	45.1483	26.482	37.00	41.250	2498.904	61.028	-5.206	31.702	5.162	6.663	31.496	33.975	5.5316	1.13129	0.00016	45.1485	250.000
3.3561	12082	45.1485	26.482	37.00	41.250	2499.106	61.033	-5.206	31.703	5.162	6.663	31.496	33.975	5.5316	1.13119	0.00016	45.1487	250.000
3.3564	12083	45.1487	26.482	37.00	41.250	2499.308	61.038	-5.206	31.704	5.162	6.663	31.496	33.975	5.5316	1.13108	0.00016	45.1488	250.000
3.3567	12084	45.1488	26.482	37.00	41.250	2499.510	61.043	-5.206	31.704	5.162	6.663	31.496	33.975	5.5316	1.13098	0.00016	45.1490	250.000
3.3569	12085	45.1490	26.482	37.00	41.250	2499.712	61.048	-5.206	31.705	5.162	6.662	31.496	33.975	5.5316	1.13088	0.00016	45.1491	250.000
3.3572	12086	45.1491	26.483	37.00	41.250	2499.914	61.053	-5.206	31.706	5.162	6.662	31.496	33.975	5.5316	1.13078	0.00016	45.1493	250.000
3.3575	12087	45.1493	26.483	37.00	41.250	2500.116	61.058	-5.206	31.706	5.162	6.662	31.496	33.975	5.5316	1.13068	0.00016	45.1495	250.000
3.3578	12088	45.1495	26.483	37.00	41.250	2500.318	61.063	-5.206	31.707	5.162	6.662	31.496	33.975	5.5316	1.13057	0.00016	45.1496	250.000
3.3581	12089	45.1496	26.483	37.00	41.250	2500.520	61.068	-5.206	31.707	5.162	6.662	31.496	33.975	5.5316	1.13047	0.00016	45.1498	250.000
3.3583	12090	45.1498	26.483	37.00	41.250	2500.722	61.073	-5.206	31.708	5.163	6.662	31.496	33.975	5.5316	1.13037	0.00016	45.1499	250.000
3.3586	12091	45.1499	26.483	37.00	41.250	2500.924	61.078	-5.206	31.709	5.163	6.662	31.496	33.975	5.5316	1.13027	0.00016	45.1501	250.000
3.3589	12092	45.1501	26.483	37.00	41.250	2501.126	61.083	-5.206	31.709	5.163	6.662	31.496	33.975	5.5316	1.13016	0.00016	45.1503	250.000
3.3592	12093	45.1503	26.484	37.00	41.250	2501.329	61.087	-5.206	31.710	5.163	6.662	31.496	33.975	5.5316	1.13006	0.00016	45.1504	250.000
3.3594	12094	45.1504	26.484	37.00	41.250	2501.531	61.092	-5.206	31.711	5.163	6.662	31.496	33.975	5.5316	1.12996	0.00016	45.1506	250.000
3.3597	12095	45.1506	26.484	37.00	41.250	2501.733	61.097	-5.206	31.711	5.163	6.661	31.496	33.975	5.5316	1.12986	0.00016	45.1507	250.000
3.3600	12096	45.1507	26.484	37.00	41.250	2501.935	61.102	-5.206	31.712	5.163	6.661	31.496	33.975	5.5316	1.12975	0.00016	45.1509	250.000
3.3603	12097	45.1509	26.484	37.00	41.250	2502.137	61.107	-5.206	31.713	5.163	6.661	31.496	33.975	5.5316	1.12965	0.00016	45.1511	250.000
3.3606	12098	45.1511	26.484	37.00	41.250	2502.339	61.112	-5.206	31.713	5.163	6.661	31.496	33.975	5.5316	1.12955	0.00016	45.1512	250.000
3.3608	12099	45.1512	26.485	37.00	41.250	2502.541	61.117	-5.206	31.714	5.163	6.661	31.496	33.975	5.5316	1.12945	0.00016	45.1514	250.000
3.3611	12100	45.1514	26.485	37.00	41.250	2502.743	61.122	-5.206	31.714	5.164	6.661	31.496	33.975	5.5316	1.12935	0.00016	45.1516	250.000
3.3614	12101	45.1516	26.485	37.00	41.250	2502.945	61.127	-5.206	31.715	5.164	6.661	31.496	33.975	5.5316	1.12924	0.00016	45.1517	250.000
3.3617	12102	45.1517	26.485	37.00	41.250	2503.147	61.132	-5.206	31.716	5.164	6.661	31.496	33.975	5.5316	1.12914	0.00016	45.1519	250.000
3.3619	12103	45.1519	26.485	37.00	41.250	2503.349	61.137	-5.206	31.716	5.164	6.661	31.496	33.975	5.5316	1.12904	0.00016	45.1520	250.000
3.3622	12104	45.1520	26.485	37.00	41.250	2503.551	61.142	-5.206	31.717	5.164	6.660	31.496	33.975	5.5316	1.12894	0.00016	45.1522	250.000
3.3625	12105	45.1522	26.486	37.00	41.250	2503.753	61.147	-5.206	31.718	5.164	6.660	31.496	33.975	5.5316	1.12884	0.00016	45.1524	250.000
3.3628	12106	45.1524	26.486	37.00	41.250	2503.955	61.152	-5.206	31.718	5.164	6.660	31.496	33.975	5.5316	1.12873	0.00016	45.1525	250.000
3.3631	12107	45.1525	26.486	37.00	41.250	2504.157	61.157	-5.206	31.719	5.164	6.660	31.496	33.975	5.5316	1.12863	0.00016	45.1527	250.000
3.3633	12108	45.1527	26.486	37.00	41.250	2504.359	61.161	-5.206	31.719	5.164	6.660	31.496	33.975	5.5316	1.12853	0.00016	45.1528	250.000
3.3636	12109	45.1528	26.486	37.00	41.250	2504.561	61.166	-5.206	31.720	5.164	6.660	31.496	33.975	5.5316	1.12843	0.00016	45.1530	250.000
3.3639	12110	45.1530	26.486	37.00	41.250	2504.763	61.171	-5.206	31.721	5.165	6.660	31.496	33.975	5.5316	1.12832	0.00016	45.1532	250.000
3.3642	12111	45.1532	26.487	37.00	41.250	2504.965	61.176	-5.206	31.721	5.165	6.660	31.496	33.975	5.5316	1.12822	0.00016	45.1533	250.000
3.3644	12112	45.1533	26.487	37.00	41.250	2505.167	61.181	-5.206	31.722	5.165	6.660	31.496	33.975	5.5316	1.12812	0.00016	45.1535	250.000
3.3647	12113	45.1535	26.487	37.00	41.250	2505.369	61.186	-5.206	31.723	5.165	6.660	31.496	33.975	5.5316	1.12802	0.00016	45.1537	250.000
3.3650	12114	45.1537	26.487	37.00	41.250	2505.571	61.191	-5.206	31.723	5.165	6.659	31.496	33.975	5.5316	1.12792	0.00016	45.1538	250.000
3.3653	12115	45.1538	26.487	37.00	41.250	2505.773	61.196	-5.206	31.724	5.165	6.659	31.496	33.975	5.5316	1.12781	0.00016	45.1540	250.000

3.3656	12116	45.1540	26.487	37.00	41.250	2505.975	61.201	-5.206	31.724	5.165	6.659	31.496	33.975	5.5316	1.12771	0.00016	45.1541	250.000
3.3658	12117	45.1541	26.488	37.00	41.250	2506.177	61.206	-5.206	31.725	5.165	6.659	31.496	33.975	5.5316	1.12761	0.00016	45.1543	250.000
3.3661	12118	45.1543	26.488	37.00	41.250	2506.379	61.211	-5.206	31.726	5.165	6.659	31.496	33.975	5.5316	1.12751	0.00016	45.1545	250.000
3.3664	12119	45.1545	26.488	37.00	41.250	2506.581	61.216	-5.206	31.726	5.165	6.659	31.496	33.975	5.5316	1.12741	0.00016	45.1546	250.000
3.3667	12120	45.1546	26.488	37.00	41.250	2506.783	61.221	-5.206	31.727	5.166	6.659	31.496	33.975	5.5316	1.12730	0.00016	45.1548	250.000
3.3669	12121	45.1548	26.488	37.00	41.250	2506.985	61.226	-5.206	31.728	5.166	6.659	31.496	33.975	5.5316	1.12720	0.00016	45.1549	250.000
3.3672	12122	45.1549	26.488	37.00	41.250	2507.187	61.231	-5.206	31.728	5.166	6.659	31.496	33.975	5.5316	1.12710	0.00016	45.1551	250.000
3.3675	12123	45.1551	26.488	37.00	41.250	2507.389	61.235	-5.206	31.729	5.166	6.659	31.496	33.975	5.5316	1.12700	0.00016	45.1553	250.000
3.3678	12124	45.1553	26.489	37.00	41.250	2507.591	61.240	-5.206	31.729	5.166	6.658	31.496	33.975	5.5316	1.12690	0.00016	45.1554	250.000
3.3681	12125	45.1554	26.489	37.00	41.250	2507.793	61.245	-5.206	31.730	5.166	6.658	31.496	33.975	5.5316	1.12679	0.00016	45.1556	250.000
3.3683	12126	45.1556	26.489	37.00	41.250	2507.995	61.250	-5.206	31.731	5.166	6.658	31.496	33.975	5.5316	1.12669	0.00016	45.1557	250.000
3.3686	12127	45.1557	26.489	37.00	41.250	2508.198	61.255	-5.206	31.731	5.166	6.658	31.496	33.975	5.5316	1.12659	0.00016	45.1559	250.000
3.3689	12128	45.1559	26.489	37.00	41.250	2508.400	61.260	-5.206	31.732	5.166	6.658	31.496	33.975	5.5316	1.12649	0.00016	45.1561	250.000
3.3692	12129	45.1561	26.489	37.00	41.250	2508.602	61.265	-5.206	31.733	5.166	6.658	31.496	33.975	5.5316	1.12639	0.00016	45.1562	250.000
3.3694	12130	45.1562	26.490	37.00	41.250	2508.804	61.270	-5.206	31.733	5.167	6.658	31.496	33.975	5.5316	1.12628	0.00016	45.1564	250.000
3.3697	12131	45.1564	26.490	37.00	41.250	2509.006	61.275	-5.206	31.734	5.167	6.658	31.496	33.975	5.5316	1.12618	0.00016	45.1566	250.000
3.3700	12132	45.1566	26.490	37.00	41.250	2509.208	61.280	-5.206	31.734	5.167	6.658	31.496	33.975	5.5316	1.12608	0.00016	45.1567	250.000
3.3703	12133	45.1567	26.490	37.00	41.250	2509.410	61.285	-5.206	31.735	5.167	6.658	31.496	33.975	5.5316	1.12598	0.00016	45.1569	250.000
3.3706	12134	45.1569	26.490	37.00	41.250	2509.612	61.290	-5.206	31.736	5.167	6.657	31.496	33.975	5.5316	1.12588	0.00016	45.1570	250.000
3.3708	12135	45.1570	26.490	37.00	41.250	2509.814	61.295	-5.206	31.736	5.167	6.657	31.496	33.975	5.5316	1.12577	0.00016	45.1572	250.000
3.3711	12136	45.1572	26.491	37.00	41.250	2510.016	61.300	-5.206	31.737	5.167	6.657	31.496	33.975	5.5316	1.12567	0.00016	45.1574	250.000
3.3714	12137	45.1574	26.491	37.00	41.250	2510.218	61.305	-5.206	31.738	5.167	6.657	31.496	33.975	5.5316	1.12557	0.00016	45.1575	250.000
3.3717	12138	45.1575	26.491	37.00	41.250	2510.420	61.309	-5.206	31.738	5.167	6.657	31.496	33.975	5.5316	1.12547	0.00016	45.1577	250.000
3.3719	12139	45.1577	26.491	37.00	41.250	2510.622	61.314	-5.206	31.739	5.168	6.657	31.496	33.975	5.5316	1.12537	0.00016	45.1578	250.000
3.3722	12140	45.1578	26.491	37.00	41.250	2510.824	61.319	-5.206	31.739	5.168	6.657	31.496	33.975	5.5316	1.12527	0.00016	45.1580	250.000
3.3725	12141	45.1580	26.491	37.00	41.250	2511.026	61.324	-5.206	31.740	5.168	6.657	31.496	33.975	5.5316	1.12516	0.00016	45.1582	250.000
3.3728	12142	45.1582	26.492	37.00	41.250	2511.228	61.329	-5.206	31.741	5.168	6.657	31.496	33.975	5.5316	1.12506	0.00016	45.1583	250.000
3.3731	12143	45.1583	26.492	37.00	41.250	2511.430	61.334	-5.206	31.741	5.168	6.657	31.496	33.975	5.5316	1.12496	0.00016	45.1585	250.000
3.3733	12144	45.1585	26.492	37.00	41.250	2511.632	61.339	-5.206	31.742	5.168	6.656	31.496	33.975	5.5316	1.12486	0.00016	45.1586	250.000
3.3736	12145	45.1586	26.492	37.00	41.250	2511.834	61.344	-5.206	31.743	5.168	6.656	31.496	33.975	5.5316	1.12476	0.00016	45.1588	250.000
3.3739	12146	45.1588	26.492	37.00	41.250	2512.036	61.349	-5.206	31.743	5.168	6.656	31.496	33.975	5.5316	1.12465	0.00016	45.1590	250.000
3.3742	12147	45.1590	26.492	37.00	41.250	2512.238	61.354	-5.206	31.744	5.168	6.656	31.496	33.975	5.5316	1.12455	0.00016	45.1591	250.000
3.3744	12148	45.1591	26.493	37.00	41.250	2512.440	61.359	-5.206	31.744	5.168	6.656	31.496	33.975	5.5316	1.12445	0.00016	45.1593	250.000
3.3747	12149	45.1593	26.493	37.00	41.250	2512.642	61.364	-5.206	31.745	5.169	6.656	31.496	33.975	5.5316	1.12435	0.00016	45.1594	250.000
3.3750	12150	45.1594	26.493	37.00	41.250	2512.844	61.369	-5.206	31.746	5.169	6.656	31.496	33.975	5.5316	1.12425	0.00016	45.1596	250.000
3.3753	12151	45.1596	26.493	37.00	41.250	2513.046	61.374	-5.206	31.746	5.169	6.656	31.496	33.975	5.5316	1.12415	0.00016	45.1598	250.000
3.3756	12152	45.1598	26.493	37.00	41.250	2513.248	61.379	-5.206	31.747	5.169	6.656	31.496	33.975	5.5316	1.12404	0.00016	45.1599	250.000
3.3758	12153	45.1599	26.493	37.00	41.250	2513.450	61.384	-5.206	31.748	5.169	6.655	31.496	33.975	5.5316	1.12394	0.00016	45.1601	250.000
3.3761	12154	45.1601	26.493	37.00	41.250	2513.652	61.388	-5.206	31.748	5.169	6.655	31.496	33.975	5.5316	1.12384	0.00016	45.1602	250.000
3.3764	12155	45.1602	26.494	37.00	41.250	2513.854	61.393	-5.206	31.749	5.169	6.655	31.496	33.975	5.5316	1.12374	0.00016	45.1604	250.000
3.3767	12156	45.1604	26.494	37.00	41.250	2514.056	61.398	-5.206	31.749	5.169	6.655	31.496	33.975	5.5316	1.12364	0.00016	45.1606	250.000
3.3769	12157	45.1606	26.494	37.00	41.250	2514.258	61.403	-5.206	31.750	5.169	6.655	31.496	33.975	5.5316	1.12354	0.00016	45.1607	250.000
3.3772	12158	45.1607	26.494	37.00	41.250	2514.460	61.408	-5.206	31.751	5.169	6.655	31.496	33.975	5.5316	1.12343	0.00016	45.1609	250.000
3.3775	12159	45.1609	26.494	37.00	41.250	2514.662	61.413	-5.206	31.751	5.170	6.655	31.496	33.975	5.5316	1.12333	0.00016	45.1610	250.000
3.3778	12160	45.1610	26.494	37.00	41.250	2514.865	61.418	-5.206	31.752	5.170	6.655	31.496	33.975	5.5316	1.12323	0.00016	45.1612	250.000
3.3781	12161	45.1612	26.495	37.00	41.250	2515.067	61.423	-5.206	31.753	5.170	6.655	31.496	33.975	5.5316	1.12313	0.00016	45.1614	250.000
3.3783	12162	45.1614	26.495	37.00	41.250	2515.269	61.428	-5.206	31.753	5.170	6.655	31.496	33.975	5.5316	1.12303	0.00016	45.1615	250.000
3.3786	12163	45.1615	26.495	37.00	41.250	2515.471	61.433	-5.206	31.754	5.170	6.654	31.496	33.975	5.5316	1.12293	0.00016	45.1617	250.000
3.3789	12164	45.1617	26.495	37.00	41.250	2515.673	61.438	-5.206	31.754	5.170	6.654	31.496	33.975	5.5316	1.12282	0.00016	45.1619	250.000
3.3792	12165	45.1619	26.495	37.00	41.250	2515.875	61.443	-5.206	31.755	5.170	6.654	31.496	33.975	5.5316	1.12272	0.00016	45.1620	250.000
3.3794	12166	45.1620	26.495	37.00	41.250	2516.077	61.448	-5.206	31.756	5.170	6.654	31.496	33.975	5.5316	1.12262	0.00016	45.1622	250.000
3.3797	12167	45.1622	26.496	37.00	41.250	2516.279	61.453	-5.206	31.756	5.170	6.654	31.496	33.975	5.5316	1.12252	0.00016	45.1623	250.000
3.3800	12168	45.1623	26.496	37.00	41.250	2516.481	61.458	-5.206	31.757	5.170	6.654	31.496	33.975	5.5316	1.12242	0.00016	45.1625	250.000
3.3803	12169	45.1625	26.496	37.00	41.250	2516.683	61.462	-5.206	31.758	5.171	6.654	31.496	33.975	5.5316	1.12232	0.00016	45.1627	250.000
3.3806	12170	45.1627	26.496	37.00	41.250	2516.885	61.467	-5.206	31.758	5.171	6.654	31.496	33.975	5.5316	1.12221	0.00016	45.1628	250.000
3.3808	12171	45.1628	26.496	37.00	41.250	2517.087	61.472	-5.206	31.759	5.171	6.654	31.496	33.975	5.5316	1.12211	0.00016	45.1630	250.000
3.3811	12172	45.1630	26.496	37.00	41.250	2517.289	61.477	-5.206	31.759	5.171	6.654	31.496	33.975	5.5316	1.12201	0.00016	45.1631	250.000
3.3814	12173	45.1631	26.497	37.00	41.250	2517.491	61.482	-5.206	31.760	5.171	6.653	31.496	33.975	5.5316	1.12191	0.00016	45.1633	250.000
3.3817	12174	45.1633	26.497	37.00	41.250	2517.693	61.487	-5.206	31.761	5.171	6.653	31.496	33.975	5.5316	1.12181	0.00016	45.1635	250.000
3.3819	12175	45.1635	26.497	37.00	41.250	2517.895	61.492	-5.206	31.761	5.171	6.653	31.496	33.975	5.5316	1.12171	0.00016	45.1636	250.000
3.3822	12176	45.1636	26.497	37.00	41.250	2518.097	61.497	-5.206	31.762	5.171	6.653	31.496	33.975	5.5316	1.12161	0.00016	45.1638	250.000
3.3825	12177	45.1638	26.497	37.00	41.250	2518.299	61.502	-5.206	31.763	5.171	6.653	31.496	33.975	5.5316	1.12150	0.00016	45.1639	250.000
3.3828	12178	45.1639	26.497	37.00	41.250	2518.501	61.507	-5.206	31.763	5.171	6.653	31.496	33.975	5.5316	1.12140	0.00016	45.1641	250.000
3.3831	12179	45.1641	26.497	37.00	41.250	2518.703	61.512	-5.206	31.764	5.172	6.653	31.496	33.975	5.5316	1.12130	0.00016	45.1643	250.000
3.3833	12180	45.1643	26.498	37.00	41.250	2518.905	61.517	-5.206	31.764	5.172	6.653	31.496	33.975	5.5316	1.12120	0.00016	45.1644	250.000
3.3836	12181	45.1644	26.498	37.00	41.250	2519.107	61.522	-5.206	31.765	5.172	6.653	31.496	33.975	5.5316	1.12110	0.00016	45.1646	250.000
3.3839	12182	45.1646	26.498	37.00	41.250	2519.309	61.527	-5.206	31.766	5.172	6.653	31.496	33.975	5.5316	1.12100	0.00016	45.1647	250.000
3.3842	12183	45.1647	26.498	37.00	41.250	2519.511	61.532	-5.206	31.766	5.172	6.652	31.496	33.975	5.5316	1.12089	0.00016	45.1649	250.000
3.3844	12184	45.1649	26.498	37.00	41.250	2519.713	61.536	-5.206	31.767	5.172	6.652	31.496	33.975	5.5316	1.12079	0.00016	45.1651	250.000
3.3847	12185	45.1651	26.498	37.00	41.250	2519.915	61.541	-5.206	31.768	5.172	6.652	31.496	33.975	5.5316	1.12069	0.00016	45.1652	250.000
3.3850	12186	45.1652	26.499	37.00	41.250	2520.117	61.546	-5.206	31.768	5.172	6.652	31.496	33.975	5.5316	1.12059	0.00016	45.1654	250.000
3.3853	12187	45.1654	26.499	37.00	41.250	2520.319	61.551	-5.206	31.769	5.172	6.652	31.496	33.975	5.5316	1.12049	0.00016	45.1655	250.000
3.3856	12188	45.1655	26.499	37.00	41.250	2520.521	61.556	-5.206	31.769	5.172	6.652	31.496	33.975	5.5316	1.12039	0.00016	45.1657	250.000
3.3858	12189	45.1657	26.499	37.00	41.250	2520.723	61.561	-5.206	31.770	5.173	6.652	31.496	33.975	5.5316	1.12029	0.00016	45.1659	250.000
3.3861	12190	45.1659	26.499	37.00	41.250	2520.925	61.566	-5.206	31.771	5.173	6.652	31.496	33.975	5.5316	1.12019	0.00016	45.1660	250.000
3.3864	12191	45.1660	26.499	37.00	41.250	2521.127	61.571	-5.206	31.771	5.173	6.652	31.496	33.975	5.5316	1.12008	0.00016	45.1662	250.000
3.3867	12192	45.1662	26.500	37.00	41.250	2521.329	61.576	-5.206	31.772	5.173	6.652	31.496	33.975	5.5316	1.11998	0.00016	45.1663	250.000
3.3869	12193	45.1663	26.500	37.00	41.250	2521.532	61.581	-5.206	31.773	5.173	6.651	31.496	33.975	5.5316	1.11988	0.00016	45.1665	250.000
3.3872	12194	45.1665	26.500	37.00	41.250	2521.734	61.586	-5.206	31.773	5.173	6.651	31.496	33.975	5.5316	1.11978	0.00016	45.1667	250.000
3.3875	12195	45.1667	26.500	37.00	41.250	2521.936	61.591	-5.206	31.774	5.173	6.651	31.496	33.975	5.5316	1.11968	0.00016	45.1668	250.000
3.3878	12196	45.1668	26.500	37.00	41.250	2522.138	61.596	-5.206	31.774	5.173	6.651	31.496	33.975	5.5316	1.11958	0.00016	45.1670	250.000

3.3881	12197	45.1670	26.500	37.00	41.250	2522.340	61.601	-5.206	31.775	5.173	6.651	31.496	33.975	5.5316	1.11948	0.00016	45.1671	250.000
3.3883	12198	45.1671	26.501	37.00	41.250	2522.542	61.606	-5.206	31.776	5.174	6.651	31.496	33.975	5.5316	1.11937	0.00016	45.1673	250.000
3.3886	12199	45.1673	26.501	37.00	41.250	2522.744	61.610	-5.206	31.776	5.174	6.651	31.496	33.975	5.5316	1.11927	0.00016	45.1675	250.000
3.3889	12200	45.1675	26.501	37.00	41.250	2522.946	61.615	-5.206	31.777	5.174	6.651	31.496	33.975	5.5316	1.11917	0.00016	45.1676	250.000
3.3892	12201	45.1676	26.501	37.00	41.250	2523.148	61.620	-5.206	31.778	5.174	6.651	31.496	33.975	5.5316	1.11907	0.00016	45.1678	250.000
3.3894	12202	45.1678	26.501	37.00	41.250	2523.350	61.625	-5.206	31.778	5.174	6.651	31.496	33.975	5.5316	1.11897	0.00016	45.1679	250.000
3.3897	12203	45.1679	26.501	37.00	41.250	2523.552	61.630	-5.206	31.779	5.174	6.650	31.496	33.975	5.5316	1.11887	0.00016	45.1681	250.000
3.3900	12204	45.1681	26.501	37.00	41.250	2523.754	61.635	-5.206	31.779	5.174	6.650	31.496	33.975	5.5316	1.11877	0.00016	45.1683	250.000
3.3903	12205	45.1683	26.502	37.00	41.250	2523.956	61.640	-5.206	31.780	5.174	6.650	31.496	33.975	5.5316	1.11867	0.00016	45.1684	250.000
3.3906	12206	45.1684	26.502	37.00	41.250	2524.158	61.645	-5.206	31.781	5.174	6.650	31.496	33.975	5.5316	1.11856	0.00016	45.1686	250.000
3.3908	12207	45.1686	26.502	37.00	41.250	2524.360	61.650	-5.206	31.781	5.174	6.650	31.496	33.975	5.5316	1.11846	0.00016	45.1687	250.000
3.3911	12208	45.1687	26.502	37.00	41.250	2524.562	61.655	-5.206	31.782	5.175	6.650	31.496	33.975	5.5316	1.11836	0.00016	45.1689	250.000
3.3914	12209	45.1689	26.502	37.00	41.250	2524.764	61.660	-5.206	31.782	5.175	6.650	31.496	33.975	5.5316	1.11826	0.00016	45.1691	250.000
3.3917	12210	45.1691	26.502	37.00	41.250	2524.966	61.665	-5.206	31.783	5.175	6.650	31.496	33.975	5.5316	1.11816	0.00016	45.1692	250.000
3.3919	12211	45.1692	26.503	37.00	41.250	2525.168	61.670	-5.206	31.784	5.175	6.650	31.496	33.975	5.5316	1.11806	0.00016	45.1694	250.000
3.3922	12212	45.1694	26.503	37.00	41.250	2525.370	61.675	-5.206	31.784	5.175	6.650	31.496	33.975	5.5316	1.11796	0.00016	45.1695	250.000
3.3925	12213	45.1695	26.503	37.00	41.250	2525.572	61.680	-5.206	31.785	5.175	6.649	31.496	33.975	5.5316	1.11786	0.00016	45.1697	250.000
3.3928	12214	45.1697	26.503	37.00	41.250	2525.774	61.684	-5.206	31.786	5.175	6.649	31.496	33.975	5.5316	1.11775	0.00016	45.1699	250.000
3.3931	12215	45.1699	26.503	37.00	41.250	2525.976	61.689	-5.206	31.786	5.175	6.649	31.496	33.975	5.5316	1.11765	0.00016	45.1700	250.000
3.3933	12216	45.1700	26.503	37.00	41.250	2526.178	61.694	-5.206	31.787	5.175	6.649	31.496	33.975	5.5316	1.11755	0.00016	45.1702	250.000
3.3936	12217	45.1702	26.504	37.00	41.250	2526.380	61.699	-5.206	31.787	5.175	6.649	31.496	33.975	5.5316	1.11745	0.00016	45.1703	250.000
3.3939	12218	45.1703	26.504	37.00	41.250	2526.582	61.704	-5.206	31.788	5.176	6.649	31.496	33.975	5.5316	1.11735	0.00016	45.1705	250.000
3.3942	12219	45.1705	26.504	37.00	41.250	2526.784	61.709	-5.206	31.789	5.176	6.649	31.496	33.975	5.5316	1.11725	0.00016	45.1707	250.000
3.3944	12220	45.1707	26.504	37.00	41.250	2526.986	61.714	-5.206	31.789	5.176	6.649	31.496	33.975	5.5316	1.11715	0.00016	45.1708	250.000
3.3947	12221	45.1708	26.504	37.00	41.250	2527.188	61.719	-5.206	31.790	5.176	6.649	31.496	33.975	5.5316	1.11705	0.00016	45.1710	250.000
3.3950	12222	45.1710	26.504	37.00	41.250	2527.390	61.724	-5.206	31.791	5.176	6.648	31.496	33.975	5.5316	1.11695	0.00016	45.1711	250.000
3.3953	12223	45.1711	26.505	37.00	41.250	2527.592	61.729	-5.206	31.791	5.176	6.648	31.496	33.975	5.5316	1.11684	0.00016	45.1713	250.000
3.3956	12224	45.1713	26.505	37.00	41.250	2527.794	61.734	-5.206	31.792	5.176	6.648	31.496	33.975	5.5316	1.11674	0.00016	45.1714	250.000
3.3958	12225	45.1714	26.505	37.00	41.250	2527.996	61.739	-5.206	31.792	5.176	6.648	31.496	33.975	5.5316	1.11664	0.00016	45.1716	250.000
3.3961	12226	45.1716	26.505	37.00	41.250	2528.198	61.744	-5.206	31.793	5.176	6.648	31.496	33.975	5.5316	1.11654	0.00016	45.1718	250.000
3.3964	12227	45.1718	26.505	37.00	41.250	2528.401	61.749	-5.206	31.794	5.176	6.648	31.496	33.975	5.5316	1.11644	0.00016	45.1719	250.000
3.3967	12228	45.1719	26.505	37.00	41.250	2528.603	61.754	-5.206	31.794	5.177	6.648	31.496	33.975	5.5316	1.11634	0.00016	45.1721	250.000
3.3969	12229	45.1721	26.505	37.00	41.250	2528.805	61.758	-5.206	31.795	5.177	6.648	31.496	33.975	5.5316	1.11624	0.00016	45.1722	250.000
3.3972	12230	45.1722	26.506	37.00	41.250	2529.007	61.763	-5.206	31.796	5.177	6.648	31.496	33.975	5.5316	1.11614	0.00016	45.1724	250.000
3.3975	12231	45.1724	26.506	37.00	41.250	2529.209	61.768	-5.206	31.796	5.177	6.648	31.496	33.975	5.5316	1.11604	0.00016	45.1726	250.000
3.3978	12232	45.1726	26.506	37.00	41.250	2529.411	61.773	-5.206	31.797	5.177	6.647	31.496	33.975	5.5316	1.11594	0.00016	45.1727	250.000
3.3981	12233	45.1727	26.506	37.00	41.250	2529.613	61.778	-5.206	31.797	5.177	6.647	31.496	33.975	5.5316	1.11583	0.00016	45.1729	250.000
3.3983	12234	45.1729	26.506	37.00	41.250	2529.815	61.783	-5.206	31.798	5.177	6.647	31.496	33.975	5.5316	1.11573	0.00016	45.1730	250.000
3.3986	12235	45.1730	26.506	37.00	41.250	2530.017	61.788	-5.206	31.799	5.177	6.647	31.496	33.975	5.5316	1.11563	0.00016	45.1732	250.000
3.3989	12236	45.1732	26.507	37.00	41.250	2530.219	61.793	-5.206	31.799	5.177	6.647	31.496	33.975	5.5316	1.11553	0.00016	45.1734	250.000
3.3992	12237	45.1734	26.507	37.00	41.250	2530.421	61.798	-5.206	31.800	5.177	6.647	31.496	33.975	5.5316	1.11543	0.00016	45.1735	250.000
3.3994	12238	45.1735	26.507	37.00	41.250	2530.623	61.803	-5.206	31.800	5.178	6.647	31.496	33.975	5.5316	1.11533	0.00016	45.1737	250.000
3.3997	12239	45.1737	26.507	37.00	41.250	2530.825	61.808	-5.206	31.801	5.178	6.647	31.496	33.975	5.5316	1.11523	0.00016	45.1738	250.000
3.4000	12240	45.1738	26.507	37.00	41.250	2531.027	61.813	-5.206	31.802	5.178	6.647	31.496	33.975	5.5316	1.11513	0.00016	45.1740	250.000
3.4003	12241	45.1740	26.507	37.00	41.250	2531.229	61.818	-5.206	31.802	5.178	6.647	31.496	33.975	5.5316	1.11503	0.00016	45.1742	250.000
3.4006	12242	45.1742	26.508	37.00	41.250	2531.431	61.823	-5.206	31.803	5.178	6.646	31.496	33.975	5.5316	1.11493	0.00016	45.1743	250.000
3.4008	12243	45.1743	26.508	37.00	41.250	2531.633	61.828	-5.206	31.804	5.178	6.646	31.496	33.975	5.5316	1.11483	0.00016	45.1745	250.000
3.4011	12244	45.1745	26.508	37.00	41.250	2531.835	61.832	-5.206	31.804	5.178	6.646	31.496	33.975	5.5316	1.11472	0.00016	45.1746	250.000
3.4014	12245	45.1746	26.508	37.00	41.250	2532.037	61.837	-5.206	31.805	5.178	6.646	31.496	33.975	5.5316	1.11462	0.00016	45.1748	250.000
3.4017	12246	45.1748	26.508	37.00	41.250	2532.239	61.842	-5.206	31.805	5.178	6.646	31.496	33.975	5.5316	1.11452	0.00016	45.1750	250.000
3.4019	12247	45.1750	26.508	37.00	41.250	2532.441	61.847	-5.206	31.806	5.178	6.646	31.496	33.975	5.5316	1.11442	0.00016	45.1751	250.000
3.4022	12248	45.1751	26.509	37.00	41.250	2532.643	61.852	-5.206	31.807	5.179	6.646	31.496	33.975	5.5316	1.11432	0.00016	45.1753	250.000
3.4025	12249	45.1753	26.509	37.00	41.250	2532.845	61.857	-5.206	31.807	5.179	6.646	31.496	33.975	5.5316	1.11422	0.00016	45.1754	250.000
3.4028	12250	45.1754	26.509	37.00	41.250	2533.047	61.862	-5.206	31.808	5.179	6.646	31.496	33.975	5.5316	1.11412	0.00016	45.1756	250.000
3.4031	12251	45.1756	26.509	37.00	41.250	2533.249	61.867	-5.206	31.809	5.179	6.646	31.496	33.975	5.5316	1.11402	0.00016	45.1758	250.000
3.4033	12252	45.1758	26.509	37.00	41.250	2533.451	61.872	-5.206	31.809	5.179	6.645	31.496	33.975	5.5316	1.11392	0.00016	45.1759	250.000
3.4036	12253	45.1759	26.509	37.00	41.250	2533.653	61.877	-5.206	31.810	5.179	6.645	31.496	33.975	5.5316	1.11382	0.00016	45.1761	250.000
3.4039	12254	45.1761	26.509	37.00	41.250	2533.855	61.882	-5.206	31.810	5.179	6.645	31.496	33.975	5.5316	1.11372	0.00016	45.1762	250.000
3.4042	12255	45.1762	26.510	37.00	41.250	2534.057	61.887	-5.206	31.811	5.179	6.645	31.496	33.975	5.5316	1.11362	0.00016	45.1764	250.000
3.4044	12256	45.1764	26.510	37.00	41.250	2534.259	61.892	-5.206	31.812	5.179	6.645	31.496	33.975	5.5316	1.11351	0.00016	45.1765	250.000
3.4047	12257	45.1765	26.510	37.00	41.250	2534.461	61.897	-5.206	31.812	5.179	6.645	31.496	33.975	5.5316	1.11341	0.00016	45.1767	250.000
3.4050	12258	45.1767	26.510	37.00	41.250	2534.663	61.902	-5.206	31.813	5.180	6.645	31.496	33.975	5.5316	1.11331	0.00016	45.1769	250.000
3.4053	12259	45.1769	26.510	37.00	41.250	2534.865	61.907	-5.206	31.813	5.180	6.645	31.496	33.975	5.5316	1.11321	0.00016	45.1770	250.000
3.4056	12260	45.1770	26.510	37.00	41.250	2535.068	61.911	-5.206	31.814	5.180	6.645	31.496	33.975	5.5316	1.11311	0.00016	45.1772	250.000
3.4058	12261	45.1772	26.511	37.00	41.250	2535.270	61.916	-5.206	31.815	5.180	6.645	31.496	33.975	5.5316	1.11301	0.00016	45.1773	250.000
3.4061	12262	45.1773	26.511	37.00	41.250	2535.472	61.921	-5.206	31.815	5.180	6.644	31.496	33.975	5.5316	1.11291	0.00016	45.1775	250.000
3.4064	12263	45.1775	26.511	37.00	41.250	2535.674	61.926	-5.206	31.816	5.180	6.644	31.496	33.975	5.5316	1.11281	0.00016	45.1777	250.000
3.4067	12264	45.1777	26.511	37.00	41.250	2535.876	61.931	-5.206	31.817	5.180	6.644	31.496	33.975	5.5316	1.11271	0.00016	45.1778	250.000
3.4069	12265	45.1778	26.511	37.00	41.250	2536.078	61.936	-5.206	31.817	5.180	6.644	31.496	33.975	5.5316	1.11261	0.00016	45.1780	250.000
3.4072	12266	45.1780	26.511	37.00	41.250	2536.280	61.941	-5.206	31.818	5.180	6.644	31.496	33.975	5.5316	1.11251	0.00016	45.1781	250.000
3.4075	12267	45.1781	26.512	37.00	41.250	2536.482	61.946	-5.206	31.818	5.180	6.644	31.496	33.975	5.5316	1.11241	0.00016	45.1783	250.000
3.4078	12268	45.1783	26.512	37.00	41.250	2536.684	61.951	-5.206	31.819	5.181	6.644	31.496	33.975	5.5316	1.11231	0.00016	45.1785	250.000
3.4081	12269	45.1785	26.512	37.00	41.250	2536.886	61.956	-5.206	31.820	5.181	6.644	31.496	33.975	5.5316	1.11221	0.00016	45.1786	250.000
3.4083	12270	45.1786	26.512	37.00	41.250	2537.088	61.961	-5.206	31.820	5.181	6.644	31.496	33.975	5.5316	1.11210	0.00016	45.1788	250.000
3.4086	12271	45.1788	26.512	37.00	41.250	2537.290	61.966	-5.206	31.821	5.181	6.644	31.496	33.975	5.5316	1.11200	0.00016	45.1789	250.000
3.4089	12272	45.1789	26.512	37.00	41.250	2537.492	61.971	-5.206	31.822	5.181	6.643	31.496	33.975	5.5316	1.11190	0.00016	45.1791	250.000
3.4092	12273	45.1791	26.512	37.00	41.250	2537.694	61.976	-5.206	31.822	5.181	6.643	31.496	33.975	5.5316	1.11180	0.00016	45.1792	250.000
3.4094	12274	45.1792	26.513	37.00	41.250	2537.896	61.981	-5.206	31.823	5.181	6.643	31.496	33.975	5.5316	1.11170	0.00016	45.1794	250.000
3.4097	12275	45.1794	26.513	37.00	41.250	2538.098	61.985	-5.206	31.823	5.181	6.643	31.496	33.975	5.5316	1.11160	0.00016	45.1796	250.000
3.4100	12276	45.1796	26.513	37.00	41.250	2538.300	61.990	-5.206	31.824	5.181	6.643	31.496	33.975	5.5316	1.11150	0.00016	45.1797	250.000
3.4103	12277	45.1797	26.513	37.00	41.250	2538.502	61.995	-5.206	31.825	5.181	6.643	31.496	33.975	5.5316	1.11140	0.00016	45.1799	250.000

3.4106	12278	45.1799	26.513	37.00	41.250	2538.704	62.000	-5.206	31.825	5.182	6.643	31.496	33.975	5.5316	1.11130	0.00016	45.1800	250.000
3.4108	12279	45.1800	26.513	37.00	41.250	2538.906	62.005	-5.206	31.826	5.182	6.643	31.496	33.975	5.5316	1.11120	0.00016	45.1802	250.000
3.4111	12280	45.1802	26.514	37.00	41.250	2539.108	62.010	-5.206	31.826	5.182	6.643	31.496	33.975	5.5316	1.11110	0.00016	45.1804	250.000
3.4114	12281	45.1804	26.514	37.00	41.250	2539.310	62.015	-5.206	31.827	5.182	6.643	31.496	33.975	5.5316	1.11100	0.00016	45.1805	250.000
3.4117	12282	45.1805	26.514	37.00	41.250	2539.512	62.020	-5.206	31.828	5.182	6.642	31.496	33.975	5.5316	1.11090	0.00016	45.1807	250.000
3.4119	12283	45.1807	26.514	37.00	41.250	2539.714	62.025	-5.206	31.828	5.182	6.642	31.496	33.975	5.5316	1.11080	0.00016	45.1808	250.000
3.4122	12284	45.1808	26.514	37.00	41.250	2539.916	62.030	-5.206	31.829	5.182	6.642	31.496	33.975	5.5316	1.11070	0.00016	45.1810	250.000
3.4125	12285	45.1810	26.514	37.00	41.250	2540.118	62.035	-5.206	31.830	5.182	6.642	31.496	33.975	5.5316	1.11060	0.00016	45.1812	250.000
3.4128	12286	45.1812	26.515	37.00	41.250	2540.320	62.040	-5.206	31.830	5.182	6.642	31.496	33.975	5.5316	1.11050	0.00016	45.1813	250.000
3.4131	12287	45.1813	26.515	37.00	41.250	2540.522	62.045	-5.206	31.831	5.182	6.642	31.496	33.975	5.5316	1.11039	0.00016	45.1815	250.000
3.4133	12288	45.1815	26.515	37.00	41.250	2540.724	62.050	-5.206	31.831	5.183	6.642	31.496	33.975	5.5316	1.11029	0.00016	45.1816	250.000
3.4136	12289	45.1816	26.515	37.00	41.250	2540.926	62.055	-5.206	31.832	5.183	6.642	31.496	33.975	5.5316	1.11019	0.00016	45.1818	250.000
3.4139	12290	45.1818	26.515	37.00	41.250	2541.128	62.059	-5.206	31.833	5.183	6.642	31.496	33.975	5.5316	1.11009	0.00016	45.1819	250.000
3.4142	12291	45.1819	26.515	37.00	41.250	2541.330	62.064	-5.206	31.833	5.183	6.642	31.496	33.975	5.5316	1.10999	0.00016	45.1821	250.000
3.4144	12292	45.1821	26.515	37.00	41.250	2541.532	62.069	-5.206	31.834	5.183	6.641	31.496	33.975	5.5316	1.10989	0.00016	45.1823	250.000
3.4147	12293	45.1823	26.516	37.00	41.250	2541.735	62.074	-5.206	31.835	5.183	6.641	31.496	33.975	5.5316	1.10979	0.00016	45.1824	250.000
3.4150	12294	45.1824	26.516	37.00	41.250	2541.937	62.079	-5.206	31.835	5.183	6.641	31.496	33.975	5.5316	1.10969	0.00016	45.1826	250.000
3.4153	12295	45.1826	26.516	37.00	41.250	2542.139	62.084	-5.206	31.836	5.183	6.641	31.496	33.975	5.5316	1.10959	0.00016	45.1827	250.000
3.4156	12296	45.1827	26.516	37.00	41.250	2542.341	62.089	-5.206	31.836	5.183	6.641	31.496	33.975	5.5316	1.10949	0.00016	45.1829	250.000
3.4158	12297	45.1829	26.516	37.00	41.250	2542.543	62.094	-5.206	31.837	5.183	6.641	31.496	33.975	5.5316	1.10939	0.00016	45.1831	250.000
3.4161	12298	45.1831	26.516	37.00	41.250	2542.745	62.099	-5.206	31.838	5.184	6.641	31.496	33.975	5.5316	1.10929	0.00016	45.1832	250.000
3.4164	12299	45.1832	26.517	37.00	41.250	2542.947	62.104	-5.206	31.838	5.184	6.641	31.496	33.975	5.5316	1.10919	0.00016	45.1834	250.000
3.4167	12300	45.1834	26.517	37.00	41.250	2543.149	62.109	-5.206	31.839	5.184	6.641	31.496	33.975	5.5316	1.10909	0.00016	45.1835	250.000
3.4169	12301	45.1835	26.517	37.00	41.250	2543.351	62.114	-5.206	31.839	5.184	6.641	31.496	33.975	5.5316	1.10899	0.00016	45.1837	250.000
3.4172	12302	45.1837	26.517	37.00	41.250	2543.553	62.119	-5.206	31.840	5.184	6.640	31.496	33.975	5.5316	1.10889	0.00016	45.1838	250.000
3.4175	12303	45.1838	26.517	37.00	41.250	2543.755	62.124	-5.206	31.841	5.184	6.640	31.496	33.975	5.5316	1.10879	0.00016	45.1840	250.000
3.4178	12304	45.1840	26.517	37.00	41.250	2543.957	62.129	-5.206	31.841	5.184	6.640	31.496	33.975	5.5316	1.10869	0.00016	45.1842	250.000
3.4181	12305	45.1842	26.518	37.00	41.250	2544.159	62.133	-5.206	31.842	5.184	6.640	31.496	33.975	5.5316	1.10859	0.00016	45.1843	250.000
3.4183	12306	45.1843	26.518	37.00	41.250	2544.361	62.138	-5.206	31.843	5.184	6.640	31.496	33.975	5.5316	1.10849	0.00016	45.1845	250.000
3.4186	12307	45.1845	26.518	37.00	41.250	2544.563	62.143	-5.206	31.843	5.184	6.640	31.496	33.975	5.5316	1.10839	0.00016	45.1846	250.000
3.4189	12308	45.1846	26.518	37.00	41.250	2544.765	62.148	-5.206	31.844	5.185	6.640	31.496	33.975	5.5316	1.10829	0.00016	45.1848	250.000
3.4192	12309	45.1848	26.518	37.00	41.250	2544.967	62.153	-5.206	31.844	5.185	6.640	31.496	33.975	5.5316	1.10819	0.00016	45.1850	250.000
3.4194	12310	45.1850	26.518	37.00	41.250	2545.169	62.158	-5.206	31.845	5.185	6.640	31.496	33.975	5.5316	1.10809	0.00016	45.1851	250.000
3.4197	12311	45.1851	26.519	37.00	41.250	2545.371	62.163	-5.206	31.846	5.185	6.640	31.496	33.975	5.5316	1.10799	0.00016	45.1853	250.000
3.4200	12312	45.1853	26.519	37.00	41.250	2545.573	62.168	-5.206	31.846	5.185	6.639	31.496	33.975	5.5316	1.10789	0.00016	45.1854	250.000
3.4203	12313	45.1854	26.519	37.00	41.250	2545.775	62.173	-5.206	31.847	5.185	6.639	31.496	33.975	5.5316	1.10779	0.00016	45.1856	250.000
3.4206	12314	45.1856	26.519	37.00	41.250	2545.977	62.178	-5.206	31.847	5.185	6.639	31.496	33.975	5.5316	1.10769	0.00016	45.1857	250.000
3.4208	12315	45.1857	26.519	37.00	41.250	2546.179	62.183	-5.206	31.848	5.185	6.639	31.496	33.975	5.5316	1.10758	0.00016	45.1859	250.000
3.4211	12316	45.1859	26.519	37.00	41.250	2546.381	62.188	-5.206	31.849	5.185	6.639	31.496	33.975	5.5316	1.10748	0.00016	45.1861	250.000
3.4214	12317	45.1861	26.519	37.00	41.250	2546.583	62.193	-5.206	31.849	5.185	6.639	31.496	33.975	5.5316	1.10738	0.00016	45.1862	250.000
3.4217	12318	45.1862	26.520	37.00	41.250	2546.785	62.198	-5.206	31.850	5.186	6.639	31.496	33.975	5.5316	1.10728	0.00016	45.1864	250.000
3.4219	12319	45.1864	26.520	37.00	41.250	2546.987	62.203	-5.206	31.851	5.186	6.639	31.496	33.975	5.5316	1.10718	0.00016	45.1865	250.000
3.4222	12320	45.1865	26.520	37.00	41.250	2547.189	62.207	-5.206	31.851	5.186	6.639	31.496	33.975	5.5316	1.10708	0.00016	45.1867	250.000
3.4225	12321	45.1867	26.520	37.00	41.250	2547.391	62.212	-5.206	31.852	5.186	6.639	31.496	33.975	5.5316	1.10698	0.00016	45.1869	250.000
3.4228	12322	45.1869	26.520	37.00	41.250	2547.593	62.217	-5.206	31.852	5.186	6.638	31.496	33.975	5.5316	1.10688	0.00016	45.1870	250.000
3.4231	12323	45.1870	26.520	37.00	41.250	2547.795	62.222	-5.206	31.853	5.186	6.638	31.496	33.975	5.5316	1.10678	0.00016	45.1872	250.000
3.4233	12324	45.1872	26.521	37.00	41.250	2547.997	62.227	-5.206	31.854	5.186	6.638	31.496	33.975	5.5316	1.10668	0.00016	45.1873	250.000
3.4236	12325	45.1873	26.521	37.00	41.250	2548.199	62.232	-5.206	31.854	5.186	6.638	31.496	33.975	5.5316	1.10658	0.00016	45.1875	250.000
3.4239	12326	45.1875	26.521	37.00	41.250	2548.401	62.237	-5.206	31.855	5.186	6.638	31.496	33.975	5.5316	1.10648	0.00016	45.1876	250.000
3.4242	12327	45.1876	26.521	37.00	41.250	2548.604	62.242	-5.206	31.855	5.186	6.638	31.496	33.975	5.5316	1.10638	0.00016	45.1878	250.000
3.4244	12328	45.1878	26.521	37.00	41.250	2548.806	62.247	-5.206	31.856	5.187	6.638	31.496	33.975	5.5316	1.10628	0.00016	45.1880	250.000
3.4247	12329	45.1880	26.521	37.00	41.250	2549.008	62.252	-5.206	31.857	5.187	6.638	31.496	33.975	5.5316	1.10618	0.00016	45.1881	250.000
3.4250	12330	45.1881	26.522	37.00	41.250	2549.210	62.257	-5.206	31.857	5.187	6.638	31.496	33.975	5.5316	1.10608	0.00016	45.1883	250.000
3.4253	12331	45.1883	26.522	37.00	41.250	2549.412	62.262	-5.206	31.858	5.187	6.638	31.496	33.975	5.5316	1.10598	0.00016	45.1884	250.000
3.4256	12332	45.1884	26.522	37.00	41.250	2549.614	62.267	-5.206	31.859	5.187	6.637	31.496	33.975	5.5316	1.10588	0.00016	45.1886	250.000
3.4258	12333	45.1886	26.522	37.00	41.250	2549.816	62.272	-5.206	31.859	5.187	6.637	31.496	33.975	5.5316	1.10578	0.00016	45.1888	250.000
3.4261	12334	45.1888	26.522	37.00	41.250	2550.018	62.277	-5.206	31.860	5.187	6.637	31.496	33.975	5.5316	1.10568	0.00016	45.1889	250.000
3.4264	12335	45.1889	26.522	37.00	41.250	2550.220	62.281	-5.206	31.860	5.187	6.637	31.496	33.975	5.5316	1.10558	0.00016	45.1891	250.000
3.4267	12336	45.1891	26.522	37.00	41.250	2550.422	62.286	-5.206	31.861	5.187	6.637	31.496	33.975	5.5316	1.10548	0.00016	45.1892	250.000
3.4269	12337	45.1892	26.523	37.00	41.250	2550.624	62.291	-5.206	31.862	5.187	6.637	31.496	33.975	5.5316	1.10538	0.00016	45.1894	250.000
3.4272	12338	45.1894	26.523	37.00	41.250	2550.826	62.296	-5.206	31.862	5.188	6.637	31.496	33.975	5.5316	1.10528	0.00016	45.1895	250.000
3.4275	12339	45.1895	26.523	37.00	41.250	2551.028	62.301	-5.206	31.863	5.188	6.637	31.496	33.975	5.5316	1.10518	0.00016	45.1897	250.000
3.4278	12340	45.1897	26.523	37.00	41.250	2551.230	62.306	-5.206	31.863	5.188	6.637	31.496	33.975	5.5316	1.10508	0.00016	45.1899	250.000
3.4281	12341	45.1899	26.523	37.00	41.250	2551.432	62.311	-5.206	31.864	5.188	6.637	31.496	33.975	5.5316	1.10498	0.00016	45.1900	250.000
3.4283	12342	45.1900	26.523	37.00	41.250	2551.634	62.316	-5.206	31.865	5.188	6.636	31.496	33.975	5.5316	1.10488	0.00016	45.1902	250.000
3.4286	12343	45.1902	26.524	37.00	41.250	2551.836	62.321	-5.206	31.865	5.188	6.636	31.496	33.975	5.5316	1.10478	0.00016	45.1903	250.000
3.4289	12344	45.1903	26.524	37.00	41.250	2552.038	62.326	-5.206	31.866	5.188	6.636	31.496	33.975	5.5316	1.10468	0.00016	45.1905	250.000
3.4292	12345	45.1905	26.524	37.00	41.250	2552.240	62.331	-5.206	31.867	5.188	6.636	31.496	33.975	5.5316	1.10458	0.00016	45.1906	250.000
3.4294	12346	45.1906	26.524	37.00	41.250	2552.442	62.336	-5.206	31.867	5.188	6.636	31.496	33.975	5.5316	1.10448	0.00016	45.1908	250.000
3.4297	12347	45.1908	26.524	37.00	41.250	2552.644	62.341	-5.206	31.868	5.188	6.636	31.496	33.975	5.5316	1.10438	0.00016	45.1910	250.000
3.4300	12348	45.1910	26.524	37.00	41.250	2552.846	62.346	-5.206	31.868	5.189	6.636	31.496	33.975	5.5316	1.10428	0.00016	45.1911	250.000
3.4303	12349	45.1911	26.525	37.00	41.250	2553.048	62.351	-5.206	31.869	5.189	6.636	31.496	33.975	5.5316	1.10418	0.00016	45.1913	250.000
3.4306	12350	45.1913	26.525	37.00	41.250	2553.250	62.355	-5.206	31.870	5.189	6.636	31.496	33.975	5.5316	1.10408	0.00016	45.1914	250.000
3.4308	12351	45.1914	26.525	37.00	41.250	2553.452	62.360	-5.206	31.870	5.189	6.636	31.496	33.975	5.5316	1.10398	0.00016	45.1916	250.000
3.4311	12352	45.1916	26.525	37.00	41.250	2553.654	62.365	-5.206	31.871	5.189	6.635	31.496	33.975	5.5316	1.10388	0.00016	45.1918	250.000
3.4314	12353	45.1918	26.525	37.00	41.250	2553.856	62.370	-5.206	31.871	5.189	6.635	31.496	33.975	5.5316	1.10378	0.00016	45.1919	250.000
3.4317	12354	45.1919	26.525	37.00	41.250	2554.058	62.375	-5.206	31.872	5.189	6.635	31.496	33.975	5.5316	1.10368	0.00016	45.1921	250.000
3.4319	12355	45.1921	26.525	37.00	41.250	2554.260	62.380	-5.206	31.873	5.189	6.635	31.496	33.975	5.5316	1.10358	0.00016	45.1922	250.000
3.4322	12356	45.1922	26.526	37.00	41.250	2554.462	62.385	-5.206	31.873	5.189	6.635	31.496	33.975	5.5316	1.10348	0.00016	45.1924	250.000
3.4325	12357	45.1924	26.526	37.00	41.250	2554.664	62.390	-5.206	31.874	5.189	6.635	31.496	33.975	5.5316	1.10338	0.00016	45.1925	250.000
3.4328	12358	45.1925	26.526	37.00	41.250	2554.866	62.395	-5.206	31.874	5.190	6.635	31.496	33.975	5.5316	1.10328	0.00016	45.1927	250.000

3.4331	12359	45.1927	26.526	37.00	41.250	2555.068	62.400	-5.206	31.875	5.190	6.635	31.496	33.975	5.5316	1.10318	0.00016	45.1929	250.000
3.4333	12360	45.1929	26.526	37.00	41.250	2555.271	62.405	-5.206	31.876	5.190	6.635	31.496	33.975	5.5316	1.10308	0.00016	45.1930	250.000
3.4336	12361	45.1930	26.526	37.00	41.250	2555.473	62.410	-5.206	31.876	5.190	6.635	31.496	33.975	5.5316	1.10298	0.00016	45.1932	250.000
3.4339	12362	45.1932	26.527	37.00	41.250	2555.675	62.415	-5.206	31.877	5.190	6.634	31.496	33.975	5.5316	1.10288	0.00016	45.1933	250.000
3.4342	12363	45.1933	26.527	37.00	41.250	2555.877	62.420	-5.206	31.878	5.190	6.634	31.496	33.975	5.5316	1.10278	0.00016	45.1935	250.000
3.4344	12364	45.1935	26.527	37.00	41.250	2556.079	62.425	-5.206	31.878	5.190	6.634	31.496	33.975	5.5316	1.10268	0.00016	45.1936	250.000
3.4347	12365	45.1936	26.527	37.00	41.250	2556.281	62.430	-5.206	31.879	5.190	6.634	31.496	33.975	5.5316	1.10258	0.00016	45.1938	250.000
3.4350	12366	45.1938	26.527	37.00	41.250	2556.483	62.434	-5.206	31.879	5.190	6.634	31.496	33.975	5.5316	1.10248	0.00016	45.1940	250.000
3.4353	12367	45.1940	26.527	37.00	41.250	2556.685	62.439	-5.206	31.880	5.190	6.634	31.496	33.975	5.5316	1.10238	0.00016	45.1941	250.000
3.4356	12368	45.1941	26.528	37.00	41.250	2556.887	62.444	-5.206	31.881	5.191	6.634	31.496	33.975	5.5316	1.10229	0.00016	45.1943	250.000
3.4358	12369	45.1943	26.528	37.00	41.250	2557.089	62.449	-5.206	31.881	5.191	6.634	31.496	33.975	5.5316	1.10219	0.00016	45.1944	250.000
3.4361	12370	45.1944	26.528	37.00	41.250	2557.291	62.454	-5.206	31.882	5.191	6.634	31.496	33.975	5.5316	1.10209	0.00016	45.1946	250.000
3.4364	12371	45.1946	26.528	37.00	41.250	2557.493	62.459	-5.206	31.882	5.191	6.634	31.496	33.975	5.5316	1.10199	0.00016	45.1947	250.000
3.4367	12372	45.1947	26.528	37.00	41.250	2557.695	62.464	-5.206	31.883	5.191	6.633	31.496	33.975	5.5316	1.10189	0.00016	45.1949	250.000
3.4369	12373	45.1949	26.528	37.00	41.250	2557.897	62.469	-5.206	31.884	5.191	6.633	31.496	33.975	5.5316	1.10179	0.00016	45.1951	250.000
3.4372	12374	45.1951	26.528	37.00	41.250	2558.099	62.474	-5.206	31.884	5.191	6.633	31.496	33.975	5.5316	1.10169	0.00016	45.1952	250.000
3.4375	12375	45.1952	26.529	37.00	41.250	2558.301	62.479	-5.206	31.885	5.191	6.633	31.496	33.975	5.5316	1.10159	0.00016	45.1954	250.000
3.4378	12376	45.1954	26.529	37.00	41.250	2558.503	62.484	-5.206	31.886	5.191	6.633	31.496	33.975	5.5316	1.10149	0.00016	45.1955	250.000
3.4381	12377	45.1955	26.529	37.00	41.250	2558.705	62.489	-5.206	31.886	5.191	6.633	31.496	33.975	5.5316	1.10139	0.00016	45.1957	250.000
3.4383	12378	45.1957	26.529	37.00	41.250	2558.907	62.494	-5.206	31.887	5.192	6.633	31.496	33.975	5.5316	1.10129	0.00016	45.1958	250.000
3.4386	12379	45.1958	26.529	37.00	41.250	2559.109	62.499	-5.206	31.887	5.192	6.633	31.496	33.975	5.5316	1.10119	0.00016	45.1960	250.000
3.4389	12380	45.1960	26.529	37.00	41.250	2559.311	62.504	-5.206	31.888	5.192	6.633	31.496	33.975	5.5316	1.10109	0.00016	45.1962	250.000
3.4392	12381	45.1962	26.530	37.00	41.250	2559.513	62.508	-5.206	31.889	5.192	6.633	31.496	33.975	5.5316	1.10099	0.00016	45.1963	250.000
3.4394	12382	45.1963	26.530	37.00	41.250	2559.715	62.513	-5.206	31.889	5.192	6.632	31.496	33.975	5.5316	1.10089	0.00016	45.1965	250.000
3.4397	12383	45.1965	26.530	37.00	41.250	2559.917	62.518	-5.206	31.890	5.192	6.632	31.496	33.975	5.5316	1.10079	0.00016	45.1966	250.000
3.4400	12384	45.1966	26.530	37.00	41.250	2560.119	62.523	-5.206	31.890	5.192	6.632	31.496	33.975	5.5316	1.10069	0.00016	45.1968	250.000
3.4403	12385	45.1968	26.530	37.00	41.250	2560.321	62.528	-5.206	31.891	5.192	6.632	31.496	33.975	5.5316	1.10059	0.00016	45.1969	250.000
3.4406	12386	45.1969	26.530	37.00	41.250	2560.523	62.533	-5.206	31.892	5.192	6.632	31.496	33.975	5.5316	1.10049	0.00016	45.1971	250.000
3.4408	12387	45.1971	26.530	37.00	41.250	2560.725	62.538	-5.206	31.892	5.192	6.632	31.496	33.975	5.5316	1.10039	0.00016	45.1973	250.000
3.4411	12388	45.1973	26.531	37.00	41.250	2560.927	62.543	-5.206	31.893	5.193	6.632	31.496	33.975	5.5316	1.10029	0.00016	45.1974	250.000
3.4414	12389	45.1974	26.531	37.00	41.250	2561.129	62.548	-5.206	31.893	5.193	6.632	31.496	33.975	5.5316	1.10019	0.00016	45.1976	250.000
3.4417	12390	45.1976	26.531	37.00	41.250	2561.331	62.553	-5.206	31.894	5.193	6.632	31.496	33.975	5.5316	1.10009	0.00016	45.1977	250.000
3.4419	12391	45.1977	26.531	37.00	41.250	2561.533	62.558	-5.206	31.895	5.193	6.632	31.496	33.975	5.5316	1.09999	0.00016	45.1979	250.000
3.4422	12392	45.1979	26.531	37.00	41.250	2561.735	62.563	-5.206	31.895	5.193	6.631	31.496	33.975	5.5316	1.09989	0.00016	45.1980	250.000
3.4425	12393	45.1980	26.531	37.00	41.250	2561.937	62.568	-5.206	31.896	5.193	6.631	31.496	33.975	5.5316	1.09979	0.00016	45.1982	250.000
3.4428	12394	45.1982	26.532	37.00	41.250	2562.140	62.573	-5.206	31.897	5.193	6.631	31.496	33.975	5.5316	1.09969	0.00016	45.1984	250.000
3.4431	12395	45.1984	26.532	37.00	41.250	2562.342	62.578	-5.206	31.897	5.193	6.631	31.496	33.975	5.5316	1.09960	0.00016	45.1985	250.000
3.4433	12396	45.1985	26.532	37.00	41.250	2562.544	62.582	-5.206	31.898	5.193	6.631	31.496	33.975	5.5316	1.09950	0.00016	45.1987	250.000
3.4436	12397	45.1987	26.532	37.00	41.250	2562.746	62.587	-5.206	31.898	5.193	6.631	31.496	33.975	5.5316	1.09940	0.00016	45.1988	250.000
3.4439	12398	45.1988	26.532	37.00	41.250	2562.948	62.592	-5.206	31.899	5.194	6.631	31.496	33.975	5.5316	1.09930	0.00016	45.1990	250.000
3.4442	12399	45.1990	26.532	37.00	41.250	2563.150	62.597	-5.206	31.900	5.194	6.631	31.496	33.975	5.5316	1.09920	0.00016	45.1991	250.000
3.4444	12400	45.1991	26.533	37.00	41.250	2563.352	62.602	-5.206	31.900	5.194	6.631	31.496	33.975	5.5316	1.09910	0.00016	45.1993	250.000
3.4447	12401	45.1993	26.533	37.00	41.250	2563.554	62.607	-5.206	31.901	5.194	6.631	31.496	33.975	5.5316	1.09900	0.00016	45.1995	250.000
3.4450	12402	45.1995	26.533	37.00	41.250	2563.756	62.612	-5.206	31.901	5.194	6.630	31.496	33.975	5.5316	1.09890	0.00016	45.1996	250.000
3.4453	12403	45.1996	26.533	37.00	41.250	2563.958	62.617	-5.206	31.902	5.194	6.630	31.496	33.975	5.5316	1.09880	0.00016	45.1998	250.000
3.4456	12404	45.1998	26.533	37.00	41.250	2564.160	62.622	-5.206	31.903	5.194	6.630	31.496	33.975	5.5316	1.09870	0.00016	45.1999	250.000
3.4458	12405	45.1999	26.533	37.00	41.250	2564.362	62.627	-5.206	31.903	5.194	6.630	31.496	33.975	5.5316	1.09860	0.00016	45.2001	250.000
3.4461	12406	45.2001	26.533	37.00	41.250	2564.564	62.632	-5.206	31.904	5.194	6.630	31.496	33.975	5.5316	1.09850	0.00016	45.2002	250.000
3.4464	12407	45.2002	26.534	37.00	41.250	2564.766	62.637	-5.206	31.904	5.194	6.630	31.496	33.975	5.5316	1.09840	0.00016	45.2004	250.000
3.4467	12408	45.2004	26.534	37.00	41.250	2564.968	62.642	-5.206	31.905	5.195	6.630	31.496	33.975	5.5316	1.09830	0.00016	45.2006	250.000
3.4469	12409	45.2006	26.534	37.00	41.250	2565.170	62.647	-5.206	31.906	5.195	6.630	31.496	33.975	5.5316	1.09820	0.00016	45.2007	250.000
3.4472	12410	45.2007	26.534	37.00	41.250	2565.372	62.652	-5.206	31.906	5.195	6.630	31.496	33.975	5.5316	1.09810	0.00016	45.2009	250.000
3.4475	12411	45.2009	26.534	37.00	41.250	2565.574	62.656	-5.206	31.907	5.195	6.630	31.496	33.975	5.5316	1.09800	0.00016	45.2010	250.000
3.4478	12412	45.2010	26.534	37.00	41.250	2565.776	62.661	-5.206	31.908	5.195	6.629	31.496	33.975	5.5316	1.09790	0.00016	45.2012	250.000
3.4481	12413	45.2012	26.535	37.00	41.250	2565.978	62.666	-5.206	31.908	5.195	6.629	31.496	33.975	5.5316	1.09781	0.00016	45.2013	250.000
3.4483	12414	45.2013	26.535	37.00	41.250	2566.180	62.671	-5.206	31.909	5.195	6.629	31.496	33.975	5.5316	1.09771	0.00016	45.2015	250.000
3.4486	12415	45.2015	26.535	37.00	41.250	2566.382	62.676	-5.206	31.909	5.195	6.629	31.496	33.975	5.5316	1.09761	0.00016	45.2017	250.000
3.4489	12416	45.2017	26.535	37.00	41.250	2566.584	62.681	-5.206	31.910	5.195	6.629	31.496	33.975	5.5316	1.09751	0.00016	45.2018	250.000
3.4492	12417	45.2018	26.535	37.00	41.250	2566.786	62.686	-5.206	31.911	5.195	6.629	31.496	33.975	5.5316	1.09741	0.00016	45.2020	250.000
3.4494	12418	45.2020	26.535	37.00	41.250	2566.988	62.691	-5.206	31.911	5.196	6.629	31.496	33.975	5.5316	1.09731	0.00016	45.2021	250.000
3.4497	12419	45.2021	26.536	37.00	41.250	2567.190	62.696	-5.206	31.912	5.196	6.629	31.496	33.975	5.5316	1.09721	0.00016	45.2023	250.000
3.4500	12420	45.2023	26.536	37.00	41.250	2567.392	62.701	-5.206	31.912	5.196	6.629	31.496	33.975	5.5316	1.09711	0.00016	45.2024	250.000
3.4503	12421	45.2024	26.536	37.00	41.250	2567.594	62.706	-5.206	31.913	5.196	6.629	31.496	33.975	5.5316	1.09701	0.00016	45.2026	250.000
3.4506	12422	45.2026	26.536	37.00	41.250	2567.796	62.711	-5.206	31.914	5.196	6.628	31.496	33.975	5.5316	1.09691	0.00016	45.2028	250.000
3.4508	12423	45.2028	26.536	37.00	41.250	2567.998	62.716	-5.206	31.914	5.196	6.628	31.496	33.975	5.5316	1.09681	0.00016	45.2029	250.000
3.4511	12424	45.2029	26.536	37.00	41.250	2568.200	62.721	-5.206	31.915	5.196	6.628	31.496	33.975	5.5316	1.09671	0.00016	45.2031	250.000
3.4514	12425	45.2031	26.536	37.00	41.250	2568.402	62.726	-5.206	31.915	5.196	6.628	31.496	33.975	5.5316	1.09661	0.00016	45.2032	250.000
3.4517	12426	45.2032	26.537	37.00	41.250	2568.604	62.730	-5.206	31.916	5.196	6.628	31.496	33.975	5.5316	1.09651	0.00016	45.2034	250.000
3.4519	12427	45.2034	26.537	37.00	41.250	2568.807	62.735	-5.206	31.917	5.196	6.628	31.496	33.975	5.5316	1.09642	0.00016	45.2035	250.000
3.4522	12428	45.2035	26.537	37.00	41.250	2569.009	62.740	-5.206	31.917	5.197	6.628	31.496	33.975	5.5316	1.09632	0.00016	45.2037	250.000
3.4525	12429	45.2037	26.537	37.00	41.250	2569.211	62.745	-5.206	31.918	5.197	6.628	31.496	33.975	5.5316	1.09622	0.00016	45.2039	250.000
3.4528	12430	45.2039	26.537	37.00	41.250	2569.413	62.750	-5.206	31.918	5.197	6.628	31.496	33.975	5.5316	1.09612	0.00016	45.2040	250.000
3.4531	12431	45.2040	26.537	37.00	41.250	2569.615	62.755	-5.206	31.919	5.197	6.628	31.496	33.975	5.5316	1.09602	0.00016	45.2042	250.000
3.4533	12432	45.2042	26.538	37.00	41.250	2569.817	62.760	-5.206	31.920	5.197	6.627	31.496	33.975	5.5316	1.09592	0.00016	45.2043	250.000
3.4536	12433	45.2043	26.538	37.00	41.250	2570.019	62.765	-5.206	31.920	5.197	6.627	31.496	33.975	5.5316	1.09582	0.00016	45.2045	250.000
3.4539	12434	45.2045	26.538	37.00	41.250	2570.221	62.770	-5.206	31.921	5.197	6.627	31.496	33.975	5.5316	1.09572	0.00016	45.2046	250.000
3.4542	12435	45.2046	26.538	37.00	41.250	2570.423	62.775	-5.206	31.922	5.197	6.627	31.496	33.975	5.5316	1.09562	0.00016	45.2048	250.000
3.4544	12436	45.2048	26.538	37.00	41.250	2570.625	62.780	-5.206	31.922	5.197	6.627	31.496	33.975	5.5316	1.09552	0.00016	45.2049	250.000
3.4547	12437	45.2049	26.538	37.00	41.250	2570.827	62.785	-5.206	31.923	5.197	6.627	31.496	33.975	5.5316	1.09542	0.00016	45.2051	250.000
3.4550	12438	45.2051	26.538	37.00	41.250	2571.029	62.790	-5.206	31.923	5.198	6.627	31.496	33.975	5.5316	1.09532	0.00016	45.2053	250.000
3.4553	12439	45.2053	26.539	37.00	41.250	2571.231	62.795	-5.206	31.924	5.198	6.627	31.496	33.975	5.5316	1.09523	0.00016	45.2054	250.000

3.4556	12440	45.2054	26.539	37.00	41.250	2571.433	62.800	-5.206	31.925	5.198	6.627	31.496	33.975	5.5316	1.09513	0.00016	45.2056	250.000
3.4558	12441	45.2056	26.539	37.00	41.250	2571.635	62.804	-5.206	31.925	5.198	6.627	31.496	33.975	5.5316	1.09503	0.00016	45.2057	250.000
3.4561	12442	45.2057	26.539	37.00	41.250	2571.837	62.809	-5.206	31.926	5.198	6.626	31.496	33.975	5.5316	1.09493	0.00016	45.2059	250.000
3.4564	12443	45.2059	26.539	37.00	41.250	2572.039	62.814	-5.206	31.926	5.198	6.626	31.496	33.975	5.5316	1.09483	0.00016	45.2060	250.000
3.4567	12444	45.2060	26.539	37.00	41.250	2572.241	62.819	-5.206	31.927	5.198	6.626	31.496	33.975	5.5316	1.09473	0.00016	45.2062	250.000
3.4569	12445	45.2062	26.540	37.00	41.250	2572.443	62.824	-5.206	31.928	5.198	6.626	31.496	33.975	5.5316	1.09463	0.00016	45.2064	250.000
3.4572	12446	45.2064	26.540	37.00	41.250	2572.645	62.829	-5.206	31.928	5.198	6.626	31.496	33.975	5.5316	1.09453	0.00016	45.2065	250.000
3.4575	12447	45.2065	26.540	37.00	41.250	2572.847	62.834	-5.206	31.929	5.198	6.626	31.496	33.975	5.5316	1.09443	0.00016	45.2067	250.000
3.4578	12448	45.2067	26.540	37.00	41.250	2573.049	62.839	-5.206	31.929	5.199	6.626	31.496	33.975	5.5316	1.09433	0.00016	45.2068	250.000
3.4581	12449	45.2068	26.540	37.00	41.250	2573.251	62.844	-5.206	31.930	5.199	6.626	31.496	33.975	5.5316	1.09423	0.00016	45.2070	250.000
3.4583	12450	45.2070	26.540	37.00	41.250	2573.453	62.849	-5.206	31.931	5.199	6.626	31.496	33.975	5.5316	1.09414	0.00016	45.2071	250.000
3.4586	12451	45.2071	26.541	37.00	41.250	2573.655	62.854	-5.206	31.931	5.199	6.626	31.496	33.975	5.5316	1.09404	0.00016	45.2073	250.000
3.4589	12452	45.2073	26.541	37.00	41.250	2573.857	62.859	-5.206	31.932	5.199	6.625	31.496	33.975	5.5316	1.09394	0.00016	45.2074	250.000
3.4592	12453	45.2074	26.541	37.00	41.250	2574.059	62.864	-5.206	31.932	5.199	6.625	31.496	33.975	5.5316	1.09384	0.00016	45.2076	250.000
3.4594	12454	45.2076	26.541	37.00	41.250	2574.261	62.869	-5.206	31.933	5.199	6.625	31.496	33.975	5.5316	1.09374	0.00016	45.2078	250.000
3.4597	12455	45.2078	26.541	37.00	41.250	2574.463	62.874	-5.206	31.934	5.199	6.625	31.496	33.975	5.5316	1.09364	0.00016	45.2079	250.000
3.4600	12456	45.2079	26.541	37.00	41.250	2574.665	62.878	-5.206	31.934	5.199	6.625	31.496	33.975	5.5316	1.09354	0.00016	45.2081	250.000
3.4603	12457	45.2081	26.541	37.00	41.250	2574.867	62.883	-5.206	31.935	5.199	6.625	31.496	33.975	5.5316	1.09344	0.00016	45.2082	250.000
3.4606	12458	45.2082	26.542	37.00	41.250	2575.069	62.888	-5.206	31.936	5.200	6.625	31.496	33.975	5.5316	1.09334	0.00016	45.2084	250.000
3.4608	12459	45.2084	26.542	37.00	41.250	2575.271	62.893	-5.206	31.936	5.200	6.625	31.496	33.975	5.5316	1.09324	0.00016	45.2085	250.000
3.4611	12460	45.2085	26.542	37.00	41.250	2575.474	62.898	-5.206	31.937	5.200	6.625	31.496	33.975	5.5316	1.09315	0.00016	45.2087	250.000
3.4614	12461	45.2087	26.542	37.00	41.250	2575.676	62.903	-5.206	31.937	5.200	6.625	31.496	33.975	5.5316	1.09305	0.00016	45.2089	250.000
3.4617	12462	45.2089	26.542	37.00	41.250	2575.878	62.908	-5.206	31.938	5.200	6.625	31.496	33.975	5.5316	1.09295	0.00016	45.2090	250.000
3.4619	12463	45.2090	26.542	37.00	41.250	2576.080	62.913	-5.206	31.939	5.200	6.624	31.496	33.975	5.5316	1.09285	0.00016	45.2092	250.000
3.4622	12464	45.2092	26.543	37.00	41.250	2576.282	62.918	-5.206	31.939	5.200	6.624	31.496	33.975	5.5316	1.09275	0.00016	45.2093	250.000
3.4625	12465	45.2093	26.543	37.00	41.250	2576.484	62.923	-5.206	31.940	5.200	6.624	31.496	33.975	5.5316	1.09265	0.00016	45.2095	250.000
3.4628	12466	45.2095	26.543	37.00	41.250	2576.686	62.928	-5.206	31.940	5.200	6.624	31.496	33.975	5.5316	1.09255	0.00016	45.2096	250.000
3.4631	12467	45.2096	26.543	37.00	41.250	2576.888	62.933	-5.206	31.941	5.200	6.624	31.496	33.975	5.5316	1.09245	0.00016	45.2098	250.000
3.4633	12468	45.2098	26.543	37.00	41.250	2577.090	62.938	-5.206	31.942	5.201	6.624	31.496	33.975	5.5316	1.09235	0.00016	45.2099	250.000
3.4636	12469	45.2099	26.543	37.00	41.250	2577.292	62.943	-5.206	31.942	5.201	6.624	31.496	33.975	5.5316	1.09226	0.00016	45.2101	250.000
3.4639	12470	45.2101	26.543	37.00	41.250	2577.494	62.948	-5.206	31.943	5.201	6.624	31.496	33.975	5.5316	1.09216	0.00016	45.2103	250.000
3.4642	12471	45.2103	26.544	37.00	41.250	2577.696	62.953	-5.206	31.943	5.201	6.624	31.496	33.975	5.5316	1.09206	0.00016	45.2104	250.000
3.4644	12472	45.2104	26.544	37.00	41.250	2577.898	62.957	-5.206	31.944	5.201	6.624	31.496	33.975	5.5316	1.09196	0.00016	45.2106	250.000
3.4647	12473	45.2106	26.544	37.00	41.250	2578.100	62.962	-5.206	31.945	5.201	6.623	31.496	33.975	5.5316	1.09186	0.00016	45.2107	250.000
3.4650	12474	45.2107	26.544	37.00	41.250	2578.302	62.967	-5.206	31.945	5.201	6.623	31.496	33.975	5.5316	1.09176	0.00016	45.2109	250.000
3.4653	12475	45.2109	26.544	37.00	41.250	2578.504	62.972	-5.206	31.946	5.201	6.623	31.496	33.975	5.5316	1.09166	0.00016	45.2110	250.000
3.4656	12476	45.2110	26.544	37.00	41.250	2578.706	62.977	-5.206	31.946	5.201	6.623	31.496	33.975	5.5316	1.09156	0.00016	45.2112	250.000
3.4658	12477	45.2112	26.545	37.00	41.250	2578.908	62.982	-5.206	31.947	5.201	6.623	31.496	33.975	5.5316	1.09147	0.00016	45.2114	250.000
3.4661	12478	45.2114	26.545	37.00	41.250	2579.110	62.987	-5.206	31.948	5.202	6.623	31.496	33.975	5.5316	1.09137	0.00016	45.2115	250.000
3.4664	12479	45.2115	26.545	37.00	41.250	2579.312	62.992	-5.206	31.948	5.202	6.623	31.496	33.975	5.5316	1.09127	0.00016	45.2117	250.000
3.4667	12480	45.2117	26.545	37.00	41.250	2579.514	62.997	-5.206	31.949	5.202	6.623	31.496	33.975	5.5316	1.09117	0.00016	45.2118	250.000
3.4669	12481	45.2118	26.545	37.00	41.250	2579.716	63.002	-5.206	31.949	5.202	6.623	31.496	33.975	5.5316	1.09107	0.00016	45.2120	250.000
3.4672	12482	45.2120	26.545	37.00	41.250	2579.918	63.007	-5.206	31.950	5.202	6.623	31.496	33.975	5.5316	1.09097	0.00016	45.2121	250.000
3.4675	12483	45.2121	26.546	37.00	41.250	2580.120	63.012	-5.206	31.951	5.202	6.622	31.496	33.975	5.5316	1.09087	0.00016	45.2123	250.000
3.4678	12484	45.2123	26.546	37.00	41.250	2580.322	63.017	-5.206	31.951	5.202	6.622	31.496	33.975	5.5316	1.09077	0.00016	45.2124	250.000
3.4681	12485	45.2124	26.546	37.00	41.250	2580.524	63.022	-5.206	31.952	5.202	6.622	31.496	33.975	5.5316	1.09068	0.00016	45.2126	250.000
3.4683	12486	45.2126	26.546	37.00	41.250	2580.726	63.027	-5.206	31.953	5.202	6.622	31.496	33.975	5.5316	1.09058	0.00016	45.2128	250.000
3.4686	12487	45.2128	26.546	37.00	41.250	2580.928	63.031	-5.206	31.953	5.202	6.622	31.496	33.975	5.5316	1.09048	0.00016	45.2129	250.000
3.4689	12488	45.2129	26.546	37.00	41.250	2581.130	63.036	-5.206	31.954	5.202	6.622	31.496	33.975	5.5316	1.09038	0.00016	45.2131	250.000
3.4692	12489	45.2131	26.546	37.00	41.250	2581.332	63.041	-5.206	31.954	5.203	6.622	31.496	33.975	5.5316	1.09028	0.00016	45.2132	250.000
3.4694	12490	45.2132	26.547	37.00	41.250	2581.534	63.046	-5.206	31.955	5.203	6.622	31.496	33.975	5.5316	1.09018	0.00016	45.2134	250.000
3.4697	12491	45.2134	26.547	37.00	41.250	2581.736	63.051	-5.206	31.956	5.203	6.622	31.496	33.975	5.5316	1.09008	0.00016	45.2135	250.000
3.4700	12492	45.2135	26.547	37.00	41.250	2581.938	63.056	-5.206	31.956	5.203	6.622	31.496	33.975	5.5316	1.08998	0.00016	45.2137	250.000
3.4703	12493	45.2137	26.547	37.00	41.250	2582.140	63.061	-5.206	31.957	5.203	6.621	31.496	33.975	5.5316	1.08989	0.00016	45.2138	250.000
3.4706	12494	45.2138	26.547	37.00	41.250	2582.343	63.066	-5.206	31.957	5.203	6.621	31.496	33.975	5.5316	1.08979	0.00016	45.2140	250.000
3.4708	12495	45.2140	26.547	37.00	41.250	2582.545	63.071	-5.206	31.958	5.203	6.621	31.496	33.975	5.5316	1.08969	0.00016	45.2142	250.000
3.4711	12496	45.2142	26.548	37.00	41.250	2582.747	63.076	-5.206	31.959	5.203	6.621	31.496	33.975	5.5316	1.08959	0.00016	45.2143	250.000
3.4714	12497	45.2143	26.548	37.00	41.250	2582.949	63.081	-5.206	31.959	5.203	6.621	31.496	33.975	5.5316	1.08949	0.00016	45.2145	250.000
3.4717	12498	45.2145	26.548	37.00	41.250	2583.151	63.086	-5.206	31.960	5.203	6.621	31.496	33.975	5.5316	1.08939	0.00016	45.2146	250.000
3.4719	12499	45.2146	26.548	37.00	41.250	2583.353	63.091	-5.206	31.960	5.204	6.621	31.496	33.975	5.5316	1.08929	0.00016	45.2148	250.000
3.4722	12500	45.2148	26.548	37.00	41.250	2583.555	63.096	-5.206	31.961	5.204	6.621	31.496	33.975	5.5316	1.08920	0.00016	45.2149	250.000
3.4725	12501	45.2149	26.548	37.00	41.250	2583.757	63.101	-5.206	31.962	5.204	6.621	31.496	33.975	5.5316	1.08910	0.00016	45.2151	250.000
3.4728	12502	45.2151	26.548	37.00	41.250	2583.959	63.105	-5.206	31.962	5.204	6.621	31.496	33.975	5.5316	1.08900	0.00016	45.2152	250.000
3.4731	12503	45.2152	26.549	37.00	41.250	2584.161	63.110	-5.206	31.963	5.204	6.620	31.496	33.975	5.5316	1.08890	0.00016	45.2154	250.000
3.4733	12504	45.2154	26.549	37.00	41.250	2584.363	63.115	-5.206	31.963	5.204	6.620	31.496	33.975	5.5316	1.08880	0.00016	45.2156	250.000
3.4736	12505	45.2156	26.549	37.00	41.250	2584.565	63.120	-5.206	31.964	5.204	6.620	31.496	33.975	5.5316	1.08870	0.00016	45.2157	250.000
3.4739	12506	45.2157	26.549	37.00	41.250	2584.767	63.125	-5.206	31.965	5.204	6.620	31.496	33.975	5.5316	1.08860	0.00016	45.2159	250.000
3.4742	12507	45.2159	26.549	37.00	41.250	2584.969	63.130	-5.206	31.965	5.204	6.620	31.496	33.975	5.5316	1.08851	0.00016	45.2160	250.000
3.4744	12508	45.2160	26.549	37.00	41.250	2585.171	63.135	-5.206	31.966	5.204	6.620	31.496	33.975	5.5316	1.08841	0.00016	45.2162	250.000
3.4747	12509	45.2162	26.550	37.00	41.250	2585.373	63.140	-5.206	31.966	5.205	6.620	31.496	33.975	5.5316	1.08831	0.00016	45.2163	250.000
3.4750	12510	45.2163	26.550	37.00	41.250	2585.575	63.145	-5.206	31.967	5.205	6.620	31.496	33.975	5.5316	1.08821	0.00016	45.2165	250.000
3.4753	12511	45.2165	26.550	37.00	41.250	2585.777	63.150	-5.206	31.968	5.205	6.620	31.496	33.975	5.5316	1.08811	0.00016	45.2166	250.000
3.4756	12512	45.2166	26.550	37.00	41.250	2585.979	63.155	-5.206	31.968	5.205	6.620	31.496	33.975	5.5316	1.08801	0.00016	45.2168	250.000
3.4758	12513	45.2168	26.550	37.00	41.250	2586.181	63.160	-5.206	31.969	5.205	6.619	31.496	33.975	5.5316	1.08792	0.00016	45.2170	250.000
3.4761	12514	45.2170	26.550	37.00	41.250	2586.383	63.165	-5.206	31.969	5.205	6.619	31.496	33.975	5.5316	1.08782	0.00016	45.2171	250.000
3.4764	12515	45.2171	26.550	37.00	41.250	2586.585	63.170	-5.206	31.970	5.205	6.619	31.496	33.975	5.5316	1.08772	0.00016	45.2173	250.000
3.4767	12516	45.2173	26.551	37.00	41.250	2586.787	63.175	-5.206	31.971	5.205	6.619	31.496	33.975	5.5316	1.08762	0.00016	45.2174	250.000
3.4769	12517	45.2174	26.551	37.00	41.250	2586.989	63.179	-5.206	31.971	5.205	6.619	31.496	33.975	5.5316	1.08752	0.00016	45.2176	250.000
3.4772	12518	45.2176	26.551	37.00	41.250	2587.191	63.184	-5.206	31.972	5.205	6.619	31.496	33.975	5.5316	1.08742	0.00016	45.2177	250.000
3.4775	12519	45.2177	26.551	37.00	41.250	2587.393	63.189	-5.206	31.972	5.206	6.619	31.496	33.975	5.5316	1.08732	0.00016	45.2179	250.000
3.4778	12520	45.2179	26.551	37.00	41.250	2587.595	63.194	-5.206	31.973	5.206	6.619	31.496	33.975	5.5316	1.08723	0.00016	45.2180	250.000

3.4781	12521	45.2180	26.551	37.00	41.250	2587.797	63.199	-5.206	31.974	5.206	6.619	31.496	33.975	5.5316	1.08713	0.00016	45.2182	250.000
3.4783	12522	45.2182	26.552	37.00	41.250	2587.999	63.204	-5.206	31.974	5.206	6.619	31.496	33.975	5.5316	1.08703	0.00016	45.2184	250.000
3.4786	12523	45.2184	26.552	37.00	41.250	2588.201	63.209	-5.206	31.975	5.206	6.618	31.496	33.975	5.5316	1.08693	0.00016	45.2185	250.000
3.4789	12524	45.2185	26.552	37.00	41.250	2588.403	63.214	-5.206	31.976	5.206	6.618	31.496	33.975	5.5316	1.08683	0.00016	45.2187	250.000
3.4792	12525	45.2187	26.552	37.00	41.250	2588.605	63.219	-5.206	31.976	5.206	6.618	31.496	33.975	5.5316	1.08673	0.00016	45.2188	250.000
3.4794	12526	45.2188	26.552	37.00	41.250	2588.807	63.224	-5.206	31.977	5.206	6.618	31.496	33.975	5.5316	1.08664	0.00016	45.2190	250.000
3.4797	12527	45.2190	26.552	37.00	41.250	2589.010	63.229	-5.206	31.977	5.206	6.618	31.496	33.975	5.5316	1.08654	0.00016	45.2191	250.000
3.4800	12528	45.2191	26.553	37.00	41.250	2589.212	63.234	-5.206	31.978	5.206	6.618	31.496	33.975	5.5316	1.08644	0.00016	45.2193	250.000
3.4803	12529	45.2193	26.553	37.00	41.250	2589.414	63.239	-5.206	31.979	5.207	6.618	31.496	33.975	5.5316	1.08634	0.00016	45.2194	250.000
3.4806	12530	45.2194	26.553	37.00	41.250	2589.616	63.244	-5.206	31.979	5.207	6.618	31.496	33.975	5.5316	1.08624	0.00016	45.2196	250.000
3.4808	12531	45.2196	26.553	37.00	41.250	2589.818	63.249	-5.206	31.980	5.207	6.618	31.496	33.975	5.5316	1.08614	0.00016	45.2198	250.000
3.4811	12532	45.2198	26.553	37.00	41.250	2590.020	63.253	-5.206	31.980	5.207	6.618	31.496	33.975	5.5316	1.08605	0.00016	45.2199	250.000
3.4814	12533	45.2199	26.553	37.00	41.250	2590.222	63.258	-5.206	31.981	5.207	6.618	31.496	33.975	5.5316	1.08595	0.00016	45.2201	250.000
3.4817	12534	45.2201	26.553	37.00	41.250	2590.424	63.263	-5.206	31.982	5.207	6.617	31.496	33.975	5.5316	1.08585	0.00016	45.2202	250.000
3.4819	12535	45.2202	26.554	37.00	41.250	2590.626	63.268	-5.206	31.982	5.207	6.617	31.496	33.975	5.5316	1.08575	0.00016	45.2204	250.000
3.4822	12536	45.2204	26.554	37.00	41.250	2590.828	63.273	-5.206	31.983	5.207	6.617	31.496	33.975	5.5316	1.08565	0.00016	45.2205	250.000
3.4825	12537	45.2205	26.554	37.00	41.250	2591.030	63.278	-5.206	31.983	5.207	6.617	31.496	33.975	5.5316	1.08555	0.00016	45.2207	250.000
3.4828	12538	45.2207	26.554	37.00	41.250	2591.232	63.283	-5.206	31.984	5.207	6.617	31.496	33.975	5.5316	1.08546	0.00016	45.2208	250.000
3.4831	12539	45.2208	26.554	37.00	41.250	2591.434	63.288	-5.206	31.985	5.208	6.617	31.496	33.975	5.5316	1.08536	0.00016	45.2210	250.000
3.4833	12540	45.2210	26.554	37.00	41.250	2591.636	63.293	-5.206	31.985	5.208	6.617	31.496	33.975	5.5316	1.08526	0.00016	45.2211	250.000
3.4836	12541	45.2211	26.555	37.00	41.250	2591.838	63.298	-5.206	31.986	5.208	6.617	31.496	33.975	5.5316	1.08516	0.00016	45.2213	250.000
3.4839	12542	45.2213	26.555	37.00	41.250	2592.040	63.303	-5.206	31.986	5.208	6.617	31.496	33.975	5.5316	1.08506	0.00016	45.2215	250.000
3.4842	12543	45.2215	26.555	37.00	41.250	2592.242	63.308	-5.206	31.987	5.208	6.617	31.496	33.975	5.5316	1.08497	0.00015	45.2216	250.000
3.4844	12544	45.2216	26.555	37.00	41.250	2592.444	63.313	-5.206	31.988	5.208	6.616	31.496	33.975	5.5316	1.08487	0.00015	45.2218	250.000
3.4847	12545	45.2218	26.555	37.00	41.250	2592.646	63.318	-5.206	31.988	5.208	6.616	31.496	33.975	5.5316	1.08477	0.00015	45.2219	250.000
3.4850	12546	45.2219	26.555	37.00	41.250	2592.848	63.323	-5.206	31.989	5.208	6.616	31.496	33.975	5.5316	1.08467	0.00015	45.2221	250.000
3.4853	12547	45.2221	26.555	37.00	41.250	2593.050	63.327	-5.206	31.989	5.208	6.616	31.496	33.975	5.5316	1.08457	0.00015	45.2222	250.000
3.4856	12548	45.2222	26.556	37.00	41.250	2593.252	63.332	-5.206	31.990	5.208	6.616	31.496	33.975	5.5316	1.08447	0.00015	45.2224	250.000
3.4858	12549	45.2224	26.556	37.00	41.250	2593.454	63.337	-5.206	31.991	5.208	6.616	31.496	33.975	5.5316	1.08438	0.00015	45.2225	250.000
3.4861	12550	45.2225	26.556	37.00	41.250	2593.656	63.342	-5.206	31.991	5.209	6.616	31.496	33.975	5.5316	1.08428	0.00015	45.2227	250.000
3.4864	12551	45.2227	26.556	37.00	41.250	2593.858	63.347	-5.206	31.992	5.209	6.616	31.496	33.975	5.5316	1.08418	0.00015	45.2229	250.000
3.4867	12552	45.2229	26.556	37.00	41.250	2594.060	63.352	-5.206	31.992	5.209	6.616	31.496	33.975	5.5316	1.08408	0.00015	45.2230	250.000
3.4869	12553	45.2230	26.556	37.00	41.250	2594.262	63.357	-5.206	31.993	5.209	6.616	31.496	33.975	5.5316	1.08398	0.00015	45.2232	250.000
3.4872	12554	45.2232	26.557	37.00	41.250	2594.464	63.362	-5.206	31.994	5.209	6.615	31.496	33.975	5.5316	1.08389	0.00015	45.2233	250.000
3.4875	12555	45.2233	26.557	37.00	41.250	2594.666	63.367	-5.206	31.994	5.209	6.615	31.496	33.975	5.5316	1.08379	0.00015	45.2235	250.000
3.4878	12556	45.2235	26.557	37.00	41.250	2594.868	63.372	-5.206	31.995	5.209	6.615	31.496	33.975	5.5316	1.08369	0.00015	45.2236	250.000
3.4881	12557	45.2236	26.557	37.00	41.250	2595.070	63.377	-5.206	31.995	5.209	6.615	31.496	33.975	5.5316	1.08359	0.00015	45.2238	250.000
3.4883	12558	45.2238	26.557	37.00	41.250	2595.272	63.382	-5.206	31.996	5.209	6.615	31.496	33.975	5.5316	1.08349	0.00015	45.2239	250.000
3.4886	12559	45.2239	26.557	37.00	41.250	2595.474	63.387	-5.206	31.997	5.209	6.615	31.496	33.975	5.5316	1.08340	0.00015	45.2241	250.000
3.4889	12560	45.2241	26.557	37.00	41.250	2595.676	63.392	-5.206	31.997	5.210	6.615	31.496	33.975	5.5316	1.08330	0.00015	45.2242	250.000
3.4892	12561	45.2242	26.558	37.00	41.250	2595.879	63.397	-5.206	31.998	5.210	6.615	31.496	33.975	5.5316	1.08320	0.00015	45.2244	250.000
3.4894	12562	45.2244	26.558	37.00	41.250	2596.081	63.401	-5.206	31.998	5.210	6.615	31.496	33.975	5.5316	1.08310	0.00015	45.2246	250.000
3.4897	12563	45.2246	26.558	37.00	41.250	2596.283	63.406	-5.206	31.999	5.210	6.615	31.496	33.975	5.5316	1.08300	0.00015	45.2247	250.000
3.4900	12564	45.2247	26.558	37.00	41.250	2596.485	63.411	-5.206	32.000	5.210	6.614	31.496	33.975	5.5316	1.08291	0.00015	45.2249	250.000
3.4903	12565	45.2249	26.558	37.00	41.250	2596.687	63.416	-5.206	32.000	5.210	6.614	31.496	33.975	5.5316	1.08281	0.00015	45.2250	250.000
3.4906	12566	45.2250	26.558	37.00	41.250	2596.889	63.421	-5.206	32.001	5.210	6.614	31.496	33.975	5.5316	1.08271	0.00015	45.2252	250.000
3.4908	12567	45.2252	26.559	37.00	41.250	2597.091	63.426	-5.206	32.001	5.210	6.614	31.496	33.975	5.5316	1.08261	0.00015	45.2253	250.000
3.4911	12568	45.2253	26.559	37.00	41.250	2597.293	63.431	-5.206	32.002	5.210	6.614	31.496	33.975	5.5316	1.08251	0.00015	45.2255	250.000
3.4914	12569	45.2255	26.559	37.00	41.250	2597.495	63.436	-5.206	32.003	5.210	6.614	31.496	33.975	5.5316	1.08242	0.00015	45.2256	250.000
3.4917	12570	45.2256	26.559	37.00	41.250	2597.697	63.441	-5.206	32.003	5.211	6.614	31.496	33.975	5.5316	1.08232	0.00015	45.2258	250.000
3.4919	12571	45.2258	26.559	37.00	41.250	2597.899	63.446	-5.206	32.004	5.211	6.614	31.496	33.975	5.5316	1.08222	0.00015	45.2259	250.000
3.4922	12572	45.2259	26.559	37.00	41.250	2598.101	63.451	-5.206	32.004	5.211	6.614	31.496	33.975	5.5316	1.08212	0.00015	45.2261	250.000
3.4925	12573	45.2261	26.559	37.00	41.250	2598.303	63.456	-5.206	32.005	5.211	6.614	31.496	33.975	5.5316	1.08202	0.00015	45.2263	250.000
3.4928	12574	45.2263	26.560	37.00	41.250	2598.505	63.461	-5.206	32.006	5.211	6.613	31.496	33.975	5.5316	1.08193	0.00015	45.2264	250.000
3.4931	12575	45.2264	26.560	37.00	41.250	2598.707	63.466	-5.206	32.006	5.211	6.613	31.496	33.975	5.5316	1.08183	0.00015	45.2266	250.000
3.4933	12576	45.2266	26.560	37.00	41.250	2598.909	63.471	-5.206	32.007	5.211	6.613	31.496	33.975	5.5316	1.08173	0.00015	45.2267	250.000
3.4936	12577	45.2267	26.560	37.00	41.250	2599.111	63.476	-5.206	32.007	5.211	6.613	31.496	33.975	5.5316	1.08163	0.00015	45.2269	250.000
3.4939	12578	45.2269	26.560	37.00	41.250	2599.313	63.480	-5.206	32.008	5.211	6.613	31.496	33.975	5.5316	1.08153	0.00015	45.2270	250.000
3.4942	12579	45.2270	26.560	37.00	41.250	2599.515	63.485	-5.206	32.009	5.211	6.613	31.496	33.975	5.5316	1.08144	0.00015	45.2272	250.000
3.4944	12580	45.2272	26.561	37.00	41.250	2599.717	63.490	-5.206	32.009	5.212	6.613	31.496	33.975	5.5316	1.08134	0.00015	45.2273	250.000
3.4947	12581	45.2273	26.561	37.00	41.250	2599.919	63.495	-5.206	32.010	5.212	6.613	31.496	33.975	5.5316	1.08124	0.00015	45.2275	250.000
3.4950	12582	45.2275	26.561	37.00	41.250	2600.121	63.500	-5.206	32.010	5.212	6.613	31.496	33.975	5.5316	1.08114	0.00015	45.2276	250.000
3.4953	12583	45.2276	26.561	37.00	41.250	2600.323	63.505	-5.206	32.011	5.212	6.613	31.496	33.975	5.5316	1.08105	0.00015	45.2278	250.000
3.4956	12584	45.2278	26.561	37.00	41.250	2600.525	63.510	-5.206	32.012	5.212	6.613	31.496	33.975	5.5316	1.08095	0.00015	45.2280	250.000
3.4958	12585	45.2280	26.561	37.00	41.250	2600.727	63.515	-5.206	32.012	5.212	6.612	31.496	33.975	5.5316	1.08085	0.00015	45.2281	250.000
3.4961	12586	45.2281	26.561	37.00	41.250	2600.929	63.520	-5.206	32.013	5.212	6.612	31.496	33.975	5.5316	1.08075	0.00015	45.2283	250.000
3.4964	12587	45.2283	26.562	37.00	41.250	2601.131	63.525	-5.206	32.013	5.212	6.612	31.496	33.975	5.5316	1.08065	0.00015	45.2284	250.000
3.4967	12588	45.2284	26.562	37.00	41.250	2601.333	63.530	-5.206	32.014	5.212	6.612	31.496	33.975	5.5316	1.08056	0.00015	45.2286	250.000
3.4969	12589	45.2286	26.562	37.00	41.250	2601.535	63.535	-5.206	32.015	5.212	6.612	31.496	33.975	5.5316	1.08046	0.00015	45.2287	250.000
3.4972	12590	45.2287	26.562	37.00	41.250	2601.737	63.540	-5.206	32.015	5.213	6.612	31.496	33.975	5.5316	1.08036	0.00015	45.2289	250.000
3.4975	12591	45.2289	26.562	37.00	41.250	2601.939	63.545	-5.206	32.016	5.213	6.612	31.496	33.975	5.5316	1.08026	0.00015	45.2290	250.000
3.4978	12592	45.2290	26.562	37.00	41.250	2602.141	63.550	-5.206	32.016	5.213	6.612	31.496	33.975	5.5316	1.08017	0.00015	45.2292	250.000
3.4981	12593	45.2292	26.563	37.00	41.250	2602.343	63.554	-5.206	32.017	5.213	6.612	31.496	33.975	5.5316	1.08007	0.00015	45.2293	250.000
3.4983	12594	45.2293	26.563	37.00	41.250	2602.546	63.559	-5.206	32.018	5.213	6.612	31.496	33.975	5.5316	1.07997	0.00015	45.2295	250.000
3.4986	12595	45.2295	26.563	37.00	41.250	2602.748	63.564	-5.206	32.018	5.213	6.611	31.496	33.975	5.5316	1.07987	0.00015	45.2297	250.000
3.4989	12596	45.2297	26.563	37.00	41.250	2602.950	63.569	-5.206	32.019	5.213	6.611	31.496	33.975	5.5316	1.07977	0.00015	45.2298	250.000
3.4992	12597	45.2298	26.563	37.00	41.250	2603.152	63.574	-5.206	32.019	5.213	6.611	31.496	33.975	5.5316	1.07968	0.00015	45.2300	250.000
3.4994	12598	45.2300	26.563	37.00	41.250	2603.354	63.579	-5.206	32.020	5.213	6.611	31.496	33.975	5.5316	1.07958	0.00015	45.2301	250.000
3.4997	12599	45.2301	26.564	37.00	41.250	2603.556	63.584	-5.206	32.021	5.213	6.611	31.496	33.975	5.5316	1.07948	0.00015	45.2303	250.000
3.5000	12600	45.2303	26.564	37.00	41.250	2603.758	63.589	-5.206	32.021	5.213	6.611	31.496	33.975	5.5316	1.07938	0.00015	45.2304	250.000
3.5003	12601	45.2304	26.564	37.00	41.250	2603.960	63.594	-5.206	32.022	5.214	6.611	31.496	33.975	5.5316	1.07929	0.00015	45.2306	250.000

3.5006	12602	45.2306	26.564	37.00	41.250	2604.162	63.599	-5.206	32.022	5.214	6.611	31.496	33.975	5.5316	1.07919	0.00015	45.2307	250.000
3.5008	12603	45.2307	26.564	37.00	41.250	2604.364	63.604	-5.206	32.023	5.214	6.611	31.496	33.975	5.5316	1.07909	0.00015	45.2309	250.000
3.5011	12604	45.2309	26.564	37.00	41.250	2604.566	63.609	-5.206	32.024	5.214	6.611	31.496	33.975	5.5316	1.07899	0.00015	45.2310	250.000
3.5014	12605	45.2310	26.564	37.00	41.250	2604.768	63.614	-5.206	32.024	5.214	6.610	31.496	33.975	5.5316	1.07890	0.00015	45.2312	250.000
3.5017	12606	45.2312	26.565	37.00	41.250	2604.970	63.619	-5.206	32.025	5.214	6.610	31.496	33.975	5.5316	1.07880	0.00015	45.2313	250.000
3.5019	12607	45.2313	26.565	37.00	41.250	2605.172	63.624	-5.206	32.025	5.214	6.610	31.496	33.975	5.5316	1.07870	0.00015	45.2315	250.000
3.5022	12608	45.2315	26.565	37.00	41.250	2605.374	63.628	-5.206	32.026	5.214	6.610	31.496	33.975	5.5316	1.07860	0.00015	45.2317	250.000
3.5025	12609	45.2317	26.565	37.00	41.250	2605.576	63.633	-5.206	32.027	5.214	6.610	31.496	33.975	5.5316	1.07850	0.00015	45.2318	250.000
3.5028	12610	45.2318	26.565	37.00	41.250	2605.778	63.638	-5.206	32.027	5.214	6.610	31.496	33.975	5.5316	1.07841	0.00015	45.2320	250.000
3.5031	12611	45.2320	26.565	37.00	41.250	2605.980	63.643	-5.206	32.028	5.215	6.610	31.496	33.975	5.5316	1.07831	0.00015	45.2321	250.000
3.5033	12612	45.2321	26.566	37.00	41.250	2606.182	63.648	-5.206	32.028	5.215	6.610	31.496	33.975	5.5316	1.07821	0.00015	45.2323	250.000
3.5036	12613	45.2323	26.566	37.00	41.250	2606.384	63.653	-5.206	32.029	5.215	6.610	31.496	33.975	5.5316	1.07811	0.00015	45.2324	250.000
3.5039	12614	45.2324	26.566	37.00	41.250	2606.586	63.658	-5.206	32.030	5.215	6.610	31.496	33.975	5.5316	1.07802	0.00015	45.2326	250.000
3.5042	12615	45.2326	26.566	37.00	41.250	2606.788	63.663	-5.206	32.030	5.215	6.609	31.496	33.975	5.5316	1.07792	0.00015	45.2327	250.000
3.5044	12616	45.2327	26.566	37.00	41.250	2606.990	63.668	-5.206	32.031	5.215	6.609	31.496	33.975	5.5316	1.07782	0.00015	45.2329	250.000
3.5047	12617	45.2329	26.566	37.00	41.250	2607.192	63.673	-5.206	32.031	5.215	6.609	31.496	33.975	5.5316	1.07772	0.00015	45.2330	250.000
3.5050	12618	45.2330	26.566	37.00	41.250	2607.394	63.678	-5.206	32.032	5.215	6.609	31.496	33.975	5.5316	1.07763	0.00015	45.2332	250.000
3.5053	12619	45.2332	26.567	37.00	41.250	2607.596	63.683	-5.206	32.033	5.215	6.609	31.496	33.975	5.5316	1.07753	0.00015	45.2333	250.000
3.5056	12620	45.2333	26.567	37.00	41.250	2607.798	63.688	-5.206	32.033	5.215	6.609	31.496	33.975	5.5316	1.07743	0.00015	45.2335	250.000
3.5058	12621	45.2335	26.567	37.00	41.250	2608.000	63.693	-5.206	32.034	5.216	6.609	31.496	33.975	5.5316	1.07733	0.00015	45.2337	250.000
3.5061	12622	45.2337	26.567	37.00	41.250	2608.202	63.698	-5.206	32.034	5.216	6.609	31.496	33.975	5.5316	1.07724	0.00015	45.2338	250.000
3.5064	12623	45.2338	26.567	37.00	41.250	2608.404	63.702	-5.206	32.035	5.216	6.609	31.496	33.975	5.5316	1.07714	0.00015	45.2340	250.000
3.5067	12624	45.2340	26.567	37.00	41.250	2608.606	63.707	-5.206	32.036	5.216	6.609	31.496	33.975	5.5316	1.07704	0.00015	45.2341	250.000
3.5069	12625	45.2341	26.568	37.00	41.250	2608.808	63.712	-5.206	32.036	5.216	6.608	31.496	33.975	5.5316	1.07694	0.00015	45.2343	250.000
3.5072	12626	45.2343	26.568	37.00	41.250	2609.010	63.717	-5.206	32.037	5.216	6.608	31.496	33.975	5.5316	1.07685	0.00015	45.2344	250.000
3.5075	12627	45.2344	26.568	37.00	41.250	2609.213	63.722	-5.206	32.037	5.216	6.608	31.496	33.975	5.5316	1.07675	0.00015	45.2346	250.000
3.5078	12628	45.2346	26.568	37.00	41.250	2609.415	63.727	-5.206	32.038	5.216	6.608	31.496	33.975	5.5316	1.07665	0.00015	45.2347	250.000
3.5081	12629	45.2347	26.568	37.00	41.250	2609.617	63.732	-5.206	32.039	5.216	6.608	31.496	33.975	5.5316	1.07655	0.00015	45.2349	250.000
3.5083	12630	45.2349	26.568	37.00	41.250	2609.819	63.737	-5.206	32.039	5.216	6.608	31.496	33.975	5.5316	1.07646	0.00015	45.2350	250.000
3.5086	12631	45.2350	26.568	37.00	41.250	2610.021	63.742	-5.206	32.040	5.217	6.608	31.496	33.975	5.5316	1.07636	0.00015	45.2352	250.000
3.5089	12632	45.2352	26.569	37.00	41.250	2610.223	63.747	-5.206	32.040	5.217	6.608	31.496	33.975	5.5316	1.07626	0.00015	45.2353	250.000
3.5092	12633	45.2353	26.569	37.00	41.250	2610.425	63.752	-5.206	32.041	5.217	6.608	31.496	33.975	5.5316	1.07616	0.00015	45.2355	250.000
3.5094	12634	45.2355	26.569	37.00	41.250	2610.627	63.757	-5.206	32.042	5.217	6.608	31.496	33.975	5.5316	1.07607	0.00015	45.2357	250.000
3.5097	12635	45.2357	26.569	37.00	41.250	2610.829	63.762	-5.206	32.042	5.217	6.608	31.496	33.975	5.5316	1.07597	0.00015	45.2358	250.000
3.5100	12636	45.2358	26.569	37.00	41.250	2611.031	63.767	-5.206	32.043	5.217	6.607	31.496	33.975	5.5316	1.07587	0.00015	45.2360	250.000
3.5103	12637	45.2360	26.569	37.00	41.250	2611.233	63.772	-5.206	32.043	5.217	6.607	31.496	33.975	5.5316	1.07578	0.00015	45.2361	250.000
3.5106	12638	45.2361	26.570	37.00	41.250	2611.435	63.776	-5.206	32.044	5.217	6.607	31.496	33.975	5.5316	1.07568	0.00015	45.2363	250.000
3.5108	12639	45.2363	26.570	37.00	41.250	2611.637	63.781	-5.206	32.045	5.217	6.607	31.496	33.975	5.5316	1.07558	0.00015	45.2364	250.000
3.5111	12640	45.2364	26.570	37.00	41.250	2611.839	63.786	-5.206	32.045	5.217	6.607	31.496	33.975	5.5316	1.07548	0.00015	45.2366	250.000
3.5114	12641	45.2366	26.570	37.00	41.250	2612.041	63.791	-5.206	32.046	5.217	6.607	31.496	33.975	5.5316	1.07539	0.00015	45.2367	250.000
3.5117	12642	45.2367	26.570	37.00	41.250	2612.243	63.796	-5.206	32.046	5.218	6.607	31.496	33.975	5.5316	1.07529	0.00015	45.2369	250.000
3.5119	12643	45.2369	26.570	37.00	41.250	2612.445	63.801	-5.206	32.047	5.218	6.607	31.496	33.975	5.5316	1.07519	0.00015	45.2370	250.000
3.5122	12644	45.2370	26.570	37.00	41.250	2612.647	63.806	-5.206	32.048	5.218	6.607	31.496	33.975	5.5316	1.07509	0.00015	45.2372	250.000
3.5125	12645	45.2372	26.571	37.00	41.250	2612.849	63.811	-5.206	32.048	5.218	6.607	31.496	33.975	5.5316	1.07500	0.00015	45.2373	250.000
3.5128	12646	45.2373	26.571	37.00	41.250	2613.051	63.816	-5.206	32.049	5.218	6.606	31.496	33.975	5.5316	1.07490	0.00015	45.2375	250.000
3.5131	12647	45.2375	26.571	37.00	41.250	2613.253	63.821	-5.206	32.049	5.218	6.606	31.496	33.975	5.5316	1.07480	0.00015	45.2377	250.000
3.5133	12648	45.2377	26.571	37.00	41.250	2613.455	63.826	-5.206	32.050	5.218	6.606	31.496	33.975	5.5316	1.07470	0.00015	45.2378	250.000
3.5136	12649	45.2378	26.571	37.00	41.250	2613.657	63.831	-5.206	32.051	5.218	6.606	31.496	33.975	5.5316	1.07461	0.00015	45.2380	250.000
3.5139	12650	45.2380	26.571	37.00	41.250	2613.859	63.836	-5.206	32.051	5.218	6.606	31.496	33.975	5.5316	1.07451	0.00015	45.2381	250.000
3.5142	12651	45.2381	26.572	37.00	41.250	2614.061	63.841	-5.206	32.052	5.218	6.606	31.496	33.975	5.5316	1.07441	0.00015	45.2383	250.000
3.5144	12652	45.2383	26.572	37.00	41.250	2614.263	63.846	-5.206	32.052	5.219	6.606	31.496	33.975	5.5316	1.07432	0.00015	45.2384	250.000
3.5147	12653	45.2384	26.572	37.00	41.250	2614.465	63.850	-5.206	32.053	5.219	6.606	31.496	33.975	5.5316	1.07422	0.00015	45.2386	250.000
3.5150	12654	45.2386	26.572	37.00	41.250	2614.667	63.855	-5.206	32.054	5.219	6.606	31.496	33.975	5.5316	1.07412	0.00015	45.2387	250.000
3.5153	12655	45.2387	26.572	37.00	41.250	2614.869	63.860	-5.206	32.054	5.219	6.606	31.496	33.975	5.5316	1.07402	0.00015	45.2389	250.000
3.5156	12656	45.2389	26.572	37.00	41.250	2615.071	63.865	-5.206	32.055	5.219	6.605	31.496	33.975	5.5316	1.07393	0.00015	45.2390	250.000
3.5158	12657	45.2390	26.572	37.00	41.250	2615.273	63.870	-5.206	32.055	5.219	6.605	31.496	33.975	5.5316	1.07383	0.00015	45.2392	250.000
3.5161	12658	45.2392	26.573	37.00	41.250	2615.475	63.875	-5.206	32.056	5.219	6.605	31.496	33.975	5.5316	1.07373	0.00015	45.2393	250.000
3.5164	12659	45.2393	26.573	37.00	41.250	2615.677	63.880	-5.206	32.057	5.219	6.605	31.496	33.975	5.5316	1.07364	0.00015	45.2395	250.000
3.5167	12660	45.2395	26.573	37.00	41.250	2615.879	63.885	-5.206	32.057	5.219	6.605	31.496	33.975	5.5316	1.07354	0.00015	45.2396	250.000
3.5169	12661	45.2396	26.573	37.00	41.250	2616.082	63.890	-5.206	32.058	5.219	6.605	31.496	33.975	5.5316	1.07344	0.00015	45.2398	250.000
3.5172	12662	45.2398	26.573	37.00	41.250	2616.284	63.895	-5.206	32.058	5.220	6.605	31.496	33.975	5.5316	1.07334	0.00015	45.2400	250.000
3.5175	12663	45.2400	26.573	37.00	41.250	2616.486	63.900	-5.206	32.059	5.220	6.605	31.496	33.975	5.5316	1.07325	0.00015	45.2401	250.000
3.5178	12664	45.2401	26.573	37.00	41.250	2616.688	63.905	-5.206	32.060	5.220	6.605	31.496	33.975	5.5316	1.07315	0.00015	45.2403	250.000
3.5181	12665	45.2403	26.574	37.00	41.250	2616.890	63.910	-5.206	32.060	5.220	6.605	31.496	33.975	5.5316	1.07305	0.00015	45.2404	250.000
3.5183	12666	45.2404	26.574	37.00	41.250	2617.092	63.915	-5.206	32.061	5.220	6.605	31.496	33.975	5.5316	1.07296	0.00015	45.2406	250.000
3.5186	12667	45.2406	26.574	37.00	41.250	2617.294	63.920	-5.206	32.061	5.220	6.604	31.496	33.975	5.5316	1.07286	0.00015	45.2407	250.000
3.5189	12668	45.2407	26.574	37.00	41.250	2617.496	63.924	-5.206	32.062	5.220	6.604	31.496	33.975	5.5316	1.07276	0.00015	45.2409	250.000
3.5192	12669	45.2409	26.574	37.00	41.250	2617.698	63.929	-5.206	32.063	5.220	6.604	31.496	33.975	5.5316	1.07266	0.00015	45.2410	250.000
3.5194	12670	45.2410	26.574	37.00	41.250	2617.900	63.934	-5.206	32.063	5.220	6.604	31.496	33.975	5.5316	1.07257	0.00015	45.2412	250.000
3.5197	12671	45.2412	26.575	37.00	41.250	2618.102	63.939	-5.206	32.064	5.220	6.604	31.496	33.975	5.5316	1.07247	0.00015	45.2413	250.000
3.5200	12672	45.2413	26.575	37.00	41.250	2618.304	63.944	-5.206	32.064	5.221	6.604	31.496	33.975	5.5316	1.07237	0.00015	45.2415	250.000
3.5203	12673	45.2415	26.575	37.00	41.250	2618.506	63.949	-5.206	32.065	5.221	6.604	31.496	33.975	5.5316	1.07228	0.00015	45.2416	250.000
3.5206	12674	45.2416	26.575	37.00	41.250	2618.708	63.954	-5.206	32.066	5.221	6.604	31.496	33.975	5.5316	1.07218	0.00015	45.2418	250.000
3.5208	12675	45.2418	26.575	37.00	41.250	2618.910	63.959	-5.206	32.066	5.221	6.604	31.496	33.975	5.5316	1.07208	0.00015	45.2419	250.000
3.5211	12676	45.2419	26.575	37.00	41.250	2619.112	63.964	-5.206	32.067	5.221	6.604	31.496	33.975	5.5316	1.07199	0.00015	45.2421	250.000
3.5214	12677	45.2421	26.575	37.00	41.250	2619.314	63.969	-5.206	32.067	5.221	6.603	31.496	33.975	5.5316	1.07189	0.00015	45.2423	250.000
3.5217	12678	45.2423	26.576	37.00	41.250	2619.516	63.974	-5.206	32.068	5.221	6.603	31.496	33.975	5.5316	1.07179	0.00015	45.2424	250.000
3.5219	12679	45.2424	26.576	37.00	41.250	2619.718	63.979	-5.206	32.069	5.221	6.603	31.496	33.975	5.5316	1.07169	0.00015	45.2426	250.000
3.5222	12680	45.2426	26.576	37.00	41.250	2619.920	63.984	-5.206	32.069	5.221	6.603	31.496	33.975	5.5316	1.07160	0.00015	45.2427	250.000
3.5225	12681	45.2427	26.576	37.00	41.250	2620.122	63.989	-5.206	32.070	5.221	6.603	31.496	33.975	5.5316	1.07150	0.00015	45.2429	250.000
3.5228	12682	45.2429	26.576	37.00	41.250	2620.324	63.994	-5.206	32.070	5.221	6.603	31.496	33.975	5.5316	1.07140	0.00015	45.2430	250.000

3.5231	12683	45.2430	26.576	37.00	41.250	2620.526	63.999	-5.206	32.071	5.222	6.603	31.496	33.975	5.5316	1.07131	0.00015	45.2432	250.000
3.5233	12684	45.2432	26.577	37.00	41.250	2620.728	64.003	-5.206	32.071	5.222	6.603	31.496	33.975	5.5316	1.07121	0.00015	45.2433	250.000
3.5236	12685	45.2433	26.577	37.00	41.250	2620.930	64.008	-5.206	32.072	5.222	6.603	31.496	33.975	5.5316	1.07111	0.00015	45.2435	250.000
3.5239	12686	45.2435	26.577	37.00	41.250	2621.132	64.013	-5.206	32.073	5.222	6.603	31.496	33.975	5.5316	1.07102	0.00015	45.2436	250.000
3.5242	12687	45.2436	26.577	37.00	41.250	2621.334	64.018	-5.206	32.073	5.222	6.602	31.496	33.975	5.5316	1.07092	0.00015	45.2438	250.000
3.5244	12688	45.2438	26.577	37.00	41.250	2621.536	64.023	-5.206	32.074	5.222	6.602	31.496	33.975	5.5316	1.07082	0.00015	45.2439	250.000
3.5247	12689	45.2439	26.577	37.00	41.250	2621.738	64.028	-5.206	32.074	5.222	6.602	31.496	33.975	5.5316	1.07072	0.00015	45.2441	250.000
3.5250	12690	45.2441	26.577	37.00	41.250	2621.940	64.033	-5.206	32.075	5.222	6.602	31.496	33.975	5.5316	1.07063	0.00015	45.2442	250.000
3.5253	12691	45.2442	26.578	37.00	41.250	2622.142	64.038	-5.206	32.076	5.222	6.602	31.496	33.975	5.5316	1.07053	0.00015	45.2444	250.000
3.5256	12692	45.2444	26.578	37.00	41.250	2622.344	64.043	-5.206	32.076	5.222	6.602	31.496	33.975	5.5316	1.07043	0.00015	45.2445	250.000
3.5258	12693	45.2445	26.578	37.00	41.250	2622.546	64.048	-5.206	32.077	5.223	6.602	31.496	33.975	5.5316	1.07034	0.00015	45.2447	250.000
3.5261	12694	45.2447	26.578	37.00	41.250	2622.749	64.053	-5.206	32.077	5.223	6.602	31.496	33.975	5.5316	1.07024	0.00015	45.2449	250.000
3.5264	12695	45.2449	26.578	37.00	41.250	2622.951	64.058	-5.206	32.078	5.223	6.602	31.496	33.975	5.5316	1.07014	0.00015	45.2450	250.000
3.5267	12696	45.2450	26.578	37.00	41.250	2623.153	64.063	-5.206	32.079	5.223	6.602	31.496	33.975	5.5316	1.07005	0.00015	45.2452	250.000
3.5269	12697	45.2452	26.579	37.00	41.250	2623.355	64.068	-5.206	32.079	5.223	6.602	31.496	33.975	5.5316	1.06995	0.00015	45.2453	250.000
3.5272	12698	45.2453	26.579	37.00	41.250	2623.557	64.073	-5.206	32.080	5.223	6.601	31.496	33.975	5.5316	1.06985	0.00015	45.2455	250.000
3.5275	12699	45.2455	26.579	37.00	41.250	2623.759	64.077	-5.206	32.080	5.223	6.601	31.496	33.975	5.5316	1.06976	0.00015	45.2456	250.000
3.5278	12700	45.2456	26.579	37.00	41.250	2623.961	64.082	-5.206	32.081	5.223	6.601	31.496	33.975	5.5316	1.06966	0.00015	45.2458	250.000
3.5281	12701	45.2458	26.579	37.00	41.250	2624.163	64.087	-5.206	32.082	5.223	6.601	31.496	33.975	5.5316	1.06956	0.00015	45.2459	250.000
3.5283	12702	45.2459	26.579	37.00	41.250	2624.365	64.092	-5.206	32.082	5.223	6.601	31.496	33.975	5.5316	1.06947	0.00015	45.2461	250.000
3.5286	12703	45.2461	26.579	37.00	41.250	2624.567	64.097	-5.206	32.083	5.224	6.601	31.496	33.975	5.5316	1.06937	0.00015	45.2462	250.000
3.5289	12704	45.2462	26.580	37.00	41.250	2624.769	64.102	-5.206	32.083	5.224	6.601	31.496	33.975	5.5316	1.06927	0.00015	45.2464	250.000
3.5292	12705	45.2464	26.580	37.00	41.250	2624.971	64.107	-5.206	32.084	5.224	6.601	31.496	33.975	5.5316	1.06918	0.00015	45.2465	250.000
3.5294	12706	45.2465	26.580	37.00	41.250	2625.173	64.112	-5.206	32.085	5.224	6.601	31.496	33.975	5.5316	1.06908	0.00015	45.2467	250.000
3.5297	12707	45.2467	26.580	37.00	41.250	2625.375	64.117	-5.206	32.085	5.224	6.601	31.496	33.975	5.5316	1.06898	0.00015	45.2468	250.000
3.5300	12708	45.2468	26.580	37.00	41.250	2625.577	64.122	-5.206	32.086	5.224	6.600	31.496	33.975	5.5316	1.06889	0.00015	45.2470	250.000
3.5303	12709	45.2470	26.580	37.00	41.250	2625.779	64.127	-5.206	32.086	5.224	6.600	31.496	33.975	5.5316	1.06879	0.00015	45.2471	250.000
3.5306	12710	45.2471	26.581	37.00	41.250	2625.981	64.132	-5.206	32.087	5.224	6.600	31.496	33.975	5.5316	1.06869	0.00015	45.2473	250.000
3.5308	12711	45.2473	26.581	37.00	41.250	2626.183	64.137	-5.206	32.088	5.224	6.600	31.496	33.975	5.5316	1.06860	0.00015	45.2475	250.000
3.5311	12712	45.2475	26.581	37.00	41.250	2626.385	64.142	-5.206	32.088	5.224	6.600	31.496	33.975	5.5316	1.06850	0.00015	45.2476	250.000
3.5314	12713	45.2476	26.581	37.00	41.250	2626.587	64.147	-5.206	32.089	5.224	6.600	31.496	33.975	5.5316	1.06840	0.00015	45.2478	250.000
3.5317	12714	45.2478	26.581	37.00	41.250	2626.789	64.151	-5.206	32.089	5.225	6.600	31.496	33.975	5.5316	1.06831	0.00015	45.2479	250.000
3.5319	12715	45.2479	26.581	37.00	41.250	2626.991	64.156	-5.206	32.090	5.225	6.600	31.496	33.975	5.5316	1.06821	0.00015	45.2481	250.000
3.5322	12716	45.2481	26.581	37.00	41.250	2627.193	64.161	-5.206	32.091	5.225	6.600	31.496	33.975	5.5316	1.06811	0.00015	45.2482	250.000
3.5325	12717	45.2482	26.582	37.00	41.250	2627.395	64.166	-5.206	32.091	5.225	6.600	31.496	33.975	5.5316	1.06802	0.00015	45.2484	250.000
3.5328	12718	45.2484	26.582	37.00	41.250	2627.597	64.171	-5.206	32.092	5.225	6.599	31.496	33.975	5.5316	1.06792	0.00015	45.2485	250.000
3.5331	12719	45.2485	26.582	37.00	41.250	2627.799	64.176	-5.206	32.092	5.225	6.599	31.496	33.975	5.5316	1.06782	0.00015	45.2487	250.000
3.5333	12720	45.2487	26.582	37.00	41.250	2628.001	64.181	-5.206	32.093	5.225	6.599	31.496	33.975	5.5316	1.06773	0.00015	45.2488	250.000
3.5336	12721	45.2488	26.582	37.00	41.250	2628.203	64.186	-5.206	32.093	5.225	6.599	31.496	33.975	5.5316	1.06763	0.00015	45.2490	250.000
3.5339	12722	45.2490	26.582	37.00	41.250	2628.405	64.191	-5.206	32.094	5.225	6.599	31.496	33.975	5.5316	1.06753	0.00015	45.2491	250.000
3.5342	12723	45.2491	26.583	37.00	41.250	2628.607	64.196	-5.206	32.095	5.225	6.599	31.496	33.975	5.5316	1.06744	0.00015	45.2493	250.000
3.5344	12724	45.2493	26.583	37.00	41.250	2628.809	64.201	-5.206	32.095	5.226	6.599	31.496	33.975	5.5316	1.06734	0.00015	45.2494	250.000
3.5347	12725	45.2494	26.583	37.00	41.250	2629.011	64.206	-5.206	32.096	5.226	6.599	31.496	33.975	5.5316	1.06724	0.00015	45.2496	250.000
3.5350	12726	45.2496	26.583	37.00	41.250	2629.213	64.211	-5.206	32.096	5.226	6.599	31.496	33.975	5.5316	1.06715	0.00015	45.2497	250.000
3.5353	12727	45.2497	26.583	37.00	41.250	2629.415	64.216	-5.206	32.097	5.226	6.599	31.496	33.975	5.5316	1.06705	0.00015	45.2499	250.000
3.5356	12728	45.2499	26.583	37.00	41.250	2629.618	64.221	-5.206	32.098	5.226	6.599	31.496	33.975	5.5316	1.06695	0.00015	45.2500	250.000
3.5358	12729	45.2500	26.583	37.00	41.250	2629.820	64.225	-5.206	32.098	5.226	6.598	31.496	33.975	5.5316	1.06686	0.00015	45.2502	250.000
3.5361	12730	45.2502	26.584	37.00	41.250	2630.022	64.230	-5.206	32.099	5.226	6.598	31.496	33.975	5.5316	1.06676	0.00015	45.2504	250.000
3.5364	12731	45.2504	26.584	37.00	41.250	2630.224	64.235	-5.206	32.099	5.226	6.598	31.496	33.975	5.5316	1.06666	0.00015	45.2505	250.000
3.5367	12732	45.2505	26.584	37.00	41.250	2630.426	64.240	-5.206	32.100	5.226	6.598	31.496	33.975	5.5316	1.06657	0.00015	45.2507	250.000
3.5369	12733	45.2507	26.584	37.00	41.250	2630.628	64.245	-5.206	32.101	5.226	6.598	31.496	33.975	5.5316	1.06647	0.00015	45.2508	250.000
3.5372	12734	45.2508	26.584	37.00	41.250	2630.830	64.250	-5.206	32.101	5.227	6.598	31.496	33.975	5.5316	1.06637	0.00015	45.2510	250.000
3.5375	12735	45.2510	26.584	37.00	41.250	2631.032	64.255	-5.206	32.102	5.227	6.598	31.496	33.975	5.5316	1.06628	0.00015	45.2511	250.000
3.5378	12736	45.2511	26.585	37.00	41.250	2631.234	64.260	-5.206	32.102	5.227	6.598	31.496	33.975	5.5316	1.06618	0.00015	45.2513	250.000
3.5381	12737	45.2513	26.585	37.00	41.250	2631.436	64.265	-5.206	32.103	5.227	6.598	31.496	33.975	5.5316	1.06608	0.00015	45.2514	250.000
3.5383	12738	45.2514	26.585	37.00	41.250	2631.638	64.270	-5.206	32.104	5.227	6.598	31.496	33.975	5.5316	1.06599	0.00015	45.2516	250.000
3.5386	12739	45.2516	26.585	37.00	41.250	2631.840	64.275	-5.206	32.104	5.227	6.597	31.496	33.975	5.5316	1.06589	0.00015	45.2517	250.000
3.5389	12740	45.2517	26.585	37.00	41.250	2632.042	64.280	-5.206	32.105	5.227	6.597	31.496	33.975	5.5316	1.06579	0.00015	45.2519	250.000
3.5392	12741	45.2519	26.585	37.00	41.250	2632.244	64.285	-5.206	32.105	5.227	6.597	31.496	33.975	5.5316	1.06570	0.00015	45.2520	250.000
3.5394	12742	45.2520	26.585	37.00	41.250	2632.446	64.290	-5.206	32.106	5.227	6.597	31.496	33.975	5.5316	1.06560	0.00015	45.2522	250.000
3.5397	12743	45.2522	26.586	37.00	41.250	2632.648	64.295	-5.206	32.107	5.227	6.597	31.496	33.975	5.5316	1.06551	0.00015	45.2523	250.000
3.5400	12744	45.2523	26.586	37.00	41.250	2632.850	64.299	-5.206	32.107	5.227	6.597	31.496	33.975	5.5316	1.06541	0.00015	45.2525	250.000
3.5403	12745	45.2525	26.586	37.00	41.250	2633.052	64.304	-5.206	32.108	5.228	6.597	31.496	33.975	5.5316	1.06531	0.00015	45.2526	250.000
3.5406	12746	45.2526	26.586	37.00	41.250	2633.254	64.309	-5.206	32.108	5.228	6.597	31.496	33.975	5.5316	1.06522	0.00015	45.2528	250.000
3.5408	12747	45.2528	26.586	37.00	41.250	2633.456	64.314	-5.206	32.109	5.228	6.597	31.496	33.975	5.5316	1.06512	0.00015	45.2529	250.000
3.5411	12748	45.2529	26.586	37.00	41.250	2633.658	64.319	-5.206	32.109	5.228	6.597	31.496	33.975	5.5316	1.06502	0.00015	45.2531	250.000
3.5414	12749	45.2531	26.586	37.00	41.250	2633.860	64.324	-5.206	32.110	5.228	6.596	31.496	33.975	5.5316	1.06493	0.00015	45.2532	250.000
3.5417	12750	45.2532	26.587	37.00	41.250	2634.062	64.329	-5.206	32.111	5.228	6.596	31.496	33.975	5.5316	1.06483	0.00015	45.2534	250.000
3.5419	12751	45.2534	26.587	37.00	41.250	2634.264	64.334	-5.206	32.111	5.228	6.596	31.496	33.975	5.5316	1.06473	0.00015	45.2535	250.000
3.5422	12752	45.2535	26.587	37.00	41.250	2634.466	64.339	-5.206	32.112	5.228	6.596	31.496	33.975	5.5316	1.06464	0.00015	45.2537	250.000
3.5425	12753	45.2537	26.587	37.00	41.250	2634.668	64.344	-5.206	32.112	5.228	6.596	31.496	33.975	5.5316	1.06454	0.00015	45.2539	250.000
3.5428	12754	45.2539	26.587	37.00	41.250	2634.870	64.349	-5.206	32.113	5.228	6.596	31.496	33.975	5.5316	1.06444	0.00015	45.2540	250.000
3.5431	12755	45.2540	26.587	37.00	41.250	2635.072	64.354	-5.206	32.114	5.229	6.596	31.496	33.975	5.5316	1.06435	0.00015	45.2542	250.000
3.5433	12756	45.2542	26.588	37.00	41.250	2635.274	64.359	-5.206	32.114	5.229	6.596	31.496	33.975	5.5316	1.06425	0.00015	45.2543	250.000
3.5436	12757	45.2543	26.588	37.00	41.250	2635.476	64.364	-5.206	32.115	5.229	6.596	31.496	33.975	5.5316	1.06416	0.00015	45.2545	250.000
3.5439	12758	45.2545	26.588	37.00	41.250	2635.678	64.369	-5.206	32.115	5.229	6.596	31.496	33.975	5.5316	1.06406	0.00015	45.2546	250.000
3.5442	12759	45.2546	26.588	37.00	41.250	2635.880	64.373	-5.206	32.116	5.229	6.596	31.496	33.975	5.5316	1.06396	0.00015	45.2548	250.000
3.5444	12760	45.2548	26.588	37.00	41.250	2636.082	64.378	-5.206	32.117	5.229	6.595	31.496	33.975	5.5316	1.06387	0.00015	45.2549	250.000
3.5447	12761	45.2549	26.588	37.00	41.250	2636.285	64.383	-5.206	32.117	5.229	6.595	31.496	33.975	5.5316	1.06377	0.00015	45.2551	250.000
3.5450	12762	45.2551	26.588	37.00	41.250	2636.487	64.388	-5.206	32.118	5.229	6.595	31.496	33.975	5.5316	1.06367	0.00015	45.2552	250.000
3.5453	12763	45.2552	26.589	37.00	41.250	2636.689	64.393	-5.206	32.118	5.229	6.595	31.496	33.975	5.5316	1.06358	0.00015	45.2554	250.000

3.5456	12764	45.2554	26.589	37.00	41.250	2636.891	64.398	-5.206	32.119	5.229	6.595	31.496	33.975	5.5316	1.06348	0.00015	45.2555	250.000
3.5458	12765	45.2555	26.589	37.00	41.250	2637.093	64.403	-5.206	32.120	5.229	6.595	31.496	33.975	5.5316	1.06339	0.00015	45.2557	250.000
3.5461	12766	45.2557	26.589	37.00	41.250	2637.295	64.408	-5.206	32.120	5.230	6.595	31.496	33.975	5.5316	1.06329	0.00015	45.2558	250.000
3.5464	12767	45.2558	26.589	37.00	41.250	2637.497	64.413	-5.206	32.121	5.230	6.595	31.496	33.975	5.5316	1.06319	0.00015	45.2560	250.000
3.5467	12768	45.2560	26.589	37.00	41.250	2637.699	64.418	-5.206	32.121	5.230	6.595	31.496	33.975	5.5316	1.06310	0.00015	45.2561	250.000
3.5469	12769	45.2561	26.590	37.00	41.250	2637.901	64.423	-5.206	32.122	5.230	6.595	31.496	33.975	5.5316	1.06300	0.00015	45.2563	250.000
3.5472	12770	45.2563	26.590	37.00	41.250	2638.103	64.428	-5.206	32.122	5.230	6.594	31.496	33.975	5.5316	1.06290	0.00015	45.2564	250.000
3.5475	12771	45.2564	26.590	37.00	41.250	2638.305	64.433	-5.206	32.123	5.230	6.594	31.496	33.975	5.5316	1.06281	0.00015	45.2566	250.000
3.5478	12772	45.2566	26.590	37.00	41.250	2638.507	64.438	-5.206	32.124	5.230	6.594	31.496	33.975	5.5316	1.06271	0.00015	45.2567	250.000
3.5481	12773	45.2567	26.590	37.00	41.250	2638.709	64.443	-5.206	32.124	5.230	6.594	31.496	33.975	5.5316	1.06262	0.00015	45.2569	250.000
3.5483	12774	45.2569	26.590	37.00	41.250	2638.911	64.448	-5.206	32.125	5.230	6.594	31.496	33.975	5.5316	1.06252	0.00015	45.2570	250.000
3.5486	12775	45.2570	26.590	37.00	41.250	2639.113	64.452	-5.206	32.125	5.230	6.594	31.496	33.975	5.5316	1.06242	0.00015	45.2572	250.000
3.5489	12776	45.2572	26.591	37.00	41.250	2639.315	64.457	-5.206	32.126	5.231	6.594	31.496	33.975	5.5316	1.06233	0.00015	45.2573	250.000
3.5492	12777	45.2573	26.591	37.00	41.250	2639.517	64.462	-5.206	32.127	5.231	6.594	31.496	33.975	5.5316	1.06223	0.00015	45.2575	250.000
3.5494	12778	45.2575	26.591	37.00	41.250	2639.719	64.467	-5.206	32.127	5.231	6.594	31.496	33.975	5.5316	1.06214	0.00015	45.2576	250.000
3.5497	12779	45.2576	26.591	37.00	41.250	2639.921	64.472	-5.206	32.128	5.231	6.594	31.496	33.975	5.5316	1.06204	0.00015	45.2578	250.000
3.5500	12780	45.2578	26.591	37.00	41.250	2640.123	64.477	-5.206	32.128	5.231	6.593	31.496	33.975	5.5316	1.06194	0.00015	45.2580	250.000
3.5503	12781	45.2580	26.591	37.00	41.250	2640.325	64.482	-5.206	32.129	5.231	6.593	31.496	33.975	5.5316	1.06185	0.00015	45.2581	250.000
3.5506	12782	45.2581	26.591	37.00	41.250	2640.527	64.487	-5.206	32.130	5.231	6.593	31.496	33.975	5.5316	1.06175	0.00015	45.2583	250.000
3.5508	12783	45.2583	26.592	37.00	41.250	2640.729	64.492	-5.206	32.130	5.231	6.593	31.496	33.975	5.5316	1.06165	0.00015	45.2584	250.000
3.5511	12784	45.2584	26.592	37.00	41.250	2640.931	64.497	-5.206	32.131	5.231	6.593	31.496	33.975	5.5316	1.06156	0.00015	45.2586	250.000
3.5514	12785	45.2586	26.592	37.00	41.250	2641.133	64.502	-5.206	32.131	5.231	6.593	31.496	33.975	5.5316	1.06146	0.00015	45.2587	250.000
3.5517	12786	45.2587	26.592	37.00	41.250	2641.335	64.507	-5.206	32.132	5.232	6.593	31.496	33.975	5.5316	1.06137	0.00015	45.2589	250.000
3.5519	12787	45.2589	26.592	37.00	41.250	2641.537	64.512	-5.206	32.133	5.232	6.593	31.496	33.975	5.5316	1.06127	0.00015	45.2590	250.000
3.5522	12788	45.2590	26.592	37.00	41.250	2641.739	64.517	-5.206	32.133	5.232	6.593	31.496	33.975	5.5316	1.06117	0.00015	45.2592	250.000
3.5525	12789	45.2592	26.593	37.00	41.250	2641.941	64.522	-5.206	32.134	5.232	6.593	31.496	33.975	5.5316	1.06108	0.00015	45.2593	250.000
3.5528	12790	45.2593	26.593	37.00	41.250	2642.143	64.526	-5.206	32.134	5.232	6.593	31.496	33.975	5.5316	1.06098	0.00015	45.2595	250.000
3.5531	12791	45.2595	26.593	37.00	41.250	2642.345	64.531	-5.206	32.135	5.232	6.592	31.496	33.975	5.5316	1.06089	0.00015	45.2596	250.000
3.5533	12792	45.2596	26.593	37.00	41.250	2642.547	64.536	-5.206	32.135	5.232	6.592	31.496	33.975	5.5316	1.06079	0.00015	45.2598	250.000
3.5536	12793	45.2598	26.593	37.00	41.250	2642.749	64.541	-5.206	32.136	5.232	6.592	31.496	33.975	5.5316	1.06069	0.00015	45.2599	250.000
3.5539	12794	45.2599	26.593	37.00	41.250	2642.952	64.546	-5.206	32.137	5.232	6.592	31.496	33.975	5.5316	1.06060	0.00015	45.2601	250.000
3.5542	12795	45.2601	26.593	37.00	41.250	2643.154	64.551	-5.206	32.137	5.232	6.592	31.496	33.975	5.5316	1.06050	0.00015	45.2602	250.000
3.5544	12796	45.2602	26.594	37.00	41.250	2643.356	64.556	-5.206	32.138	5.232	6.592	31.496	33.975	5.5316	1.06041	0.00015	45.2604	250.000
3.5547	12797	45.2604	26.594	37.00	41.250	2643.558	64.561	-5.206	32.138	5.233	6.592	31.496	33.975	5.5316	1.06031	0.00015	45.2605	250.000
3.5550	12798	45.2605	26.594	37.00	41.250	2643.760	64.566	-5.206	32.139	5.233	6.592	31.496	33.975	5.5316	1.06021	0.00015	45.2607	250.000
3.5553	12799	45.2607	26.594	37.00	41.250	2643.962	64.571	-5.206	32.140	5.233	6.592	31.496	33.975	5.5316	1.06012	0.00015	45.2608	250.000
3.5556	12800	45.2608	26.594	37.00	41.250	2644.164	64.576	-5.206	32.140	5.233	6.592	31.496	33.975	5.5316	1.06002	0.00015	45.2610	250.000
3.5558	12801	45.2610	26.594	37.00	41.250	2644.366	64.581	-5.206	32.141	5.233	6.591	31.496	33.975	5.5316	1.05993	0.00015	45.2611	250.000
3.5561	12802	45.2611	26.595	37.00	41.250	2644.568	64.586	-5.206	32.141	5.233	6.591	31.496	33.975	5.5316	1.05983	0.00015	45.2613	250.000
3.5564	12803	45.2613	26.595	37.00	41.250	2644.770	64.591	-5.206	32.142	5.233	6.591	31.496	33.975	5.5316	1.05974	0.00015	45.2614	250.000
3.5567	12804	45.2614	26.595	37.00	41.250	2644.972	64.596	-5.206	32.143	5.233	6.591	31.496	33.975	5.5316	1.05964	0.00015	45.2616	250.000
3.5569	12805	45.2616	26.595	37.00	41.250	2645.174	64.600	-5.206	32.143	5.233	6.591	31.496	33.975	5.5316	1.05954	0.00015	45.2617	250.000
3.5572	12806	45.2617	26.595	37.00	41.250	2645.376	64.605	-5.206	32.144	5.233	6.591	31.496	33.975	5.5316	1.05945	0.00015	45.2619	250.000
3.5575	12807	45.2619	26.595	37.00	41.250	2645.578	64.610	-5.206	32.144	5.234	6.591	31.496	33.975	5.5316	1.05935	0.00015	45.2620	250.000
3.5578	12808	45.2620	26.595	37.00	41.250	2645.780	64.615	-5.206	32.145	5.234	6.591	31.496	33.975	5.5316	1.05926	0.00015	45.2622	250.000
3.5581	12809	45.2622	26.596	37.00	41.250	2645.982	64.620	-5.206	32.145	5.234	6.591	31.496	33.975	5.5316	1.05916	0.00015	45.2623	250.000
3.5583	12810	45.2623	26.596	37.00	41.250	2646.184	64.625	-5.206	32.146	5.234	6.591	31.496	33.975	5.5316	1.05906	0.00015	45.2625	250.000
3.5586	12811	45.2625	26.596	37.00	41.250	2646.386	64.630	-5.206	32.147	5.234	6.591	31.496	33.975	5.5316	1.05897	0.00015	45.2626	250.000
3.5589	12812	45.2626	26.596	37.00	41.250	2646.588	64.635	-5.206	32.147	5.234	6.590	31.496	33.975	5.5316	1.05887	0.00015	45.2628	250.000
3.5592	12813	45.2628	26.596	37.00	41.250	2646.790	64.640	-5.206	32.148	5.234	6.590	31.496	33.975	5.5316	1.05878	0.00015	45.2630	250.000
3.5594	12814	45.2630	26.596	37.00	41.250	2646.992	64.645	-5.206	32.148	5.234	6.590	31.496	33.975	5.5316	1.05868	0.00015	45.2631	250.000
3.5597	12815	45.2631	26.596	37.00	41.250	2647.194	64.650	-5.206	32.149	5.234	6.590	31.496	33.975	5.5316	1.05858	0.00015	45.2633	250.000
3.5600	12816	45.2633	26.597	37.00	41.250	2647.396	64.655	-5.206	32.150	5.234	6.590	31.496	33.975	5.5316	1.05849	0.00015	45.2634	250.000
3.5603	12817	45.2634	26.597	37.00	41.250	2647.598	64.660	-5.206	32.150	5.234	6.590	31.496	33.975	5.5316	1.05839	0.00015	45.2636	250.000
3.5606	12818	45.2636	26.597	37.00	41.250	2647.800	64.665	-5.206	32.151	5.235	6.590	31.496	33.975	5.5316	1.05830	0.00015	45.2637	250.000
3.5608	12819	45.2637	26.597	37.00	41.250	2648.002	64.670	-5.206	32.151	5.235	6.590	31.496	33.975	5.5316	1.05820	0.00015	45.2639	250.000
3.5611	12820	45.2639	26.597	37.00	41.250	2648.204	64.674	-5.206	32.152	5.235	6.590	31.496	33.975	5.5316	1.05811	0.00015	45.2640	250.000
3.5614	12821	45.2640	26.597	37.00	41.250	2648.406	64.679	-5.206	32.153	5.235	6.590	31.496	33.975	5.5316	1.05801	0.00015	45.2642	250.000
3.5617	12822	45.2642	26.598	37.00	41.250	2648.608	64.684	-5.206	32.153	5.235	6.589	31.496	33.975	5.5316	1.05791	0.00015	45.2643	250.000
3.5619	12823	45.2643	26.598	37.00	41.250	2648.810	64.689	-5.206	32.154	5.235	6.589	31.496	33.975	5.5316	1.05782	0.00015	45.2645	250.000
3.5622	12824	45.2645	26.598	37.00	41.250	2649.012	64.694	-5.206	32.154	5.235	6.589	31.496	33.975	5.5316	1.05772	0.00015	45.2646	250.000
3.5625	12825	45.2646	26.598	37.00	41.250	2649.214	64.699	-5.206	32.155	5.235	6.589	31.496	33.975	5.5316	1.05763	0.00015	45.2648	250.000
3.5628	12826	45.2648	26.598	37.00	41.250	2649.416	64.704	-5.206	32.155	5.235	6.589	31.496	33.975	5.5316	1.05753	0.00015	45.2649	250.000
3.5631	12827	45.2649	26.598	37.00	41.250	2649.618	64.709	-5.206	32.156	5.235	6.589	31.496	33.975	5.5316	1.05744	0.00015	45.2651	250.000
3.5633	12828	45.2651	26.598	37.00	41.250	2649.821	64.714	-5.206	32.157	5.236	6.589	31.496	33.975	5.5316	1.05734	0.00015	45.2652	250.000
3.5636	12829	45.2652	26.599	37.00	41.250	2650.023	64.719	-5.206	32.157	5.236	6.589	31.496	33.975	5.5316	1.05724	0.00015	45.2654	250.000
3.5639	12830	45.2654	26.599	37.00	41.250	2650.225	64.724	-5.206	32.158	5.236	6.589	31.496	33.975	5.5316	1.05715	0.00015	45.2655	250.000
3.5642	12831	45.2655	26.599	37.00	41.250	2650.427	64.729	-5.206	32.158	5.236	6.589	31.496	33.975	5.5316	1.05705	0.00015	45.2657	250.000
3.5644	12832	45.2657	26.599	37.00	41.250	2650.629	64.734	-5.206	32.159	5.236	6.589	31.496	33.975	5.5316	1.05696	0.00015	45.2658	250.000
3.5647	12833	45.2658	26.599	37.00	41.250	2650.831	64.739	-5.206	32.160	5.236	6.588	31.496	33.975	5.5316	1.05686	0.00015	45.2660	250.000
3.5650	12834	45.2660	26.599	37.00	41.250	2651.033	64.744	-5.206	32.160	5.236	6.588	31.496	33.975	5.5316	1.05677	0.00015	45.2661	250.000
3.5653	12835	45.2661	26.600	37.00	41.250	2651.235	64.748	-5.206	32.161	5.236	6.588	31.496	33.975	5.5316	1.05667	0.00015	45.2663	250.000
3.5656	12836	45.2663	26.600	37.00	41.250	2651.437	64.753	-5.206	32.161	5.236	6.588	31.496	33.975	5.5316	1.05658	0.00015	45.2664	250.000
3.5658	12837	45.2664	26.600	37.00	41.250	2651.639	64.758	-5.206	32.162	5.236	6.588	31.496	33.975	5.5316	1.05648	0.00015	45.2666	250.000
3.5661	12838	45.2666	26.600	37.00	41.250	2651.841	64.763	-5.206	32.163	5.236	6.588	31.496	33.975	5.5316	1.05638	0.00015	45.2667	250.000
3.5664	12839	45.2667	26.600	37.00	41.250	2652.043	64.768	-5.206	32.163	5.237	6.588	31.496	33.975	5.5316	1.05629	0.00015	45.2669	250.000
3.5667	12840	45.2669	26.600	37.00	41.250	2652.245	64.773	-5.206	32.164	5.237	6.588	31.496	33.975	5.5316	1.05619	0.00015	45.2670	250.000
3.5669	12841	45.2670	26.600	37.00	41.250	2652.447	64.778	-5.206	32.164	5.237	6.588	31.496	33.975	5.5316	1.05610	0.00015	45.2672	250.000
3.5672	12842	45.2672	26.601	37.00	41.250	2652.649	64.783	-5.206	32.165	5.237	6.588	31.496	33.975	5.5316	1.05600	0.00015	45.2673	250.000
3.5675	12843	45.2673	26.601	37.00	41.250	2652.851	64.788	-5.206	32.165	5.237	6.587	31.496	33.975	5.5316	1.05591	0.00015	45.2675	250.000
3.5678	12844	45.2675	26.601	37.00	41.250	2653.053	64.793	-5.206	32.166	5.237	6.587	31.496	33.975	5.5316	1.05581	0.00015	45.2676	250.000

3.5681	12845	45.2676	26.601	37.00	41.250	2653.255	64.798	-5.206	32.167	5.237	6.587	31.496	33.975	5.5316	1.05571	0.00015	45.2678	250.000
3.5683	12846	45.2678	26.601	37.00	41.250	2653.457	64.803	-5.206	32.167	5.237	6.587	31.496	33.975	5.5316	1.05562	0.00015	45.2679	250.000
3.5686	12847	45.2679	26.601	37.00	41.250	2653.659	64.808	-5.206	32.168	5.237	6.587	31.496	33.975	5.5316	1.05552	0.00015	45.2681	250.000
3.5689	12848	45.2681	26.601	37.00	41.250	2653.861	64.813	-5.206	32.168	5.237	6.587	31.496	33.975	5.5316	1.05543	0.00015	45.2682	250.000
3.5692	12849	45.2682	26.602	37.00	41.250	2654.063	64.818	-5.206	32.169	5.238	6.587	31.496	33.975	5.5316	1.05533	0.00015	45.2684	250.000
3.5694	12850	45.2684	26.602	37.00	41.250	2654.265	64.822	-5.206	32.170	5.238	6.587	31.496	33.975	5.5316	1.05524	0.00015	45.2685	250.000
3.5697	12851	45.2685	26.602	37.00	41.250	2654.467	64.827	-5.206	32.170	5.238	6.587	31.496	33.975	5.5316	1.05514	0.00015	45.2687	250.000
3.5700	12852	45.2687	26.602	37.00	41.250	2654.669	64.832	-5.206	32.171	5.238	6.587	31.496	33.975	5.5316	1.05505	0.00015	45.2688	250.000
3.5703	12853	45.2688	26.602	37.00	41.250	2654.871	64.837	-5.206	32.171	5.238	6.587	31.496	33.975	5.5316	1.05495	0.00015	45.2690	250.000
3.5706	12854	45.2690	26.602	37.00	41.250	2655.073	64.842	-5.206	32.172	5.238	6.586	31.496	33.975	5.5316	1.05486	0.00015	45.2691	250.000
3.5708	12855	45.2691	26.603	37.00	41.250	2655.275	64.847	-5.206	32.173	5.238	6.586	31.496	33.975	5.5316	1.05476	0.00015	45.2693	250.000
3.5711	12856	45.2693	26.603	37.00	41.250	2655.477	64.852	-5.206	32.173	5.238	6.586	31.496	33.975	5.5316	1.05466	0.00015	45.2694	250.000
3.5714	12857	45.2694	26.603	37.00	41.250	2655.679	64.857	-5.206	32.174	5.238	6.586	31.496	33.975	5.5316	1.05457	0.00015	45.2696	250.000
3.5717	12858	45.2696	26.603	37.00	41.250	2655.881	64.862	-5.206	32.174	5.238	6.586	31.496	33.975	5.5316	1.05447	0.00015	45.2697	250.000
3.5719	12859	45.2697	26.603	37.00	41.250	2656.083	64.867	-5.206	32.175	5.238	6.586	31.496	33.975	5.5316	1.05438	0.00015	45.2699	250.000
3.5722	12860	45.2699	26.603	37.00	41.250	2656.285	64.872	-5.206	32.175	5.239	6.586	31.496	33.975	5.5316	1.05428	0.00015	45.2700	250.000
3.5725	12861	45.2700	26.603	37.00	41.250	2656.488	64.877	-5.206	32.176	5.239	6.586	31.496	33.975	5.5316	1.05419	0.00015	45.2702	250.000
3.5728	12862	45.2702	26.604	37.00	41.250	2656.690	64.882	-5.206	32.177	5.239	6.586	31.496	33.975	5.5316	1.05409	0.00015	45.2703	250.000
3.5731	12863	45.2703	26.604	37.00	41.250	2656.892	64.887	-5.206	32.177	5.239	6.586	31.496	33.975	5.5316	1.05400	0.00015	45.2705	250.000
3.5733	12864	45.2705	26.604	37.00	41.250	2657.094	64.892	-5.206	32.178	5.239	6.585	31.496	33.975	5.5316	1.05390	0.00015	45.2706	250.000
3.5736	12865	45.2706	26.604	37.00	41.250	2657.296	64.896	-5.206	32.178	5.239	6.585	31.496	33.975	5.5316	1.05381	0.00015	45.2708	250.000
3.5739	12866	45.2708	26.604	37.00	41.250	2657.498	64.901	-5.206	32.179	5.239	6.585	31.496	33.975	5.5316	1.05371	0.00015	45.2709	250.000
3.5742	12867	45.2709	26.604	37.00	41.250	2657.700	64.906	-5.206	32.180	5.239	6.585	31.496	33.975	5.5316	1.05362	0.00015	45.2711	250.000
3.5744	12868	45.2711	26.604	37.00	41.250	2657.902	64.911	-5.206	32.180	5.239	6.585	31.496	33.975	5.5316	1.05352	0.00015	45.2712	250.000
3.5747	12869	45.2712	26.605	37.00	41.250	2658.104	64.916	-5.206	32.181	5.239	6.585	31.496	33.975	5.5316	1.05342	0.00015	45.2714	250.000
3.5750	12870	45.2714	26.605	37.00	41.250	2658.306	64.921	-5.206	32.181	5.240	6.585	31.496	33.975	5.5316	1.05333	0.00015	45.2715	250.000
3.5753	12871	45.2715	26.605	37.00	41.250	2658.508	64.926	-5.206	32.182	5.240	6.585	31.496	33.975	5.5316	1.05323	0.00015	45.2717	250.000
3.5756	12872	45.2717	26.605	37.00	41.250	2658.710	64.931	-5.206	32.182	5.240	6.585	31.496	33.975	5.5316	1.05314	0.00015	45.2719	250.000
3.5758	12873	45.2719	26.605	37.00	41.250	2658.912	64.936	-5.206	32.183	5.240	6.585	31.496	33.975	5.5316	1.05304	0.00015	45.2720	250.000
3.5761	12874	45.2720	26.605	37.00	41.250	2659.114	64.941	-5.206	32.184	5.240	6.585	31.496	33.975	5.5316	1.05295	0.00015	45.2722	250.000
3.5764	12875	45.2722	26.606	37.00	41.250	2659.316	64.946	-5.206	32.184	5.240	6.584	31.496	33.975	5.5316	1.05285	0.00015	45.2723	250.000
3.5767	12876	45.2723	26.606	37.00	41.250	2659.518	64.951	-5.206	32.185	5.240	6.584	31.496	33.975	5.5316	1.05276	0.00015	45.2725	250.000
3.5769	12877	45.2725	26.606	37.00	41.250	2659.720	64.956	-5.206	32.185	5.240	6.584	31.496	33.975	5.5316	1.05266	0.00015	45.2726	250.000
3.5772	12878	45.2726	26.606	37.00	41.250	2659.922	64.961	-5.206	32.186	5.240	6.584	31.496	33.975	5.5316	1.05257	0.00015	45.2728	250.000
3.5775	12879	45.2728	26.606	37.00	41.250	2660.124	64.966	-5.206	32.187	5.240	6.584	31.496	33.975	5.5316	1.05247	0.00015	45.2729	250.000
3.5778	12880	45.2729	26.606	37.00	41.250	2660.326	64.971	-5.206	32.187	5.240	6.584	31.496	33.975	5.5316	1.05238	0.00015	45.2731	250.000
3.5781	12881	45.2731	26.606	37.00	41.250	2660.528	64.975	-5.206	32.188	5.241	6.584	31.496	33.975	5.5316	1.05228	0.00015	45.2732	250.000
3.5783	12882	45.2732	26.607	37.00	41.250	2660.730	64.980	-5.206	32.188	5.241	6.584	31.496	33.975	5.5316	1.05219	0.00015	45.2734	250.000
3.5786	12883	45.2734	26.607	37.00	41.250	2660.932	64.985	-5.206	32.189	5.241	6.584	31.496	33.975	5.5316	1.05209	0.00015	45.2735	250.000
3.5789	12884	45.2735	26.607	37.00	41.250	2661.134	64.990	-5.206	32.189	5.241	6.584	31.496	33.975	5.5316	1.05200	0.00015	45.2737	250.000
3.5792	12885	45.2737	26.607	37.00	41.250	2661.336	64.995	-5.206	32.190	5.241	6.583	31.496	33.975	5.5316	1.05190	0.00015	45.2738	250.000
3.5794	12886	45.2738	26.607	37.00	41.250	2661.538	65.000	-5.206	32.191	5.241	6.583	31.496	33.975	5.5316	1.05181	0.00015	45.2740	250.000
3.5797	12887	45.2740	26.607	37.00	41.250	2661.740	65.005	-5.206	32.191	5.241	6.583	31.496	33.975	5.5316	1.05171	0.00015	45.2741	250.000
3.5800	12888	45.2741	26.607	37.00	41.250	2661.942	65.010	-5.206	32.192	5.241	6.583	31.496	33.975	5.5316	1.05161	0.00015	45.2743	250.000
3.5803	12889	45.2743	26.608	37.00	41.250	2662.144	65.015	-5.206	32.192	5.241	6.583	31.496	33.975	5.5316	1.05152	0.00015	45.2744	250.000
3.5806	12890	45.2744	26.608	37.00	41.250	2662.346	65.020	-5.206	32.193	5.241	6.583	31.496	33.975	5.5316	1.05142	0.00015	45.2746	250.000
3.5808	12891	45.2746	26.608	37.00	41.250	2662.548	65.025	-5.206	32.194	5.242	6.583	31.496	33.975	5.5316	1.05133	0.00015	45.2747	250.000
3.5811	12892	45.2747	26.608	37.00	41.250	2662.750	65.030	-5.206	32.194	5.242	6.583	31.496	33.975	5.5316	1.05123	0.00015	45.2749	250.000
3.5814	12893	45.2749	26.608	37.00	41.250	2662.952	65.035	-5.206	32.195	5.242	6.583	31.496	33.975	5.5316	1.05114	0.00015	45.2750	250.000
3.5817	12894	45.2750	26.608	37.00	41.250	2663.154	65.040	-5.206	32.195	5.242	6.583	31.496	33.975	5.5316	1.05104	0.00015	45.2752	250.000
3.5819	12895	45.2752	26.609	37.00	41.250	2663.357	65.045	-5.206	32.196	5.242	6.583	31.496	33.975	5.5316	1.05095	0.00015	45.2753	250.000
3.5822	12896	45.2753	26.609	37.00	41.250	2663.559	65.049	-5.206	32.197	5.242	6.582	31.496	33.975	5.5316	1.05085	0.00015	45.2755	250.000
3.5825	12897	45.2755	26.609	37.00	41.250	2663.761	65.054	-5.206	32.197	5.242	6.582	31.496	33.975	5.5316	1.05076	0.00015	45.2756	250.000
3.5828	12898	45.2756	26.609	37.00	41.250	2663.963	65.059	-5.206	32.198	5.242	6.582	31.496	33.975	5.5316	1.05066	0.00015	45.2758	250.000
3.5831	12899	45.2758	26.609	37.00	41.250	2664.165	65.064	-5.206	32.198	5.242	6.582	31.496	33.975	5.5316	1.05057	0.00015	45.2759	250.000
3.5833	12900	45.2759	26.609	37.00	41.250	2664.367	65.069	-5.206	32.199	5.242	6.582	31.496	33.975	5.5316	1.05047	0.00015	45.2761	250.000
3.5836	12901	45.2761	26.609	37.00	41.250	2664.569	65.074	-5.206	32.199	5.242	6.582	31.496	33.975	5.5316	1.05038	0.00015	45.2762	250.000
3.5839	12902	45.2762	26.610	37.00	41.250	2664.771	65.079	-5.206	32.200	5.243	6.582	31.496	33.975	5.5316	1.05028	0.00015	45.2764	250.000
3.5842	12903	45.2764	26.610	37.00	41.250	2664.973	65.084	-5.206	32.201	5.243	6.582	31.496	33.975	5.5316	1.05019	0.00015	45.2765	250.000
3.5844	12904	45.2765	26.610	37.00	41.250	2665.175	65.089	-5.206	32.201	5.243	6.582	31.496	33.975	5.5316	1.05009	0.00015	45.2767	250.000
3.5847	12905	45.2767	26.610	37.00	41.250	2665.377	65.094	-5.206	32.202	5.243	6.582	31.496	33.975	5.5316	1.05000	0.00015	45.2768	250.000
3.5850	12906	45.2768	26.610	37.00	41.250	2665.579	65.099	-5.206	32.202	5.243	6.581	31.496	33.975	5.5316	1.04990	0.00015	45.2770	250.000
3.5853	12907	45.2770	26.610	37.00	41.250	2665.781	65.104	-5.206	32.203	5.243	6.581	31.496	33.975	5.5316	1.04981	0.00015	45.2771	250.000
3.5856	12908	45.2771	26.610	37.00	41.250	2665.983	65.109	-5.206	32.204	5.243	6.581	31.496	33.975	5.5316	1.04971	0.00015	45.2773	250.000
3.5858	12909	45.2773	26.611	37.00	41.250	2666.185	65.114	-5.206	32.204	5.243	6.581	31.496	33.975	5.5316	1.04962	0.00015	45.2774	250.000
3.5861	12910	45.2774	26.611	37.00	41.250	2666.387	65.119	-5.206	32.205	5.243	6.581	31.496	33.975	5.5316	1.04952	0.00015	45.2776	250.000
3.5864	12911	45.2776	26.611	37.00	41.250	2666.589	65.123	-5.206	32.205	5.243	6.581	31.496	33.975	5.5316	1.04943	0.00015	45.2777	250.000
3.5867	12912	45.2777	26.611	37.00	41.250	2666.791	65.128	-5.206	32.206	5.244	6.581	31.496	33.975	5.5316	1.04933	0.00015	45.2779	250.000
3.5869	12913	45.2779	26.611	37.00	41.250	2666.993	65.133	-5.206	32.206	5.244	6.581	31.496	33.975	5.5316	1.04924	0.00015	45.2780	250.000
3.5872	12914	45.2780	26.611	37.00	41.250	2667.195	65.138	-5.206	32.207	5.244	6.581	31.496	33.975	5.5316	1.04914	0.00015	45.2782	250.000
3.5875	12915	45.2782	26.612	37.00	41.250	2667.397	65.143	-5.206	32.208	5.244	6.581	31.496	33.975	5.5316	1.04905	0.00015	45.2783	250.000
3.5878	12916	45.2783	26.612	37.00	41.250	2667.599	65.148	-5.206	32.208	5.244	6.581	31.496	33.975	5.5316	1.04895	0.00015	45.2785	250.000
3.5881	12917	45.2785	26.612	37.00	41.250	2667.801	65.153	-5.206	32.209	5.244	6.580	31.496	33.975	5.5316	1.04886	0.00015	45.2786	250.000
3.5883	12918	45.2786	26.612	37.00	41.250	2668.003	65.158	-5.206	32.209	5.244	6.580	31.496	33.975	5.5316	1.04876	0.00015	45.2788	250.000
3.5886	12919	45.2788	26.612	37.00	41.250	2668.205	65.163	-5.206	32.210	5.244	6.580	31.496	33.975	5.5316	1.04867	0.00015	45.2789	250.000
3.5889	12920	45.2789	26.612	37.00	41.250	2668.407	65.168	-5.206	32.211	5.244	6.580	31.496	33.975	5.5316	1.04857	0.00015	45.2791	250.000
3.5892	12921	45.2791	26.612	37.00	41.250	2668.609	65.173	-5.206	32.211	5.244	6.580	31.496	33.975	5.5316	1.04848	0.00015	45.2792	250.000
3.5894	12922	45.2792	26.613	37.00	41.250	2668.811	65.178	-5.206	32.212	5.244	6.580	31.496	33.975	5.5316	1.04838	0.00015	45.2794	250.000
3.5897	12923	45.2794	26.613	37.00	41.250	2669.013	65.183	-5.206	32.212	5.245	6.580	31.496	33.975	5.5316	1.04829	0.00015	45.2795	250.000
3.5900	12924	45.2795	26.613	37.00	41.250	2669.215	65.188	-5.206	32.213	5.245	6.580	31.496	33.975	5.5316	1.04819	0.00015	45.2797	250.000
3.5903	12925	45.2797	26.613	37.00	41.250	2669.417	65.193	-5.206	32.213	5.245	6.580	31.496	33.975	5.5316	1.04810	0.00015	45.2798	250.000

3.5906	12926	45.2798	26.613	37.00	41.250	2669.619	65.197	-5.206	32.214	5.245	6.580	31.496	33.975	5.5316	1.04800	0.00015	45.2800	250.000
3.5908	12927	45.2800	26.613	37.00	41.250	2669.821	65.202	-5.206	32.215	5.245	6.579	31.496	33.975	5.5316	1.04791	0.00015	45.2801	250.000
3.5911	12928	45.2801	26.613	37.00	41.250	2670.024	65.207	-5.206	32.215	5.245	6.579	31.496	33.975	5.5316	1.04781	0.00015	45.2803	250.000
3.5914	12929	45.2803	26.614	37.00	41.250	2670.226	65.212	-5.206	32.216	5.245	6.579	31.496	33.975	5.5316	1.04772	0.00015	45.2804	250.000
3.5917	12930	45.2804	26.614	37.00	41.250	2670.428	65.217	-5.206	32.216	5.245	6.579	31.496	33.975	5.5316	1.04763	0.00015	45.2806	250.000
3.5919	12931	45.2806	26.614	37.00	41.250	2670.630	65.222	-5.206	32.217	5.245	6.579	31.496	33.975	5.5316	1.04753	0.00015	45.2807	250.000
3.5922	12932	45.2807	26.614	37.00	41.250	2670.832	65.227	-5.206	32.217	5.245	6.579	31.496	33.975	5.5316	1.04744	0.00015	45.2809	250.000
3.5925	12933	45.2809	26.614	37.00	41.250	2671.034	65.232	-5.206	32.218	5.246	6.579	31.496	33.975	5.5316	1.04734	0.00015	45.2810	250.000
3.5928	12934	45.2810	26.614	37.00	41.250	2671.236	65.237	-5.206	32.219	5.246	6.579	31.496	33.975	5.5316	1.04725	0.00015	45.2812	250.000
3.5931	12935	45.2812	26.615	37.00	41.250	2671.438	65.242	-5.206	32.219	5.246	6.579	31.496	33.975	5.5316	1.04715	0.00015	45.2813	250.000
3.5933	12936	45.2813	26.615	37.00	41.250	2671.640	65.247	-5.206	32.220	5.246	6.579	31.496	33.975	5.5316	1.04706	0.00015	45.2815	250.000
3.5936	12937	45.2815	26.615	37.00	41.250	2671.842	65.252	-5.206	32.220	5.246	6.579	31.496	33.975	5.5316	1.04696	0.00015	45.2816	250.000
3.5939	12938	45.2816	26.615	37.00	41.250	2672.044	65.257	-5.206	32.221	5.246	6.578	31.496	33.975	5.5316	1.04687	0.00015	45.2818	250.000
3.5942	12939	45.2818	26.615	37.00	41.250	2672.246	65.262	-5.206	32.222	5.246	6.578	31.496	33.975	5.5316	1.04677	0.00015	45.2819	250.000
3.5944	12940	45.2819	26.615	37.00	41.250	2672.448	65.267	-5.206	32.222	5.246	6.578	31.496	33.975	5.5316	1.04668	0.00015	45.2820	250.000
3.5947	12941	45.2820	26.615	37.00	41.250	2672.650	65.271	-5.206	32.223	5.246	6.578	31.496	33.975	5.5316	1.04658	0.00015	45.2822	250.000
3.5950	12942	45.2822	26.616	37.00	41.250	2672.852	65.276	-5.206	32.223	5.246	6.578	31.496	33.975	5.5316	1.04649	0.00015	45.2823	250.000
3.5953	12943	45.2823	26.616	37.00	41.250	2673.054	65.281	-5.206	32.224	5.246	6.578	31.496	33.975	5.5316	1.04639	0.00015	45.2825	250.000
3.5956	12944	45.2825	26.616	37.00	41.250	2673.256	65.286	-5.206	32.224	5.247	6.578	31.496	33.975	5.5316	1.04630	0.00015	45.2826	250.000
3.5958	12945	45.2826	26.616	37.00	41.250	2673.458	65.291	-5.206	32.225	5.247	6.578	31.496	33.975	5.5316	1.04620	0.00015	45.2828	250.000
3.5961	12946	45.2828	26.616	37.00	41.250	2673.660	65.296	-5.206	32.226	5.247	6.578	31.496	33.975	5.5316	1.04611	0.00015	45.2829	250.000
3.5964	12947	45.2829	26.616	37.00	41.250	2673.862	65.301	-5.206	32.226	5.247	6.578	31.496	33.975	5.5316	1.04601	0.00015	45.2831	250.000
3.5967	12948	45.2831	26.616	37.00	41.250	2674.064	65.306	-5.206	32.227	5.247	6.577	31.496	33.975	5.5316	1.04592	0.00015	45.2832	250.000
3.5969	12949	45.2832	26.617	37.00	41.250	2674.266	65.311	-5.206	32.227	5.247	6.577	31.496	33.975	5.5316	1.04583	0.00015	45.2834	250.000
3.5972	12950	45.2834	26.617	37.00	41.250	2674.468	65.316	-5.206	32.228	5.247	6.577	31.496	33.975	5.5316	1.04573	0.00015	45.2835	250.000
3.5975	12951	45.2835	26.617	37.00	41.250	2674.670	65.321	-5.206	32.229	5.247	6.577	31.496	33.975	5.5316	1.04564	0.00015	45.2837	250.000
3.5978	12952	45.2837	26.617	37.00	41.250	2674.872	65.326	-5.206	32.229	5.247	6.577	31.496	33.975	5.5316	1.04554	0.00015	45.2838	250.000
3.5981	12953	45.2838	26.617	37.00	41.250	2675.074	65.331	-5.206	32.230	5.247	6.577	31.496	33.975	5.5316	1.04545	0.00015	45.2840	250.000
3.5983	12954	45.2840	26.617	37.00	41.250	2675.276	65.336	-5.206	32.230	5.248	6.577	31.496	33.975	5.5316	1.04535	0.00015	45.2841	250.000
3.5986	12955	45.2841	26.618	37.00	41.250	2675.478	65.341	-5.206	32.231	5.248	6.577	31.496	33.975	5.5316	1.04526	0.00015	45.2843	250.000
3.5989	12956	45.2843	26.618	37.00	41.250	2675.680	65.345	-5.206	32.231	5.248	6.577	31.496	33.975	5.5316	1.04516	0.00015	45.2844	250.000
3.5992	12957	45.2844	26.618	37.00	41.250	2675.882	65.350	-5.206	32.232	5.248	6.577	31.496	33.975	5.5316	1.04507	0.00015	45.2846	250.000
3.5994	12958	45.2846	26.618	37.00	41.250	2676.084	65.355	-5.206	32.233	5.248	6.577	31.496	33.975	5.5316	1.04497	0.00015	45.2847	250.000
3.5997	12959	45.2847	26.618	37.00	41.250	2676.286	65.360	-5.206	32.233	5.248	6.576	31.496	33.975	5.5316	1.04488	0.00015	45.2849	250.000
3.6000	12960	45.2849	26.618	37.00	41.250	2676.488	65.365	-5.206	32.234	5.248	6.576	31.496	33.975	5.5316	1.04478	0.00015	45.2850	250.000
3.6003	12961	45.2850	26.618	37.00	41.250	2676.691	65.370	-5.206	32.234	5.248	6.576	31.496	33.975	5.5316	1.04469	0.00015	45.2852	250.000
3.6006	12962	45.2852	26.619	37.00	41.250	2676.893	65.375	-5.206	32.235	5.248	6.576	31.496	33.975	5.5316	1.04460	0.00015	45.2853	250.000
3.6008	12963	45.2853	26.619	37.00	41.250	2677.095	65.380	-5.206	32.236	5.248	6.576	31.496	33.975	5.5316	1.04450	0.00015	45.2855	250.000
3.6011	12964	45.2855	26.619	37.00	41.250	2677.297	65.385	-5.206	32.236	5.248	6.576	31.496	33.975	5.5316	1.04441	0.00015	45.2856	250.000
3.6014	12965	45.2856	26.619	37.00	41.250	2677.499	65.390	-5.206	32.237	5.249	6.576	31.496	33.975	5.5316	1.04431	0.00015	45.2858	250.000
3.6017	12966	45.2858	26.619	37.00	41.250	2677.701	65.395	-5.206	32.237	5.249	6.576	31.496	33.975	5.5316	1.04422	0.00015	45.2859	250.000
3.6019	12967	45.2859	26.619	37.00	41.250	2677.903	65.400	-5.206	32.238	5.249	6.576	31.496	33.975	5.5316	1.04412	0.00015	45.2861	250.000
3.6022	12968	45.2861	26.619	37.00	41.250	2678.105	65.405	-5.206	32.238	5.249	6.576	31.496	33.975	5.5316	1.04403	0.00015	45.2862	250.000
3.6025	12969	45.2862	26.620	37.00	41.250	2678.307	65.410	-5.206	32.239	5.249	6.575	31.496	33.975	5.5316	1.04393	0.00015	45.2864	250.000
3.6028	12970	45.2864	26.620	37.00	41.250	2678.509	65.415	-5.206	32.240	5.249	6.575	31.496	33.975	5.5316	1.04384	0.00015	45.2865	250.000
3.6031	12971	45.2865	26.620	37.00	41.250	2678.711	65.419	-5.206	32.240	5.249	6.575	31.496	33.975	5.5316	1.04375	0.00015	45.2867	250.000
3.6033	12972	45.2867	26.620	37.00	41.250	2678.913	65.424	-5.206	32.241	5.249	6.575	31.496	33.975	5.5316	1.04365	0.00015	45.2868	250.000
3.6036	12973	45.2868	26.620	37.00	41.250	2679.115	65.429	-5.206	32.241	5.249	6.575	31.496	33.975	5.5316	1.04356	0.00015	45.2870	250.000
3.6039	12974	45.2870	26.620	37.00	41.250	2679.317	65.434	-5.206	32.242	5.249	6.575	31.496	33.975	5.5316	1.04346	0.00015	45.2871	250.000
3.6042	12975	45.2871	26.621	37.00	41.250	2679.519	65.439	-5.206	32.242	5.250	6.575	31.496	33.975	5.5316	1.04337	0.00015	45.2873	250.000
3.6044	12976	45.2873	26.621	37.00	41.250	2679.721	65.444	-5.206	32.243	5.250	6.575	31.496	33.975	5.5316	1.04327	0.00015	45.2874	250.000
3.6047	12977	45.2874	26.621	37.00	41.250	2679.923	65.449	-5.206	32.244	5.250	6.575	31.496	33.975	5.5316	1.04318	0.00015	45.2876	250.000
3.6050	12978	45.2876	26.621	37.00	41.250	2680.125	65.454	-5.206	32.244	5.250	6.575	31.496	33.975	5.5316	1.04308	0.00015	45.2877	250.000
3.6053	12979	45.2877	26.621	37.00	41.250	2680.327	65.459	-5.206	32.245	5.250	6.575	31.496	33.975	5.5316	1.04299	0.00015	45.2879	250.000
3.6056	12980	45.2879	26.621	37.00	41.250	2680.529	65.464	-5.206	32.245	5.250	6.574	31.496	33.975	5.5316	1.04290	0.00015	45.2880	250.000
3.6058	12981	45.2880	26.621	37.00	41.250	2680.731	65.469	-5.206	32.246	5.250	6.574	31.496	33.975	5.5316	1.04280	0.00015	45.2882	250.000
3.6061	12982	45.2882	26.622	37.00	41.250	2680.933	65.474	-5.206	32.247	5.250	6.574	31.496	33.975	5.5316	1.04271	0.00015	45.2883	250.000
3.6064	12983	45.2883	26.622	37.00	41.250	2681.135	65.479	-5.206	32.247	5.250	6.574	31.496	33.975	5.5316	1.04261	0.00015	45.2885	250.000
3.6067	12984	45.2885	26.622	37.00	41.250	2681.337	65.484	-5.206	32.248	5.250	6.574	31.496	33.975	5.5316	1.04252	0.00015	45.2886	250.000
3.6069	12985	45.2886	26.622	37.00	41.250	2681.539	65.489	-5.206	32.248	5.250	6.574	31.496	33.975	5.5316	1.04242	0.00015	45.2888	250.000
3.6072	12986	45.2888	26.622	37.00	41.250	2681.741	65.494	-5.206	32.249	5.251	6.574	31.496	33.975	5.5316	1.04233	0.00015	45.2889	250.000
3.6075	12987	45.2889	26.622	37.00	41.250	2681.943	65.498	-5.206	32.249	5.251	6.574	31.496	33.975	5.5316	1.04224	0.00015	45.2891	250.000
3.6078	12988	45.2891	26.622	37.00	41.250	2682.145	65.503	-5.206	32.250	5.251	6.574	31.496	33.975	5.5316	1.04214	0.00015	45.2892	250.000
3.6081	12989	45.2892	26.623	37.00	41.250	2682.347	65.508	-5.206	32.251	5.251	6.574	31.496	33.975	5.5316	1.04205	0.00015	45.2894	250.000
3.6083	12990	45.2894	26.623	37.00	41.250	2682.549	65.513	-5.206	32.251	5.251	6.574	31.496	33.975	5.5316	1.04195	0.00015	45.2895	250.000
3.6086	12991	45.2895	26.623	37.00	41.250	2682.751	65.518	-5.206	32.252	5.251	6.573	31.496	33.975	5.5316	1.04186	0.00015	45.2897	250.000
3.6089	12992	45.2897	26.623	37.00	41.250	2682.953	65.523	-5.206	32.252	5.251	6.573	31.496	33.975	5.5316	1.04176	0.00015	45.2898	250.000
3.6092	12993	45.2898	26.623	37.00	41.250	2683.155	65.528	-5.206	32.253	5.251	6.573	31.496	33.975	5.5316	1.04167	0.00015	45.2900	250.000
3.6094	12994	45.2900	26.623	37.00	41.250	2683.357	65.533	-5.206	32.253	5.251	6.573	31.496	33.975	5.5316	1.04158	0.00015	45.2901	250.000
3.6097	12995	45.2901	26.623	37.00	41.250	2683.560	65.538	-5.206	32.254	5.251	6.573	31.496	33.975	5.5316	1.04148	0.00015	45.2903	250.000
3.6100	12996	45.2903	26.624	37.00	41.250	2683.762	65.543	-5.206	32.255	5.251	6.573	31.496	33.975	5.5316	1.04139	0.00015	45.2904	250.000
3.6103	12997	45.2904	26.624	37.00	41.250	2683.964	65.548	-5.206	32.255	5.252	6.573	31.496	33.975	5.5316	1.04129	0.00015	45.2905	250.000
3.6106	12998	45.2905	26.624	37.00	41.250	2684.166	65.553	-5.206	32.256	5.252	6.573	31.496	33.975	5.5316	1.04120	0.00015	45.2907	250.000
3.6108	12999	45.2907	26.624	37.00	41.250	2684.368	65.558	-5.206	32.256	5.252	6.573	31.496	33.975	5.5316	1.04110	0.00015	45.2908	250.000
3.6111	13000	45.2908	26.624	37.00	41.250	2684.570	65.563	-5.206	32.257	5.252	6.573	31.496	33.975	5.5316	1.04101	0.00015	45.2910	250.000
3.6114	13001	45.2910	26.624	37.00	41.250	2684.772	65.568	-5.206	32.258	5.252	6.572	31.496	33.975	5.5316	1.04092	0.00015	45.2911	250.000
3.6117	13002	45.2911	26.625	37.00	41.250	2684.974	65.572	-5.206	32.258	5.252	6.572	31.496	33.975	5.5316	1.04082	0.00015	45.2913	250.000
3.6119	13003	45.2913	26.625	37.00	41.250	2685.176	65.577	-5.206	32.259	5.252	6.572	31.496	33.975	5.5316	1.04073	0.00015	45.2914	250.000
3.6122	13004	45.2914	26.625	37.00	41.250	2685.378	65.582	-5.206	32.259	5.252	6.572	31.496	33.975	5.5316	1.04063	0.00015	45.2916	250.000
3.6125	13005	45.2916	26.625	37.00	41.250	2685.580	65.587	-5.206	32.260	5.252	6.572	31.496	33.975	5.5316	1.04054	0.00015	45.2917	250.000
3.6128	13006	45.2917	26.625	37.00	41.250	2685.782	65.592	-5.206	32.260	5.252	6.572	31.496	33.975	5.5316	1.04044	0.00015	45.2919	250.000

3.6131	13007	45.2919	26.625	37.00	41.250	2685.984	65.597	-5.206	32.261	5.253	6.572	31.496	33.975	5.5316	1.04035	0.00015	45.2920	250.000
3.6133	13008	45.2920	26.625	37.00	41.250	2686.186	65.602	-5.206	32.262	5.253	6.572	31.496	33.975	5.5316	1.04026	0.00015	45.2922	250.000
3.6136	13009	45.2922	26.626	37.00	41.250	2686.388	65.607	-5.206	32.262	5.253	6.572	31.496	33.975	5.5316	1.04016	0.00015	45.2923	250.000
3.6139	13010	45.2923	26.626	37.00	41.250	2686.590	65.612	-5.206	32.263	5.253	6.572	31.496	33.975	5.5316	1.04007	0.00015	45.2925	250.000
3.6142	13011	45.2925	26.626	37.00	41.250	2686.792	65.617	-5.206	32.263	5.253	6.572	31.496	33.975	5.5316	1.03997	0.00015	45.2926	250.000
3.6144	13012	45.2926	26.626	37.00	41.250	2686.994	65.622	-5.206	32.264	5.253	6.571	31.496	33.975	5.5316	1.03988	0.00015	45.2928	250.000
3.6147	13013	45.2928	26.626	37.00	41.250	2687.196	65.627	-5.206	32.264	5.253	6.571	31.496	33.975	5.5316	1.03979	0.00015	45.2929	250.000
3.6150	13014	45.2929	26.626	37.00	41.250	2687.398	65.632	-5.206	32.265	5.253	6.571	31.496	33.975	5.5316	1.03969	0.00015	45.2931	250.000
3.6153	13015	45.2931	26.626	37.00	41.250	2687.600	65.637	-5.206	32.266	5.253	6.571	31.496	33.975	5.5316	1.03960	0.00015	45.2932	250.000
3.6156	13016	45.2932	26.627	37.00	41.250	2687.802	65.642	-5.206	32.266	5.253	6.571	31.496	33.975	5.5316	1.03950	0.00015	45.2934	250.000
3.6158	13017	45.2934	26.627	37.00	41.250	2688.004	65.646	-5.206	32.267	5.253	6.571	31.496	33.975	5.5316	1.03941	0.00015	45.2935	250.000
3.6161	13018	45.2935	26.627	37.00	41.250	2688.206	65.651	-5.206	32.267	5.254	6.571	31.496	33.975	5.5316	1.03932	0.00015	45.2937	250.000
3.6164	13019	45.2937	26.627	37.00	41.250	2688.408	65.656	-5.206	32.268	5.254	6.571	31.496	33.975	5.5316	1.03922	0.00015	45.2938	250.000
3.6167	13020	45.2938	26.627	37.00	41.250	2688.610	65.661	-5.206	32.269	5.254	6.571	31.496	33.975	5.5316	1.03913	0.00015	45.2940	250.000
3.6169	13021	45.2940	26.627	37.00	41.250	2688.812	65.666	-5.206	32.269	5.254	6.571	31.496	33.975	5.5316	1.03903	0.00015	45.2941	250.000
3.6172	13022	45.2941	26.628	37.00	41.250	2689.014	65.671	-5.206	32.270	5.254	6.570	31.496	33.975	5.5316	1.03894	0.00015	45.2943	250.000
3.6175	13023	45.2943	26.628	37.00	41.250	2689.216	65.676	-5.206	32.270	5.254	6.570	31.496	33.975	5.5316	1.03885	0.00015	45.2944	250.000
3.6178	13024	45.2944	26.628	37.00	41.250	2689.418	65.681	-5.206	32.271	5.254	6.570	31.496	33.975	5.5316	1.03875	0.00015	45.2946	250.000
3.6181	13025	45.2946	26.628	37.00	41.250	2689.620	65.686	-5.206	32.271	5.254	6.570	31.496	33.975	5.5316	1.03866	0.00015	45.2947	250.000
3.6183	13026	45.2947	26.628	37.00	41.250	2689.822	65.691	-5.206	32.272	5.254	6.570	31.496	33.975	5.5316	1.03856	0.00015	45.2949	250.000
3.6186	13027	45.2949	26.628	37.00	41.250	2690.024	65.696	-5.206	32.273	5.254	6.570	31.496	33.975	5.5316	1.03847	0.00015	45.2950	250.000
3.6189	13028	45.2950	26.628	37.00	41.250	2690.227	65.701	-5.206	32.273	5.255	6.570	31.496	33.975	5.5316	1.03838	0.00015	45.2952	250.000
3.6192	13029	45.2952	26.629	37.00	41.250	2690.429	65.706	-5.206	32.274	5.255	6.570	31.496	33.975	5.5316	1.03828	0.00015	45.2953	250.000
3.6194	13030	45.2953	26.629	37.00	41.250	2690.631	65.711	-5.206	32.274	5.255	6.570	31.496	33.975	5.5316	1.03819	0.00015	45.2955	250.000
3.6197	13031	45.2955	26.629	37.00	41.250	2690.833	65.716	-5.206	32.275	5.255	6.570	31.496	33.975	5.5316	1.03809	0.00015	45.2956	250.000
3.6200	13032	45.2956	26.629	37.00	41.250	2691.035	65.720	-5.206	32.275	5.255	6.570	31.496	33.975	5.5316	1.03800	0.00015	45.2957	250.000
3.6203	13033	45.2957	26.629	37.00	41.250	2691.237	65.725	-5.206	32.276	5.255	6.569	31.496	33.975	5.5316	1.03791	0.00015	45.2959	250.000
3.6206	13034	45.2959	26.629	37.00	41.250	2691.439	65.730	-5.206	32.277	5.255	6.569	31.496	33.975	5.5316	1.03781	0.00015	45.2960	250.000
3.6208	13035	45.2960	26.629	37.00	41.250	2691.641	65.735	-5.206	32.277	5.255	6.569	31.496	33.975	5.5316	1.03772	0.00015	45.2962	250.000
3.6211	13036	45.2962	26.630	37.00	41.250	2691.843	65.740	-5.206	32.278	5.255	6.569	31.496	33.975	5.5316	1.03762	0.00015	45.2963	250.000
3.6214	13037	45.2963	26.630	37.00	41.250	2692.045	65.745	-5.206	32.278	5.255	6.569	31.496	33.975	5.5316	1.03753	0.00015	45.2965	250.000
3.6217	13038	45.2965	26.630	37.00	41.250	2692.247	65.750	-5.206	32.279	5.255	6.569	31.496	33.975	5.5316	1.03744	0.00015	45.2966	250.000
3.6219	13039	45.2966	26.630	37.00	41.250	2692.449	65.755	-5.206	32.279	5.256	6.569	31.496	33.975	5.5316	1.03734	0.00015	45.2968	250.000
3.6222	13040	45.2968	26.630	37.00	41.250	2692.651	65.760	-5.206	32.280	5.256	6.569	31.496	33.975	5.5316	1.03725	0.00015	45.2969	250.000
3.6225	13041	45.2969	26.630	37.00	41.250	2692.853	65.765	-5.206	32.281	5.256	6.569	31.496	33.975	5.5316	1.03715	0.00015	45.2971	250.000
3.6228	13042	45.2971	26.630	37.00	41.250	2693.055	65.770	-5.206	32.281	5.256	6.569	31.496	33.975	5.5316	1.03706	0.00015	45.2972	250.000
3.6231	13043	45.2972	26.631	37.00	41.250	2693.257	65.775	-5.206	32.282	5.256	6.569	31.496	33.975	5.5316	1.03697	0.00015	45.2974	250.000
3.6233	13044	45.2974	26.631	37.00	41.250	2693.459	65.780	-5.206	32.282	5.256	6.568	31.496	33.975	5.5316	1.03687	0.00015	45.2975	250.000
3.6236	13045	45.2975	26.631	37.00	41.250	2693.661	65.785	-5.206	32.283	5.256	6.568	31.496	33.975	5.5316	1.03678	0.00015	45.2977	250.000
3.6239	13046	45.2977	26.631	37.00	41.250	2693.863	65.790	-5.206	32.284	5.256	6.568	31.496	33.975	5.5316	1.03669	0.00015	45.2978	250.000
3.6242	13047	45.2978	26.631	37.00	41.250	2694.065	65.794	-5.206	32.284	5.256	6.568	31.496	33.975	5.5316	1.03659	0.00015	45.2980	250.000
3.6244	13048	45.2980	26.631	37.00	41.250	2694.267	65.799	-5.206	32.285	5.256	6.568	31.496	33.975	5.5316	1.03650	0.00015	45.2981	250.000
3.6247	13049	45.2981	26.632	37.00	41.250	2694.469	65.804	-5.206	32.285	5.256	6.568	31.496	33.975	5.5316	1.03640	0.00015	45.2983	250.000
3.6250	13050	45.2983	26.632	37.00	41.250	2694.671	65.809	-5.206	32.286	5.257	6.568	31.496	33.975	5.5316	1.03631	0.00015	45.2984	250.000
3.6253	13051	45.2984	26.632	37.00	41.250	2694.873	65.814	-5.206	32.286	5.257	6.568	31.496	33.975	5.5316	1.03622	0.00015	45.2986	250.000
3.6256	13052	45.2986	26.632	37.00	41.250	2695.075	65.819	-5.206	32.287	5.257	6.568	31.496	33.975	5.5316	1.03612	0.00015	45.2987	250.000
3.6258	13053	45.2987	26.632	37.00	41.250	2695.277	65.824	-5.206	32.288	5.257	6.568	31.496	33.975	5.5316	1.03603	0.00015	45.2989	250.000
3.6261	13054	45.2989	26.632	37.00	41.250	2695.479	65.829	-5.206	32.288	5.257	6.567	31.496	33.975	5.5316	1.03593	0.00015	45.2990	250.000
3.6264	13055	45.2990	26.632	37.00	41.250	2695.681	65.834	-5.206	32.289	5.257	6.567	31.496	33.975	5.5316	1.03584	0.00015	45.2992	250.000
3.6267	13056	45.2992	26.633	37.00	41.250	2695.883	65.839	-5.206	32.289	5.257	6.567	31.496	33.975	5.5316	1.03575	0.00015	45.2993	250.000
3.6269	13057	45.2993	26.633	37.00	41.250	2696.085	65.844	-5.206	32.290	5.257	6.567	31.496	33.975	5.5316	1.03565	0.00015	45.2995	250.000
3.6272	13058	45.2995	26.633	37.00	41.250	2696.287	65.849	-5.206	32.290	5.257	6.567	31.496	33.975	5.5316	1.03556	0.00015	45.2996	250.000
3.6275	13059	45.2996	26.633	37.00	41.250	2696.489	65.854	-5.206	32.291	5.257	6.567	31.496	33.975	5.5316	1.03547	0.00015	45.2997	250.000
3.6278	13060	45.2997	26.633	37.00	41.250	2696.691	65.859	-5.206	32.292	5.258	6.567	31.496	33.975	5.5316	1.03537	0.00015	45.2999	250.000
3.6281	13061	45.2999	26.633	37.00	41.250	2696.894	65.864	-5.206	32.292	5.258	6.567	31.496	33.975	5.5316	1.03528	0.00015	45.3000	250.000
3.6283	13062	45.3000	26.633	37.00	41.250	2697.096	65.868	-5.206	32.293	5.258	6.567	31.496	33.975	5.5316	1.03519	0.00015	45.3002	250.000
3.6286	13063	45.3002	26.634	37.00	41.250	2697.298	65.873	-5.206	32.293	5.258	6.567	31.496	33.975	5.5316	1.03509	0.00015	45.3003	250.000
3.6289	13064	45.3003	26.634	37.00	41.250	2697.500	65.878	-5.206	32.294	5.258	6.567	31.496	33.975	5.5316	1.03500	0.00015	45.3005	250.000
3.6292	13065	45.3005	26.634	37.00	41.250	2697.702	65.883	-5.206	32.294	5.258	6.566	31.496	33.975	5.5316	1.03490	0.00015	45.3006	250.000
3.6294	13066	45.3006	26.634	37.00	41.250	2697.904	65.888	-5.206	32.295	5.258	6.566	31.496	33.975	5.5316	1.03481	0.00015	45.3008	250.000
3.6297	13067	45.3008	26.634	37.00	41.250	2698.106	65.893	-5.206	32.296	5.258	6.566	31.496	33.975	5.5316	1.03472	0.00015	45.3009	250.000
3.6300	13068	45.3009	26.634	37.00	41.250	2698.308	65.898	-5.206	32.296	5.258	6.566	31.496	33.975	5.5316	1.03462	0.00015	45.3011	250.000
3.6303	13069	45.3011	26.634	37.00	41.250	2698.510	65.903	-5.206	32.297	5.258	6.566	31.496	33.975	5.5316	1.03453	0.00015	45.3012	250.000
3.6306	13070	45.3012	26.635	37.00	41.250	2698.712	65.908	-5.206	32.297	5.258	6.566	31.496	33.975	5.5316	1.03444	0.00015	45.3014	250.000
3.6308	13071	45.3014	26.635	37.00	41.250	2698.914	65.913	-5.206	32.298	5.259	6.566	31.496	33.975	5.5316	1.03434	0.00015	45.3015	250.000
3.6311	13072	45.3015	26.635	37.00	41.250	2699.116	65.918	-5.206	32.298	5.259	6.566	31.496	33.975	5.5316	1.03425	0.00015	45.3017	250.000
3.6314	13073	45.3017	26.635	37.00	41.250	2699.318	65.923	-5.206	32.299	5.259	6.566	31.496	33.975	5.5316	1.03416	0.00015	45.3018	250.000
3.6317	13074	45.3018	26.635	37.00	41.250	2699.520	65.928	-5.206	32.300	5.259	6.566	31.496	33.975	5.5316	1.03406	0.00015	45.3020	250.000
3.6319	13075	45.3020	26.635	37.00	41.250	2699.722	65.933	-5.206	32.300	5.259	6.566	31.496	33.975	5.5316	1.03397	0.00015	45.3021	250.000
3.6322	13076	45.3021	26.636	37.00	41.250	2699.924	65.938	-5.206	32.301	5.259	6.565	31.496	33.975	5.5316	1.03387	0.00015	45.3023	250.000
3.6325	13077	45.3023	26.636	37.00	41.250	2700.126	65.942	-5.206	32.301	5.259	6.565	31.496	33.975	5.5316	1.03378	0.00015	45.3024	250.000
3.6328	13078	45.3024	26.636	37.00	41.250	2700.328	65.947	-5.206	32.302	5.259	6.565	31.496	33.975	5.5316	1.03369	0.00015	45.3026	250.000
3.6331	13079	45.3026	26.636	37.00	41.250	2700.530	65.952	-5.206	32.303	5.259	6.565	31.496	33.975	5.5316	1.03359	0.00015	45.3027	250.000
3.6333	13080	45.3027	26.636	37.00	41.250	2700.732	65.957	-5.206	32.303	5.259	6.565	31.496	33.975	5.5316	1.03350	0.00015	45.3028	250.000
3.6336	13081	45.3028	26.636	37.00	41.250	2700.934	65.962	-5.206	32.304	5.259	6.565	31.496	33.975	5.5316	1.03341	0.00015	45.3030	250.000
3.6339	13082	45.3030	26.636	37.00	41.250	2701.136	65.967	-5.206	32.304	5.260	6.565	31.496	33.975	5.5316	1.03331	0.00015	45.3031	250.000
3.6342	13083	45.3031	26.637	37.00	41.250	2701.338	65.972	-5.206	32.305	5.260	6.565	31.496	33.975	5.5316	1.03322	0.00015	45.3033	250.000
3.6344	13084	45.3033	26.637	37.00	41.250	2701.540	65.977	-5.206	32.305	5.260	6.565	31.496	33.975	5.5316	1.03313	0.00015	45.3034	250.000
3.6347	13085	45.3034	26.637	37.00	41.250	2701.742	65.982	-5.206	32.306	5.260	6.565	31.496	33.975	5.5316	1.03303	0.00015	45.3036	250.000
3.6350	13086	45.3036	26.637	37.00	41.250	2701.944	65.987	-5.206	32.307	5.260	6.564	31.496	33.975	5.5316	1.03294	0.00015	45.3037	250.000
3.6353	13087	45.3037	26.637	37.00	41.250	2702.146	65.992	-5.206	32.307	5.260	6.564	31.496	33.975	5.5316	1.03285	0.00015	45.3039	250.000

3.6356	13088	45.3039	26.637	37.00	41.250	2702.348	65.997	-5.206	32.308	5.260	6.564	31.496	33.975	5.5316	1.03275	0.00015	45.3040	250.000
3.6358	13089	45.3040	26.637	37.00	41.250	2702.550	66.002	-5.206	32.308	5.260	6.564	31.496	33.975	5.5316	1.03266	0.00015	45.3042	250.000
3.6361	13090	45.3042	26.638	37.00	41.250	2702.752	66.007	-5.206	32.309	5.260	6.564	31.496	33.975	5.5316	1.03257	0.00015	45.3043	250.000
3.6364	13091	45.3043	26.638	37.00	41.250	2702.954	66.012	-5.206	32.309	5.260	6.564	31.496	33.975	5.5316	1.03247	0.00015	45.3045	250.000
3.6367	13092	45.3045	26.638	37.00	41.250	2703.156	66.017	-5.206	32.310	5.260	6.564	31.496	33.975	5.5316	1.03238	0.00015	45.3046	250.000
3.6369	13093	45.3046	26.638	37.00	41.250	2703.358	66.021	-5.206	32.311	5.261	6.564	31.496	33.975	5.5316	1.03229	0.00015	45.3048	250.000
3.6372	13094	45.3048	26.638	37.00	41.250	2703.560	66.026	-5.206	32.311	5.261	6.564	31.496	33.975	5.5316	1.03219	0.00015	45.3049	250.000
3.6375	13095	45.3049	26.638	37.00	41.250	2703.763	66.031	-5.206	32.312	5.261	6.564	31.496	33.975	5.5316	1.03210	0.00015	45.3051	250.000
3.6378	13096	45.3051	26.638	37.00	41.250	2703.965	66.036	-5.206	32.312	5.261	6.564	31.496	33.975	5.5316	1.03200	0.00015	45.3052	250.000
3.6381	13097	45.3052	26.639	37.00	41.250	2704.167	66.041	-5.206	32.313	5.261	6.563	31.496	33.975	5.5316	1.03191	0.00015	45.3054	250.000
3.6383	13098	45.3054	26.639	37.00	41.250	2704.369	66.046	-5.206	32.313	5.261	6.563	31.496	33.975	5.5316	1.03182	0.00015	45.3055	250.000
3.6386	13099	45.3055	26.639	37.00	41.250	2704.571	66.051	-5.206	32.314	5.261	6.563	31.496	33.975	5.5316	1.03172	0.00015	45.3057	250.000
3.6389	13100	45.3057	26.639	37.00	41.250	2704.773	66.056	-5.206	32.315	5.261	6.563	31.496	33.975	5.5316	1.03163	0.00015	45.3058	250.000
3.6392	13101	45.3058	26.639	37.00	41.250	2704.975	66.061	-5.206	32.315	5.261	6.563	31.496	33.975	5.5316	1.03154	0.00015	45.3059	250.000
3.6394	13102	45.3059	26.639	37.00	41.250	2705.177	66.066	-5.206	32.316	5.261	6.563	31.496	33.975	5.5316	1.03144	0.00015	45.3061	250.000
3.6397	13103	45.3061	26.639	37.00	41.250	2705.379	66.071	-5.206	32.316	5.262	6.563	31.496	33.975	5.5316	1.03135	0.00015	45.3062	250.000
3.6400	13104	45.3062	26.640	37.00	41.250	2705.581	66.076	-5.206	32.317	5.262	6.563	31.496	33.975	5.5316	1.03126	0.00015	45.3064	250.000
3.6403	13105	45.3064	26.640	37.00	41.250	2705.783	66.081	-5.206	32.317	5.262	6.563	31.496	33.975	5.5316	1.03116	0.00015	45.3065	250.000
3.6406	13106	45.3065	26.640	37.00	41.250	2705.985	66.086	-5.206	32.318	5.262	6.563	31.496	33.975	5.5316	1.03107	0.00015	45.3067	250.000
3.6408	13107	45.3067	26.640	37.00	41.250	2706.187	66.091	-5.206	32.319	5.262	6.563	31.496	33.975	5.5316	1.03098	0.00015	45.3068	250.000
3.6411	13108	45.3068	26.640	37.00	41.250	2706.389	66.095	-5.206	32.319	5.262	6.562	31.496	33.975	5.5316	1.03088	0.00015	45.3070	250.000
3.6414	13109	45.3070	26.640	37.00	41.250	2706.591	66.100	-5.206	32.320	5.262	6.562	31.496	33.975	5.5316	1.03079	0.00015	45.3071	250.000
3.6417	13110	45.3071	26.641	37.00	41.250	2706.793	66.105	-5.206	32.320	5.262	6.562	31.496	33.975	5.5316	1.03070	0.00015	45.3073	250.000
3.6419	13111	45.3073	26.641	37.00	41.250	2706.995	66.110	-5.206	32.321	5.262	6.562	31.496	33.975	5.5316	1.03060	0.00015	45.3074	250.000
3.6422	13112	45.3074	26.641	37.00	41.250	2707.197	66.115	-5.206	32.321	5.262	6.562	31.496	33.975	5.5316	1.03051	0.00015	45.3076	250.000
3.6425	13113	45.3076	26.641	37.00	41.250	2707.399	66.120	-5.206	32.322	5.262	6.562	31.496	33.975	5.5316	1.03042	0.00015	45.3077	250.000
3.6428	13114	45.3077	26.641	37.00	41.250	2707.601	66.125	-5.206	32.323	5.263	6.562	31.496	33.975	5.5316	1.03033	0.00015	45.3079	250.000
3.6431	13115	45.3079	26.641	37.00	41.250	2707.803	66.130	-5.206	32.323	5.263	6.562	31.496	33.975	5.5316	1.03023	0.00015	45.3080	250.000
3.6433	13116	45.3080	26.641	37.00	41.250	2708.005	66.135	-5.206	32.324	5.263	6.562	31.496	33.975	5.5316	1.03014	0.00015	45.3082	250.000
3.6436	13117	45.3082	26.642	37.00	41.250	2708.207	66.140	-5.206	32.324	5.263	6.562	31.496	33.975	5.5316	1.03005	0.00015	45.3083	250.000
3.6439	13118	45.3083	26.642	37.00	41.250	2708.409	66.145	-5.206	32.325	5.263	6.562	31.496	33.975	5.5316	1.02995	0.00015	45.3085	250.000
3.6442	13119	45.3085	26.642	37.00	41.250	2708.611	66.150	-5.206	32.325	5.263	6.561	31.496	33.975	5.5316	1.02986	0.00015	45.3086	250.000
3.6444	13120	45.3086	26.642	37.00	41.250	2708.813	66.155	-5.206	32.326	5.263	6.561	31.496	33.975	5.5316	1.02977	0.00015	45.3087	250.000
3.6447	13121	45.3087	26.642	37.00	41.250	2709.015	66.160	-5.206	32.327	5.263	6.561	31.496	33.975	5.5316	1.02967	0.00015	45.3089	250.000
3.6450	13122	45.3089	26.642	37.00	41.250	2709.217	66.165	-5.206	32.327	5.263	6.561	31.496	33.975	5.5316	1.02958	0.00015	45.3090	250.000
3.6453	13123	45.3090	26.642	37.00	41.250	2709.419	66.169	-5.206	32.328	5.263	6.561	31.496	33.975	5.5316	1.02949	0.00015	45.3092	250.000
3.6456	13124	45.3092	26.643	37.00	41.250	2709.621	66.174	-5.206	32.328	5.263	6.561	31.496	33.975	5.5316	1.02939	0.00015	45.3093	250.000
3.6458	13125	45.3093	26.643	37.00	41.250	2709.823	66.179	-5.206	32.329	5.264	6.561	31.496	33.975	5.5316	1.02930	0.00015	45.3095	250.000
3.6461	13126	45.3095	26.643	37.00	41.250	2710.025	66.184	-5.206	32.329	5.264	6.561	31.496	33.975	5.5316	1.02921	0.00015	45.3096	250.000
3.6464	13127	45.3096	26.643	37.00	41.250	2710.227	66.189	-5.206	32.330	5.264	6.561	31.496	33.975	5.5316	1.02911	0.00015	45.3098	250.000
3.6467	13128	45.3098	26.643	37.00	41.250	2710.430	66.194	-5.206	32.331	5.264	6.561	31.496	33.975	5.5316	1.02902	0.00015	45.3099	250.000
3.6469	13129	45.3099	26.643	37.00	41.250	2710.632	66.199	-5.206	32.331	5.264	6.560	31.496	33.975	5.5316	1.02893	0.00015	45.3101	250.000
3.6472	13130	45.3101	26.643	37.00	41.250	2710.834	66.204	-5.206	32.332	5.264	6.560	31.496	33.975	5.5316	1.02883	0.00015	45.3102	250.000
3.6475	13131	45.3102	26.644	37.00	41.250	2711.036	66.209	-5.206	32.332	5.264	6.560	31.496	33.975	5.5316	1.02874	0.00015	45.3104	250.000
3.6478	13132	45.3104	26.644	37.00	41.250	2711.238	66.214	-5.206	32.333	5.264	6.560	31.496	33.975	5.5316	1.02865	0.00015	45.3105	250.000
3.6481	13133	45.3105	26.644	37.00	41.250	2711.440	66.219	-5.206	32.333	5.264	6.560	31.496	33.975	5.5316	1.02855	0.00015	45.3107	250.000
3.6483	13134	45.3107	26.644	37.00	41.250	2711.642	66.224	-5.206	32.334	5.264	6.560	31.496	33.975	5.5316	1.02846	0.00015	45.3108	250.000
3.6486	13135	45.3108	26.644	37.00	41.250	2711.844	66.229	-5.206	32.335	5.265	6.560	31.496	33.975	5.5316	1.02837	0.00015	45.3109	250.000
3.6489	13136	45.3109	26.644	37.00	41.250	2712.046	66.234	-5.206	32.335	5.265	6.560	31.496	33.975	5.5316	1.02828	0.00015	45.3111	250.000
3.6492	13137	45.3111	26.644	37.00	41.250	2712.248	66.239	-5.206	32.336	5.265	6.560	31.496	33.975	5.5316	1.02818	0.00015	45.3112	250.000
3.6494	13138	45.3112	26.645	37.00	41.250	2712.450	66.243	-5.206	32.336	5.265	6.560	31.496	33.975	5.5316	1.02809	0.00015	45.3114	250.000
3.6497	13139	45.3114	26.645	37.00	41.250	2712.652	66.248	-5.206	32.337	5.265	6.560	31.496	33.975	5.5316	1.02800	0.00015	45.3115	250.000
3.6500	13140	45.3115	26.645	37.00	41.250	2712.854	66.253	-5.206	32.337	5.265	6.559	31.496	33.975	5.5316	1.02790	0.00015	45.3117	250.000
3.6503	13141	45.3117	26.645	37.00	41.250	2713.056	66.258	-5.206	32.338	5.265	6.559	31.496	33.975	5.5316	1.02781	0.00015	45.3118	250.000
3.6506	13142	45.3118	26.645	37.00	41.250	2713.258	66.263	-5.206	32.339	5.265	6.559	31.496	33.975	5.5316	1.02772	0.00015	45.3120	250.000
3.6508	13143	45.3120	26.645	37.00	41.250	2713.460	66.268	-5.206	32.339	5.265	6.559	31.496	33.975	5.5316	1.02762	0.00015	45.3121	250.000
3.6511	13144	45.3121	26.646	37.00	41.250	2713.662	66.273	-5.206	32.340	5.265	6.559	31.496	33.975	5.5316	1.02753	0.00015	45.3123	250.000
3.6514	13145	45.3123	26.646	37.00	41.250	2713.864	66.278	-5.206	32.340	5.265	6.559	31.496	33.975	5.5316	1.02744	0.00015	45.3124	250.000
3.6517	13146	45.3124	26.646	37.00	41.250	2714.066	66.283	-5.206	32.341	5.266	6.559	31.496	33.975	5.5316	1.02735	0.00015	45.3126	250.000
3.6519	13147	45.3126	26.646	37.00	41.250	2714.268	66.288	-5.206	32.341	5.266	6.559	31.496	33.975	5.5316	1.02725	0.00015	45.3127	250.000
3.6522	13148	45.3127	26.646	37.00	41.250	2714.470	66.293	-5.206	32.342	5.266	6.559	31.496	33.975	5.5316	1.02716	0.00015	45.3129	250.000
3.6525	13149	45.3129	26.646	37.00	41.250	2714.672	66.298	-5.206	32.343	5.266	6.559	31.496	33.975	5.5316	1.02707	0.00015	45.3130	250.000
3.6528	13150	45.3130	26.646	37.00	41.250	2714.874	66.303	-5.206	32.343	5.266	6.559	31.496	33.975	5.5316	1.02697	0.00015	45.3132	250.000
3.6531	13151	45.3132	26.647	37.00	41.250	2715.076	66.308	-5.206	32.344	5.266	6.558	31.496	33.975	5.5316	1.02688	0.00015	45.3133	250.000
3.6533	13152	45.3133	26.647	37.00	41.250	2715.278	66.313	-5.206	32.344	5.266	6.558	31.496	33.975	5.5316	1.02679	0.00015	45.3134	250.000
3.6536	13153	45.3134	26.647	37.00	41.250	2715.480	66.317	-5.206	32.345	5.266	6.558	31.496	33.975	5.5316	1.02670	0.00015	45.3136	250.000
3.6539	13154	45.3136	26.647	37.00	41.250	2715.682	66.322	-5.206	32.345	5.266	6.558	31.496	33.975	5.5316	1.02660	0.00015	45.3137	250.000
3.6542	13155	45.3137	26.647	37.00	41.250	2715.884	66.327	-5.206	32.346	5.266	6.558	31.496	33.975	5.5316	1.02651	0.00015	45.3139	250.000
3.6544	13156	45.3139	26.647	37.00	41.250	2716.086	66.332	-5.206	32.347	5.266	6.558	31.496	33.975	5.5316	1.02642	0.00015	45.3140	250.000
3.6547	13157	45.3140	26.647	37.00	41.250	2716.288	66.337	-5.206	32.347	5.267	6.558	31.496	33.975	5.5316	1.02632	0.00015	45.3142	250.000
3.6550	13158	45.3142	26.648	37.00	41.250	2716.490	66.342	-5.206	32.348	5.267	6.558	31.496	33.975	5.5316	1.02623	0.00015	45.3143	250.000
3.6553	13159	45.3143	26.648	37.00	41.250	2716.692	66.347	-5.206	32.348	5.267	6.558	31.496	33.975	5.5316	1.02614	0.00015	45.3145	250.000
3.6556	13160	45.3145	26.648	37.00	41.250	2716.894	66.352	-5.206	32.349	5.267	6.558	31.496	33.975	5.5316	1.02604	0.00015	45.3146	250.000
3.6558	13161	45.3146	26.648	37.00	41.250	2717.096	66.357	-5.206	32.349	5.267	6.558	31.496	33.975	5.5316	1.02595	0.00015	45.3148	250.000
3.6561	13162	45.3148	26.648	37.00	41.250	2717.299	66.362	-5.206	32.350	5.267	6.557	31.496	33.975	5.5316	1.02586	0.00015	45.3149	250.000
3.6564	13163	45.3149	26.648	37.00	41.250	2717.501	66.367	-5.206	32.351	5.267	6.557	31.496	33.975	5.5316	1.02577	0.00015	45.3151	250.000
3.6567	13164	45.3151	26.648	37.00	41.250	2717.703	66.372	-5.206	32.351	5.267	6.557	31.496	33.975	5.5316	1.02567	0.00015	45.3152	250.000
3.6569	13165	45.3152	26.649	37.00	41.250	2717.905	66.377	-5.206	32.352	5.267	6.557	31.496	33.975	5.5316	1.02558	0.00015	45.3154	250.000
3.6572	13166	45.3154	26.649	37.00	41.250	2718.107	66.382	-5.206	32.352	5.267	6.557	31.496	33.975	5.5316	1.02549	0.00015	45.3155	250.000
3.6575	13167	45.3155	26.649	37.00	41.250	2718.309	66.387	-5.206	32.353	5.267	6.557	31.496	33.975	5.5316	1.02540	0.00015	45.3156	250.000
3.6578	13168	45.3156	26.649	37.00	41.250	2718.511	66.391	-5.206	32.353	5.268	6.557	31.496	33.975	5.5316	1.02530	0.00015	45.3158	250.000

3.6581	13169	45.3158	26.649	37.00	41.250	2718.713	66.396	-5.206	32.354	5.268	6.557	31.496	33.975	5.5316	1.02521	0.00015	45.3159	250.000
3.6583	13170	45.3159	26.649	37.00	41.250	2718.915	66.401	-5.206	32.355	5.268	6.557	31.496	33.975	5.5316	1.02512	0.00015	45.3161	250.000
3.6586	13171	45.3161	26.649	37.00	41.250	2719.117	66.406	-5.206	32.355	5.268	6.557	31.496	33.975	5.5316	1.02502	0.00015	45.3162	250.000
3.6589	13172	45.3162	26.650	37.00	41.250	2719.319	66.411	-5.206	32.356	5.268	6.556	31.496	33.975	5.5316	1.02493	0.00015	45.3164	250.000
3.6592	13173	45.3164	26.650	37.00	41.250	2719.521	66.416	-5.206	32.356	5.268	6.556	31.496	33.975	5.5316	1.02484	0.00015	45.3165	250.000
3.6594	13174	45.3165	26.650	37.00	41.250	2719.723	66.421	-5.206	32.357	5.268	6.556	31.496	33.975	5.5316	1.02475	0.00015	45.3167	250.000
3.6597	13175	45.3167	26.650	37.00	41.250	2719.925	66.426	-5.206	32.357	5.268	6.556	31.496	33.975	5.5316	1.02465	0.00015	45.3168	250.000
3.6600	13176	45.3168	26.650	37.00	41.250	2720.127	66.431	-5.206	32.358	5.268	6.556	31.496	33.975	5.5316	1.02456	0.00015	45.3170	250.000
3.6603	13177	45.3170	26.650	37.00	41.250	2720.329	66.436	-5.206	32.359	5.268	6.556	31.496	33.975	5.5316	1.02447	0.00015	45.3171	250.000
3.6606	13178	45.3171	26.650	37.00	41.250	2720.531	66.441	-5.206	32.359	5.269	6.556	31.496	33.975	5.5316	1.02437	0.00015	45.3173	250.000
3.6608	13179	45.3173	26.651	37.00	41.250	2720.733	66.446	-5.206	32.360	5.269	6.556	31.496	33.975	5.5316	1.02428	0.00015	45.3174	250.000
3.6611	13180	45.3174	26.651	37.00	41.250	2720.935	66.451	-5.206	32.360	5.269	6.556	31.496	33.975	5.5316	1.02419	0.00015	45.3175	250.000
3.6614	13181	45.3175	26.651	37.00	41.250	2721.137	66.456	-5.206	32.361	5.269	6.556	31.496	33.975	5.5316	1.02410	0.00015	45.3177	250.000
3.6617	13182	45.3177	26.651	37.00	41.250	2721.339	66.461	-5.206	32.361	5.269	6.556	31.496	33.975	5.5316	1.02400	0.00015	45.3178	250.000
3.6619	13183	45.3178	26.651	37.00	41.250	2721.541	66.465	-5.206	32.362	5.269	6.555	31.496	33.975	5.5316	1.02391	0.00015	45.3180	250.000
3.6622	13184	45.3180	26.651	37.00	41.250	2721.743	66.470	-5.206	32.363	5.269	6.555	31.496	33.975	5.5316	1.02382	0.00015	45.3181	250.000
3.6625	13185	45.3181	26.652	37.00	41.250	2721.945	66.475	-5.206	32.363	5.269	6.555	31.496	33.975	5.5316	1.02373	0.00015	45.3183	250.000
3.6628	13186	45.3183	26.652	37.00	41.250	2722.147	66.480	-5.206	32.364	5.269	6.555	31.496	33.975	5.5316	1.02363	0.00015	45.3184	250.000
3.6631	13187	45.3184	26.652	37.00	41.250	2722.349	66.485	-5.206	32.364	5.269	6.555	31.496	33.975	5.5316	1.02354	0.00015	45.3186	250.000
3.6633	13188	45.3186	26.652	37.00	41.250	2722.551	66.490	-5.206	32.365	5.269	6.555	31.496	33.975	5.5316	1.02345	0.00015	45.3187	250.000
3.6636	13189	45.3187	26.652	37.00	41.250	2722.753	66.495	-5.206	32.365	5.270	6.555	31.496	33.975	5.5316	1.02336	0.00015	45.3189	250.000
3.6639	13190	45.3189	26.652	37.00	41.250	2722.955	66.500	-5.206	32.366	5.270	6.555	31.496	33.975	5.5316	1.02326	0.00015	45.3190	250.000
3.6642	13191	45.3190	26.652	37.00	41.250	2723.157	66.505	-5.206	32.367	5.270	6.555	31.496	33.975	5.5316	1.02317	0.00015	45.3192	250.000
3.6644	13192	45.3192	26.653	37.00	41.250	2723.359	66.510	-5.206	32.367	5.270	6.555	31.496	33.975	5.5316	1.02308	0.00015	45.3193	250.000
3.6647	13193	45.3193	26.653	37.00	41.250	2723.561	66.515	-5.206	32.368	5.270	6.555	31.496	33.975	5.5316	1.02299	0.00015	45.3194	250.000
3.6650	13194	45.3194	26.653	37.00	41.250	2723.763	66.520	-5.206	32.368	5.270	6.554	31.496	33.975	5.5316	1.02289	0.00015	45.3196	250.000
3.6653	13195	45.3196	26.653	37.00	41.250	2723.966	66.525	-5.206	32.369	5.270	6.554	31.496	33.975	5.5316	1.02280	0.00015	45.3197	250.000
3.6656	13196	45.3197	26.653	37.00	41.250	2724.168	66.530	-5.206	32.369	5.270	6.554	31.496	33.975	5.5316	1.02271	0.00015	45.3199	250.000
3.6658	13197	45.3199	26.653	37.00	41.250	2724.370	66.535	-5.206	32.370	5.270	6.554	31.496	33.975	5.5316	1.02261	0.00015	45.3200	250.000
3.6661	13198	45.3200	26.653	37.00	41.250	2724.572	66.540	-5.206	32.371	5.270	6.554	31.496	33.975	5.5316	1.02252	0.00015	45.3202	250.000
3.6664	13199	45.3202	26.654	37.00	41.250	2724.774	66.544	-5.206	32.371	5.270	6.554	31.496	33.975	5.5316	1.02243	0.00015	45.3203	250.000
3.6667	13200	45.3203	26.654	37.00	41.250	2724.976	66.549	-5.206	32.372	5.271	6.554	31.496	33.975	5.5316	1.02234	0.00015	45.3205	250.000
3.6669	13201	45.3205	26.654	37.00	41.250	2725.178	66.554	-5.206	32.372	5.271	6.554	31.496	33.975	5.5316	1.02224	0.00015	45.3206	250.000
3.6672	13202	45.3206	26.654	37.00	41.250	2725.380	66.559	-5.206	32.373	5.271	6.554	31.496	33.975	5.5316	1.02215	0.00015	45.3208	250.000
3.6675	13203	45.3208	26.654	37.00	41.250	2725.582	66.564	-5.206	32.373	5.271	6.554	31.496	33.975	5.5316	1.02206	0.00015	45.3209	250.000
3.6678	13204	45.3209	26.654	37.00	41.250	2725.784	66.569	-5.206	32.374	5.271	6.554	31.496	33.975	5.5316	1.02197	0.00015	45.3211	250.000
3.6681	13205	45.3211	26.654	37.00	41.250	2725.986	66.574	-5.206	32.374	5.271	6.553	31.496	33.975	5.5316	1.02187	0.00015	45.3212	250.000
3.6683	13206	45.3212	26.655	37.00	41.250	2726.188	66.579	-5.206	32.375	5.271	6.553	31.496	33.975	5.5316	1.02178	0.00015	45.3213	250.000
3.6686	13207	45.3213	26.655	37.00	41.250	2726.390	66.584	-5.206	32.376	5.271	6.553	31.496	33.975	5.5316	1.02169	0.00015	45.3215	250.000
3.6689	13208	45.3215	26.655	37.00	41.250	2726.592	66.589	-5.206	32.376	5.271	6.553	31.496	33.975	5.5316	1.02160	0.00015	45.3216	250.000
3.6692	13209	45.3216	26.655	37.00	41.250	2726.794	66.594	-5.206	32.377	5.271	6.553	31.496	33.975	5.5316	1.02151	0.00015	45.3218	250.000
3.6694	13210	45.3218	26.655	37.00	41.250	2726.996	66.599	-5.206	32.377	5.271	6.553	31.496	33.975	5.5316	1.02141	0.00015	45.3219	250.000
3.6697	13211	45.3219	26.655	37.00	41.250	2727.198	66.604	-5.206	32.378	5.272	6.553	31.496	33.975	5.5316	1.02132	0.00015	45.3221	250.000
3.6700	13212	45.3221	26.655	37.00	41.250	2727.400	66.609	-5.206	32.378	5.272	6.553	31.496	33.975	5.5316	1.02123	0.00015	45.3222	250.000
3.6703	13213	45.3222	26.656	37.00	41.250	2727.602	66.614	-5.206	32.379	5.272	6.553	31.496	33.975	5.5316	1.02114	0.00015	45.3224	250.000
3.6706	13214	45.3224	26.656	37.00	41.250	2727.804	66.618	-5.206	32.380	5.272	6.553	31.496	33.975	5.5316	1.02104	0.00015	45.3225	250.000
3.6708	13215	45.3225	26.656	37.00	41.250	2728.006	66.623	-5.206	32.380	5.272	6.553	31.496	33.975	5.5316	1.02095	0.00015	45.3227	250.000
3.6711	13216	45.3227	26.656	37.00	41.250	2728.208	66.628	-5.206	32.381	5.272	6.552	31.496	33.975	5.5316	1.02086	0.00015	45.3228	250.000
3.6714	13217	45.3228	26.656	37.00	41.250	2728.410	66.633	-5.206	32.381	5.272	6.552	31.496	33.975	5.5316	1.02077	0.00015	45.3230	250.000
3.6717	13218	45.3230	26.656	37.00	41.250	2728.612	66.638	-5.206	32.382	5.272	6.552	31.496	33.975	5.5316	1.02067	0.00015	45.3231	250.000
3.6719	13219	45.3231	26.656	37.00	41.250	2728.814	66.643	-5.206	32.382	5.272	6.552	31.496	33.975	5.5316	1.02058	0.00015	45.3232	250.000
3.6722	13220	45.3232	26.657	37.00	41.250	2729.016	66.648	-5.206	32.383	5.272	6.552	31.496	33.975	5.5316	1.02049	0.00015	45.3234	250.000
3.6725	13221	45.3234	26.657	37.00	41.250	2729.218	66.653	-5.206	32.384	5.272	6.552	31.496	33.975	5.5316	1.02040	0.00015	45.3235	250.000
3.6728	13222	45.3235	26.657	37.00	41.250	2729.420	66.658	-5.206	32.384	5.273	6.552	31.496	33.975	5.5316	1.02030	0.00015	45.3237	250.000
3.6731	13223	45.3237	26.657	37.00	41.250	2729.622	66.663	-5.206	32.385	5.273	6.552	31.496	33.975	5.5316	1.02021	0.00015	45.3238	250.000
3.6733	13224	45.3238	26.657	37.00	41.250	2729.824	66.668	-5.206	32.385	5.273	6.552	31.496	33.975	5.5316	1.02012	0.00015	45.3240	250.000
3.6736	13225	45.3240	26.657	37.00	41.250	2730.026	66.673	-5.206	32.386	5.273	6.552	31.496	33.975	5.5316	1.02003	0.00015	45.3241	250.000
3.6739	13226	45.3241	26.658	37.00	41.250	2730.228	66.678	-5.206	32.386	5.273	6.551	31.496	33.975	5.5316	1.01993	0.00015	45.3243	250.000
3.6742	13227	45.3243	26.658	37.00	41.250	2730.430	66.683	-5.206	32.387	5.273	6.551	31.496	33.975	5.5316	1.01984	0.00015	45.3244	250.000
3.6744	13228	45.3244	26.658	37.00	41.250	2730.633	66.688	-5.206	32.388	5.273	6.551	31.496	33.975	5.5316	1.01975	0.00015	45.3246	250.000
3.6747	13229	45.3246	26.658	37.00	41.250	2730.835	66.692	-5.206	32.388	5.273	6.551	31.496	33.975	5.5316	1.01966	0.00015	45.3247	250.000
3.6750	13230	45.3247	26.658	37.00	41.250	2731.037	66.697	-5.206	32.389	5.273	6.551	31.496	33.975	5.5316	1.01957	0.00015	45.3248	250.000
3.6753	13231	45.3248	26.658	37.00	41.250	2731.239	66.702	-5.206	32.389	5.273	6.551	31.496	33.975	5.5316	1.01947	0.00015	45.3250	250.000
3.6756	13232	45.3250	26.658	37.00	41.250	2731.441	66.707	-5.206	32.390	5.273	6.551	31.496	33.975	5.5316	1.01938	0.00015	45.3251	250.000
3.6758	13233	45.3251	26.659	37.00	41.250	2731.643	66.712	-5.206	32.390	5.274	6.551	31.496	33.975	5.5316	1.01929	0.00015	45.3253	250.000
3.6761	13234	45.3253	26.659	37.00	41.250	2731.845	66.717	-5.206	32.391	5.274	6.551	31.496	33.975	5.5316	1.01920	0.00015	45.3254	250.000
3.6764	13235	45.3254	26.659	37.00	41.250	2732.047	66.722	-5.206	32.392	5.274	6.551	31.496	33.975	5.5316	1.01910	0.00015	45.3256	250.000
3.6767	13236	45.3256	26.659	37.00	41.250	2732.249	66.727	-5.206	32.392	5.274	6.551	31.496	33.975	5.5316	1.01901	0.00015	45.3257	250.000
3.6769	13237	45.3257	26.659	37.00	41.250	2732.451	66.732	-5.206	32.393	5.274	6.550	31.496	33.975	5.5316	1.01892	0.00015	45.3259	250.000
3.6772	13238	45.3259	26.659	37.00	41.250	2732.653	66.737	-5.206	32.393	5.274	6.550	31.496	33.975	5.5316	1.01883	0.00015	45.3260	250.000
3.6775	13239	45.3260	26.659	37.00	41.250	2732.855	66.742	-5.206	32.394	5.274	6.550	31.496	33.975	5.5316	1.01874	0.00015	45.3262	250.000
3.6778	13240	45.3262	26.660	37.00	41.250	2733.057	66.747	-5.206	32.394	5.274	6.550	31.496	33.975	5.5316	1.01864	0.00015	45.3263	250.000
3.6781	13241	45.3263	26.660	37.00	41.250	2733.259	66.752	-5.206	32.395	5.274	6.550	31.496	33.975	5.5316	1.01855	0.00015	45.3264	250.000
3.6783	13242	45.3264	26.660	37.00	41.250	2733.461	66.757	-5.206	32.395	5.274	6.550	31.496	33.975	5.5316	1.01846	0.00015	45.3266	250.000
3.6786	13243	45.3266	26.660	37.00	41.250	2733.663	66.762	-5.206	32.396	5.275	6.550	31.496	33.975	5.5316	1.01837	0.00015	45.3267	250.000
3.6789	13244	45.3267	26.660	37.00	41.250	2733.865	66.766	-5.206	32.397	5.275	6.550	31.496	33.975	5.5316	1.01827	0.00015	45.3269	250.000
3.6792	13245	45.3269	26.660	37.00	41.250	2734.067	66.771	-5.206	32.397	5.275	6.550	31.496	33.975	5.5316	1.01818	0.00015	45.3270	250.000
3.6794	13246	45.3270	26.660	37.00	41.250	2734.269	66.776	-5.206	32.398	5.275	6.550	31.496	33.975	5.5316	1.01809	0.00015	45.3272	250.000
3.6797	13247	45.3272	26.661	37.00	41.250	2734.471	66.781	-5.206	32.398	5.275	6.550	31.496	33.975	5.5316	1.01800	0.00015	45.3273	250.000
3.6800	13248	45.3273	26.661	37.00	41.250	2734.673	66.786	-5.206	32.399	5.275	6.549	31.496	33.975	5.5316	1.01791	0.00015	45.3275	250.000
3.6803	13249	45.3275	26.661	37.00	41.250	2734.875	66.791	-5.206	32.399	5.275	6.549	31.496	33.975	5.5316	1.01781	0.00015	45.3276	250.000

3.6806	13250	45.3276	26.661	37.00	41.250	2735.077	66.796	-5.206	32.400	5.275	6.549	31.496	33.975	5.5316	1.01772	0.00015	45.3278	250.000
3.6808	13251	45.3278	26.661	37.00	41.250	2735.279	66.801	-5.206	32.401	5.275	6.549	31.496	33.975	5.5316	1.01763	0.00015	45.3279	250.000
3.6811	13252	45.3279	26.661	37.00	41.250	2735.481	66.806	-5.206	32.401	5.275	6.549	31.496	33.975	5.5316	1.01754	0.00015	45.3280	250.000
3.6814	13253	45.3280	26.661	37.00	41.250	2735.683	66.811	-5.206	32.402	5.275	6.549	31.496	33.975	5.5316	1.01745	0.00015	45.3282	250.000
3.6817	13254	45.3282	26.662	37.00	41.250	2735.885	66.816	-5.206	32.402	5.276	6.549	31.496	33.975	5.5316	1.01735	0.00015	45.3283	250.000
3.6819	13255	45.3283	26.662	37.00	41.250	2736.087	66.821	-5.206	32.403	5.276	6.549	31.496	33.975	5.5316	1.01726	0.00015	45.3285	250.000
3.6822	13256	45.3285	26.662	37.00	41.250	2736.289	66.826	-5.206	32.403	5.276	6.549	31.496	33.975	5.5316	1.01717	0.00015	45.3286	250.000
3.6825	13257	45.3286	26.662	37.00	41.250	2736.491	66.831	-5.206	32.404	5.276	6.549	31.496	33.975	5.5316	1.01708	0.00015	45.3288	250.000
3.6828	13258	45.3288	26.662	37.00	41.250	2736.693	66.836	-5.206	32.405	5.276	6.549	31.496	33.975	5.5316	1.01699	0.00015	45.3289	250.000
3.6831	13259	45.3289	26.662	37.00	41.250	2736.895	66.840	-5.206	32.405	5.276	6.548	31.496	33.975	5.5316	1.01689	0.00015	45.3291	250.000
3.6833	13260	45.3291	26.662	37.00	41.250	2737.097	66.845	-5.206	32.406	5.276	6.548	31.496	33.975	5.5316	1.01680	0.00015	45.3292	250.000
3.6836	13261	45.3292	26.663	37.00	41.250	2737.299	66.850	-5.206	32.406	5.276	6.548	31.496	33.975	5.5316	1.01671	0.00015	45.3294	250.000
3.6839	13262	45.3294	26.663	37.00	41.250	2737.502	66.855	-5.206	32.407	5.276	6.548	31.496	33.975	5.5316	1.01662	0.00015	45.3295	250.000
3.6842	13263	45.3295	26.663	37.00	41.250	2737.704	66.860	-5.206	32.407	5.276	6.548	31.496	33.975	5.5316	1.01653	0.00015	45.3296	250.000
3.6844	13264	45.3296	26.663	37.00	41.250	2737.906	66.865	-5.206	32.408	5.276	6.548	31.496	33.975	5.5316	1.01643	0.00015	45.3298	250.000
3.6847	13265	45.3298	26.663	37.00	41.250	2738.108	66.870	-5.206	32.408	5.277	6.548	31.496	33.975	5.5316	1.01634	0.00015	45.3299	250.000
3.6850	13266	45.3299	26.663	37.00	41.250	2738.310	66.875	-5.206	32.409	5.277	6.548	31.496	33.975	5.5316	1.01625	0.00015	45.3301	250.000
3.6853	13267	45.3301	26.663	37.00	41.250	2738.512	66.880	-5.206	32.410	5.277	6.548	31.496	33.975	5.5316	1.01616	0.00015	45.3302	250.000
3.6856	13268	45.3302	26.664	37.00	41.250	2738.714	66.885	-5.206	32.410	5.277	6.548	31.496	33.975	5.5316	1.01607	0.00015	45.3304	250.000
3.6858	13269	45.3304	26.664	37.00	41.250	2738.916	66.890	-5.206	32.411	5.277	6.548	31.496	33.975	5.5316	1.01597	0.00015	45.3305	250.000
3.6861	13270	45.3305	26.664	37.00	41.250	2739.118	66.895	-5.206	32.411	5.277	6.547	31.496	33.975	5.5316	1.01588	0.00015	45.3307	250.000
3.6864	13271	45.3307	26.664	37.00	41.250	2739.320	66.900	-5.206	32.412	5.277	6.547	31.496	33.975	5.5316	1.01579	0.00015	45.3308	250.000
3.6867	13272	45.3308	26.664	37.00	41.250	2739.522	66.905	-5.206	32.412	5.277	6.547	31.496	33.975	5.5316	1.01570	0.00015	45.3310	250.000
3.6869	13273	45.3310	26.664	37.00	41.250	2739.724	66.910	-5.206	32.413	5.277	6.547	31.496	33.975	5.5316	1.01561	0.00015	45.3311	250.000
3.6872	13274	45.3311	26.664	37.00	41.250	2739.926	66.914	-5.206	32.414	5.277	6.547	31.496	33.975	5.5316	1.01551	0.00015	45.3312	250.000
3.6875	13275	45.3312	26.665	37.00	41.250	2740.128	66.919	-5.206	32.414	5.277	6.547	31.496	33.975	5.5316	1.01542	0.00015	45.3314	250.000
3.6878	13276	45.3314	26.665	37.00	41.250	2740.330	66.924	-5.206	32.415	5.278	6.547	31.496	33.975	5.5316	1.01533	0.00015	45.3315	250.000
3.6881	13277	45.3315	26.665	37.00	41.250	2740.532	66.929	-5.206	32.415	5.278	6.547	31.496	33.975	5.5316	1.01524	0.00015	45.3317	250.000
3.6883	13278	45.3317	26.665	37.00	41.250	2740.734	66.934	-5.206	32.416	5.278	6.547	31.496	33.975	5.5316	1.01515	0.00015	45.3318	250.000
3.6886	13279	45.3318	26.665	37.00	41.250	2740.936	66.939	-5.206	32.416	5.278	6.547	31.496	33.975	5.5316	1.01505	0.00015	45.3320	250.000
3.6889	13280	45.3320	26.665	37.00	41.250	2741.138	66.944	-5.206	32.417	5.278	6.547	31.496	33.975	5.5316	1.01496	0.00014	45.3321	250.000
3.6892	13281	45.3321	26.666	37.00	41.250	2741.340	66.949	-5.206	32.418	5.278	6.546	31.496	33.975	5.5316	1.01487	0.00014	45.3323	250.000
3.6894	13282	45.3323	26.666	37.00	41.250	2741.542	66.954	-5.206	32.418	5.278	6.546	31.496	33.975	5.5316	1.01478	0.00014	45.3324	250.000
3.6897	13283	45.3324	26.666	37.00	41.250	2741.744	66.959	-5.206	32.419	5.278	6.546	31.496	33.975	5.5316	1.01469	0.00014	45.3325	250.000
3.6900	13284	45.3325	26.666	37.00	41.250	2741.946	66.964	-5.206	32.419	5.278	6.546	31.496	33.975	5.5316	1.01460	0.00014	45.3327	250.000
3.6903	13285	45.3327	26.666	37.00	41.250	2742.148	66.969	-5.206	32.420	5.278	6.546	31.496	33.975	5.5316	1.01450	0.00014	45.3328	250.000
3.6906	13286	45.3328	26.666	37.00	41.250	2742.350	66.974	-5.206	32.420	5.278	6.546	31.496	33.975	5.5316	1.01441	0.00014	45.3330	250.000
3.6908	13287	45.3330	26.666	37.00	41.250	2742.552	66.979	-5.206	32.421	5.279	6.546	31.496	33.975	5.5316	1.01432	0.00014	45.3331	250.000
3.6911	13288	45.3331	26.667	37.00	41.250	2742.754	66.984	-5.206	32.421	5.279	6.546	31.496	33.975	5.5316	1.01423	0.00014	45.3333	250.000
3.6914	13289	45.3333	26.667	37.00	41.250	2742.956	66.988	-5.206	32.422	5.279	6.546	31.496	33.975	5.5316	1.01414	0.00014	45.3334	250.000
3.6917	13290	45.3334	26.667	37.00	41.250	2743.158	66.993	-5.206	32.423	5.279	6.546	31.496	33.975	5.5316	1.01404	0.00014	45.3336	250.000
3.6919	13291	45.3336	26.667	37.00	41.250	2743.360	66.998	-5.206	32.423	5.279	6.546	31.496	33.975	5.5316	1.01395	0.00014	45.3337	250.000
3.6922	13292	45.3337	26.667	37.00	41.250	2743.562	67.003	-5.206	32.424	5.279	6.545	31.496	33.975	5.5316	1.01386	0.00014	45.3339	250.000
3.6925	13293	45.3339	26.667	37.00	41.250	2743.764	67.008	-5.206	32.424	5.279	6.545	31.496	33.975	5.5316	1.01377	0.00014	45.3340	250.000
3.6928	13294	45.3340	26.667	37.00	41.250	2743.966	67.013	-5.206	32.425	5.279	6.545	31.496	33.975	5.5316	1.01368	0.00014	45.3341	250.000
3.6931	13295	45.3341	26.668	37.00	41.250	2744.169	67.018	-5.206	32.425	5.279	6.545	31.496	33.975	5.5316	1.01359	0.00014	45.3343	250.000
3.6933	13296	45.3343	26.668	37.00	41.250	2744.371	67.023	-5.206	32.426	5.279	6.545	31.496	33.975	5.5316	1.01349	0.00014	45.3344	250.000
3.6936	13297	45.3344	26.668	37.00	41.250	2744.573	67.028	-5.206	32.427	5.279	6.545	31.496	33.975	5.5316	1.01340	0.00014	45.3346	250.000
3.6939	13298	45.3346	26.668	37.00	41.250	2744.775	67.033	-5.206	32.427	5.280	6.545	31.496	33.975	5.5316	1.01331	0.00014	45.3347	250.000
3.6942	13299	45.3347	26.668	37.00	41.250	2744.977	67.038	-5.206	32.428	5.280	6.545	31.496	33.975	5.5316	1.01322	0.00014	45.3349	250.000
3.6944	13300	45.3349	26.668	37.00	41.250	2745.179	67.043	-5.206	32.428	5.280	6.545	31.496	33.975	5.5316	1.01313	0.00014	45.3350	250.000
3.6947	13301	45.3350	26.668	37.00	41.250	2745.381	67.048	-5.206	32.429	5.280	6.545	31.496	33.975	5.5316	1.01304	0.00014	45.3352	250.000
3.6950	13302	45.3352	26.669	37.00	41.250	2745.583	67.053	-5.206	32.429	5.280	6.544	31.496	33.975	5.5316	1.01294	0.00014	45.3353	250.000
3.6953	13303	45.3353	26.669	37.00	41.250	2745.785	67.058	-5.206	32.430	5.280	6.544	31.496	33.975	5.5316	1.01285	0.00014	45.3354	250.000
3.6956	13304	45.3354	26.669	37.00	41.250	2745.987	67.063	-5.206	32.430	5.280	6.544	31.496	33.975	5.5316	1.01276	0.00014	45.3356	250.000
3.6958	13305	45.3356	26.669	37.00	41.250	2746.189	67.067	-5.206	32.431	5.280	6.544	31.496	33.975	5.5316	1.01267	0.00014	45.3357	250.000
3.6961	13306	45.3357	26.669	37.00	41.250	2746.391	67.072	-5.206	32.432	5.280	6.544	31.496	33.975	5.5316	1.01258	0.00014	45.3359	250.000
3.6964	13307	45.3359	26.669	37.00	41.250	2746.593	67.077	-5.206	32.432	5.280	6.544	31.496	33.975	5.5316	1.01249	0.00014	45.3360	250.000
3.6967	13308	45.3360	26.669	37.00	41.250	2746.795	67.082	-5.206	32.433	5.280	6.544	31.496	33.975	5.5316	1.01239	0.00014	45.3362	250.000
3.6969	13309	45.3362	26.670	37.00	41.250	2746.997	67.087	-5.206	32.433	5.281	6.544	31.496	33.975	5.5316	1.01230	0.00014	45.3363	250.000
3.6972	13310	45.3363	26.670	37.00	41.250	2747.199	67.092	-5.206	32.434	5.281	6.544	31.496	33.975	5.5316	1.01221	0.00014	45.3365	250.000
3.6975	13311	45.3365	26.670	37.00	41.250	2747.401	67.097	-5.206	32.434	5.281	6.544	31.496	33.975	5.5316	1.01212	0.00014	45.3366	250.000
3.6978	13312	45.3366	26.670	37.00	41.250	2747.603	67.102	-5.206	32.435	5.281	6.544	31.496	33.975	5.5316	1.01203	0.00014	45.3367	250.000
3.6981	13313	45.3367	26.670	37.00	41.250	2747.805	67.107	-5.206	32.436	5.281	6.543	31.496	33.975	5.5316	1.01194	0.00014	45.3369	250.000
3.6983	13314	45.3369	26.670	37.00	41.250	2748.007	67.112	-5.206	32.436	5.281	6.543	31.496	33.975	5.5316	1.01184	0.00014	45.3370	250.000
3.6986	13315	45.3370	26.670	37.00	41.250	2748.209	67.117	-5.206	32.437	5.281	6.543	31.496	33.975	5.5316	1.01175	0.00014	45.3372	250.000
3.6989	13316	45.3372	26.671	37.00	41.250	2748.411	67.122	-5.206	32.437	5.281	6.543	31.496	33.975	5.5316	1.01166	0.00014	45.3373	250.000
3.6992	13317	45.3373	26.671	37.00	41.250	2748.613	67.127	-5.206	32.438	5.281	6.543	31.496	33.975	5.5316	1.01157	0.00014	45.3375	250.000
3.6994	13318	45.3375	26.671	37.00	41.250	2748.815	67.132	-5.206	32.438	5.281	6.543	31.496	33.975	5.5316	1.01148	0.00014	45.3376	250.000
3.6997	13319	45.3376	26.671	37.00	41.250	2749.017	67.137	-5.206	32.439	5.281	6.543	31.496	33.975	5.5316	1.01139	0.00014	45.3378	250.000
3.7000	13320	45.3378	26.671	37.00	41.250	2749.219	67.141	-5.206	32.439	5.282	6.543	31.496	33.975	5.5316	1.01130	0.00014	45.3379	250.000
3.7003	13321	45.3379	26.671	37.00	41.250	2749.421	67.146	-5.206	32.440	5.282	6.543	31.496	33.975	5.5316	1.01120	0.00014	45.3380	250.000
3.7006	13322	45.3380	26.671	37.00	41.250	2749.623	67.151	-5.206	32.441	5.282	6.543	31.496	33.975	5.5316	1.01111	0.00014	45.3382	250.000
3.7008	13323	45.3382	26.672	37.00	41.250	2749.825	67.156	-5.206	32.441	5.282	6.543	31.496	33.975	5.5316	1.01102	0.00014	45.3383	250.000
3.7011	13324	45.3383	26.672	37.00	41.250	2750.027	67.161	-5.206	32.442	5.282	6.542	31.496	33.975	5.5316	1.01093	0.00014	45.3385	250.000
3.7014	13325	45.3385	26.672	37.00	41.250	2750.229	67.166	-5.206	32.442	5.282	6.542	31.496	33.975	5.5316	1.01084	0.00014	45.3386	250.000
3.7017	13326	45.3386	26.672	37.00	41.250	2750.431	67.171	-5.206	32.443	5.282	6.542	31.496	33.975	5.5316	1.01075	0.00014	45.3388	250.000
3.7019	13327	45.3388	26.672	37.00	41.250	2750.633	67.176	-5.206	32.443	5.282	6.542	31.496	33.975	5.5316	1.01065	0.00014	45.3389	250.000
3.7022	13328	45.3389	26.672	37.00	41.250	2750.835	67.181	-5.206	32.444	5.282	6.542	31.496	33.975	5.5316	1.01056	0.00014	45.3391	250.000
3.7025	13329	45.3391	26.672	37.00	41.250	2751.038	67.186	-5.206	32.445	5.282	6.542	31.496	33.975	5.5316	1.01047	0.00014	45.3392	250.000
3.7028	13330	45.3392	26.673	37.00	41.250	2751.240	67.191	-5.206	32.445	5.282	6.542	31.496	33.975	5.5316	1.01038	0.00014	45.3393	250.000

3.7031	13331	45.3393	26.673	37.00	41.250	2751.442	67.196	-5.206	32.446	5.283	6.542	31.496	33.975	5.5316	1.01029	0.00014	45.3395	250.000
3.7033	13332	45.3395	26.673	37.00	41.250	2751.644	67.201	-5.206	32.446	5.283	6.542	31.496	33.975	5.5316	1.01020	0.00014	45.3396	250.000
3.7036	13333	45.3396	26.673	37.00	41.250	2751.846	67.206	-5.206	32.447	5.283	6.542	31.496	33.975	5.5316	1.01011	0.00014	45.3398	250.000
3.7039	13334	45.3398	26.673	37.00	41.250	2752.048	67.211	-5.206	32.447	5.283	6.542	31.496	33.975	5.5316	1.01001	0.00014	45.3399	250.000
3.7042	13335	45.3399	26.673	37.00	41.250	2752.250	67.215	-5.206	32.448	5.283	6.541	31.496	33.975	5.5316	1.00992	0.00014	45.3401	250.000
3.7044	13336	45.3401	26.673	37.00	41.250	2752.452	67.220	-5.206	32.448	5.283	6.541	31.496	33.975	5.5316	1.00983	0.00014	45.3402	250.000
3.7047	13337	45.3402	26.674	37.00	41.250	2752.654	67.225	-5.206	32.449	5.283	6.541	31.496	33.975	5.5316	1.00974	0.00014	45.3404	250.000
3.7050	13338	45.3404	26.674	37.00	41.250	2752.856	67.230	-5.206	32.450	5.283	6.541	31.496	33.975	5.5316	1.00965	0.00014	45.3405	250.000
3.7053	13339	45.3405	26.674	37.00	41.250	2753.058	67.235	-5.206	32.450	5.283	6.541	31.496	33.975	5.5316	1.00956	0.00014	45.3406	250.000
3.7056	13340	45.3406	26.674	37.00	41.250	2753.260	67.240	-5.206	32.451	5.283	6.541	31.496	33.975	5.5316	1.00947	0.00014	45.3408	250.000
3.7058	13341	45.3408	26.674	37.00	41.250	2753.462	67.245	-5.206	32.451	5.284	6.541	31.496	33.975	5.5316	1.00938	0.00014	45.3409	250.000
3.7061	13342	45.3409	26.674	37.00	41.250	2753.664	67.250	-5.206	32.452	5.284	6.541	31.496	33.975	5.5316	1.00928	0.00014	45.3411	250.000
3.7064	13343	45.3411	26.674	37.00	41.250	2753.866	67.255	-5.206	32.452	5.284	6.541	31.496	33.975	5.5316	1.00919	0.00014	45.3412	250.000
3.7067	13344	45.3412	26.675	37.00	41.250	2754.068	67.260	-5.206	32.453	5.284	6.541	31.496	33.975	5.5316	1.00910	0.00014	45.3414	250.000
3.7069	13345	45.3414	26.675	37.00	41.250	2754.270	67.265	-5.206	32.454	5.284	6.541	31.496	33.975	5.5316	1.00901	0.00014	45.3415	250.000
3.7072	13346	45.3415	26.675	37.00	41.250	2754.472	67.270	-5.206	32.454	5.284	6.540	31.496	33.975	5.5316	1.00892	0.00014	45.3417	250.000
3.7075	13347	45.3417	26.675	37.00	41.250	2754.674	67.275	-5.206	32.455	5.284	6.540	31.496	33.975	5.5316	1.00883	0.00014	45.3418	250.000
3.7078	13348	45.3418	26.675	37.00	41.250	2754.876	67.280	-5.206	32.455	5.284	6.540	31.496	33.975	5.5316	1.00874	0.00014	45.3419	250.000
3.7081	13349	45.3419	26.675	37.00	41.250	2755.078	67.285	-5.206	32.456	5.284	6.540	31.496	33.975	5.5316	1.00864	0.00014	45.3421	250.000
3.7083	13350	45.3421	26.675	37.00	41.250	2755.280	67.289	-5.206	32.456	5.284	6.540	31.496	33.975	5.5316	1.00855	0.00014	45.3422	250.000
3.7086	13351	45.3422	26.676	37.00	41.250	2755.482	67.294	-5.206	32.457	5.284	6.540	31.496	33.975	5.5316	1.00846	0.00014	45.3424	250.000
3.7089	13352	45.3424	26.676	37.00	41.250	2755.684	67.299	-5.206	32.457	5.285	6.540	31.496	33.975	5.5316	1.00837	0.00014	45.3425	250.000
3.7092	13353	45.3425	26.676	37.00	41.250	2755.886	67.304	-5.206	32.458	5.285	6.540	31.496	33.975	5.5316	1.00828	0.00014	45.3427	250.000
3.7094	13354	45.3427	26.676	37.00	41.250	2756.088	67.309	-5.206	32.459	5.285	6.540	31.496	33.975	5.5316	1.00819	0.00014	45.3428	250.000
3.7097	13355	45.3428	26.676	37.00	41.250	2756.290	67.314	-5.206	32.459	5.285	6.540	31.496	33.975	5.5316	1.00810	0.00014	45.3429	250.000
3.7100	13356	45.3429	26.676	37.00	41.250	2756.492	67.319	-5.206	32.460	5.285	6.540	31.496	33.975	5.5316	1.00801	0.00014	45.3431	250.000
3.7103	13357	45.3431	26.676	37.00	41.250	2756.694	67.324	-5.206	32.460	5.285	6.539	31.496	33.975	5.5316	1.00791	0.00014	45.3432	250.000
3.7106	13358	45.3432	26.677	37.00	41.250	2756.896	67.329	-5.206	32.461	5.285	6.539	31.496	33.975	5.5316	1.00782	0.00014	45.3434	250.000
3.7108	13359	45.3434	26.677	37.00	41.250	2757.098	67.334	-5.206	32.461	5.285	6.539	31.496	33.975	5.5316	1.00773	0.00014	45.3435	250.000
3.7111	13360	45.3435	26.677	37.00	41.250	2757.300	67.339	-5.206	32.462	5.285	6.539	31.496	33.975	5.5316	1.00764	0.00014	45.3437	250.000
3.7114	13361	45.3437	26.677	37.00	41.250	2757.502	67.344	-5.206	32.462	5.285	6.539	31.496	33.975	5.5316	1.00755	0.00014	45.3438	250.000
3.7117	13362	45.3438	26.677	37.00	41.250	2757.705	67.349	-5.206	32.463	5.285	6.539	31.496	33.975	5.5316	1.00746	0.00014	45.3440	250.000
3.7119	13363	45.3440	26.677	37.00	41.250	2757.907	67.354	-5.206	32.464	5.286	6.539	31.496	33.975	5.5316	1.00737	0.00014	45.3441	250.000
3.7122	13364	45.3441	26.677	37.00	41.250	2758.109	67.359	-5.206	32.464	5.286	6.539	31.496	33.975	5.5316	1.00728	0.00014	45.3442	250.000
3.7125	13365	45.3442	26.678	37.00	41.250	2758.311	67.363	-5.206	32.465	5.286	6.539	31.496	33.975	5.5316	1.00719	0.00014	45.3444	250.000
3.7128	13366	45.3444	26.678	37.00	41.250	2758.513	67.368	-5.206	32.465	5.286	6.539	31.496	33.975	5.5316	1.00709	0.00014	45.3445	250.000
3.7131	13367	45.3445	26.678	37.00	41.250	2758.715	67.373	-5.206	32.466	5.286	6.539	31.496	33.975	5.5316	1.00700	0.00014	45.3447	250.000
3.7133	13368	45.3447	26.678	37.00	41.250	2758.917	67.378	-5.206	32.466	5.286	6.538	31.496	33.975	5.5316	1.00691	0.00014	45.3448	250.000
3.7136	13369	45.3448	26.678	37.00	41.250	2759.119	67.383	-5.206	32.467	5.286	6.538	31.496	33.975	5.5316	1.00682	0.00014	45.3450	250.000
3.7139	13370	45.3450	26.678	37.00	41.250	2759.321	67.388	-5.206	32.468	5.286	6.538	31.496	33.975	5.5316	1.00673	0.00014	45.3451	250.000
3.7142	13371	45.3451	26.678	37.00	41.250	2759.523	67.393	-5.206	32.468	5.286	6.538	31.496	33.975	5.5316	1.00664	0.00014	45.3453	250.000
3.7144	13372	45.3453	26.679	37.00	41.250	2759.725	67.398	-5.206	32.469	5.286	6.538	31.496	33.975	5.5316	1.00655	0.00014	45.3454	250.000
3.7147	13373	45.3454	26.679	37.00	41.250	2759.927	67.403	-5.206	32.469	5.286	6.538	31.496	33.975	5.5316	1.00646	0.00014	45.3455	250.000
3.7150	13374	45.3455	26.679	37.00	41.250	2760.129	67.408	-5.206	32.470	5.287	6.538	31.496	33.975	5.5316	1.00637	0.00014	45.3457	250.000
3.7153	13375	45.3457	26.679	37.00	41.250	2760.331	67.413	-5.206	32.470	5.287	6.538	31.496	33.975	5.5316	1.00627	0.00014	45.3458	250.000
3.7156	13376	45.3458	26.679	37.00	41.250	2760.533	67.418	-5.206	32.471	5.287	6.538	31.496	33.975	5.5316	1.00618	0.00014	45.3460	250.000
3.7158	13377	45.3460	26.679	37.00	41.250	2760.735	67.423	-5.206	32.471	5.287	6.538	31.496	33.975	5.5316	1.00609	0.00014	45.3461	250.000
3.7161	13378	45.3461	26.680	37.00	41.250	2760.937	67.428	-5.206	32.472	5.287	6.538	31.496	33.975	5.5316	1.00600	0.00014	45.3463	250.000
3.7164	13379	45.3463	26.680	37.00	41.250	2761.139	67.433	-5.206	32.473	5.287	6.537	31.496	33.975	5.5316	1.00591	0.00014	45.3464	250.000
3.7167	13380	45.3464	26.680	37.00	41.250	2761.341	67.437	-5.206	32.473	5.287	6.537	31.496	33.975	5.5316	1.00582	0.00014	45.3465	250.000
3.7169	13381	45.3465	26.680	37.00	41.250	2761.543	67.442	-5.206	32.474	5.287	6.537	31.496	33.975	5.5316	1.00573	0.00014	45.3467	250.000
3.7172	13382	45.3467	26.680	37.00	41.250	2761.745	67.447	-5.206	32.474	5.287	6.537	31.496	33.975	5.5316	1.00564	0.00014	45.3468	250.000
3.7175	13383	45.3468	26.680	37.00	41.250	2761.947	67.452	-5.206	32.475	5.287	6.537	31.496	33.975	5.5316	1.00555	0.00014	45.3470	250.000
3.7178	13384	45.3470	26.680	37.00	41.250	2762.149	67.457	-5.206	32.475	5.287	6.537	31.496	33.975	5.5316	1.00545	0.00014	45.3471	250.000
3.7181	13385	45.3471	26.681	37.00	41.250	2762.351	67.462	-5.206	32.476	5.288	6.537	31.496	33.975	5.5316	1.00536	0.00014	45.3473	250.000
3.7183	13386	45.3473	26.681	37.00	41.250	2762.553	67.467	-5.206	32.476	5.288	6.537	31.496	33.975	5.5316	1.00527	0.00014	45.3474	250.000
3.7186	13387	45.3474	26.681	37.00	41.250	2762.755	67.472	-5.206	32.477	5.288	6.537	31.496	33.975	5.5316	1.00518	0.00014	45.3476	250.000
3.7189	13388	45.3476	26.681	37.00	41.250	2762.957	67.477	-5.206	32.478	5.288	6.537	31.496	33.975	5.5316	1.00509	0.00014	45.3477	250.000
3.7192	13389	45.3477	26.681	37.00	41.250	2763.159	67.482	-5.206	32.478	5.288	6.537	31.496	33.975	5.5316	1.00500	0.00014	45.3478	250.000
3.7194	13390	45.3478	26.681	37.00	41.250	2763.361	67.487	-5.206	32.479	5.288	6.536	31.496	33.975	5.5316	1.00491	0.00014	45.3480	250.000
3.7197	13391	45.3480	26.681	37.00	41.250	2763.563	67.492	-5.206	32.479	5.288	6.536	31.496	33.975	5.5316	1.00482	0.00014	45.3481	250.000
3.7200	13392	45.3481	26.682	37.00	41.250	2763.765	67.497	-5.206	32.480	5.288	6.536	31.496	33.975	5.5316	1.00473	0.00014	45.3483	250.000
3.7203	13393	45.3483	26.682	37.00	41.250	2763.967	67.502	-5.206	32.480	5.288	6.536	31.496	33.975	5.5316	1.00464	0.00014	45.3484	250.000
3.7206	13394	45.3484	26.682	37.00	41.250	2764.169	67.507	-5.206	32.481	5.288	6.536	31.496	33.975	5.5316	1.00455	0.00014	45.3486	250.000
3.7208	13395	45.3486	26.682	37.00	41.250	2764.372	67.512	-5.206	32.481	5.288	6.536	31.496	33.975	5.5316	1.00445	0.00014	45.3487	250.000
3.7211	13396	45.3487	26.682	37.00	41.250	2764.574	67.516	-5.206	32.482	5.289	6.536	31.496	33.975	5.5316	1.00436	0.00014	45.3488	250.000
3.7214	13397	45.3488	26.682	37.00	41.250	2764.776	67.521	-5.206	32.483	5.289	6.536	31.496	33.975	5.5316	1.00427	0.00014	45.3490	250.000
3.7217	13398	45.3490	26.682	37.00	41.250	2764.978	67.526	-5.206	32.483	5.289	6.536	31.496	33.975	5.5316	1.00418	0.00014	45.3491	250.000
3.7219	13399	45.3491	26.683	37.00	41.250	2765.180	67.531	-5.206	32.484	5.289	6.536	31.496	33.975	5.5316	1.00409	0.00014	45.3493	250.000
3.7222	13400	45.3493	26.683	37.00	41.250	2765.382	67.536	-5.206	32.484	5.289	6.536	31.496	33.975	5.5316	1.00400	0.00014	45.3494	250.000
3.7225	13401	45.3494	26.683	37.00	41.250	2765.584	67.541	-5.206	32.485	5.289	6.535	31.496	33.975	5.5316	1.00391	0.00014	45.3496	250.000
3.7228	13402	45.3496	26.683	37.00	41.250	2765.786	67.546	-5.206	32.485	5.289	6.535	31.496	33.975	5.5316	1.00382	0.00014	45.3497	250.000
3.7231	13403	45.3497	26.683	37.00	41.250	2765.988	67.551	-5.206	32.486	5.289	6.535	31.496	33.975	5.5316	1.00373	0.00014	45.3498	250.000
3.7233	13404	45.3498	26.683	37.00	41.250	2766.190	67.556	-5.206	32.487	5.289	6.535	31.496	33.975	5.5316	1.00364	0.00014	45.3500	250.000
3.7236	13405	45.3500	26.683	37.00	41.250	2766.392	67.561	-5.206	32.487	5.289	6.535	31.496	33.975	5.5316	1.00355	0.00014	45.3501	250.000
3.7239	13406	45.3501	26.684	37.00	41.250	2766.594	67.566	-5.206	32.488	5.289	6.535	31.496	33.975	5.5316	1.00346	0.00014	45.3503	250.000
3.7242	13407	45.3503	26.684	37.00	41.250	2766.796	67.571	-5.206	32.488	5.290	6.535	31.496	33.975	5.5316	1.00336	0.00014	45.3504	250.000
3.7244	13408	45.3504	26.684	37.00	41.250	2766.998	67.576	-5.206	32.489	5.290	6.535	31.496	33.975	5.5316	1.00327	0.00014	45.3506	250.000
3.7247	13409	45.3506	26.684	37.00	41.250	2767.200	67.581	-5.206	32.489	5.290	6.535	31.496	33.975	5.5316	1.00318	0.00014	45.3507	250.000
3.7250	13410	45.3507	26.684	37.00	41.250	2767.402	67.586	-5.206	32.490	5.290	6.535	31.496	33.975	5.5316	1.00309	0.00014	45.3508	250.000
3.7253	13411	45.3508	26.684	37.00	41.250	2767.604	67.590	-5.206	32.490	5.290	6.535	31.496	33.975	5.5316	1.00300	0.00014	45.3510	250.000

3.7256	13412	45.3510	26.684	37.00	41.250	2767.806	67.595	-5.206	32.491	5.290	6.534	31.496	33.975	5.5316	1.00291	0.00014	45.3511	250.000
3.7258	13413	45.3511	26.685	37.00	41.250	2768.008	67.600	-5.206	32.492	5.290	6.534	31.496	33.975	5.5316	1.00282	0.00014	45.3513	250.000
3.7261	13414	45.3513	26.685	37.00	41.250	2768.210	67.605	-5.206	32.492	5.290	6.534	31.496	33.975	5.5316	1.00273	0.00014	45.3514	250.000
3.7264	13415	45.3514	26.685	37.00	41.250	2768.412	67.610	-5.206	32.493	5.290	6.534	31.496	33.975	5.5316	1.00264	0.00014	45.3516	250.000
3.7267	13416	45.3516	26.685	37.00	41.250	2768.614	67.615	-5.206	32.493	5.290	6.534	31.496	33.975	5.5316	1.00255	0.00014	45.3517	250.000
3.7269	13417	45.3517	26.685	37.00	41.250	2768.816	67.620	-5.206	32.494	5.290	6.534	31.496	33.975	5.5316	1.00246	0.00014	45.3519	250.000
3.7272	13418	45.3519	26.685	37.00	41.250	2769.018	67.625	-5.206	32.494	5.291	6.534	31.496	33.975	5.5316	1.00237	0.00014	45.3520	250.000
3.7275	13419	45.3520	26.685	37.00	41.250	2769.220	67.630	-5.206	32.495	5.291	6.534	31.496	33.975	5.5316	1.00228	0.00014	45.3521	250.000
3.7278	13420	45.3521	26.686	37.00	41.250	2769.422	67.635	-5.206	32.495	5.291	6.534	31.496	33.975	5.5316	1.00218	0.00014	45.3523	250.000
3.7281	13421	45.3523	26.686	37.00	41.250	2769.624	67.640	-5.206	32.496	5.291	6.534	31.496	33.975	5.5316	1.00209	0.00014	45.3524	250.000
3.7283	13422	45.3524	26.686	37.00	41.250	2769.826	67.645	-5.206	32.497	5.291	6.534	31.496	33.975	5.5316	1.00200	0.00014	45.3526	250.000
3.7286	13423	45.3526	26.686	37.00	41.250	2770.028	67.650	-5.206	32.497	5.291	6.533	31.496	33.975	5.5316	1.00191	0.00014	45.3527	250.000
3.7289	13424	45.3527	26.686	37.00	41.250	2770.230	67.655	-5.206	32.498	5.291	6.533	31.496	33.975	5.5316	1.00182	0.00014	45.3529	250.000
3.7292	13425	45.3529	26.686	37.00	41.250	2770.432	67.660	-5.206	32.498	5.291	6.533	31.496	33.975	5.5316	1.00173	0.00014	45.3530	250.000
3.7294	13426	45.3530	26.686	37.00	41.250	2770.634	67.664	-5.206	32.499	5.291	6.533	31.496	33.975	5.5316	1.00164	0.00014	45.3531	250.000
3.7297	13427	45.3531	26.687	37.00	41.250	2770.836	67.669	-5.206	32.499	5.291	6.533	31.496	33.975	5.5316	1.00155	0.00014	45.3533	250.000
3.7300	13428	45.3533	26.687	37.00	41.250	2771.038	67.674	-5.206	32.500	5.291	6.533	31.496	33.975	5.5316	1.00146	0.00014	45.3534	250.000
3.7303	13429	45.3534	26.687	37.00	41.250	2771.241	67.679	-5.206	32.500	5.292	6.533	31.496	33.975	5.5316	1.00137	0.00014	45.3536	250.000
3.7306	13430	45.3536	26.687	37.00	41.250	2771.443	67.684	-5.206	32.501	5.292	6.533	31.496	33.975	5.5316	1.00128	0.00014	45.3537	250.000
3.7308	13431	45.3537	26.687	37.00	41.250	2771.645	67.689	-5.206	32.502	5.292	6.533	31.496	33.975	5.5316	1.00119	0.00014	45.3539	250.000
3.7311	13432	45.3539	26.687	37.00	41.250	2771.847	67.694	-5.206	32.502	5.292	6.533	31.496	33.975	5.5316	1.00110	0.00014	45.3540	250.000
3.7314	13433	45.3540	26.687	37.00	41.250	2772.049	67.699	-5.206	32.503	5.292	6.533	31.496	33.975	5.5316	1.00101	0.00014	45.3541	250.000
3.7317	13434	45.3541	26.688	37.00	41.250	2772.251	67.704	-5.206	32.503	5.292	6.532	31.496	33.975	5.5316	1.00092	0.00014	45.3543	250.000
3.7319	13435	45.3543	26.688	37.00	41.250	2772.453	67.709	-5.206	32.504	5.292	6.532	31.496	33.975	5.5316	1.00083	0.00014	45.3544	250.000
3.7322	13436	45.3544	26.688	37.00	41.250	2772.655	67.714	-5.206	32.504	5.292	6.532	31.496	33.975	5.5316	1.00073	0.00014	45.3546	250.000
3.7325	13437	45.3546	26.688	37.00	41.250	2772.857	67.719	-5.206	32.505	5.292	6.532	31.496	33.975	5.5316	1.00064	0.00014	45.3547	250.000
3.7328	13438	45.3547	26.688	37.00	41.250	2773.059	67.724	-5.206	32.505	5.292	6.532	31.496	33.975	5.5316	1.00055	0.00014	45.3549	250.000
3.7331	13439	45.3549	26.688	37.00	41.250	2773.261	67.729	-5.206	32.506	5.292	6.532	31.496	33.975	5.5316	1.00046	0.00014	45.3550	250.000
3.7333	13440	45.3550	26.688	37.00	41.250	2773.463	67.734	-5.206	32.507	5.293	6.532	31.496	33.975	5.5316	1.00037	0.00014	45.3551	250.000
3.7336	13441	45.3551	26.689	37.00	41.250	2773.665	67.738	-5.206	32.507	5.293	6.532	31.496	33.975	5.5316	1.00028	0.00014	45.3553	250.000
3.7339	13442	45.3553	26.689	37.00	41.250	2773.867	67.743	-5.206	32.508	5.293	6.532	31.496	33.975	5.5316	1.00019	0.00014	45.3554	250.000
3.7342	13443	45.3554	26.689	37.00	41.250	2774.069	67.748	-5.206	32.508	5.293	6.532	31.496	33.975	5.5316	1.00010	0.00014	45.3556	250.000
3.7344	13444	45.3556	26.689	37.00	41.250	2774.271	67.753	-5.206	32.509	5.293	6.532	31.496	33.975	5.5316	1.00001	0.00014	45.3557	250.000
3.7347	13445	45.3557	26.689	37.00	41.250	2774.473	67.758	-5.206	32.509	5.293	6.531	31.496	33.975	5.5316	0.99992	0.00014	45.3559	250.000
3.7350	13446	45.3559	26.689	37.00	41.250	2774.675	67.763	-5.206	32.510	5.293	6.531	31.496	33.975	5.5316	0.99983	0.00014	45.3560	250.000
3.7353	13447	45.3560	26.689	37.00	41.250	2774.877	67.768	-5.206	32.510	5.293	6.531	31.496	33.975	5.5316	0.99974	0.00014	45.3561	250.000
3.7356	13448	45.3561	26.690	37.00	41.250	2775.079	67.773	-5.206	32.511	5.293	6.531	31.496	33.975	5.5316	0.99965	0.00014	45.3563	250.000
3.7358	13449	45.3563	26.690	37.00	41.250	2775.281	67.778	-5.206	32.512	5.293	6.531	31.496	33.975	5.5316	0.99956	0.00014	45.3564	250.000
3.7361	13450	45.3564	26.690	37.00	41.250	2775.483	67.783	-5.206	32.512	5.293	6.531	31.496	33.975	5.5316	0.99947	0.00014	45.3566	250.000
3.7364	13451	45.3566	26.690	37.00	41.250	2775.685	67.788	-5.206	32.513	5.293	6.531	31.496	33.975	5.5316	0.99938	0.00014	45.3567	250.000
3.7367	13452	45.3567	26.690	37.00	41.250	2775.887	67.793	-5.206	32.513	5.294	6.531	31.496	33.975	5.5316	0.99929	0.00014	45.3569	250.000
3.7369	13453	45.3569	26.690	37.00	41.250	2776.089	67.798	-5.206	32.514	5.294	6.531	31.496	33.975	5.5316	0.99920	0.00014	45.3570	250.000
3.7372	13454	45.3570	26.690	37.00	41.250	2776.291	67.803	-5.206	32.514	5.294	6.531	31.496	33.975	5.5316	0.99911	0.00014	45.3571	250.000
3.7375	13455	45.3571	26.691	37.00	41.250	2776.493	67.808	-5.206	32.515	5.294	6.531	31.496	33.975	5.5316	0.99902	0.00014	45.3573	250.000
3.7378	13456	45.3573	26.691	37.00	41.250	2776.695	67.812	-5.206	32.515	5.294	6.530	31.496	33.975	5.5316	0.99892	0.00014	45.3574	250.000
3.7381	13457	45.3574	26.691	37.00	41.250	2776.897	67.817	-5.206	32.516	5.294	6.530	31.496	33.975	5.5316	0.99883	0.00014	45.3576	250.000
3.7383	13458	45.3576	26.691	37.00	41.250	2777.099	67.822	-5.206	32.517	5.294	6.530	31.496	33.975	5.5316	0.99874	0.00014	45.3577	250.000
3.7386	13459	45.3577	26.691	37.00	41.250	2777.301	67.827	-5.206	32.517	5.294	6.530	31.496	33.975	5.5316	0.99865	0.00014	45.3579	250.000
3.7389	13460	45.3579	26.691	37.00	41.250	2777.503	67.832	-5.206	32.518	5.294	6.530	31.496	33.975	5.5316	0.99856	0.00014	45.3580	250.000
3.7392	13461	45.3580	26.691	37.00	41.250	2777.705	67.837	-5.206	32.518	5.294	6.530	31.496	33.975	5.5316	0.99847	0.00014	45.3581	250.000
3.7394	13462	45.3581	26.692	37.00	41.250	2777.908	67.842	-5.206	32.519	5.294	6.530	31.496	33.975	5.5316	0.99838	0.00014	45.3583	250.000
3.7397	13463	45.3583	26.692	37.00	41.250	2778.110	67.847	-5.206	32.519	5.295	6.530	31.496	33.975	5.5316	0.99829	0.00014	45.3584	250.000
3.7400	13464	45.3584	26.692	37.00	41.250	2778.312	67.852	-5.206	32.520	5.295	6.530	31.496	33.975	5.5316	0.99820	0.00014	45.3586	250.000
3.7403	13465	45.3586	26.692	37.00	41.250	2778.514	67.857	-5.206	32.520	5.295	6.530	31.496	33.975	5.5316	0.99811	0.00014	45.3587	250.000
3.7406	13466	45.3587	26.692	37.00	41.250	2778.716	67.862	-5.206	32.521	5.295	6.530	31.496	33.975	5.5316	0.99802	0.00014	45.3589	250.000
3.7408	13467	45.3589	26.692	37.00	41.250	2778.918	67.867	-5.206	32.522	5.295	6.529	31.496	33.975	5.5316	0.99793	0.00014	45.3590	250.000
3.7411	13468	45.3590	26.692	37.00	41.250	2779.120	67.872	-5.206	32.522	5.295	6.529	31.496	33.975	5.5316	0.99784	0.00014	45.3591	250.000
3.7414	13469	45.3591	26.693	37.00	41.250	2779.322	67.877	-5.206	32.523	5.295	6.529	31.496	33.975	5.5316	0.99775	0.00014	45.3593	250.000
3.7417	13470	45.3593	26.693	37.00	41.250	2779.524	67.882	-5.206	32.523	5.295	6.529	31.496	33.975	5.5316	0.99766	0.00014	45.3594	250.000
3.7419	13471	45.3594	26.693	37.00	41.250	2779.726	67.886	-5.206	32.524	5.295	6.529	31.496	33.975	5.5316	0.99757	0.00014	45.3596	250.000
3.7422	13472	45.3596	26.693	37.00	41.250	2779.928	67.891	-5.206	32.524	5.295	6.529	31.496	33.975	5.5316	0.99748	0.00014	45.3597	250.000
3.7425	13473	45.3597	26.693	37.00	41.250	2780.130	67.896	-5.206	32.525	5.295	6.529	31.496	33.975	5.5316	0.99739	0.00014	45.3599	250.000
3.7428	13474	45.3599	26.693	37.00	41.250	2780.332	67.901	-5.206	32.525	5.296	6.529	31.496	33.975	5.5316	0.99730	0.00014	45.3600	250.000
3.7431	13475	45.3600	26.693	37.00	41.250	2780.534	67.906	-5.206	32.526	5.296	6.529	31.496	33.975	5.5316	0.99721	0.00014	45.3601	250.000
3.7433	13476	45.3601	26.694	37.00	41.250	2780.736	67.911	-5.206	32.527	5.296	6.529	31.496	33.975	5.5316	0.99712	0.00014	45.3603	250.000
3.7436	13477	45.3603	26.694	37.00	41.250	2780.938	67.916	-5.206	32.527	5.296	6.529	31.496	33.975	5.5316	0.99703	0.00014	45.3604	250.000
3.7439	13478	45.3604	26.694	37.00	41.250	2781.140	67.921	-5.206	32.528	5.296	6.528	31.496	33.975	5.5316	0.99694	0.00014	45.3606	250.000
3.7442	13479	45.3606	26.694	37.00	41.250	2781.342	67.926	-5.206	32.528	5.296	6.528	31.496	33.975	5.5316	0.99685	0.00014	45.3607	250.000
3.7444	13480	45.3607	26.694	37.00	41.250	2781.544	67.931	-5.206	32.529	5.296	6.528	31.496	33.975	5.5316	0.99676	0.00014	45.3608	250.000
3.7447	13481	45.3608	26.694	37.00	41.250	2781.746	67.936	-5.206	32.529	5.296	6.528	31.496	33.975	5.5316	0.99667	0.00014	45.3610	250.000
3.7450	13482	45.3610	26.694	37.00	41.250	2781.948	67.941	-5.206	32.530	5.296	6.528	31.496	33.975	5.5316	0.99658	0.00014	45.3611	250.000
3.7453	13483	45.3611	26.695	37.00	41.250	2782.150	67.946	-5.206	32.530	5.296	6.528	31.496	33.975	5.5316	0.99649	0.00014	45.3613	250.000
3.7456	13484	45.3613	26.695	37.00	41.250	2782.352	67.951	-5.206	32.531	5.296	6.528	31.496	33.975	5.5316	0.99640	0.00014	45.3614	250.000
3.7458	13485	45.3614	26.695	37.00	41.250	2782.554	67.956	-5.206	32.532	5.297	6.528	31.496	33.975	5.5316	0.99631	0.00014	45.3616	250.000
3.7461	13486	45.3616	26.695	37.00	41.250	2782.756	67.960	-5.206	32.532	5.297	6.528	31.496	33.975	5.5316	0.99622	0.00014	45.3617	250.000
3.7464	13487	45.3617	26.695	37.00	41.250	2782.958	67.965	-5.206	32.533	5.297	6.528	31.496	33.975	5.5316	0.99613	0.00014	45.3618	250.000
3.7467	13488	45.3618	26.695	37.00	41.250	2783.160	67.970	-5.206	32.533	5.297	6.528	31.496	33.975	5.5316	0.99604	0.00014	45.3620	250.000
3.7469	13489	45.3620	26.695	37.00	41.250	2783.362	67.975	-5.206	32.534	5.297	6.527	31.496	33.975	5.5316	0.99595	0.00014	45.3621	250.000
3.7472	13490	45.3621	26.696	37.00	41.250	2783.564	67.980	-5.206	32.534	5.297	6.527	31.496	33.975	5.5316	0.99586	0.00014	45.3623	250.000
3.7475	13491	45.3623	26.696	37.00	41.250	2783.766	67.985	-5.206	32.535	5.297	6.527	31.496	33.975	5.5316	0.99577	0.00014	45.3624	250.000
3.7478	13492	45.3624	26.696	37.00	41.250	2783.968	67.990	-5.206	32.535	5.297	6.527	31.496	33.975	5.5316	0.99568	0.00014	45.3626	250.000

3.7481	13493	45.3626	26.696	37.00	41.250	2784.170	67.995	-5.206	32.536	5.297	6.527	31.496	33.975	5.5316	0.99559	0.00014	45.3627	250.000
3.7483	13494	45.3627	26.696	37.00	41.250	2784.372	68.000	-5.206	32.537	5.297	6.527	31.496	33.975	5.5316	0.99550	0.00014	45.3628	250.000
3.7486	13495	45.3628	26.696	37.00	41.250	2784.574	68.005	-5.206	32.537	5.297	6.527	31.496	33.975	5.5316	0.99541	0.00014	45.3630	250.000
3.7489	13496	45.3630	26.696	37.00	41.250	2784.777	68.010	-5.206	32.538	5.298	6.527	31.496	33.975	5.5316	0.99532	0.00014	45.3631	250.000
3.7492	13497	45.3631	26.697	37.00	41.250	2784.979	68.015	-5.206	32.538	5.298	6.527	31.496	33.975	5.5316	0.99523	0.00014	45.3633	250.000
3.7494	13498	45.3633	26.697	37.00	41.250	2785.181	68.020	-5.206	32.539	5.298	6.527	31.496	33.975	5.5316	0.99514	0.00014	45.3634	250.000
3.7497	13499	45.3634	26.697	37.00	41.250	2785.383	68.025	-5.206	32.539	5.298	6.527	31.496	33.975	5.5316	0.99505	0.00014	45.3636	250.000
3.7500	13500	45.3636	26.697	37.00	41.250	2785.585	68.030	-5.206	32.540	5.298	6.527	31.496	33.975	5.5316	0.99496	0.00014	45.3637	250.000
3.7503	13501	45.3637	26.697	37.00	41.250	2785.787	68.035	-5.206	32.540	5.298	6.526	31.496	33.975	5.5316	0.99487	0.00014	45.3638	250.000
3.7506	13502	45.3638	26.697	37.00	41.250	2785.989	68.039	-5.206	32.541	5.298	6.526	31.496	33.975	5.5316	0.99478	0.00014	45.3640	250.000
3.7508	13503	45.3640	26.697	37.00	41.250	2786.191	68.044	-5.206	32.541	5.298	6.526	31.496	33.975	5.5316	0.99469	0.00014	45.3641	250.000
3.7511	13504	45.3641	26.698	37.00	41.250	2786.393	68.049	-5.206	32.542	5.298	6.526	31.496	33.975	5.5316	0.99460	0.00014	45.3643	250.000
3.7514	13505	45.3643	26.698	37.00	41.250	2786.595	68.054	-5.206	32.543	5.298	6.526	31.496	33.975	5.5316	0.99451	0.00014	45.3644	250.000
3.7517	13506	45.3644	26.698	37.00	41.250	2786.797	68.059	-5.206	32.543	5.298	6.526	31.496	33.975	5.5316	0.99442	0.00014	45.3645	250.000
3.7519	13507	45.3645	26.698	37.00	41.250	2786.999	68.064	-5.206	32.544	5.299	6.526	31.496	33.975	5.5316	0.99433	0.00014	45.3647	250.000
3.7522	13508	45.3647	26.698	37.00	41.250	2787.201	68.069	-5.206	32.544	5.299	6.526	31.496	33.975	5.5316	0.99424	0.00014	45.3648	250.000
3.7525	13509	45.3648	26.698	37.00	41.250	2787.403	68.074	-5.206	32.545	5.299	6.526	31.496	33.975	5.5316	0.99415	0.00014	45.3650	250.000
3.7528	13510	45.3650	26.698	37.00	41.250	2787.605	68.079	-5.206	32.545	5.299	6.526	31.496	33.975	5.5316	0.99406	0.00014	45.3651	250.000
3.7531	13511	45.3651	26.699	37.00	41.250	2787.807	68.084	-5.206	32.546	5.299	6.526	31.496	33.975	5.5316	0.99397	0.00014	45.3653	250.000
3.7533	13512	45.3653	26.699	37.00	41.250	2788.009	68.089	-5.206	32.546	5.299	6.525	31.496	33.975	5.5316	0.99388	0.00014	45.3654	250.000
3.7536	13513	45.3654	26.699	37.00	41.250	2788.211	68.094	-5.206	32.547	5.299	6.525	31.496	33.975	5.5316	0.99379	0.00014	45.3655	250.000
3.7539	13514	45.3655	26.699	37.00	41.250	2788.413	68.099	-5.206	32.548	5.299	6.525	31.496	33.975	5.5316	0.99370	0.00014	45.3657	250.000
3.7542	13515	45.3657	26.699	37.00	41.250	2788.615	68.104	-5.206	32.548	5.299	6.525	31.496	33.975	5.5316	0.99361	0.00014	45.3658	250.000
3.7544	13516	45.3658	26.699	37.00	41.250	2788.817	68.109	-5.206	32.549	5.299	6.525	31.496	33.975	5.5316	0.99352	0.00014	45.3660	250.000
3.7547	13517	45.3660	26.699	37.00	41.250	2789.019	68.113	-5.206	32.549	5.299	6.525	31.496	33.975	5.5316	0.99343	0.00014	45.3661	250.000
3.7550	13518	45.3661	26.699	37.00	41.250	2789.221	68.118	-5.206	32.550	5.300	6.525	31.496	33.975	5.5316	0.99334	0.00014	45.3662	250.000
3.7553	13519	45.3662	26.700	37.00	41.250	2789.423	68.123	-5.206	32.550	5.300	6.525	31.496	33.975	5.5316	0.99325	0.00014	45.3664	250.000
3.7556	13520	45.3664	26.700	37.00	41.250	2789.625	68.128	-5.206	32.551	5.300	6.525	31.496	33.975	5.5316	0.99316	0.00014	45.3665	250.000
3.7558	13521	45.3665	26.700	37.00	41.250	2789.827	68.133	-5.206	32.551	5.300	6.525	31.496	33.975	5.5316	0.99307	0.00014	45.3667	250.000
3.7561	13522	45.3667	26.700	37.00	41.250	2790.029	68.138	-5.206	32.552	5.300	6.525	31.496	33.975	5.5316	0.99298	0.00014	45.3668	250.000
3.7564	13523	45.3668	26.700	37.00	41.250	2790.231	68.143	-5.206	32.553	5.300	6.524	31.496	33.975	5.5316	0.99289	0.00014	45.3670	250.000
3.7567	13524	45.3670	26.700	37.00	41.250	2790.433	68.148	-5.206	32.553	5.300	6.524	31.496	33.975	5.5316	0.99280	0.00014	45.3671	250.000
3.7569	13525	45.3671	26.700	37.00	41.250	2790.635	68.153	-5.206	32.554	5.300	6.524	31.496	33.975	5.5316	0.99271	0.00014	45.3672	250.000
3.7572	13526	45.3672	26.701	37.00	41.250	2790.837	68.158	-5.206	32.554	5.300	6.524	31.496	33.975	5.5316	0.99262	0.00014	45.3674	250.000
3.7575	13527	45.3674	26.701	37.00	41.250	2791.039	68.163	-5.206	32.555	5.300	6.524	31.496	33.975	5.5316	0.99253	0.00014	45.3675	250.000
3.7578	13528	45.3675	26.701	37.00	41.250	2791.241	68.168	-5.206	32.555	5.300	6.524	31.496	33.975	5.5316	0.99244	0.00014	45.3677	250.000
3.7581	13529	45.3677	26.701	37.00	41.250	2791.444	68.173	-5.206	32.556	5.301	6.524	31.496	33.975	5.5316	0.99235	0.00014	45.3678	250.000
3.7583	13530	45.3678	26.701	37.00	41.250	2791.646	68.178	-5.206	32.556	5.301	6.524	31.496	33.975	5.5316	0.99226	0.00014	45.3680	250.000
3.7586	13531	45.3680	26.701	37.00	41.250	2791.848	68.183	-5.206	32.557	5.301	6.524	31.496	33.975	5.5316	0.99217	0.00014	45.3681	250.000
3.7589	13532	45.3681	26.701	37.00	41.250	2792.050	68.187	-5.206	32.558	5.301	6.524	31.496	33.975	5.5316	0.99208	0.00014	45.3682	250.000
3.7592	13533	45.3682	26.702	37.00	41.250	2792.252	68.192	-5.206	32.558	5.301	6.524	31.496	33.975	5.5316	0.99199	0.00014	45.3684	250.000
3.7594	13534	45.3684	26.702	37.00	41.250	2792.454	68.197	-5.206	32.559	5.301	6.523	31.496	33.975	5.5316	0.99190	0.00014	45.3685	250.000
3.7597	13535	45.3685	26.702	37.00	41.250	2792.656	68.202	-5.206	32.559	5.301	6.523	31.496	33.975	5.5316	0.99181	0.00014	45.3687	250.000
3.7600	13536	45.3687	26.702	37.00	41.250	2792.858	68.207	-5.206	32.560	5.301	6.523	31.496	33.975	5.5316	0.99172	0.00014	45.3688	250.000
3.7603	13537	45.3688	26.702	37.00	41.250	2793.060	68.212	-5.206	32.560	5.301	6.523	31.496	33.975	5.5316	0.99163	0.00014	45.3689	250.000
3.7606	13538	45.3689	26.702	37.00	41.250	2793.262	68.217	-5.206	32.561	5.301	6.523	31.496	33.975	5.5316	0.99154	0.00014	45.3691	250.000
3.7608	13539	45.3691	26.702	37.00	41.250	2793.464	68.222	-5.206	32.561	5.301	6.523	31.496	33.975	5.5316	0.99145	0.00014	45.3692	250.000
3.7611	13540	45.3692	26.703	37.00	41.250	2793.666	68.227	-5.206	32.562	5.302	6.523	31.496	33.975	5.5316	0.99136	0.00014	45.3694	250.000
3.7614	13541	45.3694	26.703	37.00	41.250	2793.868	68.232	-5.206	32.562	5.302	6.523	31.496	33.975	5.5316	0.99127	0.00014	45.3695	250.000
3.7617	13542	45.3695	26.703	37.00	41.250	2794.070	68.237	-5.206	32.563	5.302	6.523	31.496	33.975	5.5316	0.99118	0.00014	45.3697	250.000
3.7619	13543	45.3697	26.703	37.00	41.250	2794.272	68.242	-5.206	32.564	5.302	6.523	31.496	33.975	5.5316	0.99109	0.00014	45.3698	250.000
3.7622	13544	45.3698	26.703	37.00	41.250	2794.474	68.247	-5.206	32.564	5.302	6.523	31.496	33.975	5.5316	0.99100	0.00014	45.3699	250.000
3.7625	13545	45.3699	26.703	37.00	41.250	2794.676	68.252	-5.206	32.565	5.302	6.522	31.496	33.975	5.5316	0.99091	0.00014	45.3701	250.000
3.7628	13546	45.3701	26.703	37.00	41.250	2794.878	68.257	-5.206	32.565	5.302	6.522	31.496	33.975	5.5316	0.99082	0.00014	45.3702	250.000
3.7631	13547	45.3702	26.704	37.00	41.250	2795.080	68.261	-5.206	32.566	5.302	6.522	31.496	33.975	5.5316	0.99073	0.00014	45.3704	250.000
3.7633	13548	45.3704	26.704	37.00	41.250	2795.282	68.266	-5.206	32.566	5.302	6.522	31.496	33.975	5.5316	0.99064	0.00014	45.3705	250.000
3.7636	13549	45.3705	26.704	37.00	41.250	2795.484	68.271	-5.206	32.567	5.302	6.522	31.496	33.975	5.5316	0.99055	0.00014	45.3706	250.000
3.7639	13550	45.3706	26.704	37.00	41.250	2795.686	68.276	-5.206	32.567	5.302	6.522	31.496	33.975	5.5316	0.99046	0.00014	45.3708	250.000
3.7642	13551	45.3708	26.704	37.00	41.250	2795.888	68.281	-5.206	32.568	5.303	6.522	31.496	33.975	5.5316	0.99037	0.00014	45.3709	250.000
3.7644	13552	45.3709	26.704	37.00	41.250	2796.090	68.286	-5.206	32.569	5.303	6.522	31.496	33.975	5.5316	0.99028	0.00014	45.3711	250.000
3.7647	13553	45.3711	26.704	37.00	41.250	2796.292	68.291	-5.206	32.569	5.303	6.522	31.496	33.975	5.5316	0.99019	0.00014	45.3712	250.000
3.7650	13554	45.3712	26.705	37.00	41.250	2796.494	68.296	-5.206	32.570	5.303	6.522	31.496	33.975	5.5316	0.99010	0.00014	45.3713	250.000
3.7653	13555	45.3713	26.705	37.00	41.250	2796.696	68.301	-5.206	32.570	5.303	6.522	31.496	33.975	5.5316	0.99002	0.00014	45.3715	250.000
3.7656	13556	45.3715	26.705	37.00	41.250	2796.898	68.306	-5.206	32.571	5.303	6.521	31.496	33.975	5.5316	0.98993	0.00014	45.3716	250.000
3.7658	13557	45.3716	26.705	37.00	41.250	2797.100	68.311	-5.206	32.571	5.303	6.521	31.496	33.975	5.5316	0.98984	0.00014	45.3718	250.000
3.7661	13558	45.3718	26.705	37.00	41.250	2797.302	68.316	-5.206	32.572	5.303	6.521	31.496	33.975	5.5316	0.98975	0.00014	45.3719	250.000
3.7664	13559	45.3719	26.705	37.00	41.250	2797.504	68.321	-5.206	32.572	5.303	6.521	31.496	33.975	5.5316	0.98966	0.00014	45.3721	250.000
3.7667	13560	45.3721	26.705	37.00	41.250	2797.706	68.326	-5.206	32.573	5.303	6.521	31.496	33.975	5.5316	0.98957	0.00014	45.3722	250.000
3.7669	13561	45.3722	26.706	37.00	41.250	2797.908	68.331	-5.206	32.573	5.303	6.521	31.496	33.975	5.5316	0.98948	0.00014	45.3723	250.000
3.7672	13562	45.3723	26.706	37.00	41.250	2798.111	68.335	-5.206	32.574	5.303	6.521	31.496	33.975	5.5316	0.98939	0.00014	45.3725	250.000
3.7675	13563	45.3725	26.706	37.00	41.250	2798.313	68.340	-5.206	32.575	5.304	6.521	31.496	33.975	5.5316	0.98930	0.00014	45.3726	250.000
3.7678	13564	45.3726	26.706	37.00	41.250	2798.515	68.345	-5.206	32.575	5.304	6.521	31.496	33.975	5.5316	0.98921	0.00014	45.3728	250.000
3.7681	13565	45.3728	26.706	37.00	41.250	2798.717	68.350	-5.206	32.576	5.304	6.521	31.496	33.975	5.5316	0.98912	0.00014	45.3729	250.000
3.7683	13566	45.3729	26.706	37.00	41.250	2798.919	68.355	-5.206	32.576	5.304	6.521	31.496	33.975	5.5316	0.98903	0.00014	45.3730	250.000
3.7686	13567	45.3730	26.706	37.00	41.250	2799.121	68.360	-5.206	32.577	5.304	6.520	31.496	33.975	5.5316	0.98894	0.00014	45.3732	250.000
3.7689	13568	45.3732	26.707	37.00	41.250	2799.323	68.365	-5.206	32.577	5.304	6.520	31.496	33.975	5.5316	0.98885	0.00014	45.3733	250.000
3.7692	13569	45.3733	26.707	37.00	41.250	2799.525	68.370	-5.206	32.578	5.304	6.520	31.496	33.975	5.5316	0.98876	0.00014	45.3735	250.000
3.7694	13570	45.3735	26.707	37.00	41.250	2799.727	68.375	-5.206	32.578	5.304	6.520	31.496	33.975	5.5316	0.98867	0.00014	45.3736	250.000
3.7697	13571	45.3736	26.707	37.00	41.250	2799.929	68.380	-5.206	32.579	5.304	6.520	31.496	33.975	5.5316	0.98858	0.00014	45.3738	250.000
3.7700	13572	45.3738	26.707	37.00	41.250	2800.131	68.385	-5.206	32.580	5.304	6.520	31.496	33.975	5.5316	0.98849	0.00014	45.3739	250.000
3.7703	13573	45.3739	26.707	37.00	41.250	2800.333	68.390	-5.206	32.580	5.304	6.520	31.496	33.975	5.5316	0.98840	0.00014	45.3740	250.000

3.7706	13574	45.3740	26.707	37.00	41.250	2800.535	68.395	-5.206	32.581	5.305	6.520	31.496	33.975	5.5316	0.98831	0.00014	45.3742	250.000
3.7708	13575	45.3742	26.708	37.00	41.250	2800.737	68.400	-5.206	32.581	5.305	6.520	31.496	33.975	5.5316	0.98822	0.00014	45.3743	250.000
3.7711	13576	45.3743	26.708	37.00	41.250	2800.939	68.405	-5.206	32.582	5.305	6.520	31.496	33.975	5.5316	0.98814	0.00014	45.3745	250.000
3.7714	13577	45.3745	26.708	37.00	41.250	2801.141	68.409	-5.206	32.582	5.305	6.520	31.496	33.975	5.5316	0.98805	0.00014	45.3746	250.000
3.7717	13578	45.3746	26.708	37.00	41.250	2801.343	68.414	-5.206	32.583	5.305	6.520	31.496	33.975	5.5316	0.98796	0.00014	45.3747	250.000
3.7719	13579	45.3747	26.708	37.00	41.250	2801.545	68.419	-5.206	32.583	5.305	6.519	31.496	33.975	5.5316	0.98787	0.00014	45.3749	250.000
3.7722	13580	45.3749	26.708	37.00	41.250	2801.747	68.424	-5.206	32.584	5.305	6.519	31.496	33.975	5.5316	0.98778	0.00014	45.3750	250.000
3.7725	13581	45.3750	26.708	37.00	41.250	2801.949	68.429	-5.206	32.584	5.305	6.519	31.496	33.975	5.5316	0.98769	0.00014	45.3752	250.000
3.7728	13582	45.3752	26.709	37.00	41.250	2802.151	68.434	-5.206	32.585	5.305	6.519	31.496	33.975	5.5316	0.98760	0.00014	45.3753	250.000
3.7731	13583	45.3753	26.709	37.00	41.250	2802.353	68.439	-5.206	32.586	5.305	6.519	31.496	33.975	5.5316	0.98751	0.00014	45.3754	250.000
3.7733	13584	45.3754	26.709	37.00	41.250	2802.555	68.444	-5.206	32.586	5.305	6.519	31.496	33.975	5.5316	0.98742	0.00014	45.3756	250.000
3.7736	13585	45.3756	26.709	37.00	41.250	2802.757	68.449	-5.206	32.587	5.306	6.519	31.496	33.975	5.5316	0.98733	0.00014	45.3757	250.000
3.7739	13586	45.3757	26.709	37.00	41.250	2802.959	68.454	-5.206	32.587	5.306	6.519	31.496	33.975	5.5316	0.98724	0.00014	45.3759	250.000
3.7742	13587	45.3759	26.709	37.00	41.250	2803.161	68.459	-5.206	32.588	5.306	6.519	31.496	33.975	5.5316	0.98715	0.00014	45.3760	250.000
3.7744	13588	45.3760	26.709	37.00	41.250	2803.363	68.464	-5.206	32.588	5.306	6.519	31.496	33.975	5.5316	0.98706	0.00014	45.3762	250.000
3.7747	13589	45.3762	26.710	37.00	41.250	2803.565	68.469	-5.206	32.589	5.306	6.519	31.496	33.975	5.5316	0.98697	0.00014	45.3763	250.000
3.7750	13590	45.3763	26.710	37.00	41.250	2803.767	68.474	-5.206	32.589	5.306	6.518	31.496	33.975	5.5316	0.98688	0.00014	45.3764	250.000
3.7753	13591	45.3764	26.710	37.00	41.250	2803.969	68.479	-5.206	32.590	5.306	6.518	31.496	33.975	5.5316	0.98680	0.00014	45.3766	250.000
3.7756	13592	45.3766	26.710	37.00	41.250	2804.171	68.483	-5.206	32.590	5.306	6.518	31.496	33.975	5.5316	0.98671	0.00014	45.3767	250.000
3.7758	13593	45.3767	26.710	37.00	41.250	2804.373	68.488	-5.206	32.591	5.306	6.518	31.496	33.975	5.5316	0.98662	0.00014	45.3769	250.000
3.7761	13594	45.3769	26.710	37.00	41.250	2804.575	68.493	-5.206	32.592	5.306	6.518	31.496	33.975	5.5316	0.98653	0.00014	45.3770	250.000
3.7764	13595	45.3770	26.710	37.00	41.250	2804.777	68.498	-5.206	32.592	5.306	6.518	31.496	33.975	5.5316	0.98644	0.00014	45.3771	250.000
3.7767	13596	45.3771	26.711	37.00	41.250	2804.980	68.503	-5.206	32.593	5.307	6.518	31.496	33.975	5.5316	0.98635	0.00014	45.3773	250.000
3.7769	13597	45.3773	26.711	37.00	41.250	2805.182	68.508	-5.206	32.593	5.307	6.518	31.496	33.975	5.5316	0.98626	0.00014	45.3774	250.000
3.7772	13598	45.3774	26.711	37.00	41.250	2805.384	68.513	-5.206	32.594	5.307	6.518	31.496	33.975	5.5316	0.98617	0.00014	45.3776	250.000
3.7775	13599	45.3776	26.711	37.00	41.250	2805.586	68.518	-5.206	32.594	5.307	6.518	31.496	33.975	5.5316	0.98608	0.00014	45.3777	250.000
3.7778	13600	45.3777	26.711	37.00	41.250	2805.788	68.523	-5.206	32.595	5.307	6.518	31.496	33.975	5.5316	0.98599	0.00014	45.3778	250.000
3.7781	13601	45.3778	26.711	37.00	41.250	2805.990	68.528	-5.206	32.595	5.307	6.517	31.496	33.975	5.5316	0.98590	0.00014	45.3780	250.000
3.7783	13602	45.3780	26.711	37.00	41.250	2806.192	68.533	-5.206	32.596	5.307	6.517	31.496	33.975	5.5316	0.98581	0.00014	45.3781	250.000
3.7786	13603	45.3781	26.712	37.00	41.250	2806.394	68.538	-5.206	32.597	5.307	6.517	31.496	33.975	5.5316	0.98572	0.00014	45.3783	250.000
3.7789	13604	45.3783	26.712	37.00	41.250	2806.596	68.543	-5.206	32.597	5.307	6.517	31.496	33.975	5.5316	0.98563	0.00014	45.3784	250.000
3.7792	13605	45.3784	26.712	37.00	41.250	2806.798	68.548	-5.206	32.598	5.307	6.517	31.496	33.975	5.5316	0.98555	0.00014	45.3785	250.000
3.7794	13606	45.3785	26.712	37.00	41.250	2807.000	68.553	-5.206	32.598	5.307	6.517	31.496	33.975	5.5316	0.98546	0.00014	45.3787	250.000
3.7797	13607	45.3787	26.712	37.00	41.250	2807.202	68.558	-5.206	32.599	5.308	6.517	31.496	33.975	5.5316	0.98537	0.00014	45.3788	250.000
3.7800	13608	45.3788	26.712	37.00	41.250	2807.404	68.562	-5.206	32.599	5.308	6.517	31.496	33.975	5.5316	0.98528	0.00014	45.3790	250.000
3.7803	13609	45.3790	26.712	37.00	41.250	2807.606	68.567	-5.206	32.600	5.308	6.517	31.496	33.975	5.5316	0.98519	0.00014	45.3791	250.000
3.7806	13610	45.3791	26.712	37.00	41.250	2807.808	68.572	-5.206	32.600	5.308	6.517	31.496	33.975	5.5316	0.98510	0.00014	45.3793	250.000
3.7808	13611	45.3793	26.713	37.00	41.250	2808.010	68.577	-5.206	32.601	5.308	6.517	31.496	33.975	5.5316	0.98501	0.00014	45.3794	250.000
3.7811	13612	45.3794	26.713	37.00	41.250	2808.212	68.582	-5.206	32.601	5.308	6.516	31.496	33.975	5.5316	0.98492	0.00014	45.3795	250.000
3.7814	13613	45.3795	26.713	37.00	41.250	2808.414	68.587	-5.206	32.602	5.308	6.516	31.496	33.975	5.5316	0.98483	0.00014	45.3797	250.000
3.7817	13614	45.3797	26.713	37.00	41.250	2808.616	68.592	-5.206	32.603	5.308	6.516	31.496	33.975	5.5316	0.98474	0.00014	45.3798	250.000
3.7819	13615	45.3798	26.713	37.00	41.250	2808.818	68.597	-5.206	32.603	5.308	6.516	31.496	33.975	5.5316	0.98465	0.00014	45.3800	250.000
3.7822	13616	45.3800	26.713	37.00	41.250	2809.020	68.602	-5.206	32.604	5.308	6.516	31.496	33.975	5.5316	0.98456	0.00014	45.3801	250.000
3.7825	13617	45.3801	26.713	37.00	41.250	2809.222	68.607	-5.206	32.604	5.308	6.516	31.496	33.975	5.5316	0.98448	0.00014	45.3802	250.000
3.7828	13618	45.3802	26.714	37.00	41.250	2809.424	68.612	-5.206	32.605	5.308	6.516	31.496	33.975	5.5316	0.98439	0.00014	45.3804	250.000
3.7831	13619	45.3804	26.714	37.00	41.250	2809.626	68.617	-5.206	32.605	5.309	6.516	31.496	33.975	5.5316	0.98430	0.00014	45.3805	250.000
3.7833	13620	45.3805	26.714	37.00	41.250	2809.828	68.622	-5.206	32.606	5.309	6.516	31.496	33.975	5.5316	0.98421	0.00014	45.3807	250.000
3.7836	13621	45.3807	26.714	37.00	41.250	2810.030	68.627	-5.206	32.606	5.309	6.516	31.496	33.975	5.5316	0.98412	0.00014	45.3808	250.000
3.7839	13622	45.3808	26.714	37.00	41.250	2810.232	68.632	-5.206	32.607	5.309	6.516	31.496	33.975	5.5316	0.98403	0.00014	45.3809	250.000
3.7842	13623	45.3809	26.714	37.00	41.250	2810.434	68.636	-5.206	32.607	5.309	6.515	31.496	33.975	5.5316	0.98394	0.00014	45.3811	250.000
3.7844	13624	45.3811	26.714	37.00	41.250	2810.636	68.641	-5.206	32.608	5.309	6.515	31.496	33.975	5.5316	0.98385	0.00014	45.3812	250.000
3.7847	13625	45.3812	26.715	37.00	41.250	2810.838	68.646	-5.206	32.609	5.309	6.515	31.496	33.975	5.5316	0.98376	0.00014	45.3814	250.000
3.7850	13626	45.3814	26.715	37.00	41.250	2811.040	68.651	-5.206	32.609	5.309	6.515	31.496	33.975	5.5316	0.98367	0.00014	45.3815	250.000
3.7853	13627	45.3815	26.715	37.00	41.250	2811.242	68.656	-5.206	32.610	5.309	6.515	31.496	33.975	5.5316	0.98359	0.00014	45.3816	250.000
3.7856	13628	45.3816	26.715	37.00	41.250	2811.444	68.661	-5.206	32.610	5.309	6.515	31.496	33.975	5.5316	0.98350	0.00014	45.3818	250.000
3.7858	13629	45.3818	26.715	37.00	41.250	2811.647	68.666	-5.206	32.611	5.309	6.515	31.496	33.975	5.5316	0.98341	0.00014	45.3819	250.000
3.7861	13630	45.3819	26.715	37.00	41.250	2811.849	68.671	-5.206	32.611	5.310	6.515	31.496	33.975	5.5316	0.98332	0.00014	45.3821	250.000
3.7864	13631	45.3821	26.715	37.00	41.250	2812.051	68.676	-5.206	32.612	5.310	6.515	31.496	33.975	5.5316	0.98323	0.00014	45.3822	250.000
3.7867	13632	45.3822	26.716	37.00	41.250	2812.253	68.681	-5.206	32.612	5.310	6.515	31.496	33.975	5.5316	0.98314	0.00014	45.3823	250.000
3.7869	13633	45.3823	26.716	37.00	41.250	2812.455	68.686	-5.206	32.613	5.310	6.515	31.496	33.975	5.5316	0.98305	0.00014	45.3825	250.000
3.7872	13634	45.3825	26.716	37.00	41.250	2812.657	68.691	-5.206	32.613	5.310	6.515	31.496	33.975	5.5316	0.98296	0.00014	45.3826	250.000
3.7875	13635	45.3826	26.716	37.00	41.250	2812.859	68.696	-5.206	32.614	5.310	6.514	31.496	33.975	5.5316	0.98287	0.00014	45.3828	250.000
3.7878	13636	45.3828	26.716	37.00	41.250	2813.061	68.701	-5.206	32.615	5.310	6.514	31.496	33.975	5.5316	0.98278	0.00014	45.3829	250.000
3.7881	13637	45.3829	26.716	37.00	41.250	2813.263	68.706	-5.206	32.615	5.310	6.514	31.496	33.975	5.5316	0.98270	0.00014	45.3830	250.000
3.7883	13638	45.3830	26.716	37.00	41.250	2813.465	68.710	-5.206	32.616	5.310	6.514	31.496	33.975	5.5316	0.98261	0.00014	45.3832	250.000
3.7886	13639	45.3832	26.717	37.00	41.250	2813.667	68.715	-5.206	32.616	5.310	6.514	31.496	33.975	5.5316	0.98252	0.00014	45.3833	250.000
3.7889	13640	45.3833	26.717	37.00	41.250	2813.869	68.720	-5.206	32.617	5.310	6.514	31.496	33.975	5.5316	0.98243	0.00014	45.3835	250.000
3.7892	13641	45.3835	26.717	37.00	41.250	2814.071	68.725	-5.206	32.617	5.311	6.514	31.496	33.975	5.5316	0.98234	0.00014	45.3836	250.000
3.7894	13642	45.3836	26.717	37.00	41.250	2814.273	68.730	-5.206	32.618	5.311	6.514	31.496	33.975	5.5316	0.98225	0.00014	45.3837	250.000
3.7897	13643	45.3837	26.717	37.00	41.250	2814.475	68.735	-5.206	32.618	5.311	6.514	31.496	33.975	5.5316	0.98216	0.00014	45.3839	250.000
3.7900	13644	45.3839	26.717	37.00	41.250	2814.677	68.740	-5.206	32.619	5.311	6.514	31.496	33.975	5.5316	0.98207	0.00014	45.3840	250.000
3.7903	13645	45.3840	26.717	37.00	41.250	2814.879	68.745	-5.206	32.619	5.311	6.514	31.496	33.975	5.5316	0.98198	0.00014	45.3842	250.000
3.7906	13646	45.3842	26.718	37.00	41.250	2815.081	68.750	-5.206	32.620	5.311	6.513	31.496	33.975	5.5316	0.98190	0.00014	45.3843	250.000
3.7908	13647	45.3843	26.718	37.00	41.250	2815.283	68.755	-5.206	32.621	5.311	6.513	31.496	33.975	5.5316	0.98181	0.00014	45.3844	250.000
3.7911	13648	45.3844	26.718	37.00	41.250	2815.485	68.760	-5.206	32.621	5.311	6.513	31.496	33.975	5.5316	0.98172	0.00014	45.3846	250.000
3.7914	13649	45.3846	26.718	37.00	41.250	2815.687	68.765	-5.206	32.622	5.311	6.513	31.496	33.975	5.5316	0.98163	0.00014	45.3847	250.000
3.7917	13650	45.3847	26.718	37.00	41.250	2815.889	68.770	-5.206	32.622	5.311	6.513	31.496	33.975	5.5316	0.98154	0.00014	45.3849	250.000
3.7919	13651	45.3849	26.718	37.00	41.250	2816.091	68.775	-5.206	32.623	5.311	6.513	31.496	33.975	5.5316	0.98145	0.00014	45.3850	250.000
3.7922	13652	45.3850	26.718	37.00	41.250	2816.293	68.780	-5.206	32.623	5.312	6.513	31.496	33.975	5.5316	0.98136	0.00014	45.3851	250.000
3.7925	13653	45.3851	26.719	37.00	41.250	2816.495	68.784	-5.206	32.624	5.312	6.513	31.496	33.975	5.5316	0.98127	0.00014	45.3853	250.000
3.7928	13654	45.3853	26.719	37.00	41.250	2816.697	68.789	-5.206	32.624	5.312	6.513	31.496	33.975	5.5316	0.98118	0.00014	45.3854	250.000

3.7931	13655	45.3854	26.719	37.00	41.250	2816.899	68.794	-5.206	32.625	5.312	6.513	31.496	33.975	5.5316	0.98110	0.00014	45.3856	250.000
3.7933	13656	45.3856	26.719	37.00	41.250	2817.101	68.799	-5.206	32.625	5.312	6.513	31.496	33.975	5.5316	0.98101	0.00014	45.3857	250.000
3.7936	13657	45.3857	26.719	37.00	41.250	2817.303	68.804	-5.206	32.626	5.312	6.512	31.496	33.975	5.5316	0.98092	0.00014	45.3859	250.000
3.7939	13658	45.3859	26.719	37.00	41.250	2817.505	68.809	-5.206	32.627	5.312	6.512	31.496	33.975	5.5316	0.98083	0.00014	45.3860	250.000
3.7942	13659	45.3860	26.719	37.00	41.250	2817.707	68.814	-5.206	32.627	5.312	6.512	31.496	33.975	5.5316	0.98074	0.00014	45.3861	250.000
3.7944	13660	45.3861	26.720	37.00	41.250	2817.909	68.819	-5.206	32.628	5.312	6.512	31.496	33.975	5.5316	0.98065	0.00014	45.3863	250.000
3.7947	13661	45.3863	26.720	37.00	41.250	2818.111	68.824	-5.206	32.628	5.312	6.512	31.496	33.975	5.5316	0.98056	0.00014	45.3864	250.000
3.7950	13662	45.3864	26.720	37.00	41.250	2818.313	68.829	-5.206	32.629	5.312	6.512	31.496	33.975	5.5316	0.98047	0.00014	45.3866	250.000
3.7953	13663	45.3866	26.720	37.00	41.250	2818.516	68.834	-5.206	32.629	5.312	6.512	31.496	33.975	5.5316	0.98039	0.00014	45.3867	250.000
3.7956	13664	45.3867	26.720	37.00	41.250	2818.718	68.839	-5.206	32.630	5.313	6.512	31.496	33.975	5.5316	0.98030	0.00014	45.3868	250.000
3.7958	13665	45.3868	26.720	37.00	41.250	2818.920	68.844	-5.206	32.630	5.313	6.512	31.496	33.975	5.5316	0.98021	0.00014	45.3870	250.000
3.7961	13666	45.3870	26.720	37.00	41.250	2819.122	68.849	-5.206	32.631	5.313	6.512	31.496	33.975	5.5316	0.98012	0.00014	45.3871	250.000
3.7964	13667	45.3871	26.720	37.00	41.250	2819.324	68.854	-5.206	32.631	5.313	6.512	31.496	33.975	5.5316	0.98003	0.00014	45.3873	250.000
3.7967	13668	45.3873	26.721	37.00	41.250	2819.526	68.858	-5.206	32.632	5.313	6.511	31.496	33.975	5.5316	0.97994	0.00014	45.3874	250.000
3.7969	13669	45.3874	26.721	37.00	41.250	2819.728	68.863	-5.206	32.633	5.313	6.511	31.496	33.975	5.5316	0.97985	0.00014	45.3875	250.000
3.7972	13670	45.3875	26.721	37.00	41.250	2819.930	68.868	-5.206	32.633	5.313	6.511	31.496	33.975	5.5316	0.97977	0.00014	45.3877	250.000
3.7975	13671	45.3877	26.721	37.00	41.250	2820.132	68.873	-5.206	32.634	5.313	6.511	31.496	33.975	5.5316	0.97968	0.00014	45.3878	250.000
3.7978	13672	45.3878	26.721	37.00	41.250	2820.334	68.878	-5.206	32.634	5.313	6.511	31.496	33.975	5.5316	0.97959	0.00014	45.3880	250.000
3.7981	13673	45.3880	26.721	37.00	41.250	2820.536	68.883	-5.206	32.635	5.313	6.511	31.496	33.975	5.5316	0.97950	0.00014	45.3881	250.000
3.7983	13674	45.3881	26.721	37.00	41.250	2820.738	68.888	-5.206	32.635	5.313	6.511	31.496	33.975	5.5316	0.97941	0.00014	45.3882	250.000
3.7986	13675	45.3882	26.722	37.00	41.250	2820.940	68.893	-5.206	32.636	5.314	6.511	31.496	33.975	5.5316	0.97932	0.00014	45.3884	250.000
3.7989	13676	45.3884	26.722	37.00	41.250	2821.142	68.898	-5.206	32.636	5.314	6.511	31.496	33.975	5.5316	0.97923	0.00014	45.3885	250.000
3.7992	13677	45.3885	26.722	37.00	41.250	2821.344	68.903	-5.206	32.637	5.314	6.511	31.496	33.975	5.5316	0.97914	0.00014	45.3886	250.000
3.7994	13678	45.3886	26.722	37.00	41.250	2821.546	68.908	-5.206	32.637	5.314	6.511	31.496	33.975	5.5316	0.97906	0.00014	45.3888	250.000
3.7997	13679	45.3888	26.722	37.00	41.250	2821.748	68.913	-5.206	32.638	5.314	6.511	31.496	33.975	5.5316	0.97897	0.00014	45.3889	250.000
3.8000	13680	45.3889	26.722	37.00	41.250	2821.950	68.918	-5.206	32.639	5.314	6.510	31.496	33.975	5.5316	0.97888	0.00014	45.3891	250.000
3.8003	13681	45.3891	26.722	37.00	41.250	2822.152	68.923	-5.206	32.639	5.314	6.510	31.496	33.975	5.5316	0.97879	0.00014	45.3892	250.000
3.8006	13682	45.3892	26.723	37.00	41.250	2822.354	68.928	-5.206	32.640	5.314	6.510	31.496	33.975	5.5316	0.97870	0.00014	45.3893	250.000
3.8008	13683	45.3893	26.723	37.00	41.250	2822.556	68.932	-5.206	32.640	5.314	6.510	31.496	33.975	5.5316	0.97861	0.00014	45.3895	250.000
3.8011	13684	45.3895	26.723	37.00	41.250	2822.758	68.937	-5.206	32.641	5.314	6.510	31.496	33.975	5.5316	0.97852	0.00014	45.3896	250.000
3.8014	13685	45.3896	26.723	37.00	41.250	2822.960	68.942	-5.206	32.641	5.314	6.510	31.496	33.975	5.5316	0.97844	0.00014	45.3898	250.000
3.8017	13686	45.3898	26.723	37.00	41.250	2823.162	68.947	-5.206	32.642	5.315	6.510	31.496	33.975	5.5316	0.97835	0.00014	45.3899	250.000
3.8019	13687	45.3899	26.723	37.00	41.250	2823.364	68.952	-5.206	32.642	5.315	6.510	31.496	33.975	5.5316	0.97826	0.00014	45.3900	250.000
3.8022	13688	45.3900	26.723	37.00	41.250	2823.566	68.957	-5.206	32.643	5.315	6.510	31.496	33.975	5.5316	0.97817	0.00014	45.3902	250.000
3.8025	13689	45.3902	26.724	37.00	41.250	2823.768	68.962	-5.206	32.643	5.315	6.510	31.496	33.975	5.5316	0.97808	0.00014	45.3903	250.000
3.8028	13690	45.3903	26.724	37.00	41.250	2823.970	68.967	-5.206	32.644	5.315	6.510	31.496	33.975	5.5316	0.97799	0.00014	45.3905	250.000
3.8031	13691	45.3905	26.724	37.00	41.250	2824.172	68.972	-5.206	32.645	5.315	6.509	31.496	33.975	5.5316	0.97791	0.00014	45.3906	250.000
3.8033	13692	45.3906	26.724	37.00	41.250	2824.374	68.977	-5.206	32.645	5.315	6.509	31.496	33.975	5.5316	0.97782	0.00014	45.3907	250.000
3.8036	13693	45.3907	26.724	37.00	41.250	2824.576	68.982	-5.206	32.646	5.315	6.509	31.496	33.975	5.5316	0.97773	0.00014	45.3909	250.000
3.8039	13694	45.3909	26.724	37.00	41.250	2824.778	68.987	-5.206	32.646	5.315	6.509	31.496	33.975	5.5316	0.97764	0.00014	45.3910	250.000
3.8042	13695	45.3910	26.724	37.00	41.250	2824.980	68.992	-5.206	32.647	5.315	6.509	31.496	33.975	5.5316	0.97755	0.00014	45.3912	250.000
3.8044	13696	45.3912	26.725	37.00	41.250	2825.183	68.997	-5.206	32.647	5.315	6.509	31.496	33.975	5.5316	0.97746	0.00014	45.3913	250.000
3.8047	13697	45.3913	26.725	37.00	41.250	2825.385	69.002	-5.206	32.648	5.316	6.509	31.496	33.975	5.5316	0.97737	0.00014	45.3914	250.000
3.8050	13698	45.3914	26.725	37.00	41.250	2825.587	69.006	-5.206	32.648	5.316	6.509	31.496	33.975	5.5316	0.97729	0.00014	45.3916	250.000
3.8053	13699	45.3916	26.725	37.00	41.250	2825.789	69.011	-5.206	32.649	5.316	6.509	31.496	33.975	5.5316	0.97720	0.00014	45.3917	250.000
3.8056	13700	45.3917	26.725	37.00	41.250	2825.991	69.016	-5.206	32.649	5.316	6.509	31.496	33.975	5.5316	0.97711	0.00014	45.3919	250.000
3.8058	13701	45.3919	26.725	37.00	41.250	2826.193	69.021	-5.206	32.650	5.316	6.509	31.496	33.975	5.5316	0.97702	0.00014	45.3920	250.000
3.8061	13702	45.3920	26.725	37.00	41.250	2826.395	69.026	-5.206	32.651	5.316	6.508	31.496	33.975	5.5316	0.97693	0.00014	45.3921	250.000
3.8064	13703	45.3921	26.726	37.00	41.250	2826.597	69.031	-5.206	32.651	5.316	6.508	31.496	33.975	5.5316	0.97684	0.00014	45.3923	250.000
3.8067	13704	45.3923	26.726	37.00	41.250	2826.799	69.036	-5.206	32.652	5.316	6.508	31.496	33.975	5.5316	0.97676	0.00014	45.3924	250.000
3.8069	13705	45.3924	26.726	37.00	41.250	2827.001	69.041	-5.206	32.652	5.316	6.508	31.496	33.975	5.5316	0.97667	0.00014	45.3926	250.000
3.8072	13706	45.3926	26.726	37.00	41.250	2827.203	69.046	-5.206	32.653	5.316	6.508	31.496	33.975	5.5316	0.97658	0.00014	45.3927	250.000
3.8075	13707	45.3927	26.726	37.00	41.250	2827.405	69.051	-5.206	32.653	5.316	6.508	31.496	33.975	5.5316	0.97649	0.00014	45.3928	250.000
3.8078	13708	45.3928	26.726	37.00	41.250	2827.607	69.056	-5.206	32.654	5.316	6.508	31.496	33.975	5.5316	0.97640	0.00014	45.3930	250.000
3.8081	13709	45.3930	26.726	37.00	41.250	2827.809	69.061	-5.206	32.654	5.317	6.508	31.496	33.975	5.5316	0.97631	0.00014	45.3931	250.000
3.8083	13710	45.3931	26.727	37.00	41.250	2828.011	69.066	-5.206	32.655	5.317	6.508	31.496	33.975	5.5316	0.97623	0.00014	45.3933	250.000
3.8086	13711	45.3933	26.727	37.00	41.250	2828.213	69.071	-5.206	32.655	5.317	6.508	31.496	33.975	5.5316	0.97614	0.00014	45.3934	250.000
3.8089	13712	45.3934	26.727	37.00	41.250	2828.415	69.076	-5.206	32.656	5.317	6.508	31.496	33.975	5.5316	0.97605	0.00014	45.3935	250.000
3.8092	13713	45.3935	26.727	37.00	41.250	2828.617	69.081	-5.206	32.656	5.317	6.508	31.496	33.975	5.5316	0.97596	0.00014	45.3937	250.000
3.8094	13714	45.3937	26.727	37.00	41.250	2828.819	69.085	-5.206	32.657	5.317	6.507	31.496	33.975	5.5316	0.97587	0.00014	45.3938	250.000
3.8097	13715	45.3938	26.727	37.00	41.250	2829.021	69.090	-5.206	32.658	5.317	6.507	31.496	33.975	5.5316	0.97578	0.00014	45.3940	250.000
3.8100	13716	45.3940	26.727	37.00	41.250	2829.223	69.095	-5.206	32.658	5.317	6.507	31.496	33.975	5.5316	0.97570	0.00014	45.3941	250.000
3.8103	13717	45.3941	26.727	37.00	41.250	2829.425	69.100	-5.206	32.659	5.317	6.507	31.496	33.975	5.5316	0.97561	0.00014	45.3942	250.000
3.8106	13718	45.3942	26.728	37.00	41.250	2829.627	69.105	-5.206	32.659	5.317	6.507	31.496	33.975	5.5316	0.97552	0.00014	45.3944	250.000
3.8108	13719	45.3944	26.728	37.00	41.250	2829.829	69.110	-5.206	32.660	5.317	6.507	31.496	33.975	5.5316	0.97543	0.00014	45.3945	250.000
3.8111	13720	45.3945	26.728	37.00	41.250	2830.031	69.115	-5.206	32.660	5.318	6.507	31.496	33.975	5.5316	0.97534	0.00014	45.3947	250.000
3.8114	13721	45.3947	26.728	37.00	41.250	2830.233	69.120	-5.206	32.661	5.318	6.507	31.496	33.975	5.5316	0.97525	0.00014	45.3948	250.000
3.8117	13722	45.3948	26.728	37.00	41.250	2830.435	69.125	-5.206	32.661	5.318	6.507	31.496	33.975	5.5316	0.97517	0.00014	45.3949	250.000
3.8119	13723	45.3949	26.728	37.00	41.250	2830.637	69.130	-5.206	32.662	5.318	6.507	31.496	33.975	5.5316	0.97508	0.00014	45.3951	250.000
3.8122	13724	45.3951	26.728	37.00	41.250	2830.839	69.135	-5.206	32.662	5.318	6.507	31.496	33.975	5.5316	0.97499	0.00014	45.3952	250.000
3.8125	13725	45.3952	26.729	37.00	41.250	2831.041	69.140	-5.206	32.663	5.318	6.506	31.496	33.975	5.5316	0.97490	0.00014	45.3953	250.000
3.8128	13726	45.3953	26.729	37.00	41.250	2831.243	69.145	-5.206	32.664	5.318	6.506	31.496	33.975	5.5316	0.97481	0.00014	45.3955	250.000
3.8131	13727	45.3955	26.729	37.00	41.250	2831.445	69.150	-5.206	32.664	5.318	6.506	31.496	33.975	5.5316	0.97472	0.00014	45.3956	250.000
3.8133	13728	45.3956	26.729	37.00	41.250	2831.647	69.155	-5.206	32.665	5.318	6.506	31.496	33.975	5.5316	0.97464	0.00014	45.3958	250.000
3.8136	13729	45.3958	26.729	37.00	41.250	2831.850	69.159	-5.206	32.665	5.318	6.506	31.496	33.975	5.5316	0.97455	0.00014	45.3959	250.000
3.8139	13730	45.3959	26.729	37.00	41.250	2832.052	69.164	-5.206	32.666	5.318	6.506	31.496	33.975	5.5316	0.97446	0.00014	45.3960	250.000
3.8142	13731	45.3960	26.729	37.00	41.250	2832.254	69.169	-5.206	32.666	5.319	6.506	31.496	33.975	5.5316	0.97437	0.00014	45.3962	250.000
3.8144	13732	45.3962	26.730	37.00	41.250	2832.456	69.174	-5.206	32.667	5.319	6.506	31.496	33.975	5.5316	0.97428	0.00014	45.3963	250.000
3.8147	13733	45.3963	26.730	37.00	41.250	2832.658	69.179	-5.206	32.667	5.319	6.506	31.496	33.975	5.5316	0.97420	0.00014	45.3965	250.000
3.8150	13734	45.3965	26.730	37.00	41.250	2832.860	69.184	-5.206	32.668	5.319	6.506	31.496	33.975	5.5316	0.97411	0.00014	45.3966	250.000
3.8153	13735	45.3966	26.730	37.00	41.250	2833.062	69.189	-5.206	32.668	5.319	6.506	31.496	33.975	5.5316	0.97402	0.00014	45.3967	250.000

3.8156	13736	45.3967	26.730	37.00	41.250	2833.264	69.194	-5.206	32.669	5.319	6.505	31.496	33.975	5.5316	0.97393	0.00014	45.3969	250.000
3.8158	13737	45.3969	26.730	37.00	41.250	2833.466	69.199	-5.206	32.670	5.319	6.505	31.496	33.975	5.5316	0.97384	0.00014	45.3970	250.000
3.8161	13738	45.3970	26.730	37.00	41.250	2833.668	69.204	-5.206	32.670	5.319	6.505	31.496	33.975	5.5316	0.97375	0.00014	45.3972	250.000
3.8164	13739	45.3972	26.731	37.00	41.250	2833.870	69.209	-5.206	32.671	5.319	6.505	31.496	33.975	5.5316	0.97367	0.00014	45.3973	250.000
3.8167	13740	45.3973	26.731	37.00	41.250	2834.072	69.214	-5.206	32.671	5.319	6.505	31.496	33.975	5.5316	0.97358	0.00014	45.3974	250.000
3.8169	13741	45.3974	26.731	37.00	41.250	2834.274	69.219	-5.206	32.672	5.319	6.505	31.496	33.975	5.5316	0.97349	0.00014	45.3976	250.000
3.8172	13742	45.3976	26.731	37.00	41.250	2834.476	69.224	-5.206	32.672	5.319	6.505	31.496	33.975	5.5316	0.97340	0.00014	45.3977	250.000
3.8175	13743	45.3977	26.731	37.00	41.250	2834.678	69.229	-5.206	32.673	5.320	6.505	31.496	33.975	5.5316	0.97331	0.00014	45.3979	250.000
3.8178	13744	45.3979	26.731	37.00	41.250	2834.880	69.233	-5.206	32.673	5.320	6.505	31.496	33.975	5.5316	0.97323	0.00014	45.3980	250.000
3.8181	13745	45.3980	26.731	37.00	41.250	2835.082	69.238	-5.206	32.674	5.320	6.505	31.496	33.975	5.5316	0.97314	0.00014	45.3981	250.000
3.8183	13746	45.3981	26.732	37.00	41.250	2835.284	69.243	-5.206	32.674	5.320	6.505	31.496	33.975	5.5316	0.97305	0.00014	45.3983	250.000
3.8186	13747	45.3983	26.732	37.00	41.250	2835.486	69.248	-5.206	32.675	5.320	6.505	31.496	33.975	5.5316	0.97296	0.00014	45.3984	250.000
3.8189	13748	45.3984	26.732	37.00	41.250	2835.688	69.253	-5.206	32.675	5.320	6.504	31.496	33.975	5.5316	0.97287	0.00014	45.3985	250.000
3.8192	13749	45.3985	26.732	37.00	41.250	2835.890	69.258	-5.206	32.676	5.320	6.504	31.496	33.975	5.5316	0.97279	0.00014	45.3987	250.000
3.8194	13750	45.3987	26.732	37.00	41.250	2836.092	69.263	-5.206	32.677	5.320	6.504	31.496	33.975	5.5316	0.97270	0.00014	45.3988	250.000
3.8197	13751	45.3988	26.732	37.00	41.250	2836.294	69.268	-5.206	32.677	5.320	6.504	31.496	33.975	5.5316	0.97261	0.00014	45.3990	250.000
3.8200	13752	45.3990	26.732	37.00	41.250	2836.496	69.273	-5.206	32.678	5.320	6.504	31.496	33.975	5.5316	0.97252	0.00014	45.3991	250.000
3.8203	13753	45.3991	26.732	37.00	41.250	2836.698	69.278	-5.206	32.678	5.320	6.504	31.496	33.975	5.5316	0.97243	0.00014	45.3992	250.000
3.8206	13754	45.3992	26.733	37.00	41.250	2836.900	69.283	-5.206	32.679	5.321	6.504	31.496	33.975	5.5316	0.97235	0.00014	45.3994	250.000
3.8208	13755	45.3994	26.733	37.00	41.250	2837.102	69.288	-5.206	32.679	5.321	6.504	31.496	33.975	5.5316	0.97226	0.00014	45.3995	250.000
3.8211	13756	45.3995	26.733	37.00	41.250	2837.304	69.293	-5.206	32.680	5.321	6.504	31.496	33.975	5.5316	0.97217	0.00014	45.3997	250.000
3.8214	13757	45.3997	26.733	37.00	41.250	2837.506	69.298	-5.206	32.680	5.321	6.504	31.496	33.975	5.5316	0.97208	0.00014	45.3998	250.000
3.8217	13758	45.3998	26.733	37.00	41.250	2837.708	69.303	-5.206	32.681	5.321	6.504	31.496	33.975	5.5316	0.97199	0.00014	45.3999	250.000
3.8219	13759	45.3999	26.733	37.00	41.250	2837.910	69.307	-5.206	32.681	5.321	6.503	31.496	33.975	5.5316	0.97191	0.00014	45.4001	250.000
3.8222	13760	45.4001	26.733	37.00	41.250	2838.112	69.312	-5.206	32.682	5.321	6.503	31.496	33.975	5.5316	0.97182	0.00014	45.4002	250.000
3.8225	13761	45.4002	26.734	37.00	41.250	2838.314	69.317	-5.206	32.682	5.321	6.503	31.496	33.975	5.5316	0.97173	0.00014	45.4004	250.000
3.8228	13762	45.4004	26.734	37.00	41.250	2838.516	69.322	-5.206	32.683	5.321	6.503	31.496	33.975	5.5316	0.97164	0.00014	45.4005	250.000
3.8231	13763	45.4005	26.734	37.00	41.250	2838.719	69.327	-5.206	32.684	5.321	6.503	31.496	33.975	5.5316	0.97155	0.00014	45.4006	250.000
3.8233	13764	45.4006	26.734	37.00	41.250	2838.921	69.332	-5.206	32.684	5.321	6.503	31.496	33.975	5.5316	0.97147	0.00014	45.4008	250.000
3.8236	13765	45.4008	26.734	37.00	41.250	2839.123	69.337	-5.206	32.685	5.321	6.503	31.496	33.975	5.5316	0.97138	0.00014	45.4009	250.000
3.8239	13766	45.4009	26.734	37.00	41.250	2839.325	69.342	-5.206	32.685	5.322	6.503	31.496	33.975	5.5316	0.97129	0.00014	45.4010	250.000
3.8242	13767	45.4010	26.734	37.00	41.250	2839.527	69.347	-5.206	32.686	5.322	6.503	31.496	33.975	5.5316	0.97120	0.00014	45.4012	250.000
3.8244	13768	45.4012	26.735	37.00	41.250	2839.729	69.352	-5.206	32.686	5.322	6.503	31.496	33.975	5.5316	0.97111	0.00014	45.4013	250.000
3.8247	13769	45.4013	26.735	37.00	41.250	2839.931	69.357	-5.206	32.687	5.322	6.503	31.496	33.975	5.5316	0.97103	0.00014	45.4015	250.000
3.8250	13770	45.4015	26.735	37.00	41.250	2840.133	69.362	-5.206	32.687	5.322	6.502	31.496	33.975	5.5316	0.97094	0.00014	45.4016	250.000
3.8253	13771	45.4016	26.735	37.00	41.250	2840.335	69.367	-5.206	32.688	5.322	6.502	31.496	33.975	5.5316	0.97085	0.00014	45.4017	250.000
3.8256	13772	45.4017	26.735	37.00	41.250	2840.537	69.372	-5.206	32.688	5.322	6.502	31.496	33.975	5.5316	0.97076	0.00014	45.4019	250.000
3.8258	13773	45.4019	26.735	37.00	41.250	2840.739	69.377	-5.206	32.689	5.322	6.502	31.496	33.975	5.5316	0.97068	0.00014	45.4020	250.000
3.8261	13774	45.4020	26.735	37.00	41.250	2840.941	69.381	-5.206	32.689	5.322	6.502	31.496	33.975	5.5316	0.97059	0.00014	45.4022	250.000
3.8264	13775	45.4022	26.736	37.00	41.250	2841.143	69.386	-5.206	32.690	5.322	6.502	31.496	33.975	5.5316	0.97050	0.00014	45.4023	250.000
3.8267	13776	45.4023	26.736	37.00	41.250	2841.345	69.391	-5.206	32.691	5.322	6.502	31.496	33.975	5.5316	0.97041	0.00014	45.4024	250.000
3.8269	13777	45.4024	26.736	37.00	41.250	2841.547	69.396	-5.206	32.691	5.323	6.502	31.496	33.975	5.5316	0.97032	0.00014	45.4026	250.000
3.8272	13778	45.4026	26.736	37.00	41.250	2841.749	69.401	-5.206	32.692	5.323	6.502	31.496	33.975	5.5316	0.97024	0.00014	45.4027	250.000
3.8275	13779	45.4027	26.736	37.00	41.250	2841.951	69.406	-5.206	32.692	5.323	6.502	31.496	33.975	5.5316	0.97015	0.00014	45.4029	250.000
3.8278	13780	45.4029	26.736	37.00	41.250	2842.153	69.411	-5.206	32.693	5.323	6.502	31.496	33.975	5.5316	0.97006	0.00014	45.4030	250.000
3.8281	13781	45.4030	26.736	37.00	41.250	2842.355	69.416	-5.206	32.693	5.323	6.502	31.496	33.975	5.5316	0.96997	0.00014	45.4031	250.000
3.8283	13782	45.4031	26.737	37.00	41.250	2842.557	69.421	-5.206	32.694	5.323	6.501	31.496	33.975	5.5316	0.96988	0.00014	45.4033	250.000
3.8286	13783	45.4033	26.737	37.00	41.250	2842.759	69.426	-5.206	32.694	5.323	6.501	31.496	33.975	5.5316	0.96980	0.00014	45.4034	250.000
3.8289	13784	45.4034	26.737	37.00	41.250	2842.961	69.431	-5.206	32.695	5.323	6.501	31.496	33.975	5.5316	0.96971	0.00014	45.4035	250.000
3.8292	13785	45.4035	26.737	37.00	41.250	2843.163	69.436	-5.206	32.695	5.323	6.501	31.496	33.975	5.5316	0.96962	0.00014	45.4037	250.000
3.8294	13786	45.4037	26.737	37.00	41.250	2843.365	69.441	-5.206	32.696	5.323	6.501	31.496	33.975	5.5316	0.96953	0.00014	45.4038	250.000
3.8297	13787	45.4038	26.737	37.00	41.250	2843.567	69.446	-5.206	32.697	5.323	6.501	31.496	33.975	5.5316	0.96945	0.00014	45.4040	250.000
3.8300	13788	45.4040	26.737	37.00	41.250	2843.769	69.451	-5.206	32.697	5.324	6.501	31.496	33.975	5.5316	0.96936	0.00014	45.4041	250.000
3.8303	13789	45.4041	26.737	37.00	41.250	2843.971	69.455	-5.206	32.698	5.324	6.501	31.496	33.975	5.5316	0.96927	0.00014	45.4042	250.000
3.8306	13790	45.4042	26.738	37.00	41.250	2844.173	69.460	-5.206	32.698	5.324	6.501	31.496	33.975	5.5316	0.96918	0.00014	45.4044	250.000
3.8308	13791	45.4044	26.738	37.00	41.250	2844.375	69.465	-5.206	32.699	5.324	6.501	31.496	33.975	5.5316	0.96910	0.00014	45.4045	250.000
3.8311	13792	45.4045	26.738	37.00	41.250	2844.577	69.470	-5.206	32.699	5.324	6.501	31.496	33.975	5.5316	0.96901	0.00014	45.4047	250.000
3.8314	13793	45.4047	26.738	37.00	41.250	2844.779	69.475	-5.206	32.700	5.324	6.500	31.496	33.975	5.5316	0.96892	0.00014	45.4048	250.000
3.8317	13794	45.4048	26.738	37.00	41.250	2844.981	69.480	-5.206	32.700	5.324	6.500	31.496	33.975	5.5316	0.96883	0.00014	45.4049	250.000
3.8319	13795	45.4049	26.738	37.00	41.250	2845.183	69.485	-5.206	32.701	5.324	6.500	31.496	33.975	5.5316	0.96874	0.00014	45.4051	250.000
3.8322	13796	45.4051	26.738	37.00	41.250	2845.386	69.490	-5.206	32.701	5.324	6.500	31.496	33.975	5.5316	0.96866	0.00014	45.4052	250.000
3.8325	13797	45.4052	26.739	37.00	41.250	2845.588	69.495	-5.206	32.702	5.324	6.500	31.496	33.975	5.5316	0.96857	0.00014	45.4053	250.000
3.8328	13798	45.4053	26.739	37.00	41.250	2845.790	69.500	-5.206	32.702	5.324	6.500	31.496	33.975	5.5316	0.96848	0.00014	45.4055	250.000
3.8331	13799	45.4055	26.739	37.00	41.250	2845.992	69.505	-5.206	32.703	5.324	6.500	31.496	33.975	5.5316	0.96839	0.00014	45.4056	250.000
3.8333	13800	45.4056	26.739	37.00	41.250	2846.194	69.510	-5.206	32.704	5.325	6.500	31.496	33.975	5.5316	0.96831	0.00014	45.4058	250.000
3.8336	13801	45.4058	26.739	37.00	41.250	2846.396	69.515	-5.206	32.704	5.325	6.500	31.496	33.975	5.5316	0.96822	0.00014	45.4059	250.000
3.8339	13802	45.4059	26.739	37.00	41.250	2846.598	69.520	-5.206	32.705	5.325	6.500	31.496	33.975	5.5316	0.96813	0.00014	45.4060	250.000
3.8342	13803	45.4060	26.739	37.00	41.250	2846.800	69.525	-5.206	32.705	5.325	6.500	31.496	33.975	5.5316	0.96804	0.00014	45.4062	250.000
3.8344	13804	45.4062	26.740	37.00	41.250	2847.002	69.529	-5.206	32.706	5.325	6.500	31.496	33.975	5.5316	0.96796	0.00014	45.4063	250.000
3.8347	13805	45.4063	26.740	37.00	41.250	2847.204	69.534	-5.206	32.706	5.325	6.499	31.496	33.975	5.5316	0.96787	0.00014	45.4065	250.000
3.8350	13806	45.4065	26.740	37.00	41.250	2847.406	69.539	-5.206	32.707	5.325	6.499	31.496	33.975	5.5316	0.96778	0.00014	45.4066	250.000
3.8353	13807	45.4066	26.740	37.00	41.250	2847.608	69.544	-5.206	32.707	5.325	6.499	31.496	33.975	5.5316	0.96769	0.00014	45.4067	250.000
3.8356	13808	45.4067	26.740	37.00	41.250	2847.810	69.549	-5.206	32.708	5.325	6.499	31.496	33.975	5.5316	0.96761	0.00014	45.4069	250.000
3.8358	13809	45.4069	26.740	37.00	41.250	2848.012	69.554	-5.206	32.708	5.325	6.499	31.496	33.975	5.5316	0.96752	0.00014	45.4070	250.000
3.8361	13810	45.4070	26.740	37.00	41.250	2848.214	69.559	-5.206	32.709	5.325	6.499	31.496	33.975	5.5316	0.96743	0.00014	45.4071	250.000
3.8364	13811	45.4071	26.741	37.00	41.250	2848.416	69.564	-5.206	32.709	5.326	6.499	31.496	33.975	5.5316	0.96734	0.00014	45.4073	250.000
3.8367	13812	45.4073	26.741	37.00	41.250	2848.618	69.569	-5.206	32.710	5.326	6.499	31.496	33.975	5.5316	0.96726	0.00014	45.4074	250.000
3.8369	13813	45.4074	26.741	37.00	41.250	2848.820	69.574	-5.206	32.711	5.326	6.499	31.496	33.975	5.5316	0.96717	0.00014	45.4076	250.000
3.8372	13814	45.4076	26.741	37.00	41.250	2849.022	69.579	-5.206	32.711	5.326	6.499	31.496	33.975	5.5316	0.96708	0.00014	45.4077	250.000
3.8375	13815	45.4077	26.741	37.00	41.250	2849.224	69.584	-5.206	32.712	5.326	6.499	31.496	33.975	5.5316	0.96699	0.00014	45.4078	250.000
3.8378	13816	45.4078	26.741	37.00	41.250	2849.426	69.589	-5.206	32.712	5.326	6.498	31.496	33.975	5.5316	0.96691	0.00014	45.4080	250.000

3.8381	13817	45.4080	26.741	37.00	41.250	2849.628	69.594	-5.206	32.713	5.326	6.498	31.496	33.975	5.5316	0.96682	0.00014	45.4081	250.000
3.8383	13818	45.4081	26.741	37.00	41.250	2849.830	69.599	-5.206	32.713	5.326	6.498	31.496	33.975	5.5316	0.96673	0.00014	45.4082	250.000
3.8386	13819	45.4082	26.742	37.00	41.250	2850.032	69.604	-5.206	32.714	5.326	6.498	31.496	33.975	5.5316	0.96664	0.00014	45.4084	250.000
3.8389	13820	45.4084	26.742	37.00	41.250	2850.234	69.608	-5.206	32.714	5.326	6.498	31.496	33.975	5.5316	0.96656	0.00014	45.4085	250.000
3.8392	13821	45.4085	26.742	37.00	41.250	2850.436	69.613	-5.206	32.715	5.326	6.498	31.496	33.975	5.5316	0.96647	0.00014	45.4087	250.000
3.8394	13822	45.4087	26.742	37.00	41.250	2850.638	69.618	-5.206	32.715	5.326	6.498	31.496	33.975	5.5316	0.96638	0.00014	45.4088	250.000
3.8397	13823	45.4088	26.742	37.00	41.250	2850.840	69.623	-5.206	32.716	5.327	6.498	31.496	33.975	5.5316	0.96629	0.00014	45.4089	250.000
3.8400	13824	45.4089	26.742	37.00	41.250	2851.042	69.628	-5.206	32.716	5.327	6.498	31.496	33.975	5.5316	0.96621	0.00014	45.4091	250.000
3.8403	13825	45.4091	26.742	37.00	41.250	2851.244	69.633	-5.206	32.717	5.327	6.498	31.496	33.975	5.5316	0.96612	0.00014	45.4092	250.000
3.8406	13826	45.4092	26.743	37.00	41.250	2851.446	69.638	-5.206	32.717	5.327	6.498	31.496	33.975	5.5316	0.96603	0.00014	45.4094	250.000
3.8408	13827	45.4094	26.743	37.00	41.250	2851.648	69.643	-5.206	32.718	5.327	6.497	31.496	33.975	5.5316	0.96594	0.00014	45.4095	250.000
3.8411	13828	45.4095	26.743	37.00	41.250	2851.850	69.648	-5.206	32.719	5.327	6.497	31.496	33.975	5.5316	0.96586	0.00014	45.4096	250.000
3.8414	13829	45.4096	26.743	37.00	41.250	2852.053	69.653	-5.206	32.719	5.327	6.497	31.496	33.975	5.5316	0.96577	0.00014	45.4098	250.000
3.8417	13830	45.4098	26.743	37.00	41.250	2852.255	69.658	-5.206	32.720	5.327	6.497	31.496	33.975	5.5316	0.96568	0.00014	45.4099	250.000
3.8419	13831	45.4099	26.743	37.00	41.250	2852.457	69.663	-5.206	32.720	5.327	6.497	31.496	33.975	5.5316	0.96559	0.00014	45.4100	250.000
3.8422	13832	45.4100	26.743	37.00	41.250	2852.659	69.668	-5.206	32.721	5.327	6.497	31.496	33.975	5.5316	0.96551	0.00014	45.4102	250.000
3.8425	13833	45.4102	26.744	37.00	41.250	2852.861	69.673	-5.206	32.721	5.327	6.497	31.496	33.975	5.5316	0.96542	0.00014	45.4103	250.000
3.8428	13834	45.4103	26.744	37.00	41.250	2853.063	69.678	-5.206	32.722	5.328	6.497	31.496	33.975	5.5316	0.96533	0.00014	45.4105	250.000
3.8431	13835	45.4105	26.744	37.00	41.250	2853.265	69.682	-5.206	32.722	5.328	6.497	31.496	33.975	5.5316	0.96524	0.00014	45.4106	250.000
3.8433	13836	45.4106	26.744	37.00	41.250	2853.467	69.687	-5.206	32.723	5.328	6.497	31.496	33.975	5.5316	0.96516	0.00014	45.4107	250.000
3.8436	13837	45.4107	26.744	37.00	41.250	2853.669	69.692	-5.206	32.723	5.328	6.497	31.496	33.975	5.5316	0.96507	0.00014	45.4109	250.000
3.8439	13838	45.4109	26.744	37.00	41.250	2853.871	69.697	-5.206	32.724	5.328	6.497	31.496	33.975	5.5316	0.96498	0.00014	45.4110	250.000
3.8442	13839	45.4110	26.744	37.00	41.250	2854.073	69.702	-5.206	32.724	5.328	6.496	31.496	33.975	5.5316	0.96489	0.00014	45.4111	250.000
3.8444	13840	45.4111	26.745	37.00	41.250	2854.275	69.707	-5.206	32.725	5.328	6.496	31.496	33.975	5.5316	0.96481	0.00014	45.4113	250.000
3.8447	13841	45.4113	26.745	37.00	41.250	2854.477	69.712	-5.206	32.726	5.328	6.496	31.496	33.975	5.5316	0.96472	0.00014	45.4114	250.000
3.8450	13842	45.4114	26.745	37.00	41.250	2854.679	69.717	-5.206	32.726	5.328	6.496	31.496	33.975	5.5316	0.96463	0.00014	45.4116	250.000
3.8453	13843	45.4116	26.745	37.00	41.250	2854.881	69.722	-5.206	32.727	5.328	6.496	31.496	33.975	5.5316	0.96455	0.00014	45.4117	250.000
3.8456	13844	45.4117	26.745	37.00	41.250	2855.083	69.727	-5.206	32.727	5.328	6.496	31.496	33.975	5.5316	0.96446	0.00014	45.4118	250.000
3.8458	13845	45.4118	26.745	37.00	41.250	2855.285	69.732	-5.206	32.728	5.329	6.496	31.496	33.975	5.5316	0.96437	0.00014	45.4120	250.000
3.8461	13846	45.4120	26.745	37.00	41.250	2855.487	69.737	-5.206	32.728	5.329	6.496	31.496	33.975	5.5316	0.96428	0.00014	45.4121	250.000
3.8464	13847	45.4121	26.745	37.00	41.250	2855.689	69.742	-5.206	32.729	5.329	6.496	31.496	33.975	5.5316	0.96420	0.00014	45.4122	250.000
3.8467	13848	45.4122	26.746	37.00	41.250	2855.891	69.747	-5.206	32.729	5.329	6.496	31.496	33.975	5.5316	0.96411	0.00014	45.4124	250.000
3.8469	13849	45.4124	26.746	37.00	41.250	2856.093	69.752	-5.206	32.730	5.329	6.496	31.496	33.975	5.5316	0.96402	0.00014	45.4125	250.000
3.8472	13850	45.4125	26.746	37.00	41.250	2856.295	69.756	-5.206	32.730	5.329	6.495	31.496	33.975	5.5316	0.96393	0.00014	45.4127	250.000
3.8475	13851	45.4127	26.746	37.00	41.250	2856.497	69.761	-5.206	32.731	5.329	6.495	31.496	33.975	5.5316	0.96385	0.00014	45.4128	250.000
3.8478	13852	45.4128	26.746	37.00	41.250	2856.699	69.766	-5.206	32.731	5.329	6.495	31.496	33.975	5.5316	0.96376	0.00014	45.4129	250.000
3.8481	13853	45.4129	26.746	37.00	41.250	2856.901	69.771	-5.206	32.732	5.329	6.495	31.496	33.975	5.5316	0.96367	0.00014	45.4131	250.000
3.8483	13854	45.4131	26.746	37.00	41.250	2857.103	69.776	-5.206	32.733	5.329	6.495	31.496	33.975	5.5316	0.96359	0.00014	45.4132	250.000
3.8486	13855	45.4132	26.747	37.00	41.250	2857.305	69.781	-5.206	32.733	5.329	6.495	31.496	33.975	5.5316	0.96350	0.00014	45.4133	250.000
3.8489	13856	45.4133	26.747	37.00	41.250	2857.507	69.786	-5.206	32.734	5.329	6.495	31.496	33.975	5.5316	0.96341	0.00014	45.4135	250.000
3.8492	13857	45.4135	26.747	37.00	41.250	2857.709	69.791	-5.206	32.734	5.330	6.495	31.496	33.975	5.5316	0.96332	0.00014	45.4136	250.000
3.8494	13858	45.4136	26.747	37.00	41.250	2857.911	69.796	-5.206	32.735	5.330	6.495	31.496	33.975	5.5316	0.96324	0.00014	45.4138	250.000
3.8497	13859	45.4138	26.747	37.00	41.250	2858.113	69.801	-5.206	32.735	5.330	6.495	31.496	33.975	5.5316	0.96315	0.00014	45.4139	250.000
3.8500	13860	45.4139	26.747	37.00	41.250	2858.315	69.806	-5.206	32.736	5.330	6.495	31.496	33.975	5.5316	0.96306	0.00014	45.4140	250.000
3.8503	13861	45.4140	26.747	37.00	41.250	2858.517	69.811	-5.206	32.736	5.330	6.495	31.496	33.975	5.5316	0.96298	0.00014	45.4142	250.000
3.8506	13862	45.4142	26.748	37.00	41.250	2858.719	69.816	-5.206	32.737	5.330	6.494	31.496	33.975	5.5316	0.96289	0.00014	45.4143	250.000
3.8508	13863	45.4143	26.748	37.00	41.250	2858.922	69.821	-5.206	32.737	5.330	6.494	31.496	33.975	5.5316	0.96280	0.00014	45.4144	250.000
3.8511	13864	45.4144	26.748	37.00	41.250	2859.124	69.826	-5.206	32.738	5.330	6.494	31.496	33.975	5.5316	0.96271	0.00014	45.4146	250.000
3.8514	13865	45.4146	26.748	37.00	41.250	2859.326	69.830	-5.206	32.738	5.330	6.494	31.496	33.975	5.5316	0.96263	0.00014	45.4147	250.000
3.8517	13866	45.4147	26.748	37.00	41.250	2859.528	69.835	-5.206	32.739	5.330	6.494	31.496	33.975	5.5316	0.96254	0.00014	45.4149	250.000
3.8519	13867	45.4149	26.748	37.00	41.250	2859.730	69.840	-5.206	32.739	5.330	6.494	31.496	33.975	5.5316	0.96245	0.00014	45.4150	250.000
3.8522	13868	45.4150	26.748	37.00	41.250	2859.932	69.845	-5.206	32.740	5.331	6.494	31.496	33.975	5.5316	0.96237	0.00014	45.4151	250.000
3.8525	13869	45.4151	26.749	37.00	41.250	2860.134	69.850	-5.206	32.741	5.331	6.494	31.496	33.975	5.5316	0.96228	0.00014	45.4153	250.000
3.8528	13870	45.4153	26.749	37.00	41.250	2860.336	69.855	-5.206	32.741	5.331	6.494	31.496	33.975	5.5316	0.96219	0.00014	45.4154	250.000
3.8531	13871	45.4154	26.749	37.00	41.250	2860.538	69.860	-5.206	32.742	5.331	6.494	31.496	33.975	5.5316	0.96210	0.00014	45.4155	250.000
3.8533	13872	45.4155	26.749	37.00	41.250	2860.740	69.865	-5.206	32.742	5.331	6.494	31.496	33.975	5.5316	0.96202	0.00014	45.4157	250.000
3.8536	13873	45.4157	26.749	37.00	41.250	2860.942	69.870	-5.206	32.743	5.331	6.493	31.496	33.975	5.5316	0.96193	0.00014	45.4158	250.000
3.8539	13874	45.4158	26.749	37.00	41.250	2861.144	69.875	-5.206	32.743	5.331	6.493	31.496	33.975	5.5316	0.96184	0.00014	45.4160	250.000
3.8542	13875	45.4160	26.749	37.00	41.250	2861.346	69.880	-5.206	32.744	5.331	6.493	31.496	33.975	5.5316	0.96176	0.00014	45.4161	250.000
3.8544	13876	45.4161	26.749	37.00	41.250	2861.548	69.885	-5.206	32.744	5.331	6.493	31.496	33.975	5.5316	0.96167	0.00014	45.4162	250.000
3.8547	13877	45.4162	26.750	37.00	41.250	2861.750	69.890	-5.206	32.745	5.331	6.493	31.496	33.975	5.5316	0.96158	0.00014	45.4164	250.000
3.8550	13878	45.4164	26.750	37.00	41.250	2861.952	69.895	-5.206	32.745	5.331	6.493	31.496	33.975	5.5316	0.96150	0.00014	45.4165	250.000
3.8553	13879	45.4165	26.750	37.00	41.250	2862.154	69.900	-5.206	32.746	5.331	6.493	31.496	33.975	5.5316	0.96141	0.00014	45.4166	250.000
3.8556	13880	45.4166	26.750	37.00	41.250	2862.356	69.904	-5.206	32.746	5.332	6.493	31.496	33.975	5.5316	0.96132	0.00014	45.4168	250.000
3.8558	13881	45.4168	26.750	37.00	41.250	2862.558	69.909	-5.206	32.747	5.332	6.493	31.496	33.975	5.5316	0.96123	0.00014	45.4169	250.000
3.8561	13882	45.4169	26.750	37.00	41.250	2862.760	69.914	-5.206	32.747	5.332	6.493	31.496	33.975	5.5316	0.96115	0.00014	45.4171	250.000
3.8564	13883	45.4171	26.750	37.00	41.250	2862.962	69.919	-5.206	32.748	5.332	6.493	31.496	33.975	5.5316	0.96106	0.00014	45.4172	250.000
3.8567	13884	45.4172	26.751	37.00	41.250	2863.164	69.924	-5.206	32.749	5.332	6.493	31.496	33.975	5.5316	0.96097	0.00014	45.4173	250.000
3.8569	13885	45.4173	26.751	37.00	41.250	2863.366	69.929	-5.206	32.749	5.332	6.492	31.496	33.975	5.5316	0.96089	0.00014	45.4175	250.000
3.8572	13886	45.4175	26.751	37.00	41.250	2863.568	69.934	-5.206	32.750	5.332	6.492	31.496	33.975	5.5316	0.96080	0.00014	45.4176	250.000
3.8575	13887	45.4176	26.751	37.00	41.250	2863.770	69.939	-5.206	32.750	5.332	6.492	31.496	33.975	5.5316	0.96071	0.00014	45.4177	250.000
3.8578	13888	45.4177	26.751	37.00	41.250	2863.972	69.944	-5.206	32.751	5.332	6.492	31.496	33.975	5.5316	0.96063	0.00014	45.4179	250.000
3.8581	13889	45.4179	26.751	37.00	41.250	2864.174	69.949	-5.206	32.751	5.332	6.492	31.496	33.975	5.5316	0.96054	0.00014	45.4180	250.000
3.8583	13890	45.4180	26.751	37.00	41.250	2864.376	69.954	-5.206	32.752	5.332	6.492	31.496	33.975	5.5316	0.96045	0.00014	45.4182	250.000
3.8586	13891	45.4182	26.752	37.00	41.250	2864.578	69.959	-5.206	32.752	5.333	6.492	31.496	33.975	5.5316	0.96036	0.00014	45.4183	250.000
3.8589	13892	45.4183	26.752	37.00	41.250	2864.780	69.964	-5.206	32.753	5.333	6.492	31.496	33.975	5.5316	0.96028	0.00014	45.4184	250.000
3.8592	13893	45.4184	26.752	37.00	41.250	2864.982	69.969	-5.206	32.753	5.333	6.492	31.496	33.975	5.5316	0.96019	0.00014	45.4186	250.000
3.8594	13894	45.4186	26.752	37.00	41.250	2865.184	69.974	-5.206	32.754	5.333	6.492	31.496	33.975	5.5316	0.96010	0.00014	45.4187	250.000
3.8597	13895	45.4187	26.752	37.00	41.250	2865.386	69.978	-5.206	32.754	5.333	6.492	31.496	33.975	5.5316	0.96002	0.00014	45.4188	250.000
3.8600	13896	45.4188	26.752	37.00	41.250	2865.589	69.983	-5.206	32.755	5.333	6.491	31.496	33.975	5.5316	0.95993	0.00014	45.4190	250.000
3.8603	13897	45.4190	26.752	37.00	41.250	2865.791	69.988	-5.206	32.755	5.333	6.491	31.496	33.975	5.5316	0.95984	0.00014	45.4191	250.000

3.8606	13898	45.4191	26.753	37.00	41.250	2865.993	69.993	-5.206	32.756	5.333	6.491	31.496	33.975	5.5316	0.95976	0.00014	45.4193	250.000
3.8608	13899	45.4193	26.753	37.00	41.250	2866.195	69.998	-5.206	32.757	5.333	6.491	31.496	33.975	5.5316	0.95967	0.00014	45.4194	250.000
3.8611	13900	45.4194	26.753	37.00	41.250	2866.397	70.003	-5.206	32.757	5.333	6.491	31.496	33.975	5.5316	0.95958	0.00014	45.4195	250.000
3.8614	13901	45.4195	26.753	37.00	41.250	2866.599	70.008	-5.206	32.758	5.333	6.491	31.496	33.975	5.5316	0.95950	0.00014	45.4197	250.000
3.8617	13902	45.4197	26.753	37.00	41.250	2866.801	70.013	-5.206	32.758	5.333	6.491	31.496	33.975	5.5316	0.95941	0.00014	45.4198	250.000
3.8619	13903	45.4198	26.753	37.00	41.250	2867.003	70.018	-5.206	32.759	5.334	6.491	31.496	33.975	5.5316	0.95932	0.00014	45.4199	250.000
3.8622	13904	45.4199	26.753	37.00	41.250	2867.205	70.023	-5.206	32.759	5.334	6.491	31.496	33.975	5.5316	0.95924	0.00014	45.4201	250.000
3.8625	13905	45.4201	26.753	37.00	41.250	2867.407	70.028	-5.206	32.760	5.334	6.491	31.496	33.975	5.5316	0.95915	0.00014	45.4202	250.000
3.8628	13906	45.4202	26.754	37.00	41.250	2867.609	70.033	-5.206	32.760	5.334	6.491	31.496	33.975	5.5316	0.95906	0.00014	45.4204	250.000
3.8631	13907	45.4204	26.754	37.00	41.250	2867.811	70.038	-5.206	32.761	5.334	6.491	31.496	33.975	5.5316	0.95898	0.00014	45.4205	250.000
3.8633	13908	45.4205	26.754	37.00	41.250	2868.013	70.043	-5.206	32.761	5.334	6.490	31.496	33.975	5.5316	0.95889	0.00014	45.4206	250.000
3.8636	13909	45.4206	26.754	37.00	41.250	2868.215	70.048	-5.206	32.762	5.334	6.490	31.496	33.975	5.5316	0.95880	0.00014	45.4208	250.000
3.8639	13910	45.4208	26.754	37.00	41.250	2868.417	70.052	-5.206	32.762	5.334	6.490	31.496	33.975	5.5316	0.95871	0.00014	45.4209	250.000
3.8642	13911	45.4209	26.754	37.00	41.250	2868.619	70.057	-5.206	32.763	5.334	6.490	31.496	33.975	5.5316	0.95863	0.00014	45.4210	250.000
3.8644	13912	45.4210	26.754	37.00	41.250	2868.821	70.062	-5.206	32.763	5.334	6.490	31.496	33.975	5.5316	0.95854	0.00014	45.4212	250.000
3.8647	13913	45.4212	26.755	37.00	41.250	2869.023	70.067	-5.206	32.764	5.334	6.490	31.496	33.975	5.5316	0.95845	0.00014	45.4213	250.000
3.8650	13914	45.4213	26.755	37.00	41.250	2869.225	70.072	-5.206	32.765	5.335	6.490	31.496	33.975	5.5316	0.95837	0.00014	45.4214	250.000
3.8653	13915	45.4214	26.755	37.00	41.250	2869.427	70.077	-5.206	32.765	5.335	6.490	31.496	33.975	5.5316	0.95828	0.00014	45.4216	250.000
3.8656	13916	45.4216	26.755	37.00	41.250	2869.629	70.082	-5.206	32.766	5.335	6.490	31.496	33.975	5.5316	0.95819	0.00014	45.4217	250.000
3.8658	13917	45.4217	26.755	37.00	41.250	2869.831	70.087	-5.206	32.766	5.335	6.490	31.496	33.975	5.5316	0.95811	0.00014	45.4219	250.000
3.8661	13918	45.4219	26.755	37.00	41.250	2870.033	70.092	-5.206	32.767	5.335	6.490	31.496	33.975	5.5316	0.95802	0.00014	45.4220	250.000
3.8664	13919	45.4220	26.755	37.00	41.250	2870.235	70.097	-5.206	32.767	5.335	6.489	31.496	33.975	5.5316	0.95793	0.00014	45.4221	250.000
3.8667	13920	45.4221	26.756	37.00	41.250	2870.437	70.102	-5.206	32.768	5.335	6.489	31.496	33.975	5.5316	0.95785	0.00014	45.4223	250.000
3.8669	13921	45.4223	26.756	37.00	41.250	2870.639	70.107	-5.206	32.768	5.335	6.489	31.496	33.975	5.5316	0.95776	0.00014	45.4224	250.000
3.8672	13922	45.4224	26.756	37.00	41.250	2870.841	70.112	-5.206	32.769	5.335	6.489	31.496	33.975	5.5316	0.95767	0.00014	45.4225	250.000
3.8675	13923	45.4225	26.756	37.00	41.250	2871.043	70.117	-5.206	32.769	5.335	6.489	31.496	33.975	5.5316	0.95759	0.00014	45.4227	250.000
3.8678	13924	45.4227	26.756	37.00	41.250	2871.245	70.122	-5.206	32.770	5.335	6.489	31.496	33.975	5.5316	0.95750	0.00014	45.4228	250.000
3.8681	13925	45.4228	26.756	37.00	41.250	2871.447	70.127	-5.206	32.770	5.335	6.489	31.496	33.975	5.5316	0.95741	0.00014	45.4230	250.000
3.8683	13926	45.4230	26.756	37.00	41.250	2871.649	70.131	-5.206	32.771	5.336	6.489	31.496	33.975	5.5316	0.95733	0.00014	45.4231	250.000
3.8686	13927	45.4231	26.756	37.00	41.250	2871.851	70.136	-5.206	32.771	5.336	6.489	31.496	33.975	5.5316	0.95724	0.00014	45.4232	250.000
3.8689	13928	45.4232	26.757	37.00	41.250	2872.053	70.141	-5.206	32.772	5.336	6.489	31.496	33.975	5.5316	0.95715	0.00014	45.4234	250.000
3.8692	13929	45.4234	26.757	37.00	41.250	2872.255	70.146	-5.206	32.773	5.336	6.489	31.496	33.975	5.5316	0.95707	0.00014	45.4235	250.000
3.8694	13930	45.4235	26.757	37.00	41.250	2872.458	70.151	-5.206	32.773	5.336	6.489	31.496	33.975	5.5316	0.95698	0.00014	45.4236	250.000
3.8697	13931	45.4236	26.757	37.00	41.250	2872.660	70.156	-5.206	32.774	5.336	6.488	31.496	33.975	5.5316	0.95689	0.00014	45.4238	250.000
3.8700	13932	45.4238	26.757	37.00	41.250	2872.862	70.161	-5.206	32.774	5.336	6.488	31.496	33.975	5.5316	0.95681	0.00014	45.4239	250.000
3.8703	13933	45.4239	26.757	37.00	41.250	2873.064	70.166	-5.206	32.775	5.336	6.488	31.496	33.975	5.5316	0.95672	0.00014	45.4240	250.000
3.8706	13934	45.4240	26.757	37.00	41.250	2873.266	70.171	-5.206	32.775	5.336	6.488	31.496	33.975	5.5316	0.95663	0.00014	45.4242	250.000
3.8708	13935	45.4242	26.758	37.00	41.250	2873.468	70.176	-5.206	32.776	5.336	6.488	31.496	33.975	5.5316	0.95655	0.00014	45.4243	250.000
3.8711	13936	45.4243	26.758	37.00	41.250	2873.670	70.181	-5.206	32.776	5.336	6.488	31.496	33.975	5.5316	0.95646	0.00014	45.4245	250.000
3.8714	13937	45.4245	26.758	37.00	41.250	2873.872	70.186	-5.206	32.777	5.337	6.488	31.496	33.975	5.5316	0.95638	0.00014	45.4246	250.000
3.8717	13938	45.4246	26.758	37.00	41.250	2874.074	70.191	-5.206	32.777	5.337	6.488	31.496	33.975	5.5316	0.95629	0.00014	45.4247	250.000
3.8719	13939	45.4247	26.758	37.00	41.250	2874.276	70.196	-5.206	32.778	5.337	6.488	31.496	33.975	5.5316	0.95620	0.00014	45.4249	250.000
3.8722	13940	45.4249	26.758	37.00	41.250	2874.478	70.201	-5.206	32.778	5.337	6.488	31.496	33.975	5.5316	0.95612	0.00014	45.4250	250.000
3.8725	13941	45.4250	26.758	37.00	41.250	2874.680	70.205	-5.206	32.779	5.337	6.488	31.496	33.975	5.5316	0.95603	0.00014	45.4251	250.000
3.8728	13942	45.4251	26.759	37.00	41.250	2874.882	70.210	-5.206	32.779	5.337	6.487	31.496	33.975	5.5316	0.95594	0.00014	45.4253	250.000
3.8731	13943	45.4253	26.759	37.00	41.250	2875.084	70.215	-5.206	32.780	5.337	6.487	31.496	33.975	5.5316	0.95586	0.00014	45.4254	250.000
3.8733	13944	45.4254	26.759	37.00	41.250	2875.286	70.220	-5.206	32.781	5.337	6.487	31.496	33.975	5.5316	0.95577	0.00014	45.4255	250.000
3.8736	13945	45.4255	26.759	37.00	41.250	2875.488	70.225	-5.206	32.781	5.337	6.487	31.496	33.975	5.5316	0.95568	0.00014	45.4257	250.000
3.8739	13946	45.4257	26.759	37.00	41.250	2875.690	70.230	-5.206	32.782	5.337	6.487	31.496	33.975	5.5316	0.95560	0.00014	45.4258	250.000
3.8742	13947	45.4258	26.759	37.00	41.250	2875.892	70.235	-5.206	32.782	5.337	6.487	31.496	33.975	5.5316	0.95551	0.00014	45.4260	250.000
3.8744	13948	45.4260	26.759	37.00	41.250	2876.094	70.240	-5.206	32.783	5.337	6.487	31.496	33.975	5.5316	0.95542	0.00014	45.4261	250.000
3.8747	13949	45.4261	26.759	37.00	41.250	2876.296	70.245	-5.206	32.783	5.338	6.487	31.496	33.975	5.5316	0.95534	0.00014	45.4262	250.000
3.8750	13950	45.4262	26.760	37.00	41.250	2876.498	70.250	-5.206	32.784	5.338	6.487	31.496	33.975	5.5316	0.95525	0.00014	45.4264	250.000
3.8753	13951	45.4264	26.760	37.00	41.250	2876.700	70.255	-5.206	32.784	5.338	6.487	31.496	33.975	5.5316	0.95516	0.00014	45.4265	250.000
3.8756	13952	45.4265	26.760	37.00	41.250	2876.902	70.260	-5.206	32.785	5.338	6.487	31.496	33.975	5.5316	0.95508	0.00014	45.4266	250.000
3.8758	13953	45.4266	26.760	37.00	41.250	2877.104	70.265	-5.206	32.785	5.338	6.487	31.496	33.975	5.5316	0.95499	0.00014	45.4268	250.000
3.8761	13954	45.4268	26.760	37.00	41.250	2877.306	70.270	-5.206	32.786	5.338	6.486	31.496	33.975	5.5316	0.95490	0.00014	45.4269	250.000
3.8764	13955	45.4269	26.760	37.00	41.250	2877.508	70.275	-5.206	32.786	5.338	6.486	31.496	33.975	5.5316	0.95482	0.00014	45.4270	250.000
3.8767	13956	45.4270	26.760	37.00	41.250	2877.710	70.279	-5.206	32.787	5.338	6.486	31.496	33.975	5.5316	0.95473	0.00014	45.4272	250.000
3.8769	13957	45.4272	26.761	37.00	41.250	2877.912	70.284	-5.206	32.787	5.338	6.486	31.496	33.975	5.5316	0.95465	0.00014	45.4273	250.000
3.8772	13958	45.4273	26.761	37.00	41.250	2878.114	70.289	-5.206	32.788	5.338	6.486	31.496	33.975	5.5316	0.95456	0.00014	45.4275	250.000
3.8775	13959	45.4275	26.761	37.00	41.250	2878.316	70.294	-5.206	32.788	5.338	6.486	31.496	33.975	5.5316	0.95447	0.00014	45.4276	250.000
3.8778	13960	45.4276	26.761	37.00	41.250	2878.518	70.299	-5.206	32.789	5.338	6.486	31.496	33.975	5.5316	0.95439	0.00014	45.4277	250.000
3.8781	13961	45.4277	26.761	37.00	41.250	2878.720	70.304	-5.206	32.790	5.339	6.486	31.496	33.975	5.5316	0.95430	0.00014	45.4279	250.000
3.8783	13962	45.4279	26.761	37.00	41.250	2878.922	70.309	-5.206	32.790	5.339	6.486	31.496	33.975	5.5316	0.95421	0.00014	45.4280	250.000
3.8786	13963	45.4280	26.761	37.00	41.250	2879.125	70.314	-5.206	32.791	5.339	6.486	31.496	33.975	5.5316	0.95413	0.00014	45.4281	250.000
3.8789	13964	45.4281	26.762	37.00	41.250	2879.327	70.319	-5.206	32.791	5.339	6.486	31.496	33.975	5.5316	0.95404	0.00014	45.4283	250.000
3.8792	13965	45.4283	26.762	37.00	41.250	2879.529	70.324	-5.206	32.792	5.339	6.486	31.496	33.975	5.5316	0.95395	0.00014	45.4284	250.000
3.8794	13966	45.4284	26.762	37.00	41.250	2879.731	70.329	-5.206	32.792	5.339	6.485	31.496	33.975	5.5316	0.95387	0.00014	45.4285	250.000
3.8797	13967	45.4285	26.762	37.00	41.250	2879.933	70.334	-5.206	32.793	5.339	6.485	31.496	33.975	5.5316	0.95378	0.00014	45.4287	250.000
3.8800	13968	45.4287	26.762	37.00	41.250	2880.135	70.339	-5.206	32.793	5.339	6.485	31.496	33.975	5.5316	0.95370	0.00014	45.4288	250.000
3.8803	13969	45.4288	26.762	37.00	41.250	2880.337	70.344	-5.206	32.794	5.339	6.485	31.496	33.975	5.5316	0.95361	0.00014	45.4290	250.000
3.8806	13970	45.4290	26.762	37.00	41.250	2880.539	70.349	-5.206	32.794	5.339	6.485	31.496	33.975	5.5316	0.95352	0.00014	45.4291	250.000
3.8808	13971	45.4291	26.762	37.00	41.250	2880.741	70.353	-5.206	32.795	5.339	6.485	31.496	33.975	5.5316	0.95344	0.00014	45.4292	250.000
3.8811	13972	45.4292	26.763	37.00	41.250	2880.943	70.358	-5.206	32.795	5.340	6.485	31.496	33.975	5.5316	0.95335	0.00014	45.4294	250.000
3.8814	13973	45.4294	26.763	37.00	41.250	2881.145	70.363	-5.206	32.796	5.340	6.485	31.496	33.975	5.5316	0.95326	0.00014	45.4295	250.000
3.8817	13974	45.4295	26.763	37.00	41.250	2881.347	70.368	-5.206	32.796	5.340	6.485	31.496	33.975	5.5316	0.95318	0.00014	45.4296	250.000
3.8819	13975	45.4296	26.763	37.00	41.250	2881.549	70.373	-5.206	32.797	5.340	6.485	31.496	33.975	5.5316	0.95309	0.00014	45.4298	250.000
3.8822	13976	45.4298	26.763	37.00	41.250	2881.751	70.378	-5.206	32.797	5.340	6.485	31.496	33.975	5.5316	0.95301	0.00014	45.4299	250.000
3.8825	13977	45.4299	26.763	37.00	41.250	2881.953	70.383	-5.206	32.798	5.340	6.484	31.496	33.975	5.5316	0.95292	0.00014	45.4300	250.000
3.8828	13978	45.4300	26.763	37.00	41.250	2882.155	70.388	-5.206	32.799	5.340	6.484	31.496	33.975	5.5316	0.95283	0.00014	45.4302	250.000

3.8831	13979	45.4302	26.764	37.00	41.250	2882.357	70.393	-5.206	32.799	5.340	6.484	31.496	33.975	5.5316	0.95275	0.00014	45.4303	250.000
3.8833	13980	45.4303	26.764	37.00	41.250	2882.559	70.398	-5.206	32.800	5.340	6.484	31.496	33.975	5.5316	0.95266	0.00014	45.4305	250.000
3.8836	13981	45.4305	26.764	37.00	41.250	2882.761	70.403	-5.206	32.800	5.340	6.484	31.496	33.975	5.5316	0.95257	0.00014	45.4306	250.000
3.8839	13982	45.4306	26.764	37.00	41.250	2882.963	70.408	-5.206	32.801	5.340	6.484	31.496	33.975	5.5316	0.95249	0.00014	45.4307	250.000
3.8842	13983	45.4307	26.764	37.00	41.250	2883.165	70.413	-5.206	32.801	5.340	6.484	31.496	33.975	5.5316	0.95240	0.00014	45.4309	250.000
3.8844	13984	45.4309	26.764	37.00	41.250	2883.367	70.418	-5.206	32.802	5.341	6.484	31.496	33.975	5.5316	0.95232	0.00014	45.4310	250.000
3.8847	13985	45.4310	26.764	37.00	41.250	2883.569	70.423	-5.206	32.802	5.341	6.484	31.496	33.975	5.5316	0.95223	0.00014	45.4311	250.000
3.8850	13986	45.4311	26.765	37.00	41.250	2883.771	70.427	-5.206	32.803	5.341	6.484	31.496	33.975	5.5316	0.95214	0.00014	45.4313	250.000
3.8853	13987	45.4313	26.765	37.00	41.250	2883.973	70.432	-5.206	32.803	5.341	6.484	31.496	33.975	5.5316	0.95206	0.00014	45.4314	250.000
3.8856	13988	45.4314	26.765	37.00	41.250	2884.175	70.437	-5.206	32.804	5.341	6.484	31.496	33.975	5.5316	0.95197	0.00014	45.4315	250.000
3.8858	13989	45.4315	26.765	37.00	41.250	2884.377	70.442	-5.206	32.804	5.341	6.483	31.496	33.975	5.5316	0.95189	0.00014	45.4317	250.000
3.8861	13990	45.4317	26.765	37.00	41.250	2884.579	70.447	-5.206	32.805	5.341	6.483	31.496	33.975	5.5316	0.95180	0.00014	45.4318	250.000
3.8864	13991	45.4318	26.765	37.00	41.250	2884.781	70.452	-5.206	32.805	5.341	6.483	31.496	33.975	5.5316	0.95171	0.00014	45.4320	250.000
3.8867	13992	45.4320	26.765	37.00	41.250	2884.983	70.457	-5.206	32.806	5.341	6.483	31.496	33.975	5.5316	0.95163	0.00014	45.4321	250.000
3.8869	13993	45.4321	26.765	37.00	41.250	2885.185	70.462	-5.206	32.806	5.341	6.483	31.496	33.975	5.5316	0.95154	0.00014	45.4322	250.000
3.8872	13994	45.4322	26.766	37.00	41.250	2885.387	70.467	-5.206	32.807	5.341	6.483	31.496	33.975	5.5316	0.95145	0.00014	45.4324	250.000
3.8875	13995	45.4324	26.766	37.00	41.250	2885.589	70.472	-5.206	32.808	5.342	6.483	31.496	33.975	5.5316	0.95137	0.00014	45.4325	250.000
3.8878	13996	45.4325	26.766	37.00	41.250	2885.792	70.477	-5.206	32.808	5.342	6.483	31.496	33.975	5.5316	0.95128	0.00014	45.4326	250.000
3.8881	13997	45.4326	26.766	37.00	41.250	2885.994	70.482	-5.206	32.809	5.342	6.483	31.496	33.975	5.5316	0.95120	0.00014	45.4328	250.000
3.8883	13998	45.4328	26.766	37.00	41.250	2886.196	70.487	-5.206	32.809	5.342	6.483	31.496	33.975	5.5316	0.95111	0.00014	45.4329	250.000
3.8886	13999	45.4329	26.766	37.00	41.250	2886.398	70.492	-5.206	32.810	5.342	6.483	31.496	33.975	5.5316	0.95102	0.00014	45.4330	250.000
3.8889	14000	45.4330	26.766	37.00	41.250	2886.600	70.497	-5.206	32.810	5.342	6.482	31.496	33.975	5.5316	0.95094	0.00014	45.4332	250.000
3.8892	14001	45.4332	26.767	37.00	41.250	2886.802	70.501	-5.206	32.811	5.342	6.482	31.496	33.975	5.5316	0.95085	0.00014	45.4333	250.000
3.8894	14002	45.4333	26.767	37.00	41.250	2887.004	70.506	-5.206	32.811	5.342	6.482	31.496	33.975	5.5316	0.95077	0.00014	45.4334	250.000
3.8897	14003	45.4334	26.767	37.00	41.250	2887.206	70.511	-5.206	32.812	5.342	6.482	31.496	33.975	5.5316	0.95068	0.00014	45.4336	250.000
3.8900	14004	45.4336	26.767	37.00	41.250	2887.408	70.516	-5.206	32.812	5.342	6.482	31.496	33.975	5.5316	0.95059	0.00014	45.4337	250.000
3.8903	14005	45.4337	26.767	37.00	41.250	2887.610	70.521	-5.206	32.813	5.342	6.482	31.496	33.975	5.5316	0.95051	0.00014	45.4339	250.000
3.8906	14006	45.4339	26.767	37.00	41.250	2887.812	70.526	-5.206	32.813	5.342	6.482	31.496	33.975	5.5316	0.95042	0.00014	45.4340	250.000
3.8908	14007	45.4340	26.767	37.00	41.250	2888.014	70.531	-5.206	32.814	5.343	6.482	31.496	33.975	5.5316	0.95034	0.00014	45.4341	250.000
3.8911	14008	45.4341	26.768	37.00	41.250	2888.216	70.536	-5.206	32.814	5.343	6.482	31.496	33.975	5.5316	0.95025	0.00014	45.4343	250.000
3.8914	14009	45.4343	26.768	37.00	41.250	2888.418	70.541	-5.206	32.815	5.343	6.482	31.496	33.975	5.5316	0.95016	0.00014	45.4344	250.000
3.8917	14010	45.4344	26.768	37.00	41.250	2888.620	70.546	-5.206	32.815	5.343	6.482	31.496	33.975	5.5316	0.95008	0.00014	45.4345	250.000
3.8919	14011	45.4345	26.768	37.00	41.250	2888.822	70.551	-5.206	32.816	5.343	6.482	31.496	33.975	5.5316	0.94999	0.00014	45.4347	250.000
3.8922	14012	45.4347	26.768	37.00	41.250	2889.024	70.556	-5.206	32.817	5.343	6.481	31.496	33.975	5.5316	0.94991	0.00014	45.4348	250.000
3.8925	14013	45.4348	26.768	37.00	41.250	2889.226	70.561	-5.206	32.817	5.343	6.481	31.496	33.975	5.5316	0.94982	0.00014	45.4349	250.000
3.8928	14014	45.4349	26.768	37.00	41.250	2889.428	70.566	-5.206	32.818	5.343	6.481	31.496	33.975	5.5316	0.94973	0.00014	45.4351	250.000
3.8931	14015	45.4351	26.768	37.00	41.250	2889.630	70.571	-5.206	32.818	5.343	6.481	31.496	33.975	5.5316	0.94965	0.00014	45.4352	250.000
3.8933	14016	45.4352	26.769	37.00	41.250	2889.832	70.576	-5.206	32.819	5.343	6.481	31.496	33.975	5.5316	0.94956	0.00014	45.4353	250.000
3.8936	14017	45.4353	26.769	37.00	41.250	2890.034	70.580	-5.206	32.819	5.343	6.481	31.496	33.975	5.5316	0.94948	0.00014	45.4355	250.000
3.8939	14018	45.4355	26.769	37.00	41.250	2890.236	70.585	-5.206	32.820	5.343	6.481	31.496	33.975	5.5316	0.94939	0.00014	45.4356	250.000
3.8942	14019	45.4356	26.769	37.00	41.250	2890.438	70.590	-5.206	32.820	5.344	6.481	31.496	33.975	5.5316	0.94930	0.00014	45.4358	250.000
3.8944	14020	45.4358	26.769	37.00	41.250	2890.640	70.595	-5.206	32.821	5.344	6.481	31.496	33.975	5.5316	0.94922	0.00014	45.4359	250.000
3.8947	14021	45.4359	26.769	37.00	41.250	2890.842	70.600	-5.206	32.821	5.344	6.481	31.496	33.975	5.5316	0.94913	0.00014	45.4360	250.000
3.8950	14022	45.4360	26.769	37.00	41.250	2891.044	70.605	-5.206	32.822	5.344	6.481	31.496	33.975	5.5316	0.94905	0.00014	45.4362	250.000
3.8953	14023	45.4362	26.770	37.00	41.250	2891.246	70.610	-5.206	32.822	5.344	6.481	31.496	33.975	5.5316	0.94896	0.00014	45.4363	250.000
3.8956	14024	45.4363	26.770	37.00	41.250	2891.448	70.615	-5.206	32.823	5.344	6.480	31.496	33.975	5.5316	0.94887	0.00014	45.4364	250.000
3.8958	14025	45.4364	26.770	37.00	41.250	2891.650	70.620	-5.206	32.823	5.344	6.480	31.496	33.975	5.5316	0.94879	0.00014	45.4366	250.000
3.8961	14026	45.4366	26.770	37.00	41.250	2891.852	70.625	-5.206	32.824	5.344	6.480	31.496	33.975	5.5316	0.94870	0.00014	45.4367	250.000
3.8964	14027	45.4367	26.770	37.00	41.250	2892.054	70.630	-5.206	32.824	5.344	6.480	31.496	33.975	5.5316	0.94862	0.00014	45.4368	250.000
3.8967	14028	45.4368	26.770	37.00	41.250	2892.256	70.635	-5.206	32.825	5.344	6.480	31.496	33.975	5.5316	0.94853	0.00014	45.4370	250.000
3.8969	14029	45.4370	26.770	37.00	41.250	2892.458	70.640	-5.206	32.825	5.344	6.480	31.496	33.975	5.5316	0.94845	0.00014	45.4371	250.000
3.8972	14030	45.4371	26.770	37.00	41.250	2892.661	70.645	-5.206	32.826	5.345	6.480	31.496	33.975	5.5316	0.94836	0.00014	45.4372	250.000
3.8975	14031	45.4372	26.771	37.00	41.250	2892.863	70.650	-5.206	32.827	5.345	6.480	31.496	33.975	5.5316	0.94827	0.00014	45.4374	250.000
3.8978	14032	45.4374	26.771	37.00	41.250	2893.065	70.654	-5.206	32.827	5.345	6.480	31.496	33.975	5.5316	0.94819	0.00014	45.4375	250.000
3.8981	14033	45.4375	26.771	37.00	41.250	2893.267	70.659	-5.206	32.828	5.345	6.480	31.496	33.975	5.5316	0.94810	0.00014	45.4377	250.000
3.8983	14034	45.4377	26.771	37.00	41.250	2893.469	70.664	-5.206	32.828	5.345	6.480	31.496	33.975	5.5316	0.94802	0.00014	45.4378	250.000
3.8986	14035	45.4378	26.771	37.00	41.250	2893.671	70.669	-5.206	32.829	5.345	6.479	31.496	33.975	5.5316	0.94793	0.00014	45.4379	250.000
3.8989	14036	45.4379	26.771	37.00	41.250	2893.873	70.674	-5.206	32.829	5.345	6.479	31.496	33.975	5.5316	0.94785	0.00014	45.4381	250.000
3.8992	14037	45.4381	26.771	37.00	41.250	2894.075	70.679	-5.206	32.830	5.345	6.479	31.496	33.975	5.5316	0.94776	0.00014	45.4382	250.000
3.8994	14038	45.4382	26.772	37.00	41.250	2894.277	70.684	-5.206	32.830	5.345	6.479	31.496	33.975	5.5316	0.94767	0.00014	45.4383	250.000
3.8997	14039	45.4383	26.772	37.00	41.250	2894.479	70.689	-5.206	32.831	5.345	6.479	31.496	33.975	5.5316	0.94759	0.00014	45.4385	250.000
3.9000	14040	45.4385	26.772	37.00	41.250	2894.681	70.694	-5.206	32.831	5.345	6.479	31.496	33.975	5.5316	0.94750	0.00014	45.4386	250.000
3.9003	14041	45.4386	26.772	37.00	41.250	2894.883	70.699	-5.206	32.832	5.345	6.479	31.496	33.975	5.5316	0.94742	0.00014	45.4387	250.000
3.9006	14042	45.4387	26.772	37.00	41.250	2895.085	70.704	-5.206	32.832	5.346	6.479	31.496	33.975	5.5316	0.94733	0.00014	45.4389	250.000
3.9008	14043	45.4389	26.772	37.00	41.250	2895.287	70.709	-5.206	32.833	5.346	6.479	31.496	33.975	5.5316	0.94724	0.00014	45.4390	250.000
3.9011	14044	45.4390	26.772	37.00	41.250	2895.489	70.714	-5.206	32.833	5.346	6.479	31.496	33.975	5.5316	0.94716	0.00014	45.4391	250.000
3.9014	14045	45.4391	26.773	37.00	41.250	2895.691	70.719	-5.206	32.834	5.346	6.479	31.496	33.975	5.5316	0.94707	0.00014	45.4393	250.000
3.9017	14046	45.4393	26.773	37.00	41.250	2895.893	70.724	-5.206	32.834	5.346	6.479	31.496	33.975	5.5316	0.94699	0.00014	45.4394	250.000
3.9019	14047	45.4394	26.773	37.00	41.250	2896.095	70.728	-5.206	32.835	5.346	6.478	31.496	33.975	5.5316	0.94690	0.00014	45.4395	250.000
3.9022	14048	45.4395	26.773	37.00	41.250	2896.297	70.733	-5.206	32.836	5.346	6.478	31.496	33.975	5.5316	0.94682	0.00014	45.4397	250.000
3.9025	14049	45.4397	26.773	37.00	41.250	2896.499	70.738	-5.206	32.836	5.346	6.478	31.496	33.975	5.5316	0.94673	0.00014	45.4398	250.000
3.9028	14050	45.4398	26.773	37.00	41.250	2896.701	70.743	-5.206	32.837	5.346	6.478	31.496	33.975	5.5316	0.94664	0.00014	45.4400	250.000
3.9031	14051	45.4400	26.773	37.00	41.250	2896.903	70.748	-5.206	32.837	5.346	6.478	31.496	33.975	5.5316	0.94656	0.00014	45.4401	250.000
3.9033	14052	45.4401	26.773	37.00	41.250	2897.105	70.753	-5.206	32.838	5.346	6.478	31.496	33.975	5.5316	0.94647	0.00014	45.4402	250.000
3.9036	14053	45.4402	26.774	37.00	41.250	2897.307	70.758	-5.206	32.838	5.346	6.478	31.496	33.975	5.5316	0.94639	0.00014	45.4404	250.000
3.9039	14054	45.4404	26.774	37.00	41.250	2897.509	70.763	-5.206	32.839	5.347	6.478	31.496	33.975	5.5316	0.94630	0.00014	45.4405	250.000
3.9042	14055	45.4405	26.774	37.00	41.250	2897.711	70.768	-5.206	32.839	5.347	6.478	31.496	33.975	5.5316	0.94622	0.00014	45.4406	250.000
3.9044	14056	45.4406	26.774	37.00	41.250	2897.913	70.773	-5.206	32.840	5.347	6.478	31.496	33.975	5.5316	0.94613	0.00014	45.4408	250.000
3.9047	14057	45.4408	26.774	37.00	41.250	2898.115	70.778	-5.206	32.840	5.347	6.478	31.496	33.975	5.5316	0.94605	0.00014	45.4409	250.000
3.9050	14058	45.4409	26.774	37.00	41.250	2898.317	70.783	-5.206	32.841	5.347	6.478	31.496	33.975	5.5316	0.94596	0.00014	45.4410	250.000
3.9053	14059	45.4410	26.774	37.00	41.250	2898.519	70.788	-5.206	32.841	5.347	6.477	31.496	33.975	5.5316	0.94587	0.00014	45.4412	250.000

3.9056	14060	45.4412	26.775	37.00	41.250	2898.721	70.793	-5.206	32.842	5.347	6.477	31.496	33.975	5.5316	0.94579	0.00014	45.4413	250.000
3.9058	14061	45.4413	26.775	37.00	41.250	2898.923	70.798	-5.206	32.842	5.347	6.477	31.496	33.975	5.5316	0.94570	0.00014	45.4414	250.000
3.9061	14062	45.4414	26.775	37.00	41.250	2899.125	70.802	-5.206	32.843	5.347	6.477	31.496	33.975	5.5316	0.94562	0.00014	45.4416	250.000
3.9064	14063	45.4416	26.775	37.00	41.250	2899.328	70.807	-5.206	32.843	5.347	6.477	31.496	33.975	5.5316	0.94553	0.00014	45.4417	250.000
3.9067	14064	45.4417	26.775	37.00	41.250	2899.530	70.812	-5.206	32.844	5.347	6.477	31.496	33.975	5.5316	0.94545	0.00014	45.4418	250.000
3.9069	14065	45.4418	26.775	37.00	41.250	2899.732	70.817	-5.206	32.844	5.348	6.477	31.496	33.975	5.5316	0.94536	0.00014	45.4420	250.000
3.9072	14066	45.4420	26.775	37.00	41.250	2899.934	70.822	-5.206	32.845	5.348	6.477	31.496	33.975	5.5316	0.94528	0.00014	45.4421	250.000
3.9075	14067	45.4421	26.776	37.00	41.250	2900.136	70.827	-5.206	32.845	5.348	6.477	31.496	33.975	5.5316	0.94519	0.00014	45.4422	250.000
3.9078	14068	45.4422	26.776	37.00	41.250	2900.338	70.832	-5.206	32.846	5.348	6.477	31.496	33.975	5.5316	0.94510	0.00014	45.4424	250.000
3.9081	14069	45.4424	26.776	37.00	41.250	2900.540	70.837	-5.206	32.847	5.348	6.477	31.496	33.975	5.5316	0.94502	0.00014	45.4425	250.000
3.9083	14070	45.4425	26.776	37.00	41.250	2900.742	70.842	-5.206	32.847	5.348	6.476	31.496	33.975	5.5316	0.94493	0.00013	45.4427	250.000
3.9086	14071	45.4427	26.776	37.00	41.250	2900.944	70.847	-5.206	32.848	5.348	6.476	31.496	33.975	5.5316	0.94485	0.00013	45.4428	250.000
3.9089	14072	45.4428	26.776	37.00	41.250	2901.146	70.852	-5.206	32.848	5.348	6.476	31.496	33.975	5.5316	0.94476	0.00013	45.4429	250.000
3.9092	14073	45.4429	26.776	37.00	41.250	2901.348	70.857	-5.206	32.849	5.348	6.476	31.496	33.975	5.5316	0.94468	0.00013	45.4431	250.000
3.9094	14074	45.4431	26.776	37.00	41.250	2901.550	70.862	-5.206	32.849	5.348	6.476	31.496	33.975	5.5316	0.94459	0.00013	45.4432	250.000
3.9097	14075	45.4432	26.777	37.00	41.250	2901.752	70.867	-5.206	32.850	5.348	6.476	31.496	33.975	5.5316	0.94451	0.00013	45.4433	250.000
3.9100	14076	45.4433	26.777	37.00	41.250	2901.954	70.872	-5.206	32.850	5.348	6.476	31.496	33.975	5.5316	0.94442	0.00013	45.4435	250.000
3.9103	14077	45.4435	26.777	37.00	41.250	2902.156	70.876	-5.206	32.851	5.349	6.476	31.496	33.975	5.5316	0.94433	0.00013	45.4436	250.000
3.9106	14078	45.4436	26.777	37.00	41.250	2902.358	70.881	-5.206	32.851	5.349	6.476	31.496	33.975	5.5316	0.94425	0.00013	45.4437	250.000
3.9108	14079	45.4437	26.777	37.00	41.250	2902.560	70.886	-5.206	32.852	5.349	6.476	31.496	33.975	5.5316	0.94416	0.00013	45.4439	250.000
3.9111	14080	45.4439	26.777	37.00	41.250	2902.762	70.891	-5.206	32.852	5.349	6.476	31.496	33.975	5.5316	0.94408	0.00013	45.4440	250.000
3.9114	14081	45.4440	26.777	37.00	41.250	2902.964	70.896	-5.206	32.853	5.349	6.476	31.496	33.975	5.5316	0.94399	0.00013	45.4441	250.000
3.9117	14082	45.4441	26.778	37.00	41.250	2903.166	70.901	-5.206	32.853	5.349	6.475	31.496	33.975	5.5316	0.94391	0.00013	45.4443	250.000
3.9119	14083	45.4443	26.778	37.00	41.250	2903.368	70.906	-5.206	32.854	5.349	6.475	31.496	33.975	5.5316	0.94382	0.00013	45.4444	250.000
3.9122	14084	45.4444	26.778	37.00	41.250	2903.570	70.911	-5.206	32.854	5.349	6.475	31.496	33.975	5.5316	0.94374	0.00013	45.4445	250.000
3.9125	14085	45.4445	26.778	37.00	41.250	2903.772	70.916	-5.206	32.855	5.349	6.475	31.496	33.975	5.5316	0.94365	0.00013	45.4447	250.000
3.9128	14086	45.4447	26.778	37.00	41.250	2903.974	70.921	-5.206	32.855	5.349	6.475	31.496	33.975	5.5316	0.94357	0.00013	45.4448	250.000
3.9131	14087	45.4448	26.778	37.00	41.250	2904.176	70.926	-5.206	32.856	5.349	6.475	31.496	33.975	5.5316	0.94348	0.00013	45.4449	250.000
3.9133	14088	45.4449	26.778	37.00	41.250	2904.378	70.931	-5.206	32.857	5.349	6.475	31.496	33.975	5.5316	0.94340	0.00013	45.4451	250.000
3.9136	14089	45.4451	26.778	37.00	41.250	2904.580	70.936	-5.206	32.857	5.350	6.475	31.496	33.975	5.5316	0.94331	0.00013	45.4452	250.000
3.9139	14090	45.4452	26.779	37.00	41.250	2904.782	70.941	-5.206	32.858	5.350	6.475	31.496	33.975	5.5316	0.94322	0.00013	45.4454	250.000
3.9142	14091	45.4454	26.779	37.00	41.250	2904.984	70.946	-5.206	32.858	5.350	6.475	31.496	33.975	5.5316	0.94314	0.00013	45.4455	250.000
3.9144	14092	45.4455	26.779	37.00	41.250	2905.186	70.950	-5.206	32.859	5.350	6.475	31.496	33.975	5.5316	0.94305	0.00013	45.4456	250.000
3.9147	14093	45.4456	26.779	37.00	41.250	2905.388	70.955	-5.206	32.859	5.350	6.475	31.496	33.975	5.5316	0.94297	0.00013	45.4458	250.000
3.9150	14094	45.4458	26.779	37.00	41.250	2905.590	70.960	-5.206	32.860	5.350	6.474	31.496	33.975	5.5316	0.94288	0.00013	45.4459	250.000
3.9153	14095	45.4459	26.779	37.00	41.250	2905.792	70.965	-5.206	32.860	5.350	6.474	31.496	33.975	5.5316	0.94280	0.00013	45.4460	250.000
3.9156	14096	45.4460	26.779	37.00	41.250	2905.994	70.970	-5.206	32.861	5.350	6.474	31.496	33.975	5.5316	0.94271	0.00013	45.4462	250.000
3.9158	14097	45.4462	26.780	37.00	41.250	2906.197	70.975	-5.206	32.861	5.350	6.474	31.496	33.975	5.5316	0.94263	0.00013	45.4463	250.000
3.9161	14098	45.4463	26.780	37.00	41.250	2906.399	70.980	-5.206	32.862	5.350	6.474	31.496	33.975	5.5316	0.94254	0.00013	45.4464	250.000
3.9164	14099	45.4464	26.780	37.00	41.250	2906.601	70.985	-5.206	32.862	5.350	6.474	31.496	33.975	5.5316	0.94246	0.00013	45.4466	250.000
3.9167	14100	45.4466	26.780	37.00	41.250	2906.803	70.990	-5.206	32.863	5.351	6.474	31.496	33.975	5.5316	0.94237	0.00013	45.4467	250.000
3.9169	14101	45.4467	26.780	37.00	41.250	2907.005	70.995	-5.206	32.863	5.351	6.474	31.496	33.975	5.5316	0.94229	0.00013	45.4468	250.000
3.9172	14102	45.4468	26.780	37.00	41.250	2907.207	71.000	-5.206	32.864	5.351	6.474	31.496	33.975	5.5316	0.94220	0.00013	45.4470	250.000
3.9175	14103	45.4470	26.780	37.00	41.250	2907.409	71.005	-5.206	32.864	5.351	6.474	31.496	33.975	5.5316	0.94212	0.00013	45.4471	250.000
3.9178	14104	45.4471	26.780	37.00	41.250	2907.611	71.010	-5.206	32.865	5.351	6.474	31.496	33.975	5.5316	0.94203	0.00013	45.4472	250.000
3.9181	14105	45.4472	26.781	37.00	41.250	2907.813	71.015	-5.206	32.865	5.351	6.473	31.496	33.975	5.5316	0.94194	0.00013	45.4474	250.000
3.9183	14106	45.4474	26.781	37.00	41.250	2908.015	71.020	-5.206	32.866	5.351	6.473	31.496	33.975	5.5316	0.94186	0.00013	45.4475	250.000
3.9186	14107	45.4475	26.781	37.00	41.250	2908.217	71.024	-5.206	32.866	5.351	6.473	31.496	33.975	5.5316	0.94177	0.00013	45.4476	250.000
3.9189	14108	45.4476	26.781	37.00	41.250	2908.419	71.029	-5.206	32.867	5.351	6.473	31.496	33.975	5.5316	0.94169	0.00013	45.4478	250.000
3.9192	14109	45.4478	26.781	37.00	41.250	2908.621	71.034	-5.206	32.868	5.351	6.473	31.496	33.975	5.5316	0.94160	0.00013	45.4479	250.000
3.9194	14110	45.4479	26.781	37.00	41.250	2908.823	71.039	-5.206	32.868	5.351	6.473	31.496	33.975	5.5316	0.94152	0.00013	45.4480	250.000
3.9197	14111	45.4480	26.781	37.00	41.250	2909.025	71.044	-5.206	32.869	5.351	6.473	31.496	33.975	5.5316	0.94143	0.00013	45.4482	250.000
3.9200	14112	45.4482	26.782	37.00	41.250	2909.227	71.049	-5.206	32.869	5.352	6.473	31.496	33.975	5.5316	0.94135	0.00013	45.4483	250.000
3.9203	14113	45.4483	26.782	37.00	41.250	2909.429	71.054	-5.206	32.870	5.352	6.473	31.496	33.975	5.5316	0.94126	0.00013	45.4484	250.000
3.9206	14114	45.4484	26.782	37.00	41.250	2909.631	71.059	-5.206	32.870	5.352	6.473	31.496	33.975	5.5316	0.94118	0.00013	45.4486	250.000
3.9208	14115	45.4486	26.782	37.00	41.250	2909.833	71.064	-5.206	32.871	5.352	6.473	31.496	33.975	5.5316	0.94109	0.00013	45.4487	250.000
3.9211	14116	45.4487	26.782	37.00	41.250	2910.035	71.069	-5.206	32.871	5.352	6.473	31.496	33.975	5.5316	0.94101	0.00013	45.4488	250.000
3.9214	14117	45.4488	26.782	37.00	41.250	2910.237	71.074	-5.206	32.872	5.352	6.472	31.496	33.975	5.5316	0.94092	0.00013	45.4490	250.000
3.9217	14118	45.4490	26.782	37.00	41.250	2910.439	71.079	-5.206	32.872	5.352	6.472	31.496	33.975	5.5316	0.94084	0.00013	45.4491	250.000
3.9219	14119	45.4491	26.783	37.00	41.250	2910.641	71.084	-5.206	32.873	5.352	6.472	31.496	33.975	5.5316	0.94075	0.00013	45.4493	250.000
3.9222	14120	45.4493	26.783	37.00	41.250	2910.843	71.089	-5.206	32.873	5.352	6.472	31.496	33.975	5.5316	0.94067	0.00013	45.4494	250.000
3.9225	14121	45.4494	26.783	37.00	41.250	2911.045	71.094	-5.206	32.874	5.352	6.472	31.496	33.975	5.5316	0.94058	0.00013	45.4495	250.000
3.9228	14122	45.4495	26.783	37.00	41.250	2911.247	71.099	-5.206	32.874	5.352	6.472	31.496	33.975	5.5316	0.94050	0.00013	45.4497	250.000
3.9231	14123	45.4497	26.783	37.00	41.250	2911.449	71.103	-5.206	32.875	5.352	6.472	31.496	33.975	5.5316	0.94041	0.00013	45.4498	250.000
3.9233	14124	45.4498	26.783	37.00	41.250	2911.651	71.108	-5.206	32.875	5.353	6.472	31.496	33.975	5.5316	0.94033	0.00013	45.4499	250.000
3.9236	14125	45.4499	26.783	37.00	41.250	2911.853	71.113	-5.206	32.876	5.353	6.472	31.496	33.975	5.5316	0.94024	0.00013	45.4501	250.000
3.9239	14126	45.4501	26.783	37.00	41.250	2912.055	71.118	-5.206	32.876	5.353	6.472	31.496	33.975	5.5316	0.94016	0.00013	45.4502	250.000
3.9242	14127	45.4502	26.784	37.00	41.250	2912.257	71.123	-5.206	32.877	5.353	6.472	31.496	33.975	5.5316	0.94007	0.00013	45.4503	250.000
3.9244	14128	45.4503	26.784	37.00	41.250	2912.459	71.128	-5.206	32.877	5.353	6.472	31.496	33.975	5.5316	0.93999	0.00013	45.4505	250.000
3.9247	14129	45.4505	26.784	37.00	41.250	2912.661	71.133	-5.206	32.878	5.353	6.471	31.496	33.975	5.5316	0.93990	0.00013	45.4506	250.000
3.9250	14130	45.4506	26.784	37.00	41.250	2912.864	71.138	-5.206	32.878	5.353	6.471	31.496	33.975	5.5316	0.93982	0.00013	45.4507	250.000
3.9253	14131	45.4507	26.784	37.00	41.250	2913.066	71.143	-5.206	32.879	5.353	6.471	31.496	33.975	5.5316	0.93973	0.00013	45.4509	250.000
3.9256	14132	45.4509	26.784	37.00	41.250	2913.268	71.148	-5.206	32.880	5.353	6.471	31.496	33.975	5.5316	0.93965	0.00013	45.4510	250.000
3.9258	14133	45.4510	26.784	37.00	41.250	2913.470	71.153	-5.206	32.880	5.353	6.471	31.496	33.975	5.5316	0.93956	0.00013	45.4511	250.000
3.9261	14134	45.4511	26.785	37.00	41.250	2913.672	71.158	-5.206	32.881	5.353	6.471	31.496	33.975	5.5316	0.93948	0.00013	45.4513	250.000
3.9264	14135	45.4513	26.785	37.00	41.250	2913.874	71.163	-5.206	32.881	5.353	6.471	31.496	33.975	5.5316	0.93939	0.00013	45.4514	250.000
3.9267	14136	45.4514	26.785	37.00	41.250	2914.076	71.168	-5.206	32.882	5.354	6.471	31.496	33.975	5.5316	0.93931	0.00013	45.4515	250.000
3.9269	14137	45.4515	26.785	37.00	41.250	2914.278	71.173	-5.206	32.882	5.354	6.471	31.496	33.975	5.5316	0.93922	0.00013	45.4517	250.000
3.9272	14138	45.4517	26.785	37.00	41.250	2914.480	71.177	-5.206	32.883	5.354	6.471	31.496	33.975	5.5316	0.93914	0.00013	45.4518	250.000
3.9275	14139	45.4518	26.785	37.00	41.250	2914.682	71.182	-5.206	32.883	5.354	6.471	31.496	33.975	5.5316	0.93905	0.00013	45.4519	250.000
3.9278	14140	45.4519	26.785	37.00	41.250	2914.884	71.187	-5.206	32.884	5.354	6.471	31.496	33.975	5.5316	0.93897	0.00013	45.4521	250.000

3.9281	14141	45.4521	26.785	37.00	41.250	2915.086	71.192	-5.206	32.884	5.354	6.470	31.496	33.975	5.5316	0.93888	0.00013	45.4522	250.000
3.9283	14142	45.4522	26.786	37.00	41.250	2915.288	71.197	-5.206	32.885	5.354	6.470	31.496	33.975	5.5316	0.93880	0.00013	45.4523	250.000
3.9286	14143	45.4523	26.786	37.00	41.250	2915.490	71.202	-5.206	32.885	5.354	6.470	31.496	33.975	5.5316	0.93871	0.00013	45.4525	250.000
3.9289	14144	45.4525	26.786	37.00	41.250	2915.692	71.207	-5.206	32.886	5.354	6.470	31.496	33.975	5.5316	0.93863	0.00013	45.4526	250.000
3.9292	14145	45.4526	26.786	37.00	41.250	2915.894	71.212	-5.206	32.886	5.354	6.470	31.496	33.975	5.5316	0.93854	0.00013	45.4527	250.000
3.9294	14146	45.4527	26.786	37.00	41.250	2916.096	71.217	-5.206	32.887	5.354	6.470	31.496	33.975	5.5316	0.93846	0.00013	45.4529	250.000
3.9297	14147	45.4529	26.786	37.00	41.250	2916.298	71.222	-5.206	32.887	5.355	6.470	31.496	33.975	5.5316	0.93837	0.00013	45.4530	250.000
3.9300	14148	45.4530	26.786	37.00	41.250	2916.500	71.227	-5.206	32.888	5.355	6.470	31.496	33.975	5.5316	0.93829	0.00013	45.4531	250.000
3.9303	14149	45.4531	26.787	37.00	41.250	2916.702	71.232	-5.206	32.888	5.355	6.470	31.496	33.975	5.5316	0.93820	0.00013	45.4533	250.000
3.9306	14150	45.4533	26.787	37.00	41.250	2916.904	71.237	-5.206	32.889	5.355	6.470	31.496	33.975	5.5316	0.93812	0.00013	45.4534	250.000
3.9308	14151	45.4534	26.787	37.00	41.250	2917.106	71.242	-5.206	32.889	5.355	6.470	31.496	33.975	5.5316	0.93803	0.00013	45.4535	250.000
3.9311	14152	45.4535	26.787	37.00	41.250	2917.308	71.247	-5.206	32.890	5.355	6.470	31.496	33.975	5.5316	0.93795	0.00013	45.4537	250.000
3.9314	14153	45.4537	26.787	37.00	41.250	2917.510	71.251	-5.206	32.890	5.355	6.469	31.496	33.975	5.5316	0.93786	0.00013	45.4538	250.000
3.9317	14154	45.4538	26.787	37.00	41.250	2917.712	71.256	-5.206	32.891	5.355	6.469	31.496	33.975	5.5316	0.93778	0.00013	45.4539	250.000
3.9319	14155	45.4539	26.787	37.00	41.250	2917.914	71.261	-5.206	32.892	5.355	6.469	31.496	33.975	5.5316	0.93769	0.00013	45.4541	250.000
3.9322	14156	45.4541	26.787	37.00	41.250	2918.116	71.266	-5.206	32.892	5.355	6.469	31.496	33.975	5.5316	0.93761	0.00013	45.4542	250.000
3.9325	14157	45.4542	26.788	37.00	41.250	2918.318	71.271	-5.206	32.893	5.355	6.469	31.496	33.975	5.5316	0.93752	0.00013	45.4544	250.000
3.9328	14158	45.4544	26.788	37.00	41.250	2918.520	71.276	-5.206	32.893	5.355	6.469	31.496	33.975	5.5316	0.93744	0.00013	45.4545	250.000
3.9331	14159	45.4545	26.788	37.00	41.250	2918.722	71.281	-5.206	32.894	5.356	6.469	31.496	33.975	5.5316	0.93735	0.00013	45.4546	250.000
3.9333	14160	45.4546	26.788	37.00	41.250	2918.924	71.286	-5.206	32.894	5.356	6.469	31.496	33.975	5.5316	0.93727	0.00013	45.4548	250.000
3.9336	14161	45.4548	26.788	37.00	41.250	2919.126	71.291	-5.206	32.895	5.356	6.469	31.496	33.975	5.5316	0.93718	0.00013	45.4549	250.000
3.9339	14162	45.4549	26.788	37.00	41.250	2919.328	71.296	-5.206	32.895	5.356	6.469	31.496	33.975	5.5316	0.93710	0.00013	45.4550	250.000
3.9342	14163	45.4550	26.788	37.00	41.250	2919.531	71.301	-5.206	32.896	5.356	6.469	31.496	33.975	5.5316	0.93701	0.00013	45.4552	250.000
3.9344	14164	45.4552	26.789	37.00	41.250	2919.733	71.306	-5.206	32.896	5.356	6.468	31.496	33.975	5.5316	0.93693	0.00013	45.4553	250.000
3.9347	14165	45.4553	26.789	37.00	41.250	2919.935	71.311	-5.206	32.897	5.356	6.468	31.496	33.975	5.5316	0.93684	0.00013	45.4554	250.000
3.9350	14166	45.4554	26.789	37.00	41.250	2920.137	71.316	-5.206	32.897	5.356	6.468	31.496	33.975	5.5316	0.93676	0.00013	45.4556	250.000
3.9353	14167	45.4556	26.789	37.00	41.250	2920.339	71.321	-5.206	32.898	5.356	6.468	31.496	33.975	5.5316	0.93667	0.00013	45.4557	250.000
3.9356	14168	45.4557	26.789	37.00	41.250	2920.541	71.325	-5.206	32.898	5.356	6.468	31.496	33.975	5.5316	0.93659	0.00013	45.4558	250.000
3.9358	14169	45.4558	26.789	37.00	41.250	2920.743	71.330	-5.206	32.899	5.356	6.468	31.496	33.975	5.5316	0.93650	0.00013	45.4560	250.000
3.9361	14170	45.4560	26.789	37.00	41.250	2920.945	71.335	-5.206	32.899	5.356	6.468	31.496	33.975	5.5316	0.93642	0.00013	45.4561	250.000
3.9364	14171	45.4561	26.789	37.00	41.250	2921.147	71.340	-5.206	32.900	5.357	6.468	31.496	33.975	5.5316	0.93634	0.00013	45.4562	250.000
3.9367	14172	45.4562	26.790	37.00	41.250	2921.349	71.345	-5.206	32.900	5.357	6.468	31.496	33.975	5.5316	0.93625	0.00013	45.4564	250.000
3.9369	14173	45.4564	26.790	37.00	41.250	2921.551	71.350	-5.206	32.901	5.357	6.468	31.496	33.975	5.5316	0.93617	0.00013	45.4565	250.000
3.9372	14174	45.4565	26.790	37.00	41.250	2921.753	71.355	-5.206	32.901	5.357	6.468	31.496	33.975	5.5316	0.93608	0.00013	45.4566	250.000
3.9375	14175	45.4566	26.790	37.00	41.250	2921.955	71.360	-5.206	32.902	5.357	6.468	31.496	33.975	5.5316	0.93600	0.00013	45.4568	250.000
3.9378	14176	45.4568	26.790	37.00	41.250	2922.157	71.365	-5.206	32.902	5.357	6.467	31.496	33.975	5.5316	0.93591	0.00013	45.4569	250.000
3.9381	14177	45.4569	26.790	37.00	41.250	2922.359	71.370	-5.206	32.903	5.357	6.467	31.496	33.975	5.5316	0.93583	0.00013	45.4570	250.000
3.9383	14178	45.4570	26.790	37.00	41.250	2922.561	71.375	-5.206	32.904	5.357	6.467	31.496	33.975	5.5316	0.93574	0.00013	45.4572	250.000
3.9386	14179	45.4572	26.791	37.00	41.250	2922.763	71.380	-5.206	32.904	5.357	6.467	31.496	33.975	5.5316	0.93566	0.00013	45.4573	250.000
3.9389	14180	45.4573	26.791	37.00	41.250	2922.965	71.385	-5.206	32.905	5.357	6.467	31.496	33.975	5.5316	0.93557	0.00013	45.4574	250.000
3.9392	14181	45.4574	26.791	37.00	41.250	2923.167	71.390	-5.206	32.905	5.357	6.467	31.496	33.975	5.5316	0.93549	0.00013	45.4576	250.000
3.9394	14182	45.4576	26.791	37.00	41.250	2923.369	71.395	-5.206	32.906	5.357	6.467	31.496	33.975	5.5316	0.93540	0.00013	45.4577	250.000
3.9397	14183	45.4577	26.791	37.00	41.250	2923.571	71.399	-5.206	32.906	5.358	6.467	31.496	33.975	5.5316	0.93532	0.00013	45.4578	250.000
3.9400	14184	45.4578	26.791	37.00	41.250	2923.773	71.404	-5.206	32.907	5.358	6.467	31.496	33.975	5.5316	0.93523	0.00013	45.4580	250.000
3.9403	14185	45.4580	26.791	37.00	41.250	2923.975	71.409	-5.206	32.907	5.358	6.467	31.496	33.975	5.5316	0.93515	0.00013	45.4581	250.000
3.9406	14186	45.4581	26.791	37.00	41.250	2924.177	71.414	-5.206	32.908	5.358	6.467	31.496	33.975	5.5316	0.93507	0.00013	45.4582	250.000
3.9408	14187	45.4582	26.792	37.00	41.250	2924.379	71.419	-5.206	32.908	5.358	6.467	31.496	33.975	5.5316	0.93498	0.00013	45.4584	250.000
3.9411	14188	45.4584	26.792	37.00	41.250	2924.581	71.424	-5.206	32.909	5.358	6.466	31.496	33.975	5.5316	0.93490	0.00013	45.4585	250.000
3.9414	14189	45.4585	26.792	37.00	41.250	2924.783	71.429	-5.206	32.909	5.358	6.466	31.496	33.975	5.5316	0.93481	0.00013	45.4586	250.000
3.9417	14190	45.4586	26.792	37.00	41.250	2924.985	71.434	-5.206	32.910	5.358	6.466	31.496	33.975	5.5316	0.93473	0.00013	45.4588	250.000
3.9419	14191	45.4588	26.792	37.00	41.250	2925.187	71.439	-5.206	32.910	5.358	6.466	31.496	33.975	5.5316	0.93464	0.00013	45.4589	250.000
3.9422	14192	45.4589	26.792	37.00	41.250	2925.389	71.444	-5.206	32.911	5.358	6.466	31.496	33.975	5.5316	0.93456	0.00013	45.4590	250.000
3.9425	14193	45.4590	26.792	37.00	41.250	2925.591	71.449	-5.206	32.911	5.358	6.466	31.496	33.975	5.5316	0.93447	0.00013	45.4592	250.000
3.9428	14194	45.4592	26.793	37.00	41.250	2925.793	71.454	-5.206	32.912	5.358	6.466	31.496	33.975	5.5316	0.93439	0.00013	45.4593	250.000
3.9431	14195	45.4593	26.793	37.00	41.250	2925.995	71.459	-5.206	32.912	5.359	6.466	31.496	33.975	5.5316	0.93430	0.00013	45.4594	250.000
3.9433	14196	45.4594	26.793	37.00	41.250	2926.197	71.464	-5.206	32.913	5.359	6.466	31.496	33.975	5.5316	0.93422	0.00013	45.4596	250.000
3.9436	14197	45.4596	26.793	37.00	41.250	2926.400	71.469	-5.206	32.913	5.359	6.466	31.496	33.975	5.5316	0.93413	0.00013	45.4597	250.000
3.9439	14198	45.4597	26.793	37.00	41.250	2926.602	71.473	-5.206	32.914	5.359	6.466	31.496	33.975	5.5316	0.93405	0.00013	45.4598	250.000
3.9442	14199	45.4598	26.793	37.00	41.250	2926.804	71.478	-5.206	32.914	5.359	6.466	31.496	33.975	5.5316	0.93397	0.00013	45.4600	250.000
3.9444	14200	45.4600	26.793	37.00	41.250	2927.006	71.483	-5.206	32.915	5.359	6.465	31.496	33.975	5.5316	0.93388	0.00013	45.4601	250.000
3.9447	14201	45.4601	26.793	37.00	41.250	2927.208	71.488	-5.206	32.915	5.359	6.465	31.496	33.975	5.5316	0.93380	0.00013	45.4602	250.000
3.9450	14202	45.4602	26.794	37.00	41.250	2927.410	71.493	-5.206	32.916	5.359	6.465	31.496	33.975	5.5316	0.93371	0.00013	45.4604	250.000
3.9453	14203	45.4604	26.794	37.00	41.250	2927.612	71.498	-5.206	32.917	5.359	6.465	31.496	33.975	5.5316	0.93363	0.00013	45.4605	250.000
3.9456	14204	45.4605	26.794	37.00	41.250	2927.814	71.503	-5.206	32.917	5.359	6.465	31.496	33.975	5.5316	0.93354	0.00013	45.4606	250.000
3.9458	14205	45.4606	26.794	37.00	41.250	2928.016	71.508	-5.206	32.918	5.359	6.465	31.496	33.975	5.5316	0.93346	0.00013	45.4608	250.000
3.9461	14206	45.4608	26.794	37.00	41.250	2928.218	71.513	-5.206	32.918	5.360	6.465	31.496	33.975	5.5316	0.93337	0.00013	45.4609	250.000
3.9464	14207	45.4609	26.794	37.00	41.250	2928.420	71.518	-5.206	32.919	5.360	6.465	31.496	33.975	5.5316	0.93329	0.00013	45.4610	250.000
3.9467	14208	45.4610	26.794	37.00	41.250	2928.622	71.523	-5.206	32.919	5.360	6.465	31.496	33.975	5.5316	0.93321	0.00013	45.4612	250.000
3.9469	14209	45.4612	26.795	37.00	41.250	2928.824	71.528	-5.206	32.920	5.360	6.465	31.496	33.975	5.5316	0.93312	0.00013	45.4613	250.000
3.9472	14210	45.4613	26.795	37.00	41.250	2929.026	71.533	-5.206	32.920	5.360	6.465	31.496	33.975	5.5316	0.93304	0.00013	45.4614	250.000
3.9475	14211	45.4614	26.795	37.00	41.250	2929.228	71.538	-5.206	32.921	5.360	6.465	31.496	33.975	5.5316	0.93295	0.00013	45.4616	250.000
3.9478	14212	45.4616	26.795	37.00	41.250	2929.430	71.543	-5.206	32.921	5.360	6.464	31.496	33.975	5.5316	0.93287	0.00013	45.4617	250.000
3.9481	14213	45.4617	26.795	37.00	41.250	2929.632	71.547	-5.206	32.922	5.360	6.464	31.496	33.975	5.5316	0.93278	0.00013	45.4618	250.000
3.9483	14214	45.4618	26.795	37.00	41.250	2929.834	71.552	-5.206	32.922	5.360	6.464	31.496	33.975	5.5316	0.93270	0.00013	45.4620	250.000
3.9486	14215	45.4620	26.795	37.00	41.250	2930.036	71.557	-5.206	32.923	5.360	6.464	31.496	33.975	5.5316	0.93261	0.00013	45.4621	250.000
3.9489	14216	45.4621	26.795	37.00	41.250	2930.238	71.562	-5.206	32.923	5.360	6.464	31.496	33.975	5.5316	0.93253	0.00013	45.4622	250.000
3.9492	14217	45.4622	26.796	37.00	41.250	2930.440	71.567	-5.206	32.924	5.360	6.464	31.496	33.975	5.5316	0.93245	0.00013	45.4624	250.000
3.9494	14218	45.4624	26.796	37.00	41.250	2930.642	71.572	-5.206	32.924	5.361	6.464	31.496	33.975	5.5316	0.93236	0.00013	45.4625	250.000
3.9497	14219	45.4625	26.796	37.00	41.250	2930.844	71.577	-5.206	32.925	5.361	6.464	31.496	33.975	5.5316	0.93228	0.00013	45.4626	250.000
3.9500	14220	45.4626	26.796	37.00	41.250	2931.046	71.582	-5.206	32.925	5.361	6.464	31.496	33.975	5.5316	0.93219	0.00013	45.4628	250.000
3.9503	14221	45.4628	26.796	37.00	41.250	2931.248	71.587	-5.206	32.926	5.361	6.464	31.496	33.975	5.5316	0.93211	0.00013	45.4629	250.000

3.9506	14222	45.4629	26.796	37.00	41.250	2931.450	71.592	-5.206	32.926	5.361	6.464	31.496	33.975	5.5316	0.93202	0.00013	45.4630	250.000
3.9508	14223	45.4630	26.796	37.00	41.250	2931.652	71.597	-5.206	32.927	5.361	6.463	31.496	33.975	5.5316	0.93194	0.00013	45.4632	250.000
3.9511	14224	45.4632	26.797	37.00	41.250	2931.854	71.602	-5.206	32.927	5.361	6.463	31.496	33.975	5.5316	0.93186	0.00013	45.4633	250.000
3.9514	14225	45.4633	26.797	37.00	41.250	2932.056	71.607	-5.206	32.928	5.361	6.463	31.496	33.975	5.5316	0.93177	0.00013	45.4634	250.000
3.9517	14226	45.4634	26.797	37.00	41.250	2932.258	71.612	-5.206	32.928	5.361	6.463	31.496	33.975	5.5316	0.93169	0.00013	45.4636	250.000
3.9519	14227	45.4636	26.797	37.00	41.250	2932.460	71.617	-5.206	32.929	5.361	6.463	31.496	33.975	5.5316	0.93160	0.00013	45.4637	250.000
3.9522	14228	45.4637	26.797	37.00	41.250	2932.662	71.622	-5.206	32.929	5.361	6.463	31.496	33.975	5.5316	0.93152	0.00013	45.4638	250.000
3.9525	14229	45.4638	26.797	37.00	41.250	2932.864	71.626	-5.206	32.930	5.361	6.463	31.496	33.975	5.5316	0.93143	0.00013	45.4640	250.000
3.9528	14230	45.4640	26.797	37.00	41.250	2933.067	71.631	-5.206	32.930	5.362	6.463	31.496	33.975	5.5316	0.93135	0.00013	45.4641	250.000
3.9531	14231	45.4641	26.797	37.00	41.250	2933.269	71.636	-5.206	32.931	5.362	6.463	31.496	33.975	5.5316	0.93127	0.00013	45.4642	250.000
3.9533	14232	45.4642	26.798	37.00	41.250	2933.471	71.641	-5.206	32.932	5.362	6.463	31.496	33.975	5.5316	0.93118	0.00013	45.4644	250.000
3.9536	14233	45.4644	26.798	37.00	41.250	2933.673	71.646	-5.206	32.932	5.362	6.463	31.496	33.975	5.5316	0.93110	0.00013	45.4645	250.000
3.9539	14234	45.4645	26.798	37.00	41.250	2933.875	71.651	-5.206	32.933	5.362	6.463	31.496	33.975	5.5316	0.93101	0.00013	45.4646	250.000
3.9542	14235	45.4646	26.798	37.00	41.250	2934.077	71.656	-5.206	32.933	5.362	6.462	31.496	33.975	5.5316	0.93093	0.00013	45.4648	250.000
3.9544	14236	45.4648	26.798	37.00	41.250	2934.279	71.661	-5.206	32.934	5.362	6.462	31.496	33.975	5.5316	0.93084	0.00013	45.4649	250.000
3.9547	14237	45.4649	26.798	37.00	41.250	2934.481	71.666	-5.206	32.934	5.362	6.462	31.496	33.975	5.5316	0.93076	0.00013	45.4650	250.000
3.9550	14238	45.4650	26.798	37.00	41.250	2934.683	71.671	-5.206	32.935	5.362	6.462	31.496	33.975	5.5316	0.93068	0.00013	45.4652	250.000
3.9553	14239	45.4652	26.799	37.00	41.250	2934.885	71.676	-5.206	32.935	5.362	6.462	31.496	33.975	5.5316	0.93059	0.00013	45.4653	250.000
3.9556	14240	45.4653	26.799	37.00	41.250	2935.087	71.681	-5.206	32.936	5.362	6.462	31.496	33.975	5.5316	0.93051	0.00013	45.4654	250.000
3.9558	14241	45.4654	26.799	37.00	41.250	2935.289	71.686	-5.206	32.936	5.362	6.462	31.496	33.975	5.5316	0.93042	0.00013	45.4656	250.000
3.9561	14242	45.4656	26.799	37.00	41.250	2935.491	71.691	-5.206	32.937	5.363	6.462	31.496	33.975	5.5316	0.93034	0.00013	45.4657	250.000
3.9564	14243	45.4657	26.799	37.00	41.250	2935.693	71.696	-5.206	32.937	5.363	6.462	31.496	33.975	5.5316	0.93025	0.00013	45.4658	250.000
3.9567	14244	45.4658	26.799	37.00	41.250	2935.895	71.700	-5.206	32.938	5.363	6.462	31.496	33.975	5.5316	0.93017	0.00013	45.4660	250.000
3.9569	14245	45.4660	26.799	37.00	41.250	2936.097	71.705	-5.206	32.938	5.363	6.462	31.496	33.975	5.5316	0.93009	0.00013	45.4661	250.000
3.9572	14246	45.4661	26.799	37.00	41.250	2936.299	71.710	-5.206	32.939	5.363	6.462	31.496	33.975	5.5316	0.93000	0.00013	45.4662	250.000
3.9575	14247	45.4662	26.800	37.00	41.250	2936.501	71.715	-5.206	32.939	5.363	6.461	31.496	33.975	5.5316	0.92992	0.00013	45.4664	250.000
3.9578	14248	45.4664	26.800	37.00	41.250	2936.703	71.720	-5.206	32.940	5.363	6.461	31.496	33.975	5.5316	0.92983	0.00013	45.4665	250.000
3.9581	14249	45.4665	26.800	37.00	41.250	2936.905	71.725	-5.206	32.940	5.363	6.461	31.496	33.975	5.5316	0.92975	0.00013	45.4666	250.000
3.9583	14250	45.4666	26.800	37.00	41.250	2937.107	71.730	-5.206	32.941	5.363	6.461	31.496	33.975	5.5316	0.92967	0.00013	45.4668	250.000
3.9586	14251	45.4668	26.800	37.00	41.250	2937.309	71.735	-5.206	32.941	5.363	6.461	31.496	33.975	5.5316	0.92958	0.00013	45.4669	250.000
3.9589	14252	45.4669	26.800	37.00	41.250	2937.511	71.740	-5.206	32.942	5.363	6.461	31.496	33.975	5.5316	0.92950	0.00013	45.4670	250.000
3.9592	14253	45.4670	26.800	37.00	41.250	2937.713	71.745	-5.206	32.942	5.363	6.461	31.496	33.975	5.5316	0.92941	0.00013	45.4672	250.000
3.9594	14254	45.4672	26.801	37.00	41.250	2937.915	71.750	-5.206	32.943	5.364	6.461	31.496	33.975	5.5316	0.92933	0.00013	45.4673	250.000
3.9597	14255	45.4673	26.801	37.00	41.250	2938.117	71.755	-5.206	32.943	5.364	6.461	31.496	33.975	5.5316	0.92924	0.00013	45.4674	250.000
3.9600	14256	45.4674	26.801	37.00	41.250	2938.319	71.760	-5.206	32.944	5.364	6.461	31.496	33.975	5.5316	0.92916	0.00013	45.4676	250.000
3.9603	14257	45.4676	26.801	37.00	41.250	2938.521	71.765	-5.206	32.944	5.364	6.461	31.496	33.975	5.5316	0.92908	0.00013	45.4677	250.000
3.9606	14258	45.4677	26.801	37.00	41.250	2938.723	71.770	-5.206	32.945	5.364	6.461	31.496	33.975	5.5316	0.92899	0.00013	45.4678	250.000
3.9608	14259	45.4678	26.801	37.00	41.250	2938.925	71.774	-5.206	32.945	5.364	6.460	31.496	33.975	5.5316	0.92891	0.00013	45.4679	250.000
3.9611	14260	45.4679	26.801	37.00	41.250	2939.127	71.779	-5.206	32.946	5.364	6.460	31.496	33.975	5.5316	0.92882	0.00013	45.4681	250.000
3.9614	14261	45.4681	26.801	37.00	41.250	2939.329	71.784	-5.206	32.947	5.364	6.460	31.496	33.975	5.5316	0.92874	0.00013	45.4682	250.000
3.9617	14262	45.4682	26.802	37.00	41.250	2939.531	71.789	-5.206	32.947	5.364	6.460	31.496	33.975	5.5316	0.92866	0.00013	45.4683	250.000
3.9619	14263	45.4683	26.802	37.00	41.250	2939.733	71.794	-5.206	32.948	5.364	6.460	31.496	33.975	5.5316	0.92857	0.00013	45.4685	250.000
3.9622	14264	45.4685	26.802	37.00	41.250	2939.936	71.799	-5.206	32.948	5.364	6.460	31.496	33.975	5.5316	0.92849	0.00013	45.4686	250.000
3.9625	14265	45.4686	26.802	37.00	41.250	2940.138	71.804	-5.206	32.949	5.364	6.460	31.496	33.975	5.5316	0.92840	0.00013	45.4687	250.000
3.9628	14266	45.4687	26.802	37.00	41.250	2940.340	71.809	-5.206	32.949	5.365	6.460	31.496	33.975	5.5316	0.92832	0.00013	45.4689	250.000
3.9631	14267	45.4689	26.802	37.00	41.250	2940.542	71.814	-5.206	32.950	5.365	6.460	31.496	33.975	5.5316	0.92824	0.00013	45.4690	250.000
3.9633	14268	45.4690	26.802	37.00	41.250	2940.744	71.819	-5.206	32.950	5.365	6.460	31.496	33.975	5.5316	0.92815	0.00013	45.4691	250.000
3.9636	14269	45.4691	26.803	37.00	41.250	2940.946	71.824	-5.206	32.951	5.365	6.460	31.496	33.975	5.5316	0.92807	0.00013	45.4693	250.000
3.9639	14270	45.4693	26.803	37.00	41.250	2941.148	71.829	-5.206	32.951	5.365	6.460	31.496	33.975	5.5316	0.92798	0.00013	45.4694	250.000
3.9642	14271	45.4694	26.803	37.00	41.250	2941.350	71.834	-5.206	32.952	5.365	6.459	31.496	33.975	5.5316	0.92790	0.00013	45.4695	250.000
3.9644	14272	45.4695	26.803	37.00	41.250	2941.552	71.839	-5.206	32.952	5.365	6.459	31.496	33.975	5.5316	0.92782	0.00013	45.4697	250.000
3.9647	14273	45.4697	26.803	37.00	41.250	2941.754	71.844	-5.206	32.953	5.365	6.459	31.496	33.975	5.5316	0.92773	0.00013	45.4698	250.000
3.9650	14274	45.4698	26.803	37.00	41.250	2941.956	71.848	-5.206	32.953	5.365	6.459	31.496	33.975	5.5316	0.92765	0.00013	45.4699	250.000
3.9653	14275	45.4699	26.803	37.00	41.250	2942.158	71.853	-5.206	32.954	5.365	6.459	31.496	33.975	5.5316	0.92756	0.00013	45.4701	250.000
3.9656	14276	45.4701	26.803	37.00	41.250	2942.360	71.858	-5.206	32.954	5.365	6.459	31.496	33.975	5.5316	0.92748	0.00013	45.4702	250.000
3.9658	14277	45.4702	26.804	37.00	41.250	2942.562	71.863	-5.206	32.955	5.365	6.459	31.496	33.975	5.5316	0.92740	0.00013	45.4703	250.000
3.9661	14278	45.4703	26.804	37.00	41.250	2942.764	71.868	-5.206	32.955	5.366	6.459	31.496	33.975	5.5316	0.92731	0.00013	45.4705	250.000
3.9664	14279	45.4705	26.804	37.00	41.250	2942.966	71.873	-5.206	32.956	5.366	6.459	31.496	33.975	5.5316	0.92723	0.00013	45.4706	250.000
3.9667	14280	45.4706	26.804	37.00	41.250	2943.168	71.878	-5.206	32.956	5.366	6.459	31.496	33.975	5.5316	0.92714	0.00013	45.4707	250.000
3.9669	14281	45.4707	26.804	37.00	41.250	2943.370	71.883	-5.206	32.957	5.366	6.459	31.496	33.975	5.5316	0.92706	0.00013	45.4709	250.000
3.9672	14282	45.4709	26.804	37.00	41.250	2943.572	71.888	-5.206	32.957	5.366	6.459	31.496	33.975	5.5316	0.92698	0.00013	45.4710	250.000
3.9675	14283	45.4710	26.804	37.00	41.250	2943.774	71.893	-5.206	32.958	5.366	6.458	31.496	33.975	5.5316	0.92689	0.00013	45.4711	250.000
3.9678	14284	45.4711	26.805	37.00	41.250	2943.976	71.898	-5.206	32.958	5.366	6.458	31.496	33.975	5.5316	0.92681	0.00013	45.4713	250.000
3.9681	14285	45.4713	26.805	37.00	41.250	2944.178	71.903	-5.206	32.959	5.366	6.458	31.496	33.975	5.5316	0.92673	0.00013	45.4714	250.000
3.9683	14286	45.4714	26.805	37.00	41.250	2944.380	71.908	-5.206	32.959	5.366	6.458	31.496	33.975	5.5316	0.92664	0.00013	45.4715	250.000
3.9686	14287	45.4715	26.805	37.00	41.250	2944.582	71.913	-5.206	32.960	5.366	6.458	31.496	33.975	5.5316	0.92656	0.00013	45.4717	250.000
3.9689	14288	45.4717	26.805	37.00	41.250	2944.784	71.918	-5.206	32.960	5.366	6.458	31.496	33.975	5.5316	0.92647	0.00013	45.4718	250.000
3.9692	14289	45.4718	26.805	37.00	41.250	2944.986	71.922	-5.206	32.961	5.366	6.458	31.496	33.975	5.5316	0.92639	0.00013	45.4719	250.000
3.9694	14290	45.4719	26.805	37.00	41.250	2945.188	71.927	-5.206	32.961	5.367	6.458	31.496	33.975	5.5316	0.92631	0.00013	45.4721	250.000
3.9697	14291	45.4721	26.805	37.00	41.250	2945.390	71.932	-5.206	32.962	5.367	6.458	31.496	33.975	5.5316	0.92622	0.00013	45.4722	250.000
3.9700	14292	45.4722	26.806	37.00	41.250	2945.592	71.937	-5.206	32.963	5.367	6.458	31.496	33.975	5.5316	0.92614	0.00013	45.4723	250.000
3.9703	14293	45.4723	26.806	37.00	41.250	2945.794	71.942	-5.206	32.963	5.367	6.458	31.496	33.975	5.5316	0.92605	0.00013	45.4725	250.000
3.9706	14294	45.4725	26.806	37.00	41.250	2945.996	71.947	-5.206	32.964	5.367	6.458	31.496	33.975	5.5316	0.92597	0.00013	45.4726	250.000
3.9708	14295	45.4726	26.806	37.00	41.250	2946.198	71.952	-5.206	32.964	5.367	6.457	31.496	33.975	5.5316	0.92589	0.00013	45.4727	250.000
3.9711	14296	45.4727	26.806	37.00	41.250	2946.400	71.957	-5.206	32.965	5.367	6.457	31.496	33.975	5.5316	0.92580	0.00013	45.4729	250.000
3.9714	14297	45.4729	26.806	37.00	41.250	2946.603	71.962	-5.206	32.965	5.367	6.457	31.496	33.975	5.5316	0.92572	0.00013	45.4730	250.000
3.9717	14298	45.4730	26.806	37.00	41.250	2946.805	71.967	-5.206	32.966	5.367	6.457	31.496	33.975	5.5316	0.92564	0.00013	45.4731	250.000
3.9719	14299	45.4731	26.807	37.00	41.250	2947.007	71.972	-5.206	32.966	5.367	6.457	31.496	33.975	5.5316	0.92555	0.00013	45.4732	250.000
3.9722	14300	45.4732	26.807	37.00	41.250	2947.209	71.977	-5.206	32.967	5.367	6.457	31.496	33.975	5.5316	0.92547	0.00013	45.4734	250.000
3.9725	14301	45.4734	26.807	37.00	41.250	2947.411	71.982	-5.206	32.967	5.367	6.457	31.496	33.975	5.5316	0.92538	0.00013	45.4735	250.000
3.9728	14302	45.4735	26.807	37.00	41.250	2947.613	71.987	-5.206	32.968	5.368	6.457	31.496	33.975	5.5316	0.92530	0.00013	45.4736	250.000

3.9731	14303	45.4736	26.807	37.00	41.250	2947.815	71.992	-5.206	32.968	5.368	6.457	31.496	33.975	5.5316	0.92522	0.00013	45.4738	250.000
3.9733	14304	45.4738	26.807	37.00	41.250	2948.017	71.996	-5.206	32.969	5.368	6.457	31.496	33.975	5.5316	0.92513	0.00013	45.4739	250.000
3.9736	14305	45.4739	26.807	37.00	41.250	2948.219	72.001	-5.206	32.969	5.368	6.457	31.496	33.975	5.5316	0.92505	0.00013	45.4740	250.000
3.9739	14306	45.4740	26.807	37.00	41.250	2948.421	72.006	-5.206	32.970	5.368	6.457	31.496	33.975	5.5316	0.92497	0.00013	45.4742	250.000
3.9742	14307	45.4742	26.808	37.00	41.250	2948.623	72.011	-5.206	32.970	5.368	6.456	31.496	33.975	5.5316	0.92488	0.00013	45.4743	250.000
3.9744	14308	45.4743	26.808	37.00	41.250	2948.825	72.016	-5.206	32.971	5.368	6.456	31.496	33.975	5.5316	0.92480	0.00013	45.4744	250.000
3.9747	14309	45.4744	26.808	37.00	41.250	2949.027	72.021	-5.206	32.971	5.368	6.456	31.496	33.975	5.5316	0.92471	0.00013	45.4746	250.000
3.9750	14310	45.4746	26.808	37.00	41.250	2949.229	72.026	-5.206	32.972	5.368	6.456	31.496	33.975	5.5316	0.92463	0.00013	45.4747	250.000
3.9753	14311	45.4747	26.808	37.00	41.250	2949.431	72.031	-5.206	32.972	5.368	6.456	31.496	33.975	5.5316	0.92455	0.00013	45.4748	250.000
3.9756	14312	45.4748	26.808	37.00	41.250	2949.633	72.036	-5.206	32.973	5.368	6.456	31.496	33.975	5.5316	0.92446	0.00013	45.4750	250.000
3.9758	14313	45.4750	26.808	37.00	41.250	2949.835	72.041	-5.206	32.973	5.368	6.456	31.496	33.975	5.5316	0.92438	0.00013	45.4751	250.000
3.9761	14314	45.4751	26.808	37.00	41.250	2950.037	72.046	-5.206	32.974	5.369	6.456	31.496	33.975	5.5316	0.92430	0.00013	45.4752	250.000
3.9764	14315	45.4752	26.809	37.00	41.250	2950.239	72.051	-5.206	32.974	5.369	6.456	31.496	33.975	5.5316	0.92421	0.00013	45.4754	250.000
3.9767	14316	45.4754	26.809	37.00	41.250	2950.441	72.056	-5.206	32.975	5.369	6.456	31.496	33.975	5.5316	0.92413	0.00013	45.4755	250.000
3.9769	14317	45.4755	26.809	37.00	41.250	2950.643	72.061	-5.206	32.975	5.369	6.456	31.496	33.975	5.5316	0.92405	0.00013	45.4756	250.000
3.9772	14318	45.4756	26.809	37.00	41.250	2950.845	72.066	-5.206	32.976	5.369	6.456	31.496	33.975	5.5316	0.92396	0.00013	45.4758	250.000
3.9775	14319	45.4758	26.809	37.00	41.250	2951.047	72.070	-5.206	32.976	5.369	6.455	31.496	33.975	5.5316	0.92388	0.00013	45.4759	250.000
3.9778	14320	45.4759	26.809	37.00	41.250	2951.249	72.075	-5.206	32.977	5.369	6.455	31.496	33.975	5.5316	0.92379	0.00013	45.4760	250.000
3.9781	14321	45.4760	26.809	37.00	41.250	2951.451	72.080	-5.206	32.977	5.369	6.455	31.496	33.975	5.5316	0.92371	0.00013	45.4762	250.000
3.9783	14322	45.4762	26.810	37.00	41.250	2951.653	72.085	-5.206	32.978	5.369	6.455	31.496	33.975	5.5316	0.92363	0.00013	45.4763	250.000
3.9786	14323	45.4763	26.810	37.00	41.250	2951.855	72.090	-5.206	32.978	5.369	6.455	31.496	33.975	5.5316	0.92354	0.00013	45.4764	250.000
3.9789	14324	45.4764	26.810	37.00	41.250	2952.057	72.095	-5.206	32.979	5.369	6.455	31.496	33.975	5.5316	0.92346	0.00013	45.4765	250.000
3.9792	14325	45.4765	26.810	37.00	41.250	2952.259	72.100	-5.206	32.979	5.369	6.455	31.496	33.975	5.5316	0.92338	0.00013	45.4767	250.000
3.9794	14326	45.4767	26.810	37.00	41.250	2952.461	72.105	-5.206	32.980	5.370	6.455	31.496	33.975	5.5316	0.92329	0.00013	45.4768	250.000
3.9797	14327	45.4768	26.810	37.00	41.250	2952.663	72.110	-5.206	32.980	5.370	6.455	31.496	33.975	5.5316	0.92321	0.00013	45.4769	250.000
3.9800	14328	45.4769	26.810	37.00	41.250	2952.865	72.115	-5.206	32.981	5.370	6.455	31.496	33.975	5.5316	0.92313	0.00013	45.4771	250.000
3.9803	14329	45.4771	26.810	37.00	41.250	2953.067	72.120	-5.206	32.982	5.370	6.455	31.496	33.975	5.5316	0.92304	0.00013	45.4772	250.000
3.9806	14330	45.4772	26.811	37.00	41.250	2953.270	72.125	-5.206	32.982	5.370	6.455	31.496	33.975	5.5316	0.92296	0.00013	45.4773	250.000
3.9808	14331	45.4773	26.811	37.00	41.250	2953.472	72.130	-5.206	32.983	5.370	6.454	31.496	33.975	5.5316	0.92288	0.00013	45.4775	250.000
3.9811	14332	45.4775	26.811	37.00	41.250	2953.674	72.135	-5.206	32.983	5.370	6.454	31.496	33.975	5.5316	0.92279	0.00013	45.4776	250.000
3.9814	14333	45.4776	26.811	37.00	41.250	2953.876	72.140	-5.206	32.984	5.370	6.454	31.496	33.975	5.5316	0.92271	0.00013	45.4777	250.000
3.9817	14334	45.4777	26.811	37.00	41.250	2954.078	72.145	-5.206	32.984	5.370	6.454	31.496	33.975	5.5316	0.92262	0.00013	45.4779	250.000
3.9819	14335	45.4779	26.811	37.00	41.250	2954.280	72.149	-5.206	32.985	5.370	6.454	31.496	33.975	5.5316	0.92254	0.00013	45.4780	250.000
3.9822	14336	45.4780	26.811	37.00	41.250	2954.482	72.154	-5.206	32.985	5.370	6.454	31.496	33.975	5.5316	0.92246	0.00013	45.4781	250.000
3.9825	14337	45.4781	26.812	37.00	41.250	2954.684	72.159	-5.206	32.986	5.371	6.454	31.496	33.975	5.5316	0.92237	0.00013	45.4783	250.000
3.9828	14338	45.4783	26.812	37.00	41.250	2954.886	72.164	-5.206	32.986	5.371	6.454	31.496	33.975	5.5316	0.92229	0.00013	45.4784	250.000
3.9831	14339	45.4784	26.812	37.00	41.250	2955.088	72.169	-5.206	32.987	5.371	6.454	31.496	33.975	5.5316	0.92221	0.00013	45.4785	250.000
3.9833	14340	45.4785	26.812	37.00	41.250	2955.290	72.174	-5.206	32.987	5.371	6.454	31.496	33.975	5.5316	0.92212	0.00013	45.4787	250.000
3.9836	14341	45.4787	26.812	37.00	41.250	2955.492	72.179	-5.206	32.988	5.371	6.454	31.496	33.975	5.5316	0.92204	0.00013	45.4788	250.000
3.9839	14342	45.4788	26.812	37.00	41.250	2955.694	72.184	-5.206	32.988	5.371	6.454	31.496	33.975	5.5316	0.92196	0.00013	45.4789	250.000
3.9842	14343	45.4789	26.812	37.00	41.250	2955.896	72.189	-5.206	32.989	5.371	6.453	31.496	33.975	5.5316	0.92187	0.00013	45.4791	250.000
3.9844	14344	45.4791	26.812	37.00	41.250	2956.098	72.194	-5.206	32.989	5.371	6.453	31.496	33.975	5.5316	0.92179	0.00013	45.4792	250.000
3.9847	14345	45.4792	26.813	37.00	41.250	2956.300	72.199	-5.206	32.990	5.371	6.453	31.496	33.975	5.5316	0.92171	0.00013	45.4793	250.000
3.9850	14346	45.4793	26.813	37.00	41.250	2956.502	72.204	-5.206	32.990	5.371	6.453	31.496	33.975	5.5316	0.92162	0.00013	45.4794	250.000
3.9853	14347	45.4794	26.813	37.00	41.250	2956.704	72.209	-5.206	32.991	5.371	6.453	31.496	33.975	5.5316	0.92154	0.00013	45.4796	250.000
3.9856	14348	45.4796	26.813	37.00	41.250	2956.906	72.214	-5.206	32.991	5.371	6.453	31.496	33.975	5.5316	0.92146	0.00013	45.4797	250.000
3.9858	14349	45.4797	26.813	37.00	41.250	2957.108	72.219	-5.206	32.992	5.372	6.453	31.496	33.975	5.5316	0.92137	0.00013	45.4798	250.000
3.9861	14350	45.4798	26.813	37.00	41.250	2957.310	72.223	-5.206	32.992	5.372	6.453	31.496	33.975	5.5316	0.92129	0.00013	45.4800	250.000
3.9864	14351	45.4800	26.813	37.00	41.250	2957.512	72.228	-5.206	32.993	5.372	6.453	31.496	33.975	5.5316	0.92121	0.00013	45.4801	250.000
3.9867	14352	45.4801	26.813	37.00	41.250	2957.714	72.233	-5.206	32.993	5.372	6.453	31.496	33.975	5.5316	0.92112	0.00013	45.4802	250.000
3.9869	14353	45.4802	26.814	37.00	41.250	2957.916	72.238	-5.206	32.994	5.372	6.453	31.496	33.975	5.5316	0.92104	0.00013	45.4804	250.000
3.9872	14354	45.4804	26.814	37.00	41.250	2958.118	72.243	-5.206	32.994	5.372	6.453	31.496	33.975	5.5316	0.92096	0.00013	45.4805	250.000
3.9875	14355	45.4805	26.814	37.00	41.250	2958.320	72.248	-5.206	32.995	5.372	6.452	31.496	33.975	5.5316	0.92087	0.00013	45.4806	250.000
3.9878	14356	45.4806	26.814	37.00	41.250	2958.522	72.253	-5.206	32.995	5.372	6.452	31.496	33.975	5.5316	0.92079	0.00013	45.4808	250.000
3.9881	14357	45.4808	26.814	37.00	41.250	2958.724	72.258	-5.206	32.996	5.372	6.452	31.496	33.975	5.5316	0.92071	0.00013	45.4809	250.000
3.9883	14358	45.4809	26.814	37.00	41.250	2958.926	72.263	-5.206	32.996	5.372	6.452	31.496	33.975	5.5316	0.92062	0.00013	45.4810	250.000
3.9886	14359	45.4810	26.814	37.00	41.250	2959.128	72.268	-5.206	32.997	5.372	6.452	31.496	33.975	5.5316	0.92054	0.00013	45.4812	250.000
3.9889	14360	45.4812	26.815	37.00	41.250	2959.330	72.273	-5.206	32.997	5.372	6.452	31.496	33.975	5.5316	0.92046	0.00013	45.4813	250.000
3.9892	14361	45.4813	26.815	37.00	41.250	2959.532	72.278	-5.206	32.998	5.373	6.452	31.496	33.975	5.5316	0.92037	0.00013	45.4814	250.000
3.9894	14362	45.4814	26.815	37.00	41.250	2959.734	72.283	-5.206	32.998	5.373	6.452	31.496	33.975	5.5316	0.92029	0.00013	45.4816	250.000
3.9897	14363	45.4816	26.815	37.00	41.250	2959.936	72.288	-5.206	32.999	5.373	6.452	31.496	33.975	5.5316	0.92021	0.00013	45.4817	250.000
3.9900	14364	45.4817	26.815	37.00	41.250	2960.139	72.293	-5.206	32.999	5.373	6.452	31.496	33.975	5.5316	0.92012	0.00013	45.4818	250.000
3.9903	14365	45.4818	26.815	37.00	41.250	2960.341	72.297	-5.206	33.000	5.373	6.452	31.496	33.975	5.5316	0.92004	0.00013	45.4819	250.000
3.9906	14366	45.4819	26.815	37.00	41.250	2960.543	72.302	-5.206	33.000	5.373	6.452	31.496	33.975	5.5316	0.91996	0.00013	45.4821	250.000
3.9908	14367	45.4821	26.815	37.00	41.250	2960.745	72.307	-5.206	33.001	5.373	6.451	31.496	33.975	5.5316	0.91987	0.00013	45.4822	250.000
3.9911	14368	45.4822	26.816	37.00	41.250	2960.947	72.312	-5.206	33.001	5.373	6.451	31.496	33.975	5.5316	0.91979	0.00013	45.4823	250.000
3.9914	14369	45.4823	26.816	37.00	41.250	2961.149	72.317	-5.206	33.002	5.373	6.451	31.496	33.975	5.5316	0.91971	0.00013	45.4825	250.000
3.9917	14370	45.4825	26.816	37.00	41.250	2961.351	72.322	-5.206	33.003	5.373	6.451	31.496	33.975	5.5316	0.91962	0.00013	45.4826	250.000
3.9919	14371	45.4826	26.816	37.00	41.250	2961.553	72.327	-5.206	33.003	5.373	6.451	31.496	33.975	5.5316	0.91954	0.00013	45.4827	250.000
3.9922	14372	45.4827	26.816	37.00	41.250	2961.755	72.332	-5.206	33.004	5.373	6.451	31.496	33.975	5.5316	0.91946	0.00013	45.4829	250.000
3.9925	14373	45.4829	26.816	37.00	41.250	2961.957	72.337	-5.206	33.004	5.374	6.451	31.496	33.975	5.5316	0.91937	0.00013	45.4830	250.000
3.9928	14374	45.4830	26.816	37.00	41.250	2962.159	72.342	-5.206	33.005	5.374	6.451	31.496	33.975	5.5316	0.91929	0.00013	45.4831	250.000
3.9931	14375	45.4831	26.817	37.00	41.250	2962.361	72.347	-5.206	33.005	5.374	6.451	31.496	33.975	5.5316	0.91921	0.00013	45.4833	250.000
3.9933	14376	45.4833	26.817	37.00	41.250	2962.563	72.352	-5.206	33.006	5.374	6.451	31.496	33.975	5.5316	0.91912	0.00013	45.4834	250.000
3.9936	14377	45.4834	26.817	37.00	41.250	2962.765	72.357	-5.206	33.006	5.374	6.451	31.496	33.975	5.5316	0.91904	0.00013	45.4835	250.000
3.9939	14378	45.4835	26.817	37.00	41.250	2962.967	72.362	-5.206	33.007	5.374	6.451	31.496	33.975	5.5316	0.91896	0.00013	45.4837	250.000
3.9942	14379	45.4837	26.817	37.00	41.250	2963.169	72.367	-5.206	33.007	5.374	6.450	31.496	33.975	5.5316	0.91888	0.00013	45.4838	250.000
3.9944	14380	45.4838	26.817	37.00	41.250	2963.371	72.371	-5.206	33.008	5.374	6.450	31.496	33.975	5.5316	0.91879	0.00013	45.4839	250.000
3.9947	14381	45.4839	26.817	37.00	41.250	2963.573	72.376	-5.206	33.008	5.374	6.450	31.496	33.975	5.5316	0.91871	0.00013	45.4840	250.000
3.9950	14382	45.4840	26.817	37.00	41.250	2963.775	72.381	-5.206	33.009	5.374	6.450	31.496	33.975	5.5316	0.91863	0.00013	45.4842	250.000
3.9953	14383	45.4842	26.818	37.00	41.250	2963.977	72.386	-5.206	33.009	5.374	6.450	31.496	33.975	5.5316	0.91854	0.00013	45.4843	250.000

3.9956	14384	45.4843	26.818	37.00	41.250	2964.179	72.391	-5.206	33.010	5.374	6.450	31.496	33.975	5.5316	0.91846	0.00013	45.4844	250.000
3.9958	14385	45.4844	26.818	37.00	41.250	2964.381	72.396	-5.206	33.010	5.374	6.450	31.496	33.975	5.5316	0.91838	0.00013	45.4846	250.000
3.9961	14386	45.4846	26.818	37.00	41.250	2964.583	72.401	-5.206	33.011	5.375	6.450	31.496	33.975	5.5316	0.91829	0.00013	45.4847	250.000
3.9964	14387	45.4847	26.818	37.00	41.250	2964.785	72.406	-5.206	33.011	5.375	6.450	31.496	33.975	5.5316	0.91821	0.00013	45.4848	250.000
3.9967	14388	45.4848	26.818	37.00	41.250	2964.987	72.411	-5.206	33.012	5.375	6.450	31.496	33.975	5.5316	0.91813	0.00013	45.4850	250.000
3.9969	14389	45.4850	26.818	37.00	41.250	2965.189	72.416	-5.206	33.012	5.375	6.450	31.496	33.975	5.5316	0.91804	0.00013	45.4851	250.000
3.9972	14390	45.4851	26.818	37.00	41.250	2965.391	72.421	-5.206	33.013	5.375	6.450	31.496	33.975	5.5316	0.91796	0.00013	45.4852	250.000
3.9975	14391	45.4852	26.819	37.00	41.250	2965.593	72.426	-5.206	33.013	5.375	6.449	31.496	33.975	5.5316	0.91788	0.00013	45.4854	250.000
3.9978	14392	45.4854	26.819	37.00	41.250	2965.795	72.431	-5.206	33.014	5.375	6.449	31.496	33.975	5.5316	0.91779	0.00013	45.4855	250.000
3.9981	14393	45.4855	26.819	37.00	41.250	2965.997	72.436	-5.206	33.014	5.375	6.449	31.496	33.975	5.5316	0.91771	0.00013	45.4856	250.000
3.9983	14394	45.4856	26.819	37.00	41.250	2966.199	72.441	-5.206	33.015	5.375	6.449	31.496	33.975	5.5316	0.91763	0.00013	45.4858	250.000
3.9986	14395	45.4858	26.819	37.00	41.250	2966.401	72.445	-5.206	33.015	5.375	6.449	31.496	33.975	5.5316	0.91755	0.00013	45.4859	250.000
3.9989	14396	45.4859	26.819	37.00	41.250	2966.603	72.450	-5.206	33.016	5.375	6.449	31.496	33.975	5.5316	0.91746	0.00013	45.4860	250.000
3.9992	14397	45.4860	26.819	37.00	41.250	2966.806	72.455	-5.206	33.016	5.375	6.449	31.496	33.975	5.5316	0.91738	0.00013	45.4861	250.000
3.9994	14398	45.4861	26.820	37.00	41.250	2967.008	72.460	-5.206	33.017	5.376	6.449	31.496	33.975	5.5316	0.91730	0.00013	45.4863	250.000
3.9997	14399	45.4863	26.820	37.00	41.250	2967.210	72.465	-5.206	33.017	5.376	6.449	31.496	33.975	5.5316	0.91721	0.00013	45.4864	250.000
4.0000	14400	45.4864	26.820	37.00	41.250	2967.412	72.470	-5.206	33.018	5.376	6.449	31.496	33.975	5.5316	0.91713	0.00013	45.4865	250.000

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