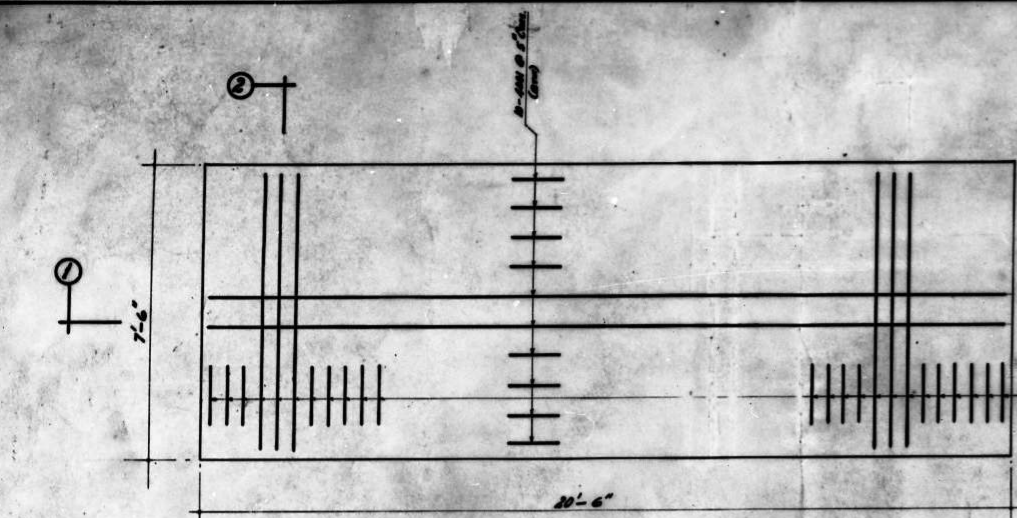


NOTE:—
 (1) EXISTING CONCRETE TO BE USED IN ALL WALLS AND PARTS IN CONTACT WITH THE SOIL, EXCEPT BEST GRADE WATERPROOF CONCRETE (GRADE C.1.) TO BE USED IN BASEMENT WALLS AND FLOOR.
 (2) GRADE FINISHES: BASEMENT LEVEL, 2.12.10/100 FT. 1" & SHOW 1/2" OVER 2" TILES/100 FT.
 (3) FINISHES ON ASPHALT: 3 TILES/100 FT.
 (4) DIMENSIONS SHOWN IN THIS DRAWING ARE LEVEL OF TOP OF FINISH AND BOTTOM OF BASE.

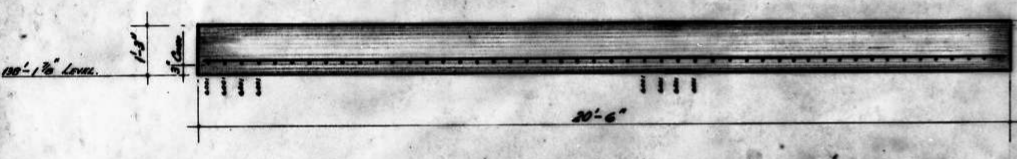
ISSUE	DATE	AMENDMENTS	TITLE
A	20.10.57	ISSUE APPROVED.	29, ST. EDMUNDS TERRACE N.W. 8. BASEMENT, LIFT MOTOR ROOM & TANK ROOM
B	20.10.57	Changes made to other drawings.	
C	20.10.57	Issue for Approval and Changes made to other drawings.	
D	20.10.57	Issue for Instructions to Contractors.	
ARCHITECT			SCALE 1/4" = 1' 0"
PLANNING & DEVELOPMENT LTD. 20, KNIGHTS BRIDGE, E.C.1.			DRG. No 629/3 ²
			DRAWN 1/11/57
			DATE 26.10.57
			CHECKED J.P.
			F. J. SAMUELY, B.Sc. (Eng.) Lond., M.I.C.E., M.I.Struct.E., F.I.A.S., M.I.W., M.C.S.E. CONSULTING ENGINEER. 8-9 HAMILTON PLACE, LONDON, W.1. Telephone: GROSVENOR 8771/2.



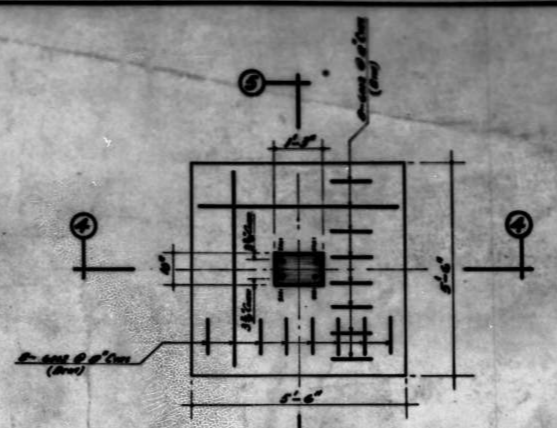
PLAN OF LOWER FOUNDATION TO COLS. 4 & 5.



SECTION 2-2



SECTION 1-1

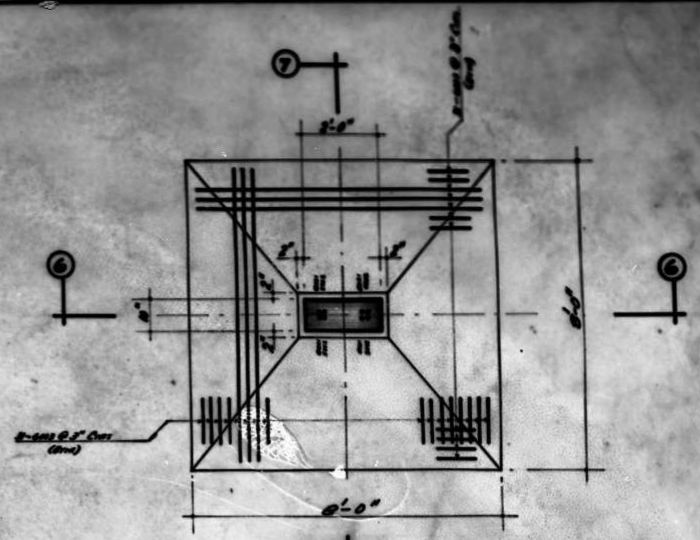


PLAN OF BASE TO COLS. 3 & 3

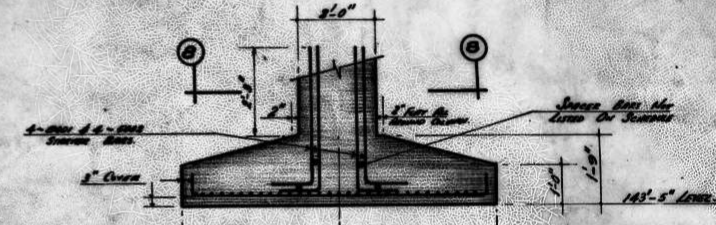


SECTION 3-3

SECTION 3-3 Shows Bar For Col. Dimensions & Slab Base Cover.

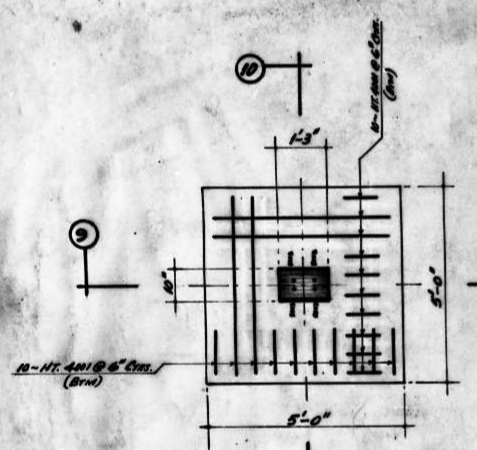


PLAN OF BASE TO COL. 2.



SECTION 5-5

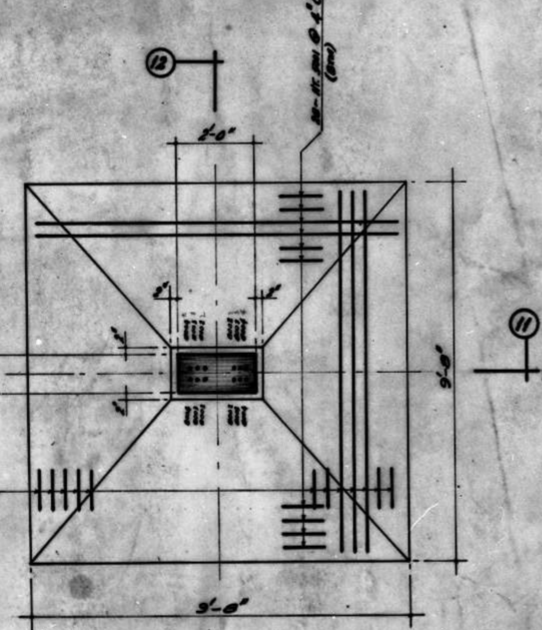
SECTION 5-5 Shows Bar For Col. Dimensions & Slab Base Cover.



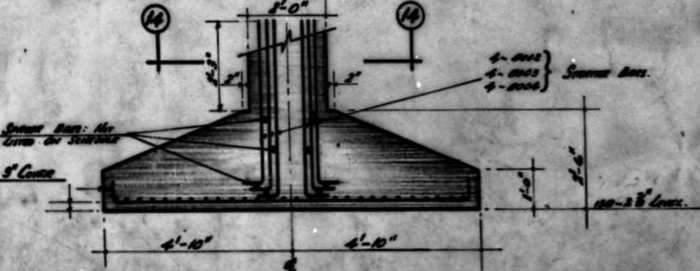
PLAN OF BASE TO COL. 7.



SECTION 7-7

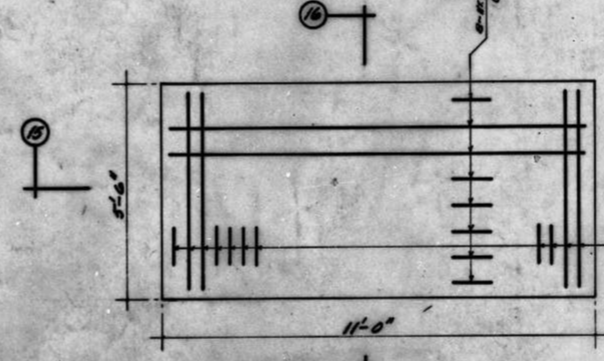


PLAN OF BASE TO COL. 6

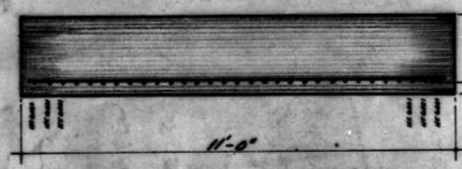


SECTION 9-9

SECTION 9-9 Shows Bar For Column Dimensions & Slab Base Cover.



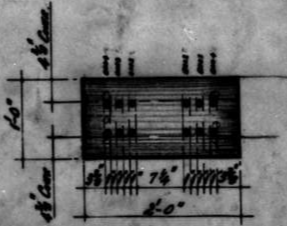
PLAN OF LOWER FOUNDATION TO COL. 8



SECTION 11-11



SECTION 12-12



SECTION 13-13

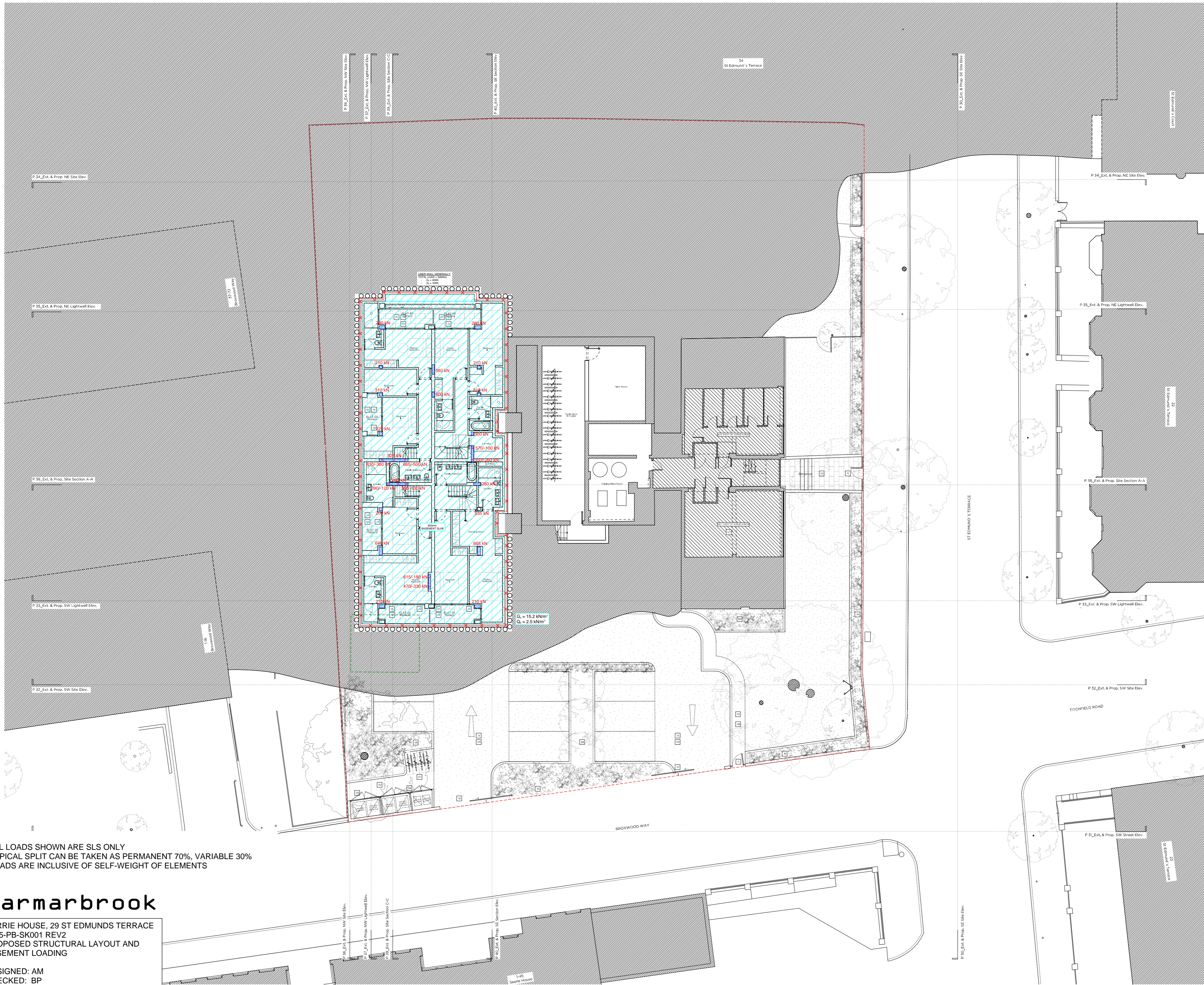
NOTES.

Concrete mix to be approved by
 Client to all other to be not less than 1" or as shown
 Terms and conditions of contract
 All Foundation Reinforcement Members to be
 Class A Reinforcement
 For Approval of Client to be sent to
 D.P. No. 623/1
 Building Under the Rules to which it applies
 Contract No.
 Structural Reinforcement to be done in all
 concrete of structure in concrete when the
 Excavation is done.

ISSUE	DATE	AMENDMENTS	TITLE
			ST. EDMUNDS TERRACE. FOUNDATION DETAILS. (SHEET 1)
ARCHITECT			DRG. NO. 623/4
PLANNING & DEVELOPMENT, LTD. 20 KINGSWAY, S.W.1.			F. J. SAMUELY, B.Sc. (Eng.) Lond., M.I.C.E., M.I.Struct.E., F.I.A.S., M.I.W., M.Cons.E. CONSULTING ENGINEER.
DRAWN			DATE
CHECKED			DATE
SCALE 3/4" = 1'			Telephone: GADSDEN 5294

APPENDIX B

Proposed Development Plans



Key Plan, Scale 1:250

Legend

- Proposed key
- Site boundary
- Existing structure / earth
- Existing structure not part of this application
- Line of demolished building
- New Structure

Proposed notes:

1 Natural stone paving on permeable base	17 Profiled anodised aluminium cladding
2 Re-inforced concrete	18 Profiled anodised aluminium window reveal
3 Re-inforced concrete	19 Brickwork
4 Re-inforced concrete	20 Portland salt-free stone
5 Existing fan store relocated	21 Portland stone coping
6 Proposed 140 steel (200, 1000 RHC columns 1200 x 100 RHC beams)	22 Double glazed window with anodised aluminium frame
7 Proposed 140 steel (80 long stay & 4 short stay - external)	23 Anodised aluminium balustrade
8 Handing border	24 Structural low iron glass
9 Pedestrian pathway	25 Anodised aluminium fix
10 Dwarf wall to site boundary	26 Existing residential parking bays retained as stone
11 Pedestrian access gate	27 ADV smoke outlet
12 Skiing vehicle access gate	28 Existing access slope to be maintained
13 Vehicle one way system	29 Anodised aluminium cladding
14 Lightwell	30 Proposed glazing to 1.7m above finished floor level
15 Solum green roof	31 Clear glass balustrade
16 Lift overrun	32 Attenuated Acoustic Enclosure

Rev - 04/01/18 Issued for Planning

PLANNING

Project No. **16033**

Client **Kalemister Ltd.**

Date **November 2017**

Scale **1:200 @ A2/ 1:400 @ A4**

Project **Barrie House, 29 St. Edmunds Terrace**

Drawing Title **Proposed Lower Ground Floor Plan**

Drawing No. **P_20** Rev. **-**

Drawn **MW** Approved **TMC** Signed

Marek Wojciechowski Architects

66-68 Margaret Street W1W 8SR T. 020 7580 9336 www.mwa.co.uk

Copyright Marek Wojciechowski Architects Limited. No implied license exists. This drawing should not be used to calculate areas for the purposes of valuation. All dimensions to be checked on site by the contractor and such dimensions to be their responsibility. Do not scale drawings. All work must comply with relevant British Standards and Building Regulations requirements. Drawing errors and omissions to be reported to the architect.

N.B.
 - ALL LOADS SHOWN ARE SLS ONLY
 - TYPICAL SPLIT CAN BE TAKEN AS PERMANENT 70%, VARIABLE 30%
 - LOADS ARE INCLUSIVE OF SELF-WEIGHT OF ELEMENTS

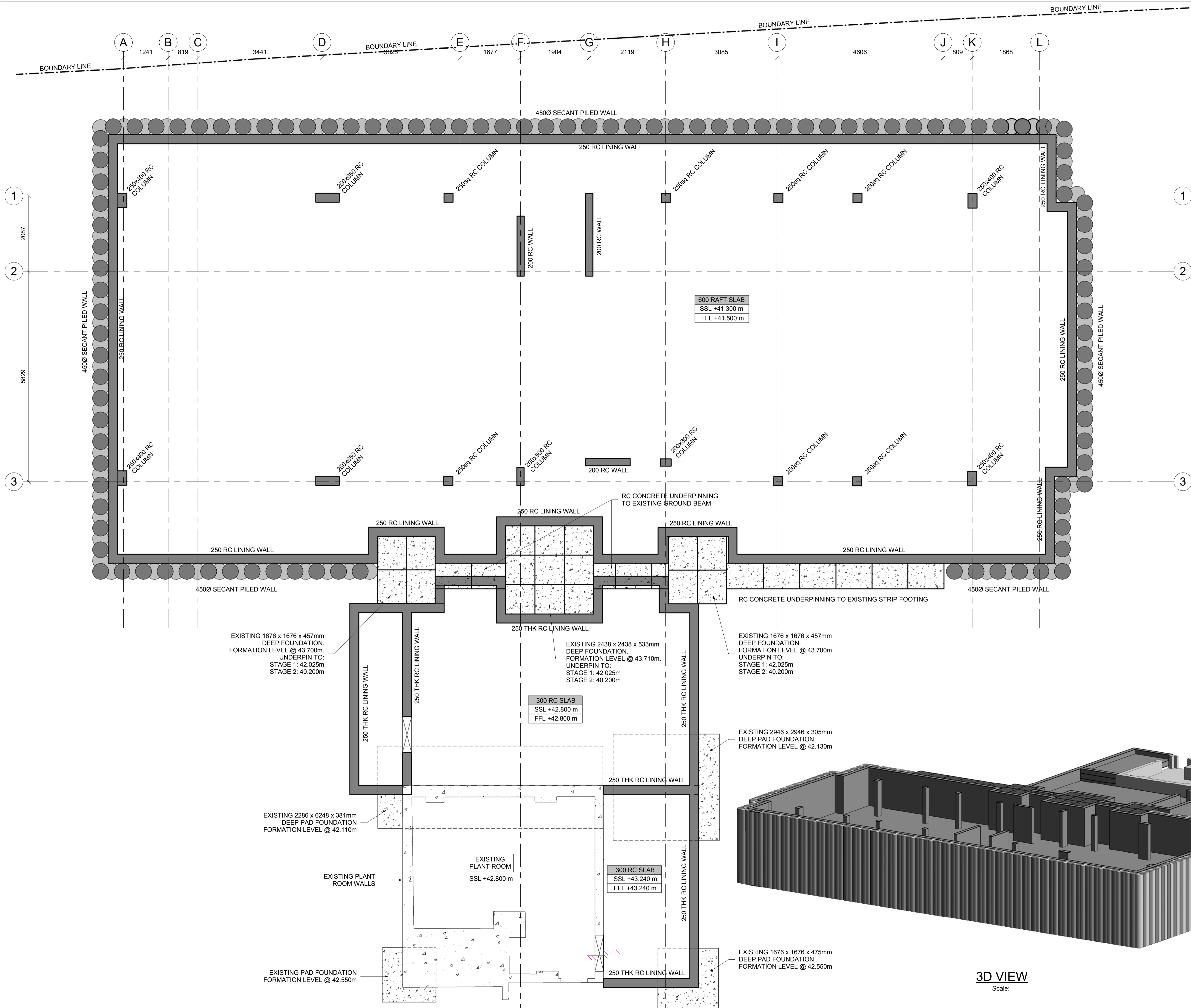
parmarbrook

BARRIE HOUSE, 29 ST EDMUNDS TERRACE
 1805-PB-SK001 REV2
 PROPOSED STRUCTURAL LAYOUT AND
 BASEMENT LOADING

DESIGNED: AM
 CHECKED: BP
 14.05.2018

GENERAL NOTES:

1. NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING. ALL DIMENSIONS ARE TO BE ESTABLISHED ON SITE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE 'GENERAL NOTES DRAWING', 1805-PAR-ZZ-XX-DR-S-0001 & 0002.
3. THIS DRAWING IS TO BE READ WITH ALL RELEVANT ARCHITECTS & SERVICES ENGINEERS DRAWINGS.
4. THE CONTRACTOR IS TO NOTIFY THE CONTRACT ADMINISTRATOR (C.A.) OF ANY DISCREPANCIES BETWEEN THIS DRAWING & SITE CONDITIONS BEFORE IMPLEMENTING THE WORK. DETAILS ON THIS DRAWING ARE TO BE CHECKED ON SITE BY THE CONTRACTOR & ANY DISCREPANCIES REPORTED TO THE ENGINEER SO THAT ADJUSTMENT MAY BE MADE TO THE STRUCTURAL SCHEME IF NECESSARY.
5. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING & CHECKING THE SETTING OUT OF ALL GRIDLINES, LEVELS & DATUMS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE EXISTING STRUCTURES ON THE SITE AND MUST TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD THE STABILITY.
7. ANY TEMPORARY WORKS INCLUDING, NEEDLING, SHORING, STRUTTING & PROPPING SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. ALL DEMOLITION WORKS SHALL BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH THE PARTY WALL AGREEMENTS.



REV	DATE	DESCRIPTION	S.E. BY
P01	01.02.18	PRELIMINARY ISSUE.	

Project: **BARRIE HOUSE**

Title: **GENERAL ARRANGEMENT LOWER GROUND FLOOR**

Client: **KALEMINSTER Ltd.**

Architect: **MWA**

INFORMATION

Designed: **AM** Drawn: **AJE**

Checked: **BP** Date: **JAN '18**

Project No: **1805** Scale: **1 : 50**

Drawing No: **1805-PAR-ZZ-LG-DR-S-0090-D1-P01**

APPENDIX C

British Geological Survey Borehole Records



TQ28SE409

296-142 206 TQ 28 SE 409

GROUND LEVEL: 164.5 A.O.D. 50.14m
 NOMINAL B.H. DIA.: 6" Casing to 140ft
 DATE OF BORING: 21 Feb. to 14 March '50
BOREHOLE No. 27
 N.A.R. 2755, P360

GROUNDWATER LEVEL	DATE	SAMPLE DEPTH	B.H.	DEPTH 0'-0"	R.L.	DESCRIPTION OF STRATA
						Fairly firm fissured brown clay becoming stiffer with increasing depth
				34'-0" + 130.8 10.32m + 39.82m		Stiff gray - blue fissured clay
				39'-32" + 120.2 12.24 + 36.6		Mudstone boulder

REMARKS: No water in borehole
 SAMPLES: Undisturbed, Disturbed
 SCALE: 1/8" to 1'-0"

METROPOLITAN WATER BOARD
 MAIN IN TUNNEL BETWEEN THAMES AND LEA VALLEYS.
 SOILS No. 5/371
 DRWG. No. 5/R/526

TQ28SE409

~~276-836~~ 256 70 25 25/409 2 of 2

GROUND LEVEL: 164.5 A.O.D. 50.14m
 NOMINAL B.H. DIA. 6" Casing to 140 ft. **BOREHOLE No 27**
 DATE OF BORING: 21 Feb. to 14 March '50 N.G. No. 2755.8360 (Contd.)

GROUNDWATER		SAMPLE DEPTH	B.H.	DEPTH	R.L.	DESCRIPTION OF STRATA
LEVEL	DATE					
				129'-0" = 35.5 89.32m	110.82m	Stiff grey - blue fissured clay (Sand in fissures below 155 ft. depth)
		140'-0" to 141'-6"	■			
		157'-0" to 158'-0"	■			
		165'-0" to 166'-0"	■			
				54.5m = 4.42m 179'-0" = 14.5 180'-0" = 15.5 54.86m = 4.72m		
						Marlstone with siliceous intrusion
						Stiff grey - blue fissured clay becoming increasingly silty and sandy below 181'-0" depth. Traces of shell fragments and lignite at 210 ft.
				Bottom of borehole	64.5m = 16.92m 220'-0" = 65.5	

REMARKS:

SAMPLES
 ■ Undisturbed
 ● Disturbed

SCALE:
 1" to 1'-0"

METROPOLITAN WATER BOARD
 MAIN IN TUNNEL BETWEEN THAMES AND LEA VALLEYS.

SOILS No.
 S/371

DRWG. No.
 S/R/526

GEORGE WIMPEY & CO. LTD, CENTRAL LABORATORY, SOUTHALL.

TOP 28 SE / 1230

Contract Name AVENUE ROAD					Borehole No. 1				
					2740, 2347				
Method of boring Shell and Auger					Ground level 38.02 m OD				
Diameter 200 mm nominal					Start 5.9.78				
					Finish 6.9.78				
Daily progress	Water levels	In-situ tests	Samples	Depth (m)	Reduced level (m O.D.)	Thickness (m)	Description of Strata		
5/9			U	1.40	36.62	1.40	Soft grey-brown silty clay with chalk and brick fragments		Made ground
			U						2
			U						4
5/9			U				Firm to stiff brown silty clay with selenite crystals becoming fissured with depth with occasional yellow-brown silt partings and blue grey mottlings (London Clay)		6
			U						8
			U						10
Contd/.. 10									
Notes									
Terresearch Limited			Report No. S.28/591				Appendix 1 Sheet 1		

TQ28 SE / 1230

Contract Name AVENUE ROAD					Borehole No. 1		
Method of boring					Ground level		
Diameter					Start		
					Finish		
Daily progress	Water levels	In-situ tests	Samples	Depth (m)	Reduced level (m O.D.)	Thickness (m)	Description of Strata
			U	10.80	27.22	9.40	Firm to stiff brown silty clay with selenite crystals becoming fissured with depth with occasional yellow-brown silt partings and blue grey mottlings (London Clay)
			U				
			U				
			U				
			U				Very stiff fissured dark grey silty clay (London Clay)
			U				
			U				
							Contd/.. 20
Notes							
Terresearch Limited		Report No.		S.28/591		Appendix 1 Sheet 2	

TP28SE/1230

Contract Name AVENUE ROAD					Borehole No. 1			
					Sheet 3 of 3			
Method of boring Diameter				Ground level Start Finish				
Daily progress	Water levels	In-situ tests	Samples	Depth (m)	Reduced level (m O.D.)	Thickness (m)	Description of Strata	
			U			14.20	Very stiff fissured dark grey silty clay (London Clay)	
			U					22
			U					24
6/9				25.00	13.02		Bottom of Borehole	
							26	
Notes								
Terresearch Limited					Report No. S.28/591		Appendix 1 Sheet 3	

TQ28SE/1231

Contract Name AVENUE ROAD					Borehole No. 2		
Method of boring Shell and Auger					Ground level 38.18 m OD		
Diameter 200 mm nominal					Start 7.9.78		
					Finish 8.9.78		
Daily progress	Water levels	In-situ tests	Samples	Depth (m)	Reduced level (m O.D.)	Thickness (m)	Description of Strata
			B	0.06	38.12	0.06	Made
			B			2.44	Soft dark brown and black silty clay with chalk lumps and bricks
7/9				2.50	35.68		ground
7/9			U				
			U				
			U				
			U				Stiff to very stiff brown silty clay with occasional yellow-brown silt partings (London Clay)
			U				
			U				
Contd/.. 10							
Notes Borehole backfilled to 10.00 m on 8.9.78 and casing pulled back 1.50m SWL then 10.20 (11.9.78) Not enough of water to get sample							
Terresearch Limited			Report No. S.28/591			Appendix 1 Sheet 4	

TQ 28SE/1231

Contract Name AVENUE ROAD					Borehole No. 2		
Method of boring					Ground level		
Diameter					Start		
					Finish		
Daily progress	Water levels	In-situ tests	Samples	Depth (m)	Reduced level (m O.D.)	Thickness (m)	Description of Strata
			U	11.20	26.98	8.70	Stiff to very stiff brown silty clay with occasional yellow-brown-silt partings(London Clay)
7/9			U				12
			U				14
			U				Stiff to very stiff fissured dark grey silty clay with some carbonaceous impurities(London Clay)
			U				16
			U				18
			U				20
Contd/. 20							
Notes							
Terresearch Limited		Report No. S.28/591			Appendix 1 Sheet 5		

TQ 28SE / 123

Contract Name AVENUE ROAD					Borehole No. 2	
Method of boring					Ground level	
Diameter					Start	
					Finish	
Daily progress	Water levels	In-situ tests	Samples	Depth (m)	Reduced level (m Q.D.)	Description of Strata
			U			
			U		13.80	Stiff to very stiff fissured dark grey silty clay with some carbonaceous impurities (London Clay)
			U			24
8/9				25.00	13.18	Bottom of Borehole
						26
Notes						
Terresearch Limited			Report No. S.28/591		Appendix 1 Sheet 6	

APPENDIX D

Groundwater Monitoring Records

GROUNDWATER MONITORING RECORD SHEET

JOB DETAILS			
Site:	Barrie House	Job No:	CG/28408
Date:	20/12/2017	Engineer:	NLC
Time:	14:00am	Client:	Parmarbrook
Weather:	Dry, slightly cloudy, calm		

MONITORING & SAMPLING DETAILS							
Well / Borehole reference:	WS1	WS2					
Monitoring details							
Ground elevation (+mOD)	45.60	44.60					
Groundwater depth (mbgl)	0.95	1.84					
Groundwater elevation (+mOD)	44.65	42.76					
Depth to base of well (mbgl)	3.57	4.94					
Diameter of well (m)	0.03	0.03					
Condition of well	Pipe is good, but has no cover	Pipe is good, but has no cover					
Top of response zone (mbgl)	1.0	1.0					
Base of response zone (mbgl)	3.70	4.95					
Free product thickness (m)	0.0	0.0					
Hydrocarbon sheen noted (Y/N)	N	N					
Purging details - No sampling undertaken							
Purge method	N/A	N/A					
Purged volume (litres)	N/A	N/A					
Recharge (good / poor)	N/A	N/A					
Sampling details - No sampling undertaken							
Sampling method	N/A	N/A					
Volume of water sample taken (litres)	N/A	N/A					
Volume of free product sample taken (litres)	N/A	N/A					
Colour / odours noted*	N/A	N/A					
In-situ measurements - No sampling undertaken							
pH	N/A	N/A					
Temperature (°C)	N/A	N/A					
Dissolved oxygen (mg/l)	N/A	N/A					
Redox potential (mV)	N/A	N/A					
Electrical conductivity (µS/cm)	N/A	N/A					
Total dissolved solids (ppt)	N/A	N/A					
* Respiratory protective equipment to be worn if odours are noted during initial monitoring & on sites which are potentially contaminated							

NOTES

GROUNDWATER MONITORING RECORD SHEET

JOB DETAILS			
Site:	Barrie House	Job No:	CG/28408
Date:	06.12.17	Engineer:	MRG
Time:	9am	Client:	Parmarbrook
Weather:	Dry, slightly cloudy, calm		

MONITORING & SAMPLING DETAILS							
Well / Borehole reference:	WS1	WS2					
Monitoring details							
Ground elevation (+mOD)	45.6	44.6					
Groundwater depth (mbgl)	1.2	1.9					
Groundwater elevation (+mOD)	44.4	42.7					
Depth to base of well (mbgl)	3.7	5.0					
Diameter of well (m)	0.0	0.0					
Condition of well	Pipe is good, but has no cover	Pipe is good, but has no cover					
Top of response zone (mbgl)	1	1					
Base of response zone (mbgl)	3.7	4.95					
Free product thickness (m)	0	0					
Hydrocarbon sheen noted (Y/N)	N	N					
Purging details - No sampling undertaken							
Purge method	N/A	N/A					
Purged volume (litres)	N/A	N/A					
Recharge (good / poor)	N/A	N/A					
Sampling details - No sampling undertaken							
Sampling method	N/A	N/A					
Volume of water sample taken (litres)	N/A	N/A					
Volume of free product sample taken (litres)	N/A	N/A					
Colour / odours noted*	N/A	N/A					
In-situ measurements - No sampling undertaken							
pH	N/A	N/A					
Temperature (°C)	N/A	N/A					
Dissolved oxygen (mg/l)	N/A	N/A					
Redox potential (mV)	N/A	N/A					
Electrical conductivity (µS/cm)	N/A	N/A					
Total dissolved solids (ppt)	N/A	N/A					
* Respiratory protective equipment to be worn if odours are noted during initial monitoring & on sites which are potentially contaminated							

NOTES

GROUNDWATER MONITORING RECORD SHEET

JOB DETAILS			
Site:	Barrie House	Job No:	CG/28408
Date:	14/12/2017	Engineer:	CGH
Time:	10:30am	Client:	Parmarbrook
Weather:	Dry, slightly cloudy, calm		

MONITORING & SAMPLING DETAILS							
Well / Borehole reference:	WS1	WS2					
Monitoring details							
Ground elevation (+mOD)	45.60	44.60					
Groundwater depth (mbgl)	0.82	1.81					
Groundwater elevation (+mOD)	44.78	42.79					
Depth to base of well (mbgl)	3.78	4.95					
Diameter of well (m)	0.03	0.03					
Condition of well	Pipe is good, but has no cover	Pipe is good, but has no cover					
Top of response zone (mbgl)	1.0	1.0					
Base of response zone (mbgl)	3.70	4.95					
Free product thickness (m)	0.0	0.0					
Hydrocarbon sheen noted (Y/N)	N	N					
Purging details - No sampling undertaken							
Purge method	N/A	N/A					
Purged volume (litres)	N/A	N/A					
Recharge (good / poor)	N/A	N/A					
Sampling details - No sampling undertaken							
Sampling method	N/A	N/A					
Volume of water sample taken (litres)	N/A	N/A					
Volume of free product sample taken (litres)	N/A	N/A					
Colour / odours noted*	N/A	N/A					
In-situ measurements - No sampling undertaken							
pH	N/A	N/A					
Temperature (°C)	N/A	N/A					
Dissolved oxygen (mg/l)	N/A	N/A					
Redox potential (mV)	N/A	N/A					
Electrical conductivity (µS/cm)	N/A	N/A					
Total dissolved solids (ppt)	N/A	N/A					
* Respiratory protective equipment to be worn if odours are noted during initial monitoring & on sites which are potentially contaminated							

NOTES							

APPENDIX E

PDISP Output Summary

Oasys Ltd.

Barrie House_rev 2 14 May

File .pdd
Exported 05/16/18 15:12:51

Pdisp 19.3.0.16 64-bit Copyright © Oasys 1997-2017

Analysis Options

Analysis: Boussinesq
Global Poisson's ratio: 0.20
Maximum allowable ratio between values of E: 1.5
Horizontal rigid boundary level: 10.00 [m OD]
Displacements at load centroids: Yes

Soil Profiles Soil Profile 1

START_TABLE

Layer	Level at top	Number of intermediate displacement levels	Youngs Modulus	Poissons ratio	Non-linear curve
	Top	Btm			
	[mOD]		[kN/m ²]	[kN/m ²]	
1	46.000	5	15000.	15000.	0.20000 None
2	45.500	5	13500.	205200.	0.20000 None

END_TABLE

Load Data

START_TABLE

Load ref.	Name	Shape	Load position				Load value				
			Orientation of Plane	Centre of load	Angle of Coordinates	Width x Rectangle	Length y of Polygon (local z)	Polygon Number (local x)	Normal (local y)	Tangential	
			(Global) local X Y Z [m] [m] [m]	or (level) [Degrees]	Radius [m]	[%]	tolerance [kN/m ²]	rectangles [kN/m ²]	[kN/m ²]	[kN/m ²]	
1	Excavation net with raft wieght	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	N/A N/A	N/A	N/A	(14.2,77.9) (14.2,80.9) (12.1,80.9) (12.1,81.4) (4.86,81.4) (4.86,80.9) (3.12,80.9) (3.1,56.3) (14.2,56.2) (14.2,63.2) (13.6,63.2) (13.6,64.8) (14.2,64.8) (14.2,66.6) (13.2,66.6) (13.2,68.8) (14.2,68.8) (14.2,70.8) (13.6,70.8) (13.6,72.3) (14.2,72.3) (14.2,77.9) 10.000 9 -90.000 N/A N/A
2	Underpin N	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	(14.2,70.8) (13.6,70.8) (13.6,72.3) (14.2,72.3) (14.8,72.3) (15.1,72.3) (15.1,70.8) (14.6,70.8) (14.2,70.8) 10.000 1 210.71 N/A N/A			
3	Underpin mid	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	(15.5,68.8) (15.5,66.6) (14.6,66.6) (14.2,66.6) (13.2,66.6) (13.2,68.8) (14.2,68.8) (14.6,68.8) (15.5,68.8) 10.000 1 197.46 N/A N/A			
4	Underpin S	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	(15.1,64.8) (13.6,64.8) (13.6,63.2) (15.1,63.2) (15.1,64.8) 10.000 1 210.71 N/A N/A			
5	Underpin wall N	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	(14.2,77.9) (14.8,77.9) (14.8,72.3) (14.2,72.3) (14.2,77.9) 10.000 1 98.800 N/A N/A			
6	Underpin wall S	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	(14.2,64.8) (14.2,66.6) (14.6,66.6) (14.6,64.8) (14.2,64.8) 10.000 1 29.184 N/A N/A			
7	Underpin wall Mid	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	(14.2,70.8) (14.6,70.8) (14.6,68.8) (14.2,68.8) (14.2,70.8) 10.000 1 31.000 N/A N/A			
8	A	Polygonal	Horizontal	N/A N/A	40.20000	N/A N/A	N/A	(3.89,79.6) (3.89,77.6) (5.89,77.6)			

(5.89,79.6)	10.000	1	70.000	N/A	N/A															
9	B	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(3.77,76.6)	(3.77,74.6)	(5.77,74.6)								
(5.77,76.6)	10.000	1	52.500	N/A	N/A															
10	C	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(3.79,74.5)	(3.79,72.5)	(5.79,72.5)								
(5.79,74.5)	10.000	1	77.500	N/A	N/A															
11	DEF	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(5.78,71.7)	(3.78,71.7)	(3.78,69.8)								
(3.53,69.8)	(3.53,67.4)	(4.35,67.4)	(4.35,65.8)	(7.67,65.8)	(7.67,67.4)	(7.87,67.4)	(7.87,69.8)	(5.78,69.8)	(5.78,71.7)											
10.000	3	160.80	N/A	N/A																
12	G	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(3.8,65.8)	(3.8,63.8)	(5.8,63.8)	(5.8,65.8)							
10.000	1	50.000	N/A	N/A																
13	H	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(3.8,62.9)	(3.8,60.9)	(5.8,60.9)	(5.8,62.9)							
10.000	1	160.00	N/A	N/A																
14	I	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(3.89,58.5)	(3.89,56.5)	(5.89,56.5)								
(5.89,58.5)	10.000	1	52.500	N/A	N/A															
15	J	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(7.75,76.6)	(7.75,74.6)	(9.75,74.6)								
(9.75,76.6)	10.000	1	95.000	N/A	N/A															
16	K	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(7.52,74.4)	(7.52,72.2)	(9.77,72.2)								
(9.77,74.4)	10.000	1	158.00	N/A	N/A															
17	L	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(7.11,61)	(7.11,58.2)	(9.91,58.2)	(9.91,61)							
10.000	1	188.37	N/A	N/A																
18	M	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(11.1,79.6)	(11.1,77.6)	(13.1,77.6)								
(13.1,79.6)	10.000	1	70.000	N/A	N/A															
19	N	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(11.2,76.6)	(11.2,74.6)	(13.2,74.6)								
(13.2,76.6)	10.000	1	52.500	N/A	N/A															
20	O	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(11.2,74.6)	(11.2,72.6)	(13.2,72.6)								
(13.2,74.6)	10.000	1	77.500	N/A	N/A															
21	PQRS	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(10.7,71.6)	(12.7,71.6)	(12.7,70.2)								
(12.9,70.2)	(12.9,65.9)	(13.2,65.9)	(13.2,63.9)	(11.2,63.9)	(11.2,65.9)	(11,65.9)	(11,67.8)	(10.5,67.8)	(10.5,70.2)											
(10.7,70.2)	10.000	4	111.25	N/A	N/A															
22	T	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(11.1,62.8)	(11.1,60.7)	(13.2,60.7)								
(13.2,62.8)	10.000	1	150.79	N/A	N/A															
23	U	Polygonal	Horizontal	N/A	N/A	40.20000	N/A	N/A	N/A	(11.1,58.5)	(11.1,56.5)	(13.1,56.5)								
(13.1,58.5)	10.000	1	52.500	N/A	N/A															
24	Porters lodge	Polygonal	Horizontal	N/A	N/A	45.00000	N/A	N/A	N/A	(2.52,57)	(7.68,57)	(7.68,52.7)								
(2.52,52.7)	10.000	1	-30.000	N/A	N/A															
25	Void excavation	Polygonal	Horizontal	N/A	N/A	42.50000	N/A	N/A	N/A	(15.1,72.3)	(20,72.3)	(20,63.9)								
(15.1,63.9)	(15.1,64.8)	(14.6,64.8)	(14.6,66.6)	(15.5,66.6)	(15.5,68.8)	(14.6,68.8)	(14.6,70.8)	(15.1,70.8)	(15.1,72.3)											
10.000	5	-33.900	N/A	N/A																
26	Stairway excvation	Polygonal	Horizontal	N/A	N/A	42.50000	N/A	N/A	N/A	(16.3,63.9)	(16.3,62.7)									
(19.2,62.7)	(19.2,63.9)	10.000	1	-61.500	N/A	N/A														

END_TABLE

Warnings

(1)The displacement location of Grid 1 at (41.000, 40.000, 40.200)m lies wide of all soil zones. The first soil profile will be used. There are more displacement locations for which this warning applies. Only one is detailed here.

RESULTS FOR GRIDS

Analysis: Boussinesq

Global Poisson's ratio: 0.20

Horizontal rigid boundary level: 10.00 [m OD]

START_TABLE

The maximum displacement difference between the Boussinesq method (-7.3576mm) and the Mindlin method (-20.553mm) occurs at point X = 8.00000m, Y = 78.00000m, level = 42.611mOD, and is 13.195mm.

END_TABLE

START_TABLE

Name	Location			Displacement Stresses								
	X	Y	Z[Level]	Z	Calc Level	Vert Stress	Sum Princ	Vert Strain				
	[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[-]				
Excavation net with raft wieght					8.58207	68.76130	40.70000	-6.7807	37.979	-42.639	-54.539	-763.12E-6
Underpin N	14.35125	71.55336	40.20000		-0.69785	37.561	8.3051	-7.1872	206.77E-6			
Underpin mid	14.35421	67.72455	40.20000		1.8910	37.561	32.665	14.904	656.71E-6			
Underpin S	14.35601	64.00906	40.20000		-0.62280	37.561	8.5756	-6.8437	211.41E-6			
Underpin wall N	14.52131	75.13462	40.20000		-3.1749	37.561	-14.804	-30.105	-212.94E-6			
Underpin wall S	14.35879	65.68865	40.20000		-0.34860	37.561	11.468	1.6658	243.50E-6			
Underpin wall Mid	14.36231	69.81715	40.20000		-0.65702	37.561	8.6406	0.13357	187.53E-6			
A	4.89175	78.60701	40.20000		-6.4728	37.561	-43.749	-63.050	-723.28E-6			
B	4.77162	75.60352	40.20000		-6.3886	37.561	-42.022	-60.347	-695.50E-6			
C	4.78905	73.54092	40.20000		-5.3757	37.561	-32.814	-49.030	-536.19E-6			
DEF	5.60825	68.48741	40.20000	0.26389		37.561	21.188	-1.6705	467.09E-6			
G	4.80053	64.78577	40.20000		-4.7687	37.561	-28.303	-40.416	-469.28E-6			
H	4.80114	61.91543	40.20000		-4.3896	37.561	-24.793	-44.645	-377.56E-6			
I	4.89175	57.54351	40.20000		-5.4764	37.561	-37.522	-47.445	-644.37E-6			
J	8.74632	75.62782	40.20000		-6.5739	37.561	-41.099	-66.705	-652.36E-6			
K	8.64534	73.31948	40.20000		-4.7633	37.561	-24.593	-50.737	-351.12E-6			
L	8.51113	59.59180	40.20000		-2.5344	37.561	-5.7066	-33.441	-2.8954E-6			
M	12.13262	78.60701	40.20000		-6.5488	37.561	-44.606	-62.943	-742.30E-6			
N	12.20057	75.61325	40.20000		-6.2292	37.561	-40.573	-56.898	-676.49E-6			
O	12.18630	73.55624	40.20000		-5.1489	37.561	-30.686	-44.781	-505.29E-6			
PQRS	11.87982	67.85582	40.20000	-2.2099		37.561	-3.8440	-17.769	-19.202E-6			
T	12.19244	61.76099	40.20000		-4.0449	37.561	-21.849	-39.180	-333.33E-6			
U	12.12089	57.54320	40.20000		-5.3624	37.561	-36.872	-47.522	-629.95E-6			
Porters lodge	5.10126	54.84426	45.00000		-5.7367	41.540	-14.975	-15.053	-478.78E-6			
Void excavation	17.45116	68.10378	42.50000		-4.4730	39.478	-23.754	-27.012	-524.81E-6			
Stairway excvation	17.74175	63.30280	42.50000		-3.7748	39.478	-18.578	-25.845	-389.01E-6			
Grid formation					-10.00000	40.00000	40.20000	-0.057010	37.561	-0.033889	-0.69941	1.7990E-6
	-9.00000	40.00000	40.20000		-0.063400	37.561	-0.038942	-0.74833	1.8664E-6			
	-8.00000	40.00000	40.20000		-0.070219	37.561	-0.044697	-0.80025	1.9295E-6			
	-7.00000	40.00000	40.20000		-0.077448	37.561	-0.051199	-0.85506	1.9868E-6			
	-6.00000	40.00000	40.20000		-0.085049	37.561	-0.058473	-0.91252	2.0369E-6			
	-5.00000	40.00000	40.20000		-0.092968	37.561	-0.066510	-0.97228	2.0788E-6			
	-4.00000	40.00000	40.20000		-0.101113	37.561	-0.075254	-1.0338	2.1116E-6			
	-3.00000	40.00000	40.20000		-0.10943	37.561	-0.084589	-1.0963	2.1353E-6			
	-2.00000	40.00000	40.20000		-0.11775	37.561	-0.094328	-1.1590	2.1507E-6			
	-1.00000	40.00000	40.20000		-0.12595	37.561	-0.10420	-1.2208	2.1597E-6			
	0.00000	40.00000	40.20000		-0.13384	37.561	-0.11388	-1.2803	2.1651E-6			
	1.00000	40.00000	40.20000		-0.14127	37.561	-0.12295	-1.3362	2.1706E-6			
	2.00000	40.00000	40.20000		-0.14803	37.561	-0.13099	-1.3872	2.1804E-6			
	3.00000	40.00000	40.20000		-0.15394	37.561	-0.13757	-1.4317	2.1988E-6			
	4.00000	40.00000	40.20000		-0.15885	37.561	-0.14233	-1.4686	2.2290E-6			
	5.00000	40.00000	40.20000		-0.16261	37.561	-0.14500	-1.4968	2.2732E-6			
	6.00000	40.00000	40.20000		-0.16513	37.561	-0.14545	-1.5156	2.3315E-6			
	7.00000	40.00000	40.20000		-0.16636	37.561	-0.14370	-1.5245	2.4020E-6			
	8.00000	40.00000	40.20000		-0.16628	37.561	-0.13990	-1.5236	2.4811E-6			

9.00000	40.00000	40.20000	-0.16493	37.561	-0.13435	-1.5130	2.5637E-6
10.00000	40.00000	40.20000	-0.16239	37.561	-0.12738	-1.4934	2.6442E-6
11.00000	40.00000	40.20000	-0.15875	37.561	-0.11941	-1.4657	2.7170E-6
12.00000	40.00000	40.20000	-0.15414	37.561	-0.11081	-1.4307	2.7773E-6
13.00000	40.00000	40.20000	-0.14870	37.561	-0.10193	-1.3896	2.8214E-6
14.00000	40.00000	40.20000	-0.14258	37.561	-0.093066	-1.3435	2.8470E-6
15.00000	40.00000	40.20000	-0.13591	37.561	-0.084449	-1.2935	2.8532E-6
16.00000	40.00000	40.20000	-0.12884	37.561	-0.076242	-1.2406	2.8401E-6
17.00000	40.00000	40.20000	-0.12149	37.561	-0.068554	-1.1859	2.8091E-6
18.00000	40.00000	40.20000	-0.11400	37.561	-0.061445	-1.1303	2.7619E-6
19.00000	40.00000	40.20000	-0.10646	37.561	-0.054941	-1.0744	2.7008E-6
20.00000	40.00000	40.20000	-0.098968	37.561	-0.049038	-1.0190	2.6282E-6
21.00000	40.00000	40.20000	-0.091610	37.561	-0.043717	-0.96455	2.5467E-6
22.00000	40.00000	40.20000	-0.084448	37.561	-0.038944	-0.91155	2.4583E-6
23.00000	40.00000	40.20000	-0.077537	37.561	-0.034678	-0.86030	2.3653E-6
24.00000	40.00000	40.20000	-0.070917	37.561	-0.030877	-0.81105	2.2694E-6
25.00000	40.00000	40.20000	-0.064617	37.561	-0.027496	-0.76396	2.1722E-6
26.00000	40.00000	40.20000	-0.058658	37.561	-0.024494	-0.71913	2.0749E-6
27.00000	40.00000	40.20000	-0.053051	37.561	-0.021830	-0.67659	1.9786E-6
28.00000	40.00000	40.20000	-0.047801	37.561	-0.019468	-0.63636	1.8842E-6
29.00000	40.00000	40.20000	-0.042905	37.561	-0.017373	-0.59841	1.7921E-6
30.00000	40.00000	40.20000	-0.038358	37.561	-0.015515	-0.56268	1.7030E-6
31.00000	40.00000	40.20000	-0.034150	37.561	-0.013867	-0.52910	1.6170E-6
32.00000	40.00000	40.20000	-0.030269	37.561	-0.012404	-0.49758	1.5345E-6
33.00000	40.00000	40.20000	-0.026699	37.561	-0.011106	-0.46803	1.4556E-6
34.00000	40.00000	40.20000	-0.023425	37.561	-0.0099531	-0.44035	1.3803E-6
35.00000	40.00000	40.20000	-0.020431	37.561	-0.0089283	-0.41444	1.3087E-6
36.00000	40.00000	40.20000	-0.017699	37.561	-0.0080169	-0.39020	1.2406E-6
37.00000	40.00000	40.20000	-0.015213	37.561	-0.0072060	-0.36754	1.1761E-6
38.00000	40.00000	40.20000	-0.012954	37.561	-0.0064838	-0.34635	1.1149E-6
39.00000	40.00000	40.20000	-0.010908	37.561	-0.0058402	-0.32654	1.0571E-6
40.00000	40.00000	40.20000	-0.0090575	37.561	-0.0052662	-0.30802	1.0024E-6
41.00000	40.00000	40.20000	-0.0073877	37.561	-0.0047538	-0.29070	0.0 !
42.00000	40.00000	40.20000	-0.0058842	37.561	-0.0042961	-0.27452	0.0 !
43.00000	40.00000	40.20000	-0.0045332	37.561	-0.0038868	-0.25938	0.0 !
44.00000	40.00000	40.20000	-0.0033219	37.561	-0.0035206	-0.24522	0.0 !
45.00000	40.00000	40.20000	-0.0022384	37.561	-0.0031925	-0.23197	0.0 !
46.00000	40.00000	40.20000	-0.0012714	37.561	-0.0028983	-0.21957	0.0 !
47.00000	40.00000	40.20000	-410.49E-6	37.561	-0.0026342	-0.20796	0.0 !
48.00000	40.00000	40.20000	353.85E-6	37.561	-0.0023970	-0.19708	0.0 !
49.00000	40.00000	40.20000	0.0010305	37.561	-0.0021836	-0.18689	0.0 !
50.00000	40.00000	40.20000	0.0016277	37.561	-0.0019916	-0.17733	0.0 !
-10.00000	41.00000	40.20000	-0.064495	37.561	-0.039161	-0.75744	1.8947E-6
-9.00000	41.00000	40.20000	-0.071900	37.561	-0.045401	-0.81375	1.9631E-6
-8.00000	41.00000	40.20000	-0.079853	37.561	-0.052599	-0.87396	2.0249E-6
-7.00000	41.00000	40.20000	-0.088337	37.561	-0.060843	-0.93803	2.0779E-6
-6.00000	41.00000	40.20000	-0.097319	37.561	-0.070195	-1.0058	2.1200E-6
-5.00000	41.00000	40.20000	-0.10674	37.561	-0.080678	-1.0768	2.1494E-6
-4.00000	41.00000	40.20000	-0.11652	37.561	-0.092248	-1.1505	2.1650E-6
-3.00000	41.00000	40.20000	-0.12654	37.561	-0.10478	-1.2261	2.1665E-6
-2.00000	41.00000	40.20000	-0.13665	37.561	-0.11803	-1.3025	2.1551E-6
-1.00000	41.00000	40.20000	-0.14667	37.561	-0.13165	-1.3782	2.1336E-6
0.00000	41.00000	40.20000	-0.15638	37.561	-0.14514	-1.4518	2.1068E-6
1.00000	41.00000	40.20000	-0.16555	37.561	-0.15792	-1.5213	2.0808E-6

2.00000	41.00000	40.20000	-0.17393	37.561	-0.16934	-1.5849	2.0631E-6
3.00000	41.00000	40.20000	-0.18128	37.561	-0.17873	-1.6407	2.0610E-6
4.00000	41.00000	40.20000	-0.18737	37.561	-0.18551	-1.6869	2.0809E-6
5.00000	41.00000	40.20000	-0.19202	37.561	-0.18928	-1.7221	2.1266E-6
6.00000	41.00000	40.20000	-0.19509	37.561	-0.18981	-1.7453	2.1991E-6
7.00000	41.00000	40.20000	-0.19653	37.561	-0.18715	-1.7559	2.2957E-6
8.00000	41.00000	40.20000	-0.19632	37.561	-0.18156	-1.7540	2.4104E-6
9.00000	41.00000	40.20000	-0.19452	37.561	-0.17349	-1.7400	2.5352E-6
10.00000	41.00000	40.20000	-0.19124	37.561	-0.16349	-1.7146	2.6607E-6
11.00000	41.00000	40.20000	-0.18662	37.561	-0.15218	-1.6791	2.7780E-6
12.00000	41.00000	40.20000	-0.18084	37.561	-0.14014	-1.6348	2.8794E-6
13.00000	41.00000	40.20000	-0.17406	37.561	-0.12787	-1.5832	2.9590E-6
14.00000	41.00000	40.20000	-0.16649	37.561	-0.11579	-1.5257	3.0134E-6
15.00000	41.00000	40.20000	-0.15830	37.561	-0.10419	-1.4638	3.0412E-6
16.00000	41.00000	40.20000	-0.14968	37.561	-0.093290	-1.3988	3.0428E-6
17.00000	41.00000	40.20000	-0.14078	37.561	-0.083203	-1.3320	3.0201E-6
18.00000	41.00000	40.20000	-0.13174	37.561	-0.073988	-1.2645	2.9759E-6
19.00000	41.00000	40.20000	-0.12271	37.561	-0.065654	-1.1973	2.9133E-6
20.00000	41.00000	40.20000	-0.11378	37.561	-0.058173	-1.1310	2.8358E-6
21.00000	41.00000	40.20000	-0.10506	37.561	-0.051499	-1.0664	2.7468E-6
22.00000	41.00000	40.20000	-0.096615	37.561	-0.045571	-1.0039	2.6492E-6
23.00000	41.00000	40.20000	-0.088507	37.561	-0.040323	-0.94392	2.5457E-6
24.00000	41.00000	40.20000	-0.080779	37.561	-0.035687	-0.88662	2.4388E-6
25.00000	41.00000	40.20000	-0.073460	37.561	-0.031598	-0.83217	2.3303E-6
26.00000	41.00000	40.20000	-0.066568	37.561	-0.027996	-0.78065	2.2219E-6
27.00000	41.00000	40.20000	-0.060111	37.561	-0.024822	-0.73206	2.1147E-6
28.00000	41.00000	40.20000	-0.054090	37.561	-0.022027	-0.68636	2.0098E-6
29.00000	41.00000	40.20000	-0.048498	37.561	-0.019564	-0.64347	1.9078E-6
30.00000	41.00000	40.20000	-0.043323	37.561	-0.017393	-0.60329	1.8094E-6
31.00000	41.00000	40.20000	-0.038551	37.561	-0.015478	-0.56571	1.7147E-6
32.00000	41.00000	40.20000	-0.034164	37.561	-0.013789	-0.53060	1.6242E-6
33.00000	41.00000	40.20000	-0.030143	37.561	-0.012297	-0.49783	1.5378E-6
34.00000	41.00000	40.20000	-0.026466	37.561	-0.010978	-0.46726	1.4556E-6
35.00000	41.00000	40.20000	-0.023112	37.561	-0.0098116	-0.43875	1.3776E-6
36.00000	41.00000	40.20000	-0.020060	37.561	-0.0087791	-0.41219	1.3038E-6
37.00000	41.00000	40.20000	-0.017290	37.561	-0.0078644	-0.38743	1.2339E-6
38.00000	41.00000	40.20000	-0.014779	37.561	-0.0070532	-0.36436	1.1679E-6
39.00000	41.00000	40.20000	-0.012509	37.561	-0.0063333	-0.34287	1.1056E-6
40.00000	41.00000	40.20000	-0.010461	37.561	-0.0056937	-0.32284	1.0469E-6
41.00000	41.00000	40.20000	-0.0086161	37.561	-0.0051250	-0.30416	0.0 !
42.00000	41.00000	40.20000	-0.0069578	37.561	-0.0046188	-0.28675	0.0 !
43.00000	41.00000	40.20000	-0.0054703	37.561	-0.0041677	-0.27051	0.0 !
44.00000	41.00000	40.20000	-0.0041385	37.561	-0.0037655	-0.25536	0.0 !
45.00000	41.00000	40.20000	-0.0029487	37.561	-0.0034063	-0.24122	0.0 !
46.00000	41.00000	40.20000	-0.0018881	37.561	-0.0030852	-0.22801	0.0 !
47.00000	41.00000	40.20000	-944.89E-6	37.561	-0.0027979	-0.21567	0.0 !
48.00000	41.00000	40.20000	-108.08E-6	37.561	-0.0025405	-0.20413	0.0 !
49.00000	41.00000	40.20000	632.30E-6	37.561	-0.0023097	-0.19334	0.0 !
50.00000	41.00000	40.20000	0.0012855	37.561	-0.0021024	-0.18324	0.0 !
-10.00000	42.00000	40.20000	-0.072698	37.561	-0.045211	-0.82051	1.9918E-6
-9.00000	42.00000	40.20000	-0.081270	37.561	-0.052907	-0.88535	2.0595E-6
-8.00000	42.00000	40.20000	-0.090535	37.561	-0.061907	-0.95525	2.1172E-6
-7.00000	42.00000	40.20000	-0.10049	37.561	-0.072363	-1.0303	2.1617E-6
-6.00000	42.00000	40.20000	-0.11110	37.561	-0.084406	-1.1103	2.1898E-6

-5.00000	42.00000	40.20000	-0.12233	37.561	-0.098114	-1.1949	2.1985E-6	
-4.00000	42.00000	40.20000	-0.13406	37.561	-0.11349	-1.2836	2.1857E-6	
-3.00000	42.00000	40.20000	-0.14619	37.561	-0.13040	-1.3754	2.1506E-6	
-2.00000	42.00000	40.20000	-0.15852	37.561	-0.14857	-1.4690	2.0947E-6	
-1.00000	42.00000	40.20000	-0.17083	37.561	-0.16751	-1.5627	2.0222E-6	
0.00000	42.00000	40.20000	-0.18284	37.561	-0.18653	-1.6543	1.9406E-6	
1.00000	42.00000	40.20000	-0.19425	37.561	-0.20475	-1.7415	1.8601E-6	
2.00000	42.00000	40.20000	-0.20472	37.561	-0.22118	-1.8216	1.7934E-6	
3.00000	42.00000	40.20000	-0.21391	37.561	-0.23476	-1.8921	1.7534E-6	
4.00000	42.00000	40.20000	-0.22153	37.561	-0.24459	-1.9505	1.7514E-6	
5.00000	42.00000	40.20000	-0.22730	37.561	-0.24999	-1.9949	1.7951E-6	
6.00000	42.00000	40.20000	-0.23107	37.561	-0.25062	-2.0239	1.8865E-6	
7.00000	42.00000	40.20000	-0.23274	37.561	-0.24654	-2.0367	2.0216E-6	
8.00000	42.00000	40.20000	-0.23231	37.561	-0.23821	-2.0334	2.1910E-6	
9.00000	42.00000	40.20000	-0.22989	37.561	-0.22633	-2.0146	2.3811E-6	
10.00000	42.00000	40.20000	-0.22562	37.561	-0.21183	-1.9815	2.5766E-6	
11.00000	42.00000	40.20000	-0.21971	37.561	-0.19564	-1.9358	2.7631E-6	
12.00000	42.00000	40.20000	-0.21239	37.561	-0.17863	-1.8792	2.9280E-6	
13.00000	42.00000	40.20000	-0.20390	37.561	-0.16156	-1.8138	3.0625E-6	
14.00000	42.00000	40.20000	-0.19450	37.561	-0.14497	-1.7416	3.1615E-6	
15.00000	42.00000	40.20000	-0.18441	37.561	-0.12928	-1.6644	3.2231E-6	
16.00000	42.00000	40.20000	-0.17385	37.561	-0.11472	-1.5841	3.2483E-6	
17.00000	42.00000	40.20000	-0.16303	37.561	-0.10143	-1.5020	3.2401E-6	
18.00000	42.00000	40.20000	-0.15212	37.561	-0.089444	-1.4198	3.2026E-6	
19.00000	42.00000	40.20000	-0.14127	37.561	-0.078729	-1.3384	3.1407E-6	
20.00000	42.00000	40.20000	-0.13062	37.561	-0.069221	-1.2589	3.0591E-6	
21.00000	42.00000	40.20000	-0.12027	37.561	-0.060829	-1.1819	2.9625E-6	
22.00000	42.00000	40.20000	-0.11031	37.561	-0.053451	-1.1080	2.8550E-6	
23.00000	42.00000	40.20000	-0.10080	37.561	-0.046982	-1.0375	2.7401E-6	
24.00000	42.00000	40.20000	-0.091781	37.561	-0.041320	-0.97066	2.6210E-6	
25.00000	42.00000	40.20000	-0.083283	37.561	-0.036369	-0.90759	2.5000E-6	
26.00000	42.00000	40.20000	-0.075318	37.561	-0.032040	-0.84829	2.3791E-6	
27.00000	42.00000	40.20000	-0.067891	37.561	-0.028256	-0.79271	2.2599E-6	
28.00000	42.00000	40.20000	-0.060994	37.561	-0.024946	-0.74074	2.1435E-6	
29.00000	42.00000	40.20000	-0.054615	37.561	-0.022049	-0.69224	2.0306E-6	
30.00000	42.00000	40.20000	-0.048736	37.561	-0.019511	-0.64705	1.9220E-6	
31.00000	42.00000	40.20000	-0.043334	37.561	-0.017286	-0.60499	1.8179E-6	
32.00000	42.00000	40.20000	-0.038385	37.561	-0.015334	-0.56588	1.7185E-6	
33.00000	42.00000	40.20000	-0.033863	37.561	-0.013618	-0.52954	1.6240E-6	
34.00000	42.00000	40.20000	-0.029742	37.561	-0.012110	-0.49578	1.5344E-6	
35.00000	42.00000	40.20000	-0.025993	37.561	-0.010783	-0.46443	1.4496E-6	
36.00000	42.00000	40.20000	-0.022592	37.561	-0.0096129	-0.43532	1.3695E-6	
37.00000	42.00000	40.20000	-0.019512	37.561	-0.0085813	-0.40830	1.2940E-6	
38.00000	42.00000	40.20000	-0.016727	37.561	-0.0076705	-0.38320	1.2228E-6	
39.00000	42.00000	40.20000	-0.014215	37.561	-0.0068655	-0.35989	1.1557E-6	
40.00000	42.00000	40.20000	-0.011953	37.561	-0.0061533	-0.33824	1.0927E-6	
41.00000	42.00000	40.20000	-0.0099203	37.561	-0.0055224	-0.31811	1.0335E-6	!
42.00000	42.00000	40.20000	-0.0080961	37.561	-0.0049629	-0.29940	0.0	!
43.00000	42.00000	40.20000	-0.0064623	37.561	-0.0044662	-0.28199	0.0	!
44.00000	42.00000	40.20000	-0.0050019	37.561	-0.0040247	-0.26579	0.0	!
45.00000	42.00000	40.20000	-0.0036990	37.561	-0.0036318	-0.25070	0.0	!
46.00000	42.00000	40.20000	-0.0025389	37.561	-0.0032817	-0.23665	0.0	!
47.00000	42.00000	40.20000	-0.0015083	37.561	-0.0029694	-0.22355	0.0	!
48.00000	42.00000	40.20000	-594.81E-6	37.561	-0.0026905	-0.21132	0.0	!

49.00000	42.00000	40.20000	212.86E-6	37.561	-0.0024410	-0.19991	0.0	!
50.00000	42.00000	40.20000	925.01E-6	37.561	-0.0022176	-0.18925	0.0	!
-10.00000	43.00000	40.20000	-0.081647	37.561	-0.052106	-0.88886	2.0896E-6	
-9.00000	43.00000	40.20000	-0.091550	37.561	-0.061575	-0.96350	2.1543E-6	
-8.00000	43.00000	40.20000	-0.10233	37.561	-0.072808	-1.0447	2.2043E-6	
-7.00000	43.00000	40.20000	-0.11400	37.561	-0.086059	-1.1326	2.2348E-6	
-6.00000	43.00000	40.20000	-0.12654	37.561	-0.10157	-1.2273	2.2406E-6	
-5.00000	43.00000	40.20000	-0.13992	37.561	-0.11952	-1.3284	2.2169E-6	
-4.00000	43.00000	40.20000	-0.15403	37.561	-0.14000	-1.4355	2.1596E-6	
-3.00000	43.00000	40.20000	-0.16874	37.561	-0.16293	-1.5475	2.0668E-6	
-2.00000	43.00000	40.20000	-0.18384	37.561	-0.18799	-1.6628	1.9399E-6	
-1.00000	43.00000	40.20000	-0.19904	37.561	-0.21454	-1.7794	1.7847E-6	
0.00000	43.00000	40.20000	-0.21400	37.561	-0.24161	-1.8944	1.6127E-6	
1.00000	43.00000	40.20000	-0.22830	37.561	-0.26790	-2.0046	1.4407E-6	
2.00000	43.00000	40.20000	-0.24148	37.561	-0.29183	-2.1066	1.2897E-6	
3.00000	43.00000	40.20000	-0.25309	37.561	-0.31178	-2.1967	1.1823E-6	
4.00000	43.00000	40.20000	-0.26268	37.561	-0.32624	-2.2715	1.1387E-6	
5.00000	43.00000	40.20000	-0.26992	37.561	-0.33411	-2.3281	1.1731E-6	
6.00000	43.00000	40.20000	-0.27455	37.561	-0.33483	-2.3647	1.2901E-6	
7.00000	43.00000	40.20000	-0.27646	37.561	-0.32854	-2.3803	1.4833E-6	
8.00000	43.00000	40.20000	-0.27569	37.561	-0.31597	-2.3749	1.7372E-6	
9.00000	43.00000	40.20000	-0.27238	37.561	-0.29833	-2.3495	2.0291E-6	
10.00000	43.00000	40.20000	-0.26677	37.561	-0.27708	-2.3060	2.3338E-6	
11.00000	43.00000	40.20000	-0.25913	37.561	-0.25369	-2.2466	2.6274E-6	
12.00000	43.00000	40.20000	-0.24981	37.561	-0.22949	-2.1739	2.8902E-6	
13.00000	43.00000	40.20000	-0.23911	37.561	-0.20555	-2.0906	3.1087E-6	
14.00000	43.00000	40.20000	-0.22737	37.561	-0.18266	-1.9992	3.2756E-6	
15.00000	43.00000	40.20000	-0.21489	37.561	-0.16132	-1.9024	3.3887E-6	
16.00000	43.00000	40.20000	-0.20192	37.561	-0.14180	-1.8023	3.4503E-6	
17.00000	43.00000	40.20000	-0.18873	37.561	-0.12422	-1.7009	3.4654E-6	
18.00000	43.00000	40.20000	-0.17552	37.561	-0.10857	-1.6001	3.4404E-6	
19.00000	43.00000	40.20000	-0.16247	37.561	-0.094747	-1.5011	3.3823E-6	
20.00000	43.00000	40.20000	-0.14975	37.561	-0.082626	-1.4052	3.2980E-6	
21.00000	43.00000	40.20000	-0.13746	37.561	-0.072048	-1.3131	3.1941E-6	
22.00000	43.00000	40.20000	-0.12571	37.561	-0.062845	-1.2253	3.0762E-6	
23.00000	43.00000	40.20000	-0.11455	37.561	-0.054857	-1.1423	2.9489E-6	
24.00000	43.00000	40.20000	-0.10403	37.561	-0.047930	-1.0642	2.8164E-6	
25.00000	43.00000	40.20000	-0.094166	37.561	-0.041925	-0.99100	2.6816E-6	
26.00000	43.00000	40.20000	-0.084972	37.561	-0.036719	-0.92265	2.5470E-6	
27.00000	43.00000	40.20000	-0.076438	37.561	-0.032203	-0.85901	2.4145E-6	
28.00000	43.00000	40.20000	-0.068551	37.561	-0.028280	-0.79987	2.2854E-6	
29.00000	43.00000	40.20000	-0.061287	37.561	-0.024870	-0.74501	2.1606E-6	
30.00000	43.00000	40.20000	-0.054618	37.561	-0.021902	-0.69416	2.0408E-6	
31.00000	43.00000	40.20000	-0.048515	37.561	-0.019315	-0.64708	1.9264E-6	
32.00000	43.00000	40.20000	-0.042943	37.561	-0.017058	-0.60352	1.8175E-6	
33.00000	43.00000	40.20000	-0.037869	37.561	-0.015085	-0.56323	1.7143E-6	
34.00000	43.00000	40.20000	-0.033259	37.561	-0.013360	-0.52596	1.6167E-6	
35.00000	43.00000	40.20000	-0.029079	37.561	-0.011849	-0.49150	1.5246E-6	
36.00000	43.00000	40.20000	-0.025297	37.561	-0.010524	-0.45963	1.4378E-6	
37.00000	43.00000	40.20000	-0.021880	37.561	-0.0093614	-0.43014	1.3562E-6	
38.00000	43.00000	40.20000	-0.018799	37.561	-0.0083390	-0.40286	1.2795E-6	
39.00000	43.00000	40.20000	-0.016026	37.561	-0.0074393	-0.37760	1.2075E-6	
40.00000	43.00000	40.20000	-0.013535	37.561	-0.0066465	-0.35421	1.1399E-6	
41.00000	43.00000	40.20000	-0.011300	37.561	-0.0059471	-0.33253	1.0765E-6	!

42.00000	43.00000	40.20000	-0.0092979	37.561	-0.0053292	-0.31244	1.0171E-6	!
43.00000	43.00000	40.20000	-0.0075083	37.561	-0.0047826	-0.29380	0.0	!
44.00000	43.00000	40.20000	-0.0059110	37.561	-0.0042985	-0.27649	0.0	!
45.00000	43.00000	40.20000	-0.0044880	37.561	-0.0038692	-0.26042	0.0	!
46.00000	43.00000	40.20000	-0.0032227	37.561	-0.0034879	-0.24548	0.0	!
47.00000	43.00000	40.20000	-0.0020998	37.561	-0.0031487	-0.23158	0.0	!
48.00000	43.00000	40.20000	-0.0011054	37.561	-0.0028467	-0.21864	0.0	!
49.00000	43.00000	40.20000	-226.94E-6	37.561	-0.0025774	-0.20658	0.0	!
50.00000	43.00000	40.20000	547.17E-6	37.561	-0.0023369	-0.19535	0.0	!
-10.00000	44.00000	40.20000	-0.091357	37.561	-0.059898	-0.96263	2.1876E-6	
-9.00000	44.00000	40.20000	-0.10277	37.561	-0.071503	-1.0485	2.2466E-6	
-8.00000	44.00000	40.20000	-0.11529	37.561	-0.085478	-1.1428	2.2843E-6	
-7.00000	44.00000	40.20000	-0.12895	37.561	-0.10223	-1.2458	2.2936E-6	
-6.00000	44.00000	40.20000	-0.14377	37.561	-0.12218	-1.3580	2.2662E-6	
-5.00000	44.00000	40.20000	-0.15971	37.561	-0.14568	-1.4791	2.1941E-6	
-4.00000	44.00000	40.20000	-0.17670	37.561	-0.17300	-1.6088	2.0699E-6	
-3.00000	44.00000	40.20000	-0.19460	37.561	-0.20417	-1.7459	1.8891E-6	
-2.00000	44.00000	40.20000	-0.21316	37.561	-0.23888	-1.8888	1.6518E-6	
-1.00000	44.00000	40.20000	-0.23204	37.561	-0.27635	-2.0347	1.3658E-6	
0.00000	44.00000	40.20000	-0.25079	37.561	-0.31521	-2.1802	1.0480E-6	
1.00000	44.00000	40.20000	-0.26886	37.561	-0.35350	-2.3210	0.0	
2.00000	44.00000	40.20000	-0.28561	37.561	-0.38881	-2.4520	0.0	
3.00000	44.00000	40.20000	-0.30041	37.561	-0.41849	-2.5684	0.0	
4.00000	44.00000	40.20000	-0.31262	37.561	-0.44008	-2.6652	0.0	
5.00000	44.00000	40.20000	-0.32176	37.561	-0.45173	-2.7384	0.0	
6.00000	44.00000	40.20000	-0.32747	37.561	-0.45256	-2.7852	0.0	
7.00000	44.00000	40.20000	-0.32963	37.561	-0.44279	-2.8043	0.0	
8.00000	44.00000	40.20000	-0.32831	37.561	-0.42367	-2.7959	0.0	
9.00000	44.00000	40.20000	-0.32373	37.561	-0.39722	-2.7616	1.3720E-6	
10.00000	44.00000	40.20000	-0.31625	37.561	-0.36581	-2.7040	1.8466E-6	
11.00000	44.00000	40.20000	-0.30631	37.561	-0.33176	-2.6263	2.3056E-6	
12.00000	44.00000	40.20000	-0.29434	37.561	-0.29711	-2.5322	2.7181E-6	
13.00000	44.00000	40.20000	-0.28078	37.561	-0.26338	-2.4251	3.0638E-6	
14.00000	44.00000	40.20000	-0.26606	37.561	-0.23163	-2.3087	3.3326E-6	
15.00000	44.00000	40.20000	-0.25054	37.561	-0.20248	-2.1863	3.5230E-6	
16.00000	44.00000	40.20000	-0.23456	37.561	-0.17620	-2.0608	3.6394E-6	
17.00000	44.00000	40.20000	-0.21843	37.561	-0.15286	-1.9348	3.6903E-6	
18.00000	44.00000	40.20000	-0.20239	37.561	-0.13234	-1.8104	3.6857E-6	
19.00000	44.00000	40.20000	-0.18668	37.561	-0.11446	-1.6894	3.6361E-6	
20.00000	44.00000	40.20000	-0.17146	37.561	-0.098957	-1.5731	3.5516E-6	
21.00000	44.00000	40.20000	-0.15686	37.561	-0.085583	-1.4624	3.4412E-6	
22.00000	44.00000	40.20000	-0.14299	37.561	-0.074077	-1.3579	3.3125E-6	
23.00000	44.00000	40.20000	-0.12990	37.561	-0.064191	-1.2598	3.1720E-6	
24.00000	44.00000	40.20000	-0.11763	37.561	-0.055702	-1.1683	3.0249E-6	
25.00000	44.00000	40.20000	-0.10619	37.561	-0.048410	-1.0832	2.8750E-6	
26.00000	44.00000	40.20000	-0.095591	37.561	-0.042141	-1.0044	2.7254E-6	
27.00000	44.00000	40.20000	-0.085801	37.561	-0.036745	-0.93144	2.5783E-6	
28.00000	44.00000	40.20000	-0.076794	37.561	-0.032093	-0.86410	2.4353E-6	
29.00000	44.00000	40.20000	-0.068537	37.561	-0.028076	-0.80201	2.2976E-6	
30.00000	44.00000	40.20000	-0.060989	37.561	-0.024602	-0.74480	2.1657E-6	
31.00000	44.00000	40.20000	-0.054107	37.561	-0.021593	-0.69212	2.0401E-6	
32.00000	44.00000	40.20000	-0.047847	37.561	-0.018982	-0.64361	1.9210E-6	
33.00000	44.00000	40.20000	-0.042167	37.561	-0.016714	-0.59896	1.8084E-6	
34.00000	44.00000	40.20000	-0.037022	37.561	-0.014740	-0.55784	1.7023E-6	

35.00000	44.00000	40.20000	-0.032371	37.561	-0.013021	-0.51998	1.6024E-6	
36.00000	44.00000	40.20000	-0.028175	37.561	-0.011520	-0.48510	1.5085E-6	
37.00000	44.00000	40.20000	-0.024394	37.561	-0.010209	-0.45296	1.4205E-6	
38.00000	44.00000	40.20000	-0.020994	37.561	-0.0090620	-0.42332	1.3380E-6	
39.00000	44.00000	40.20000	-0.017941	37.561	-0.0080569	-0.39598	1.2607E-6	
40.00000	44.00000	40.20000	-0.015203	37.561	-0.0071751	-0.37074	1.1883E-6	
41.00000	44.00000	40.20000	-0.012752	37.561	-0.0064002	-0.34742	1.1206E-6	!
42.00000	44.00000	40.20000	-0.010562	37.561	-0.0057183	-0.32586	1.0573E-6	!
43.00000	44.00000	40.20000	-0.0086065	37.561	-0.0051174	-0.30592	0.0	!
44.00000	44.00000	40.20000	-0.0068642	37.561	-0.0045872	-0.28745	0.0	!
45.00000	44.00000	40.20000	-0.0053143	37.561	-0.0041184	-0.27034	0.0	!
46.00000	44.00000	40.20000	-0.0039379	37.561	-0.0037036	-0.25447	0.0	!
47.00000	44.00000	40.20000	-0.0027179	37.561	-0.0033357	-0.23974	0.0	!
48.00000	44.00000	40.20000	-0.0016386	37.561	-0.0030092	-0.22606	0.0	!
49.00000	44.00000	40.20000	-685.95E-6	37.561	-0.0027188	-0.21334	0.0	!
50.00000	44.00000	40.20000	152.97E-6	37.561	-0.0024601	-0.20151	0.0	!
-10.00000	45.00000	40.20000	-0.10183	37.561	-0.068606	-1.0419	2.2855E-6	
-9.00000	45.00000	40.20000	-0.11495	37.561	-0.082754	-1.1406	2.3355E-6	
-8.00000	45.00000	40.20000	-0.12945	37.561	-0.10006	-1.2499	2.3556E-6	
-7.00000	45.00000	40.20000	-0.14541	37.561	-0.12115	-1.3707	2.3347E-6	
-6.00000	45.00000	40.20000	-0.16289	37.561	-0.14671	-1.5035	2.2603E-6	
-5.00000	45.00000	40.20000	-0.18189	37.561	-0.17741	-1.6487	2.1188E-6	
-4.00000	45.00000	40.20000	-0.20236	37.561	-0.21382	-1.8061	1.8972E-6	
-3.00000	45.00000	40.20000	-0.22418	37.561	-0.25622	-1.9746	1.5858E-6	
-2.00000	45.00000	40.20000	-0.24707	37.561	-0.30443	-2.1524	1.1815E-6	
-1.00000	45.00000	40.20000	-0.27065	37.561	-0.35752	-2.3362	0.0	
0.00000	45.00000	40.20000	-0.29432	37.561	-0.41365	-2.5216	0.0	
1.00000	45.00000	40.20000	-0.31735	37.561	-0.46991	-2.7028	0.0	
2.00000	45.00000	40.20000	-0.33887	37.561	-0.52252	-2.8730	0.0	
3.00000	45.00000	40.20000	-0.35794	37.561	-0.56720	-3.0250	-1.3715E-6	
4.00000	45.00000	40.20000	-0.37366	37.561	-0.59988	-3.1518	-1.6227E-6	
5.00000	45.00000	40.20000	-0.38530	37.561	-0.61744	-3.2476	-1.6577E-6	
6.00000	45.00000	40.20000	-0.39238	37.561	-0.61840	-3.3083	-1.4583E-6	
7.00000	45.00000	40.20000	-0.39475	37.561	-0.60316	-3.3322	-1.0401E-6	
8.00000	45.00000	40.20000	-0.39254	37.561	-0.57388	-3.3197	0.0	
9.00000	45.00000	40.20000	-0.38613	37.561	-0.53394	-3.2732	0.0	
10.00000	45.00000	40.20000	-0.37608	37.561	-0.48722	-3.1965	0.0	
11.00000	45.00000	40.20000	-0.36301	37.561	-0.43741	-3.0943	1.7036E-6	
12.00000	45.00000	40.20000	-0.34754	37.561	-0.38756	-2.9714	2.3430E-6	
13.00000	45.00000	40.20000	-0.33026	37.561	-0.33985	-2.8330	2.8790E-6	
14.00000	45.00000	40.20000	-0.31169	37.561	-0.29566	-2.6836	3.2989E-6	
15.00000	45.00000	40.20000	-0.29232	37.561	-0.25570	-2.5277	3.6030E-6	
16.00000	45.00000	40.20000	-0.27256	37.561	-0.22020	-2.3692	3.8004E-6	
17.00000	45.00000	40.20000	-0.25278	37.561	-0.18908	-2.2113	3.9050E-6	
18.00000	45.00000	40.20000	-0.23327	37.561	-0.16208	-2.0569	3.9325E-6	
19.00000	45.00000	40.20000	-0.21431	37.561	-0.13884	-1.9080	3.8985E-6	
20.00000	45.00000	40.20000	-0.19607	37.561	-0.11894	-1.7663	3.8175E-6	
21.00000	45.00000	40.20000	-0.17871	37.561	-0.10198	-1.6328	3.7021E-6	
22.00000	45.00000	40.20000	-0.16233	37.561	-0.087554	-1.5078	3.5630E-6	
23.00000	45.00000	40.20000	-0.14698	37.561	-0.075291	-1.3917	3.4087E-6	
24.00000	45.00000	40.20000	-0.13268	37.561	-0.064866	-1.2843	3.2459E-6	
25.00000	45.00000	40.20000	-0.11944	37.561	-0.055996	-1.1852	3.0797E-6	
26.00000	45.00000	40.20000	-0.10723	37.561	-0.048437	-1.0941	2.9138E-6	
27.00000	45.00000	40.20000	-0.096020	37.561	-0.041982	-1.0105	2.7510E-6	

28.00000	45.00000	40.20000	-0.085756	37.561	-0.036458	-0.93378	2.5930E-6	
29.00000	45.00000	40.20000	-0.076388	37.561	-0.031723	-0.86352	2.4413E-6	
30.00000	45.00000	40.20000	-0.067861	37.561	-0.027654	-0.79916	2.2964E-6	
31.00000	45.00000	40.20000	-0.060119	37.561	-0.024151	-0.74021	2.1589E-6	
32.00000	45.00000	40.20000	-0.053103	37.561	-0.021131	-0.68623	2.0288E-6	
33.00000	45.00000	40.20000	-0.046758	37.561	-0.018521	-0.63677	1.9062E-6	
34.00000	45.00000	40.20000	-0.041031	37.561	-0.016263	-0.59144	1.7910E-6	
35.00000	45.00000	40.20000	-0.035870	37.561	-0.014306	-0.54988	1.6828E-6	
36.00000	45.00000	40.20000	-0.031225	37.561	-0.012607	-0.51175	1.5815E-6	
37.00000	45.00000	40.20000	-0.027053	37.561	-0.011129	-0.47674	1.4867E-6	
38.00000	45.00000	40.20000	-0.023310	37.561	-0.0098428	-0.44458	1.3981E-6	
39.00000	45.00000	40.20000	-0.019957	37.561	-0.0087206	-0.41501	1.3153E-6	
40.00000	45.00000	40.20000	-0.016956	37.561	-0.0077403	-0.38779	1.2379E-6	
41.00000	45.00000	40.20000	-0.014276	37.561	-0.0068826	-0.36273	1.1657E-6	!
42.00000	45.00000	40.20000	-0.011885	37.561	-0.0061308	-0.33963	1.0983E-6	!
43.00000	45.00000	40.20000	-0.0097546	37.561	-0.0054709	-0.31832	1.0353E-6	!
44.00000	45.00000	40.20000	-0.0078593	37.561	-0.0048906	-0.29864	0.0	!
45.00000	45.00000	40.20000	-0.0061758	37.561	-0.0043795	-0.28045	0.0	!
46.00000	45.00000	40.20000	-0.0046828	37.561	-0.0039286	-0.26361	0.0	!
47.00000	45.00000	40.20000	-0.0033610	37.561	-0.0035302	-0.24803	0.0	!
48.00000	45.00000	40.20000	-0.0021929	37.561	-0.0031775	-0.23358	0.0	!
49.00000	45.00000	40.20000	-0.0011628	37.561	-0.0028648	-0.22017	0.0	!
50.00000	45.00000	40.20000	-256.34E-6	37.561	-0.0025871	-0.20772	0.0	!
-10.00000	46.00000	40.20000	-0.11304	37.561	-0.078212	-1.1265	2.3835E-6	
-9.00000	46.00000	40.20000	-0.12807	37.561	-0.095339	-1.2396	2.4211E-6	
-8.00000	46.00000	40.20000	-0.14481	37.561	-0.11661	-1.3662	2.4172E-6	
-7.00000	46.00000	40.20000	-0.16341	37.561	-0.14299	-1.5076	2.3557E-6	
-6.00000	46.00000	40.20000	-0.18398	37.561	-0.17557	-1.6649	2.2174E-6	
-5.00000	46.00000	40.20000	-0.20660	37.561	-0.21548	-1.8389	1.9801E-6	
-4.00000	46.00000	40.20000	-0.23127	37.561	-0.26383	-2.0301	1.6214E-6	
-3.00000	46.00000	40.20000	-0.25790	37.561	-0.32138	-2.2376	1.1216E-6	
-2.00000	46.00000	40.20000	-0.28623	37.561	-0.38830	-2.4596	0.0	
-1.00000	46.00000	40.20000	-0.31581	37.561	-0.46365	-2.6923	0.0	
0.00000	46.00000	40.20000	-0.34590	37.561	-0.54500	-2.9302	-1.2323E-6	
1.00000	46.00000	40.20000	-0.37553	37.561	-0.62812	-3.1655	-2.1876E-6	
2.00000	46.00000	40.20000	-0.40345	37.561	-0.70709	-3.3886	-3.0966E-6	
3.00000	46.00000	40.20000	-0.42831	37.561	-0.77498	-3.5894	-3.8459E-6	
4.00000	46.00000	40.20000	-0.44879	37.561	-0.82500	-3.7576	-4.3243E-6	
5.00000	46.00000	40.20000	-0.46378	37.561	-0.85188	-3.8846	-4.4485E-6	
6.00000	46.00000	40.20000	-0.47262	37.561	-0.85308	-3.9646	-4.1845E-6	
7.00000	46.00000	40.20000	-0.47509	37.561	-0.82935	-3.9952	-3.5575E-6	
8.00000	46.00000	40.20000	-0.47148	37.561	-0.78440	-3.9771	-2.6448E-6	
9.00000	46.00000	40.20000	-0.46243	37.561	-0.72390	-3.9140	-1.5572E-6	
10.00000	46.00000	40.20000	-0.44879	37.561	-0.65423	-3.8116	0.0	
11.00000	46.00000	40.20000	-0.43147	37.561	-0.58119	-3.6764	0.0	
12.00000	46.00000	40.20000	-0.41135	37.561	-0.50934	-3.5153	1.6654E-6	
13.00000	46.00000	40.20000	-0.38920	37.561	-0.44174	-3.3350	2.4826E-6	
14.00000	46.00000	40.20000	-0.36569	37.561	-0.38010	-3.1419	3.1236E-6	
15.00000	46.00000	40.20000	-0.34142	37.561	-0.32515	-2.9418	3.5934E-6	
16.00000	46.00000	40.20000	-0.31689	37.561	-0.27698	-2.7398	3.9091E-6	
17.00000	46.00000	40.20000	-0.29255	37.561	-0.23529	-2.5404	4.0932E-6	
18.00000	46.00000	40.20000	-0.26876	37.561	-0.19958	-2.3473	4.1698E-6	
19.00000	46.00000	40.20000	-0.24581	37.561	-0.16922	-2.1630	4.1621E-6	
20.00000	46.00000	40.20000	-0.22394	37.561	-0.14356	-1.9894	4.0908E-6	

21.00000	46.00000	40.20000	-0.20328	37.561	-0.12195	-1.8275	3.9737E-6	
22.00000	46.00000	40.20000	-0.18394	37.561	-0.10379	-1.6776	3.8254E-6	
23.00000	46.00000	40.20000	-0.16594	37.561	-0.088536	-1.5397	3.6572E-6	
24.00000	46.00000	40.20000	-0.14930	37.561	-0.075705	-1.4133	3.4781E-6	
25.00000	46.00000	40.20000	-0.13399	37.561	-0.064894	-1.2979	3.2946E-6	
26.00000	46.00000	40.20000	-0.11995	37.561	-0.055763	-1.1925	3.1114E-6	
27.00000	46.00000	40.20000	-0.10713	37.561	-0.048031	-1.0966	2.9317E-6	
28.00000	46.00000	40.20000	-0.095459	37.561	-0.041466	-1.0093	2.7578E-6	
29.00000	46.00000	40.20000	-0.084855	37.561	-0.035877	-0.92976	2.5911E-6	
30.00000	46.00000	40.20000	-0.075246	37.561	-0.031107	-0.85738	2.4324E-6	
31.00000	46.00000	40.20000	-0.066556	37.561	-0.027027	-0.79148	2.2822E-6	
32.00000	46.00000	40.20000	-0.058712	37.561	-0.023530	-0.73143	2.1405E-6	
33.00000	46.00000	40.20000	-0.051644	37.561	-0.020527	-0.67670	2.0074E-6	
34.00000	46.00000	40.20000	-0.045284	37.561	-0.017943	-0.62677	1.8826E-6	
35.00000	46.00000	40.20000	-0.039571	37.561	-0.015715	-0.58119	1.7657E-6	
36.00000	46.00000	40.20000	-0.034445	37.561	-0.013791	-0.53954	1.6566E-6	
37.00000	46.00000	40.20000	-0.029852	37.561	-0.012127	-0.50146	1.5546E-6	
38.00000	46.00000	40.20000	-0.025742	37.561	-0.010685	-0.46659	1.4596E-6	
39.00000	46.00000	40.20000	-0.022069	37.561	-0.0094325	-0.43465	1.3710E-6	
40.00000	46.00000	40.20000	-0.018790	37.561	-0.0083436	-0.40535	1.2884E-6	
41.00000	46.00000	40.20000	-0.015867	37.561	-0.0073949	-0.37845	1.2115E-6	!
42.00000	46.00000	40.20000	-0.013264	37.561	-0.0065669	-0.35373	1.1399E-6	!
43.00000	46.00000	40.20000	-0.010949	37.561	-0.0058429	-0.33098	1.0731E-6	!
44.00000	46.00000	40.20000	-0.0088934	37.561	-0.0052087	-0.31003	1.0110E-6	!
45.00000	46.00000	40.20000	-0.0070699	37.561	-0.0046521	-0.29071	0.0	!
46.00000	46.00000	40.20000	-0.0054549	37.561	-0.0041628	-0.27288	0.0	!
47.00000	46.00000	40.20000	-0.0040269	37.561	-0.0037318	-0.25640	0.0	!
48.00000	46.00000	40.20000	-0.0027664	37.561	-0.0033515	-0.24116	0.0	!
49.00000	46.00000	40.20000	-0.0016558	37.561	-0.0030152	-0.22704	0.0	!
50.00000	46.00000	40.20000	-679.28E-6	37.561	-0.0027175	-0.21396	0.0	!
-10.00000	47.00000	40.20000	-0.12495	37.561	-0.088638	-1.2163	2.4822E-6	
-9.00000	47.00000	40.20000	-0.14209	37.561	-0.10919	-1.3456	2.5040E-6	
-8.00000	47.00000	40.20000	-0.16135	37.561	-0.13511	-1.4917	2.4697E-6	
-7.00000	47.00000	40.20000	-0.18294	37.561	-0.16783	-1.6567	2.3563E-6	
-6.00000	47.00000	40.20000	-0.20708	37.561	-0.20899	-1.8426	2.1347E-6	
-5.00000	47.00000	40.20000	-0.23394	37.561	-0.26048	-2.0510	1.7701E-6	
-4.00000	47.00000	40.20000	-0.26363	37.561	-0.32423	-2.2831	1.2247E-6	
-3.00000	47.00000	40.20000	-0.29613	37.561	-0.40192	-2.5389	0.0	
-2.00000	47.00000	40.20000	-0.33126	37.561	-0.49443	-2.8168	0.0	
-1.00000	47.00000	40.20000	-0.36851	37.561	-0.60112	-3.1126	-1.7918E-6	
0.00000	47.00000	40.20000	-0.40700	37.561	-0.71898	-3.4195	-3.2434E-6	
1.00000	47.00000	40.20000	-0.44542	37.561	-0.84196	-3.7272	-4.8033E-6	
2.00000	47.00000	40.20000	-0.48203	37.561	-0.96092	-4.0226	-6.3209E-6	
3.00000	47.00000	40.20000	-0.51482	37.561	-1.0647	-4.2906	-7.6059E-6	
4.00000	47.00000	40.20000	-0.54181	37.561	-1.1418	-4.5164	-8.4658E-6	
5.00000	47.00000	40.20000	-0.56135	37.561	-1.1835	-4.6874	-8.7528E-6	
6.00000	47.00000	40.20000	-0.57244	37.561	-1.1854	-4.7948	-8.4043E-6	
7.00000	47.00000	40.20000	-0.57484	37.561	-1.1488	-4.8351	-7.4612E-6	
8.00000	47.00000	40.20000	-0.56908	37.561	-1.0800	-4.8099	-6.0558E-6	
9.00000	47.00000	40.20000	-0.55622	37.561	-0.98856	-4.7248	-4.3756E-6	
10.00000	47.00000	40.20000	-0.53758	37.561	-0.88487	-4.5879	-2.6159E-6	
11.00000	47.00000	40.20000	-0.51451	37.561	-0.77799	-4.4085	0.0	
12.00000	47.00000	40.20000	-0.48821	37.561	-0.67462	-4.1961	0.0	
13.00000	47.00000	40.20000	-0.45969	37.561	-0.57885	-3.9598	1.7651E-6	

14.00000	47.00000	40.20000	-0.42980	37.561	-0.49273	-3.7081	2.7260E-6	
15.00000	47.00000	40.20000	-0.39926	37.561	-0.41690	-3.4488	3.4357E-6	
16.00000	47.00000	40.20000	-0.36869	37.561	-0.35118	-3.1891	3.9239E-6	
17.00000	47.00000	40.20000	-0.33864	37.561	-0.29495	-2.9350	4.2261E-6	
18.00000	47.00000	40.20000	-0.30953	37.561	-0.24734	-2.6914	4.3782E-6	
19.00000	47.00000	40.20000	-0.28172	37.561	-0.20740	-2.4615	4.4139E-6	
20.00000	47.00000	40.20000	-0.25544	37.561	-0.17408	-2.2475	4.3627E-6	
21.00000	47.00000	40.20000	-0.23084	37.561	-0.14641	-2.0503	4.2497E-6	
22.00000	47.00000	40.20000	-0.20800	37.561	-0.12345	-1.8699	4.0950E-6	
23.00000	47.00000	40.20000	-0.18693	37.561	-0.10441	-1.7058	3.9141E-6	
24.00000	47.00000	40.20000	-0.16758	37.561	-0.088570	-1.5569	3.7188E-6	
25.00000	47.00000	40.20000	-0.14990	37.561	-0.075363	-1.4222	3.5176E-6	
26.00000	47.00000	40.20000	-0.13380	37.561	-0.064314	-1.3004	3.3164E-6	
27.00000	47.00000	40.20000	-0.11917	37.561	-0.055037	-1.1903	3.1191E-6	
28.00000	47.00000	40.20000	-0.10592	37.561	-0.047221	-1.0909	2.9285E-6	
29.00000	47.00000	40.20000	-0.093949	37.561	-0.040617	-1.0010	2.7462E-6	
30.00000	47.00000	40.20000	-0.083148	37.561	-0.035019	-0.91962	2.5730E-6	
31.00000	47.00000	40.20000	-0.073420	37.561	-0.030262	-0.84599	2.4095E-6	
32.00000	47.00000	40.20000	-0.064673	37.561	-0.026211	-0.77927	2.2557E-6	
33.00000	47.00000	40.20000	-0.056819	37.561	-0.022753	-0.71876	2.1115E-6	
34.00000	47.00000	40.20000	-0.049776	37.561	-0.019794	-0.66382	1.9766E-6	
35.00000	47.00000	40.20000	-0.043469	37.561	-0.017258	-0.61389	1.8507E-6	
36.00000	47.00000	40.20000	-0.037827	37.561	-0.015080	-0.56845	1.7333E-6	
37.00000	47.00000	40.20000	-0.032785	37.561	-0.013206	-0.52707	1.6240E-6	
38.00000	47.00000	40.20000	-0.028285	37.561	-0.011590	-0.48933	1.5223E-6	
39.00000	47.00000	40.20000	-0.024273	37.561	-0.010194	-0.45487	1.4277E-6	
40.00000	47.00000	40.20000	-0.020700	37.561	-0.0089859	-0.42336	1.3398E-6	
41.00000	47.00000	40.20000	-0.017521	37.561	-0.0079377	-0.39453	1.2580E-6	!
42.00000	47.00000	40.20000	-0.014695	37.561	-0.0070268	-0.36810	1.1820E-6	!
43.00000	47.00000	40.20000	-0.012187	37.561	-0.0062335	-0.34386	1.1114E-6	!
44.00000	47.00000	40.20000	-0.0099629	37.561	-0.0055412	-0.32158	1.0456E-6	!
45.00000	47.00000	40.20000	-0.0079934	37.561	-0.0049359	-0.30110	0.0	!
46.00000	47.00000	40.20000	-0.0062515	37.561	-0.0044056	-0.28223	0.0	!
47.00000	47.00000	40.20000	-0.0047132	37.561	-0.0039401	-0.26484	0.0	!
48.00000	47.00000	40.20000	-0.0033569	37.561	-0.0035305	-0.24878	0.0	!
49.00000	47.00000	40.20000	-0.0021630	37.561	-0.0031696	-0.23395	0.0	!
50.00000	47.00000	40.20000	-0.0011141	37.561	-0.0028508	-0.22022	0.0	!
-10.00000	48.00000	40.20000	-0.13748	37.561	-0.099741	-1.3108	2.5832E-6	
-9.00000	48.00000	40.20000	-0.15693	37.561	-0.12413	-1.4579	2.5862E-6	
-8.00000	48.00000	40.20000	-0.17897	37.561	-0.15538	-1.6259	2.5156E-6	
-7.00000	48.00000	40.20000	-0.20392	37.561	-0.19548	-1.8178	2.3389E-6	
-6.00000	48.00000	40.20000	-0.23212	37.561	-0.24691	-2.0367	2.0137E-6	
-5.00000	48.00000	40.20000	-0.26389	37.561	-0.31260	-2.2856	1.4870E-6	
-4.00000	48.00000	40.20000	-0.29951	37.561	-0.39578	-2.5669	0.0	
-3.00000	48.00000	40.20000	-0.33913	37.561	-0.49963	-2.8820	0.0	
-2.00000	48.00000	40.20000	-0.38267	37.561	-0.62643	-3.2301	-1.9166E-6	
-1.00000	48.00000	40.20000	-0.42968	37.561	-0.77644	-3.6071	-3.8134E-6	
0.00000	48.00000	40.20000	-0.47911	37.561	-0.94630	-4.0048	-6.0670E-6	
1.00000	48.00000	40.20000	-0.52926	37.561	-1.1276	-4.4098	-8.5438E-6	
2.00000	48.00000	40.20000	-0.57766	37.561	-1.3066	-4.8038	-11.008E-6	
3.00000	48.00000	40.20000	-0.62137	37.561	-1.4651	-5.1654	-13.147E-6	
4.00000	48.00000	40.20000	-0.65737	37.561	-1.5846	-5.4724	-14.633E-6	
5.00000	48.00000	40.20000	-0.68314	37.561	-1.6499	-5.7059	-15.207E-6	
6.00000	48.00000	40.20000	-0.69718	37.561	-1.6538	-5.8530	-14.759E-6	

7.00000	48.00000	40.20000	-0.69925	37.561	-1.5984	-5.9086	-13.352E-6	
8.00000	48.00000	40.20000	-0.69029	37.561	-1.4945	-5.8752	-11.211E-6	
9.00000	48.00000	40.20000	-0.67202	37.561	-1.3577	-5.7614	-8.6481E-6	
10.00000	48.00000	40.20000	-0.64652	37.561	-1.2047	-5.5789	-5.9814E-6	
11.00000	48.00000	40.20000	-0.61572	37.561	-1.0495	-5.3408	-3.4673E-6	
12.00000	48.00000	40.20000	-0.58126	37.561	-0.90153	-5.0597	-1.2675E-6	
13.00000	48.00000	40.20000	-0.54443	37.561	-0.76619	-4.7478	0.0	
14.00000	48.00000	40.20000	-0.50628	37.561	-0.64568	-4.4166	1.9673E-6	
15.00000	48.00000	40.20000	-0.46769	37.561	-0.54043	-4.0771	3.0263E-6	
16.00000	48.00000	40.20000	-0.42942	37.561	-0.44994	-3.7394	3.7705E-6	
17.00000	48.00000	40.20000	-0.39214	37.561	-0.37323	-3.4119	4.2522E-6	
18.00000	48.00000	40.20000	-0.35640	37.561	-0.30905	-3.1015	4.5229E-6	
19.00000	48.00000	40.20000	-0.32260	37.561	-0.25592	-2.8124	4.6306E-6	
20.00000	48.00000	40.20000	-0.29098	37.561	-0.21228	-2.5470	4.6175E-6	
21.00000	48.00000	40.20000	-0.26168	37.561	-0.17658	-2.3056	4.5192E-6	
22.00000	48.00000	40.20000	-0.23472	37.561	-0.14740	-2.0878	4.3640E-6	
23.00000	48.00000	40.20000	-0.21006	37.561	-0.12352	-1.8919	4.1735E-6	
24.00000	48.00000	40.20000	-0.18761	37.561	-0.10390	-1.7164	3.9636E-6	
25.00000	48.00000	40.20000	-0.16723	37.561	-0.087726	-1.5591	3.7452E-6	
26.00000	48.00000	40.20000	-0.14879	37.561	-0.074325	-1.4183	3.5260E-6	
27.00000	48.00000	40.20000	-0.13215	37.561	-0.063172	-1.2921	3.3111E-6	
28.00000	48.00000	40.20000	-0.11716	37.561	-0.053852	-1.1789	3.1034E-6	
29.00000	48.00000	40.20000	-0.10367	37.561	-0.046034	-1.0773	2.9051E-6	
30.00000	48.00000	40.20000	-0.091562	37.561	-0.039456	-0.98597	2.7171E-6	
31.00000	48.00000	40.20000	-0.080703	37.561	-0.033904	-0.90379	2.5398E-6	
32.00000	48.00000	40.20000	-0.070976	37.561	-0.029207	-0.82974	2.3735E-6	
33.00000	48.00000	40.20000	-0.062275	37.561	-0.025222	-0.76292	2.2179E-6	
34.00000	48.00000	40.20000	-0.054498	37.561	-0.021834	-0.70255	2.0727E-6	
35.00000	48.00000	40.20000	-0.047555	37.561	-0.018947	-0.64792	1.9374E-6	
36.00000	48.00000	40.20000	-0.041362	37.561	-0.016482	-0.59843	1.8116E-6	
37.00000	48.00000	40.20000	-0.035844	37.561	-0.014372	-0.55352	1.6946E-6	
38.00000	48.00000	40.20000	-0.030932	37.561	-0.012563	-0.51272	1.5860E-6	
39.00000	48.00000	40.20000	-0.026562	37.561	-0.011008	-0.47560	1.4852E-6	
40.00000	48.00000	40.20000	-0.022678	37.561	-0.0096678	-0.44178	1.3917E-6	
41.00000	48.00000	40.20000	-0.019231	37.561	-0.0085110	-0.41092	1.3050E-6	!
42.00000	48.00000	40.20000	-0.016173	37.561	-0.0075101	-0.38272	1.2245E-6	!
43.00000	48.00000	40.20000	-0.013463	37.561	-0.0066420	-0.35691	1.1498E-6	!
44.00000	48.00000	40.20000	-0.011064	37.561	-0.0058875	-0.33327	1.0805E-6	!
45.00000	48.00000	40.20000	-0.0089425	37.561	-0.0052303	-0.31158	1.0161E-6	!
46.00000	48.00000	40.20000	-0.0070692	37.561	-0.0046565	-0.29165	0.0	!
47.00000	48.00000	40.20000	-0.0054169	37.561	-0.0041545	-0.27332	0.0	!
48.00000	48.00000	40.20000	-0.0039617	37.561	-0.0037142	-0.25643	0.0	!
49.00000	48.00000	40.20000	-0.0026821	37.561	-0.0033274	-0.24085	0.0	!
50.00000	48.00000	40.20000	-0.0015589	37.561	-0.0029867	-0.22646	0.0	!
-10.00000	49.00000	40.20000	-0.15053	37.561	-0.11130	-1.4092	2.6887E-6	
-9.00000	49.00000	40.20000	-0.17247	37.561	-0.13987	-1.5758	2.6713E-6	
-8.00000	49.00000	40.20000	-0.19754	37.561	-0.17703	-1.7681	2.5600E-6	
-7.00000	49.00000	40.20000	-0.22620	37.561	-0.22551	-1.9901	2.3104E-6	
-6.00000	49.00000	40.20000	-0.25895	37.561	-0.28884	-2.2467	1.8627E-6	
-5.00000	49.00000	40.20000	-0.29632	37.561	-0.37142	-2.5426	1.1390E-6	
-4.00000	49.00000	40.20000	-0.33885	37.561	-0.47839	-2.8824	0.0	
-3.00000	49.00000	40.20000	-0.38693	37.561	-0.61523	-3.2696	-1.5296E-6	
-2.00000	49.00000	40.20000	-0.44076	37.561	-0.78670	-3.7051	-3.6813E-6	
-1.00000	49.00000	40.20000	-0.50001	37.561	-0.99501	-4.1858	-6.4703E-6	

0.00000	49.00000	40.20000	-0.56356	37.561	-1.2371	-4.7026	-9.8646E-6	
1.00000	49.00000	40.20000	-0.62922	37.561	-1.5020	-5.2383	-13.685E-6	
2.00000	49.00000	40.20000	-0.69357	37.561	-1.7692	-5.7679	-17.578E-6	
3.00000	49.00000	40.20000	-0.75227	37.561	-2.0103	-6.2603	-21.040E-6	
4.00000	49.00000	40.20000	-0.80074	37.561	-2.1950	-6.6827	-23.526E-6	
5.00000	49.00000	40.20000	-0.83513	37.561	-2.2983	-7.0066	-24.599E-6	
6.00000	49.00000	40.20000	-0.85319	37.561	-2.3079	-7.2125	-24.061E-6	
7.00000	49.00000	40.20000	-0.85467	37.561	-2.2273	-7.2931	-22.015E-6	
8.00000	49.00000	40.20000	-0.84119	37.561	-2.0740	-7.2524	-18.827E-6	
9.00000	49.00000	40.20000	-0.81553	37.561	-1.8734	-7.1030	-15.004E-6	
10.00000	49.00000	40.20000	-0.78080	37.561	-1.6515	-6.8615	-11.051E-6	
11.00000	49.00000	40.20000	-0.73980	37.561	-1.4291	-6.5457	-7.3569E-6	
12.00000	49.00000	40.20000	-0.69469	37.561	-1.2193	-6.1725	-4.1453E-6	
13.00000	49.00000	40.20000	-0.64706	37.561	-1.0285	-5.7577	-1.4998E-6	
14.00000	49.00000	40.20000	-0.59818	37.561	-0.85918	-5.3172	0.0	
15.00000	49.00000	40.20000	-0.54912	37.561	-0.71143	-4.8666	2.1688E-6	
16.00000	49.00000	40.20000	-0.50090	37.561	-0.58478	-4.4211	3.3087E-6	
17.00000	49.00000	40.20000	-0.45440	37.561	-0.47823	-3.9935	4.0765E-6	
18.00000	49.00000	40.20000	-0.41030	37.561	-0.39016	-3.5934	4.5418E-6	
19.00000	49.00000	40.20000	-0.36908	37.561	-0.31843	-3.2264	4.7720E-6	
20.00000	49.00000	40.20000	-0.33098	37.561	-0.26055	-2.8948	4.8288E-6	
21.00000	49.00000	40.20000	-0.29606	37.561	-0.21407	-2.5982	4.7643E-6	
22.00000	49.00000	40.20000	-0.26426	37.561	-0.17673	-2.3343	4.6198E-6	
23.00000	49.00000	40.20000	-0.23545	37.561	-0.14664	-2.1004	4.4262E-6	
24.00000	49.00000	40.20000	-0.20944	37.561	-0.12226	-1.8932	4.2053E-6	
25.00000	49.00000	40.20000	-0.18601	37.561	-0.10239	-1.7096	3.9720E-6	
26.00000	49.00000	40.20000	-0.16496	37.561	-0.086089	-1.5468	3.7363E-6	
27.00000	49.00000	40.20000	-0.14608	37.561	-0.072649	-1.4022	3.5043E-6	
28.00000	49.00000	40.20000	-0.12915	37.561	-0.061511	-1.2736	3.2801E-6	
29.00000	49.00000	40.20000	-0.11401	37.561	-0.052240	-1.1589	3.0660E-6	
30.00000	49.00000	40.20000	-0.10048	37.561	-0.044497	-1.0565	2.8632E-6	
31.00000	49.00000	40.20000	-0.088393	37.561	-0.038008	-0.96490	2.6722E-6	
32.00000	49.00000	40.20000	-0.077610	37.561	-0.032555	-0.88282	2.4932E-6	
33.00000	49.00000	40.20000	-0.067998	37.561	-0.027960	-0.80915	2.3260E-6	
34.00000	49.00000	40.20000	-0.059436	37.561	-0.024079	-0.74290	2.1702E-6	
35.00000	49.00000	40.20000	-0.051816	37.561	-0.020792	-0.68323	2.0253E-6	
36.00000	49.00000	40.20000	-0.045040	37.561	-0.018002	-0.62940	1.8908E-6	
37.00000	49.00000	40.20000	-0.039018	37.561	-0.015629	-0.58075	1.7660E-6	
38.00000	49.00000	40.20000	-0.033671	37.561	-0.013604	-0.53672	1.6504E-6	
39.00000	49.00000	40.20000	-0.028925	37.561	-0.011873	-0.49679	1.5433E-6	
40.00000	49.00000	40.20000	-0.024718	37.561	-0.010389	-0.46054	1.4441E-6	
41.00000	49.00000	40.20000	-0.020990	37.561	-0.0091144	-0.42756	1.3522E-6	!
42.00000	49.00000	40.20000	-0.017690	37.561	-0.0080161	-0.39751	1.2671E-6	!
43.00000	49.00000	40.20000	-0.014770	37.561	-0.0070678	-0.37010	1.1884E-6	!
44.00000	49.00000	40.20000	-0.012190	37.561	-0.0062468	-0.34505	1.1154E-6	!
45.00000	49.00000	40.20000	-0.0099128	37.561	-0.0055344	-0.32211	1.0477E-6	!
46.00000	49.00000	40.20000	-0.0079040	37.561	-0.0049146	-0.30110	0.0	!
47.00000	49.00000	40.20000	-0.0061346	37.561	-0.0043742	-0.28180	0.0	!
48.00000	49.00000	40.20000	-0.0045779	37.561	-0.0039018	-0.26406	0.0	!
49.00000	49.00000	40.20000	-0.0032105	37.561	-0.0034880	-0.24773	0.0	!
50.00000	49.00000	40.20000	-0.0020113	37.561	-0.0031247	-0.23268	0.0	!
-10.00000	50.00000	40.20000	-0.16397	37.561	-0.12301	-1.5106	2.8018E-6	
-9.00000	50.00000	40.20000	-0.18855	37.561	-0.15600	-1.6982	2.7642E-6	
-8.00000	50.00000	40.20000	-0.21686	37.561	-0.19949	-1.9168	2.6104E-6	

-7.00000	50.00000	40.20000	-0.24954	37.561	-0.25713	-2.1721	2.2823E-6	
-6.00000	50.00000	40.20000	-0.28728	37.561	-0.33377	-2.4709	1.6984E-6	
-5.00000	50.00000	40.20000	-0.33092	37.561	-0.43569	-2.8206	0.0	
-4.00000	50.00000	40.20000	-0.38130	37.561	-0.57068	-3.2288	0.0	
-3.00000	50.00000	40.20000	-0.43925	37.561	-0.74759	-3.7023	-2.8404E-6	
-2.00000	50.00000	40.20000	-0.50538	37.561	-0.97516	-4.2456	-5.8218E-6	
-1.00000	50.00000	40.20000	-0.57969	37.561	-1.2593	-4.8578	-9.7831E-6	
0.00000	50.00000	40.20000	-0.66113	37.561	-1.5987	-5.5301	-14.731E-6	
1.00000	50.00000	40.20000	-0.74700	37.561	-1.9799	-6.2414	-20.447E-6	
2.00000	50.00000	40.20000	-0.83266	37.561	-2.3739	-6.9581	-26.420E-6	
3.00000	50.00000	40.20000	-0.91179	37.561	-2.7373	-7.6351	-31.872E-6	
4.00000	50.00000	40.20000	-0.97752	37.561	-3.0216	-8.2236	-35.924E-6	
5.00000	50.00000	40.20000	-1.0240	37.561	-3.1863	-8.6800	-37.853E-6	
6.00000	50.00000	40.20000	-1.0478	37.561	-3.2112	-8.9752	-37.322E-6	
7.00000	50.00000	40.20000	-1.0487	37.561	-3.1013	-9.0982	-34.486E-6	
8.00000	50.00000	40.20000	-1.0294	37.561	-2.8841	-9.0551	-29.916E-6	
9.00000	50.00000	40.20000	-0.99417	37.561	-2.5992	-8.8643	-24.410E-6	
10.00000	50.00000	40.20000	-0.94757	37.561	-2.2858	-8.5488	-18.734E-6	
11.00000	50.00000	40.20000	-0.89348	37.561	-1.9735	-8.1319	-13.450E-6	
12.00000	50.00000	40.20000	-0.83466	37.561	-1.6793	-7.6348	-8.8532E-6	
13.00000	50.00000	40.20000	-0.77298	37.561	-1.4107	-7.0781	-5.0266E-6	
14.00000	50.00000	40.20000	-0.70995	37.561	-1.1698	-6.4837	-1.9406E-6	
15.00000	50.00000	40.20000	-0.64702	37.561	-0.95771	-5.8754	0.0	
16.00000	50.00000	40.20000	-0.58564	37.561	-0.77538	-5.2770	2.2656E-6	
17.00000	50.00000	40.20000	-0.52710	37.561	-0.62300	-4.7093	3.5225E-6	
18.00000	50.00000	40.20000	-0.47233	37.561	-0.49899	-4.1866	4.3253E-6	
19.00000	50.00000	40.20000	-0.42185	37.561	-0.40010	-3.7162	4.7708E-6	
20.00000	50.00000	40.20000	-0.37584	37.561	-0.32218	-3.2991	4.9540E-6	
21.00000	50.00000	40.20000	-0.33422	37.561	-0.26101	-2.9329	4.9568E-6	
22.00000	50.00000	40.20000	-0.29677	37.561	-0.21288	-2.6127	4.8427E-6	
23.00000	50.00000	40.20000	-0.26318	37.561	-0.17477	-2.3330	4.6578E-6	
24.00000	50.00000	40.20000	-0.23312	37.561	-0.14435	-2.0886	4.4334E-6	
25.00000	50.00000	40.20000	-0.20627	37.561	-0.11985	-1.8745	4.1901E-6	
26.00000	50.00000	40.20000	-0.18231	37.561	-0.099973	-1.6866	3.9411E-6	
27.00000	50.00000	40.20000	-0.16094	37.561	-0.083731	-1.5211	3.6945E-6	
28.00000	50.00000	40.20000	-0.14191	37.561	-0.070384	-1.3751	3.4553E-6	
29.00000	50.00000	40.20000	-0.12496	37.561	-0.059365	-1.2459	3.2264E-6	
30.00000	50.00000	40.20000	-0.10988	37.561	-0.050231	-1.1312	3.0094E-6	
31.00000	50.00000	40.20000	-0.096470	37.561	-0.042634	-1.0293	2.8050E-6	
32.00000	50.00000	40.20000	-0.084553	37.561	-0.036296	-0.93845	2.6135E-6	
33.00000	50.00000	40.20000	-0.073969	37.561	-0.030994	-0.85735	2.4348E-6	
34.00000	50.00000	40.20000	-0.064573	37.561	-0.026545	-0.78478	2.2684E-6	
35.00000	50.00000	40.20000	-0.056236	37.561	-0.022804	-0.71971	2.1138E-6	
36.00000	50.00000	40.20000	-0.048844	37.561	-0.019648	-0.66126	1.9705E-6	
37.00000	50.00000	40.20000	-0.042293	37.561	-0.016979	-0.60866	1.8378E-6	
38.00000	50.00000	40.20000	-0.036490	37.561	-0.014716	-0.56122	1.7150E-6	
39.00000	50.00000	40.20000	-0.031353	37.561	-0.012791	-0.51836	1.6015E-6	
40.00000	50.00000	40.20000	-0.026808	37.561	-0.011150	-0.47957	1.4965E-6	
41.00000	50.00000	40.20000	-0.022790	37.561	-0.0097470	-0.44439	1.3995E-6	!
42.00000	50.00000	40.20000	-0.019239	37.561	-0.0085439	-0.41244	1.3098E-6	!
43.00000	50.00000	40.20000	-0.016104	37.561	-0.0075096	-0.38336	1.2268E-6	!
44.00000	50.00000	40.20000	-0.013338	37.561	-0.0066179	-0.35686	1.1501E-6	!
45.00000	50.00000	40.20000	-0.010899	37.561	-0.0058470	-0.33266	1.0791E-6	!
46.00000	50.00000	40.20000	-0.0087517	37.561	-0.0051789	-0.31052	1.0134E-6	!

47.00000	50.00000	40.20000	-0.0068625	37.561	-0.0045984	-0.29025	0.0	!
48.00000	50.00000	40.20000	-0.0052023	37.561	-0.0040925	-0.27165	0.0	!
49.00000	50.00000	40.20000	-0.0037455	37.561	-0.0036508	-0.25457	0.0	!
50.00000	50.00000	40.20000	-0.0024690	37.561	-0.0032639	-0.23884	0.0	!
-10.00000	51.00000	40.20000	-0.17763	37.561	-0.13451	-1.6139	2.9261E-6	
-9.00000	51.00000	40.20000	-0.20495	37.561	-0.17197	-1.8236	2.8711E-6	
-8.00000	51.00000	40.20000	-0.23667	37.561	-0.22199	-2.0702	2.6773E-6	
-7.00000	51.00000	40.20000	-0.27360	37.561	-0.28922	-2.3615	2.2710E-6	
-6.00000	51.00000	40.20000	-0.31670	37.561	-0.38008	-2.7068	1.5462E-6	
-5.00000	51.00000	40.20000	-0.36714	37.561	-0.50318	-3.1169	0.0	
-4.00000	51.00000	40.20000	-0.42624	37.561	-0.66968	-3.6035	-1.5036E-6	
-3.00000	51.00000	40.20000	-0.49537	37.561	-0.89313	-4.1788	-4.2793E-6	
-2.00000	51.00000	40.20000	-0.57579	37.561	-1.1881	-4.8528	-8.2538E-6	
-1.00000	51.00000	40.20000	-0.66813	37.561	-1.5669	-5.6302	-13.677E-6	
0.00000	51.00000	40.20000	-0.77167	37.561	-2.0330	-6.5047	-20.646E-6	
1.00000	51.00000	40.20000	-0.88338	37.561	-2.5722	-7.4529	-28.940E-6	
2.00000	51.00000	40.20000	-0.99715	37.561	-3.1452	-8.4298	-37.866E-6	
3.00000	51.00000	40.20000	-1.1040	37.561	-3.6880	-9.3707	-46.264E-6	
4.00000	51.00000	40.20000	-1.1937	37.561	-4.1249	-10.202	-52.757E-6	
5.00000	51.00000	40.20000	-1.2574	37.561	-4.3913	-10.856	-56.181E-6	
6.00000	51.00000	40.20000	-1.2901	37.561	-4.4543	-11.289	-55.980E-6	
7.00000	51.00000	40.20000	-1.2915	37.561	-4.3206	-11.485	-52.362E-6	
8.00000	51.00000	40.20000	-1.2657	37.561	-4.0313	-11.452	-46.185E-6	
9.00000	51.00000	40.20000	-1.2191	37.561	-3.6450	-11.218	-38.630E-6	
10.00000	51.00000	40.20000	-1.1581	37.561	-3.2180	-10.813	-30.808E-6	
11.00000	51.00000	40.20000	-1.0878	37.561	-2.7902	-10.266	-23.483E-6	
12.00000	51.00000	40.20000	-1.0115	37.561	-2.3821	-9.6018	-17.010E-6	
13.00000	51.00000	40.20000	-0.93132	37.561	-2.0006	-8.8461	-11.450E-6	
14.00000	51.00000	40.20000	-0.84901	37.561	-1.6486	-8.0291	-6.7543E-6	
15.00000	51.00000	40.20000	-0.76684	37.561	-1.3314	-7.1891	-2.8986E-6	
16.00000	51.00000	40.20000	-0.68728	37.561	-1.0565	-6.3671	0.0	
17.00000	51.00000	40.20000	-0.61248	37.561	-0.82897	-5.5984	2.2649E-6	
18.00000	51.00000	40.20000	-0.54376	37.561	-0.64813	-4.9051	3.6857E-6	
19.00000	51.00000	40.20000	-0.48162	37.561	-0.50828	-4.2956	4.5183E-6	
20.00000	51.00000	40.20000	-0.42595	37.561	-0.40154	-3.7680	4.9276E-6	
21.00000	51.00000	40.20000	-0.37637	37.561	-0.32016	-3.3146	5.0542E-6	
22.00000	51.00000	40.20000	-0.33234	37.561	-0.25768	-2.9258	5.0034E-6	
23.00000	51.00000	40.20000	-0.29329	37.561	-0.20918	-2.5917	4.8472E-6	
24.00000	51.00000	40.20000	-0.25867	37.561	-0.17107	-2.3038	4.6323E-6	
25.00000	51.00000	40.20000	-0.22799	37.561	-0.14077	-2.0546	4.3880E-6	
26.00000	51.00000	40.20000	-0.20081	37.561	-0.11644	-1.8380	4.1320E-6	
27.00000	51.00000	40.20000	-0.17672	37.561	-0.096742	-1.6491	3.8753E-6	
28.00000	51.00000	40.20000	-0.15538	37.561	-0.080698	-1.4836	3.6243E-6	
29.00000	51.00000	40.20000	-0.13648	37.561	-0.067562	-1.3382	3.3829E-6	
30.00000	51.00000	40.20000	-0.11973	37.561	-0.056762	-1.2101	3.1532E-6	
31.00000	51.00000	40.20000	-0.10491	37.561	-0.047851	-1.0968	2.9365E-6	
32.00000	51.00000	40.20000	-0.091780	37.561	-0.040475	-0.99652	2.7332E-6	
33.00000	51.00000	40.20000	-0.080163	37.561	-0.034351	-0.90741	2.5432E-6	
34.00000	51.00000	40.20000	-0.069885	37.561	-0.029251	-0.82806	2.3665E-6	
35.00000	51.00000	40.20000	-0.060794	37.561	-0.024992	-0.75725	2.2023E-6	
36.00000	51.00000	40.20000	-0.052757	37.561	-0.021423	-0.69391	2.0503E-6	
37.00000	51.00000	40.20000	-0.045653	37.561	-0.018425	-0.63713	1.9096E-6	
38.00000	51.00000	40.20000	-0.039376	37.561	-0.015897	-0.58612	1.7796E-6	
39.00000	51.00000	40.20000	-0.033833	37.561	-0.013761	-0.54020	1.6596E-6	

40.00000	51.00000	40.20000	-0.028939	37.561	-0.011949	-0.49878	1.5488E-6	
41.00000	51.00000	40.20000	-0.024621	37.561	-0.010407	-0.46133	1.4465E-6	!
42.00000	51.00000	40.20000	-0.020812	37.561	-0.0090917	-0.42741	1.3522E-6	!
43.00000	51.00000	40.20000	-0.017456	37.561	-0.0079658	-0.39663	1.2650E-6	!
44.00000	51.00000	40.20000	-0.014499	37.561	-0.0069992	-0.36865	1.1846E-6	!
45.00000	51.00000	40.20000	-0.011896	37.561	-0.0061669	-0.34316	1.1103E-6	!
46.00000	51.00000	40.20000	-0.0096075	37.561	-0.0054483	-0.31990	1.0415E-6	!
47.00000	51.00000	40.20000	-0.0075964	37.561	-0.0048259	-0.29864	0.0	!
48.00000	51.00000	40.20000	-0.0058312	37.561	-0.0042854	-0.27917	0.0	!
49.00000	51.00000	40.20000	-0.0042838	37.561	-0.0038147	-0.26132	0.0	!
50.00000	51.00000	40.20000	-0.0029292	37.561	-0.0034038	-0.24492	0.0	!
-10.00000	52.00000	40.20000	-0.19132	37.561	-0.14538	-1.7176	3.0655E-6	
-9.00000	52.00000	40.20000	-0.22144	37.561	-0.18719	-1.9501	2.9989E-6	
-8.00000	52.00000	40.20000	-0.25664	37.561	-0.24359	-2.2260	2.7723E-6	
-7.00000	52.00000	40.20000	-0.29796	37.561	-0.32037	-2.5554	2.2963E-6	
-6.00000	52.00000	40.20000	-0.34665	37.561	-0.42564	-2.9507	1.4389E-6	
-5.00000	52.00000	40.20000	-0.40428	37.561	-0.57071	-3.4267	0.0	
-4.00000	52.00000	40.20000	-0.47271	37.561	-0.77082	-4.0013	-2.2615E-6	
-3.00000	52.00000	40.20000	-0.55408	37.561	-1.0455	-4.6940	-5.7271E-6	
-2.00000	52.00000	40.20000	-0.65055	37.561	-1.4179	-5.5243	-10.818E-6	
-1.00000	52.00000	40.20000	-0.76380	37.561	-1.9105	-6.5068	-17.974E-6	
0.00000	52.00000	40.20000	-0.89403	37.561	-2.5371	-7.6438	-27.485E-6	
1.00000	52.00000	40.20000	-1.0383	37.561	-3.2885	-8.9132	-39.231E-6	
2.00000	52.00000	40.20000	-1.1893	37.561	-4.1166	-10.258	-52.373E-6	
3.00000	52.00000	40.20000	-1.3343	37.561	-4.9291	-11.584	-65.245E-6	
4.00000	52.00000	40.20000	-1.4582	37.561	-5.6081	-12.775	-75.696E-6	
5.00000	52.00000	40.20000	-1.5476	37.561	-6.0505	-13.729	-81.862E-6	
6.00000	52.00000	40.20000	-1.5951	37.561	-6.2034	-14.377	-82.839E-6	
7.00000	52.00000	40.20000	-1.6004	37.561	-6.0747	-14.696	-78.884E-6	
8.00000	52.00000	40.20000	-1.5693	37.561	-5.7226	-14.700	-71.208E-6	
9.00000	52.00000	40.20000	-1.5108	37.561	-5.2299	-14.428	-61.475E-6	
10.00000	52.00000	40.20000	-1.4336	37.561	-4.6727	-13.919	-51.195E-6	
11.00000	52.00000	40.20000	-1.3439	37.561	-4.1008	-13.206	-41.335E-6	
12.00000	52.00000	40.20000	-1.2453	37.561	-3.5355	-12.316	-32.266E-6	
13.00000	52.00000	40.20000	-1.1397	37.561	-2.9807	-11.275	-23.966E-6	
14.00000	52.00000	40.20000	-1.0293	37.561	-2.4402	-10.127	-16.372E-6	
15.00000	52.00000	40.20000	-0.91822	37.561	-1.9336	-8.9341	-9.6738E-6	
16.00000	52.00000	40.20000	-0.81163	37.561	-1.4904	-7.7737	-4.2389E-6	
17.00000	52.00000	40.20000	-0.71365	37.561	-1.1309	-6.7092	0.0	
18.00000	52.00000	40.20000	-0.62611	37.561	-0.85606	-5.7754	2.3176E-6	
19.00000	52.00000	40.20000	-0.54905	37.561	-0.65286	-4.9789	3.8505E-6	
20.00000	52.00000	40.20000	-0.48160	37.561	-0.50427	-4.3089	4.6538E-6	
21.00000	52.00000	40.20000	-0.42263	37.561	-0.39501	-3.7474	4.9951E-6	
22.00000	52.00000	40.20000	-0.37101	37.561	-0.31348	-3.2760	5.0593E-6	
23.00000	52.00000	40.20000	-0.32578	37.561	-0.25152	-2.8779	4.9638E-6	
24.00000	52.00000	40.20000	-0.28607	37.561	-0.20360	-2.5397	4.7798E-6	
25.00000	52.00000	40.20000	-0.25116	37.561	-0.16597	-2.2504	4.5495E-6	
26.00000	52.00000	40.20000	-0.22044	37.561	-0.13607	-2.0014	4.2975E-6	
27.00000	52.00000	40.20000	-0.19339	37.561	-0.11209	-1.7861	4.0385E-6	
28.00000	52.00000	40.20000	-0.16955	37.561	-0.092727	-1.5991	3.7813E-6	
29.00000	52.00000	40.20000	-0.14853	37.561	-0.077014	-1.4359	3.5314E-6	
30.00000	52.00000	40.20000	-0.13000	37.561	-0.064209	-1.2930	3.2918E-6	
31.00000	52.00000	40.20000	-0.11366	37.561	-0.053735	-1.1674	3.0645E-6	
32.00000	52.00000	40.20000	-0.099256	37.561	-0.045138	-1.0569	2.8505E-6	

33.00000	52.00000	40.20000	-0.086550	37.561	-0.038059	-0.95915	2.6502E-6	
34.00000	52.00000	40.20000	-0.075345	37.561	-0.032211	-0.87258	2.4635E-6	
35.00000	52.00000	40.20000	-0.065465	37.561	-0.027363	-0.79567	2.2901E-6	
36.00000	52.00000	40.20000	-0.056755	37.561	-0.023331	-0.72718	2.1294E-6	
37.00000	52.00000	40.20000	-0.049078	37.561	-0.019966	-0.66604	1.9809E-6	
38.00000	52.00000	40.20000	-0.042311	37.561	-0.017148	-0.61131	1.8438E-6	
39.00000	52.00000	40.20000	-0.036349	37.561	-0.014780	-0.56222	1.7173E-6	
40.00000	52.00000	40.20000	-0.031096	37.561	-0.012783	-0.51807	1.6006E-6	
41.00000	52.00000	40.20000	-0.026471	37.561	-0.011092	-0.47829	1.4932E-6	!
42.00000	52.00000	40.20000	-0.022400	37.561	-0.0096570	-0.44237	1.3941E-6	!
43.00000	52.00000	40.20000	-0.018817	37.561	-0.0084342	-0.40985	1.3028E-6	!
44.00000	52.00000	40.20000	-0.015667	37.561	-0.0073889	-0.38036	1.2186E-6	!
45.00000	52.00000	40.20000	-0.012898	37.561	-0.0064923	-0.35356	1.1409E-6	!
46.00000	52.00000	40.20000	-0.010466	37.561	-0.0057210	-0.32916	1.0692E-6	!
47.00000	52.00000	40.20000	-0.0083318	37.561	-0.0050554	-0.30691	1.0030E-6	!
48.00000	52.00000	40.20000	-0.0064608	37.561	-0.0044792	-0.28657	0.0	!
49.00000	52.00000	40.20000	-0.0048223	37.561	-0.0039790	-0.26795	0.0	!
50.00000	52.00000	40.20000	-0.0033891	37.561	-0.0035435	-0.25088	0.0	!
-10.00000	53.00000	40.20000	-0.20483	37.561	-0.15523	-1.8202	3.2232E-6	
-9.00000	53.00000	40.20000	-0.23774	37.561	-0.20100	-2.0756	3.1537E-6	
-8.00000	53.00000	40.20000	-0.27642	37.561	-0.26331	-2.3814	2.9069E-6	
-7.00000	53.00000	40.20000	-0.32213	37.561	-0.34902	-2.7500	2.3788E-6	
-6.00000	53.00000	40.20000	-0.37647	37.561	-0.46802	-3.1975	1.4119E-6	
-5.00000	53.00000	40.20000	-0.44142	37.561	-0.63448	-3.7439	0.0	
-4.00000	53.00000	40.20000	-0.51949	37.561	-0.86827	-4.4145	-2.8836E-6	
-3.00000	53.00000	40.20000	-0.61372	37.561	-1.1964	-5.2392	-7.0323E-6	
-2.00000	53.00000	40.20000	-0.72753	37.561	-1.6533	-6.2520	-13.302E-6	
-1.00000	53.00000	40.20000	-0.86432	37.561	-2.2786	-7.4857	-22.432E-6	
0.00000	53.00000	40.20000	-1.0263	37.561	-3.1074	-8.9618	-35.114E-6	
1.00000	53.00000	40.20000	-1.2123	37.561	-4.1512	-10.671	-51.627E-6	
2.00000	53.00000	40.20000	-1.4145	37.561	-5.3639	-12.546	-71.215E-6	
3.00000	53.00000	40.20000	-1.6157	37.561	-6.6138	-14.446	-91.521E-6	
4.00000	53.00000	40.20000	-1.7921	37.561	-7.7063	-16.185	-108.99E-6	
5.00000	53.00000	40.20000	-1.9227	37.561	-8.4705	-17.595	-120.50E-6	
6.00000	53.00000	40.20000	-1.9968	37.561	-8.8245	-18.574	-124.65E-6	
7.00000	53.00000	40.20000	-2.0139	37.561	-8.7759	-19.092	-121.72E-6	
8.00000	53.00000	40.20000	-1.9819	37.561	-8.4031	-19.173	-113.31E-6	
9.00000	53.00000	40.20000	-1.9133	37.561	-7.8197	-18.877	-101.69E-6	
10.00000	53.00000	40.20000	-1.8191	37.561	-7.1234	-18.255	-88.797E-6	
11.00000	53.00000	40.20000	-1.7062	37.561	-6.3692	-17.336	-75.718E-6	
12.00000	53.00000	40.20000	-1.5778	37.561	-5.5750	-16.139	-62.775E-6	
13.00000	53.00000	40.20000	-1.4347	37.561	-4.7330	-14.689	-49.715E-6	
14.00000	53.00000	40.20000	-1.2791	37.561	-3.8423	-13.036	-36.330E-6	
15.00000	53.00000	40.20000	-1.1194	37.561	-2.9602	-11.290	-23.469E-6	
16.00000	53.00000	40.20000	-0.96830	37.561	-2.1858	-9.6024	-12.737E-6	
17.00000	53.00000	40.20000	-0.83485	37.561	-1.5821	-8.0961	-5.0643E-6	
18.00000	53.00000	40.20000	-0.72100	37.561	-1.1477	-6.8227	0.0	
19.00000	53.00000	40.20000	-0.62470	37.561	-0.84604	-5.7769	2.5409E-6	
20.00000	53.00000	40.20000	-0.54293	37.561	-0.63713	-4.9265	4.0025E-6	
21.00000	53.00000	40.20000	-0.47299	37.561	-0.48987	-4.2336	4.6940E-6	
22.00000	53.00000	40.20000	-0.41276	37.561	-0.38327	-3.6645	4.9498E-6	
23.00000	53.00000	40.20000	-0.36061	37.561	-0.30395	-3.1924	4.9637E-6	
24.00000	53.00000	40.20000	-0.31527	37.561	-0.24350	-2.7968	4.8443E-6	
25.00000	53.00000	40.20000	-0.27572	37.561	-0.19656	-2.4622	4.6522E-6	

26.00000	53.00000	40.20000	-0.24115	37.561	-0.15962	-2.1770	4.4218E-6	
27.00000	53.00000	40.20000	-0.21088	37.561	-0.13027	-1.9324	4.1733E-6	
28.00000	53.00000	40.20000	-0.18435	37.561	-0.10680	-1.7215	3.9190E-6	
29.00000	53.00000	40.20000	-0.16107	37.561	-0.087930	-1.5387	3.6667E-6	
30.00000	53.00000	40.20000	-0.14064	37.561	-0.072701	-1.3797	3.4215E-6	
31.00000	53.00000	40.20000	-0.12270	37.561	-0.060363	-1.2409	3.1865E-6	
32.00000	53.00000	40.20000	-0.10694	37.561	-0.050330	-1.1192	2.9637E-6	
33.00000	53.00000	40.20000	-0.093091	37.561	-0.042143	-1.0123	2.7543E-6	
34.00000	53.00000	40.20000	-0.080920	37.561	-0.035437	-0.91812	2.5584E-6	
35.00000	53.00000	40.20000	-0.070220	37.561	-0.029923	-0.83480	2.3763E-6	
36.00000	53.00000	40.20000	-0.060814	37.561	-0.025373	-0.76091	2.2073E-6	
37.00000	53.00000	40.20000	-0.052545	37.561	-0.021602	-0.69522	2.0512E-6	
38.00000	53.00000	40.20000	-0.045275	37.561	-0.018465	-0.63664	1.9070E-6	
39.00000	53.00000	40.20000	-0.038884	37.561	-0.015845	-0.58428	1.7741E-6	
40.00000	53.00000	40.20000	-0.033266	37.561	-0.013648	-0.53735	1.6517E-6	
41.00000	53.00000	40.20000	-0.028329	37.561	-0.011799	-0.49518	1.5390E-6	!
42.00000	53.00000	40.20000	-0.023991	37.561	-0.010237	-0.45721	1.4353E-6	!
43.00000	53.00000	40.20000	-0.020180	37.561	-0.0089121	-0.42294	1.3399E-6	!
44.00000	53.00000	40.20000	-0.016834	37.561	-0.0077844	-0.39193	1.2519E-6	!
45.00000	53.00000	40.20000	-0.013897	37.561	-0.0068212	-0.36382	1.1710E-6	!
46.00000	53.00000	40.20000	-0.011321	37.561	-0.0059956	-0.33828	1.0963E-6	!
47.00000	53.00000	40.20000	-0.0090638	37.561	-0.0052855	-0.31503	1.0274E-6	!
48.00000	53.00000	40.20000	-0.0070868	37.561	-0.0046728	-0.29382	0.0	!
49.00000	53.00000	40.20000	-0.0053571	37.561	-0.0041425	-0.27444	0.0	!
50.00000	53.00000	40.20000	-0.0038457	37.561	-0.0036821	-0.25670	0.0	!
-10.00000	54.00000	40.20000	-0.21796	37.561	-0.16365	-1.9199	3.4015E-6	
-9.00000	54.00000	40.20000	-0.25355	37.561	-0.21281	-2.1980	3.3404E-6	
-8.00000	54.00000	40.20000	-0.29561	37.561	-0.28019	-2.5333	3.0904E-6	
-7.00000	54.00000	40.20000	-0.34560	37.561	-0.37366	-2.9412	2.5357E-6	
-6.00000	54.00000	40.20000	-0.40542	37.561	-0.50477	-3.4414	1.4971E-6	
-5.00000	54.00000	40.20000	-0.47754	37.561	-0.69053	-4.0604	0.0	
-4.00000	54.00000	40.20000	-0.56514	37.561	-0.95577	-4.8321	-3.2729E-6	
-3.00000	54.00000	40.20000	-0.67229	37.561	-1.3361	-5.8005	-8.0372E-6	
-2.00000	54.00000	40.20000	-0.80410	37.561	-1.8814	-7.0201	-15.479E-6	
-1.00000	54.00000	40.20000	-0.96662	37.561	-2.6577	-8.5537	-26.808E-6	
0.00000	54.00000	40.20000	-1.1663	37.561	-3.7442	-10.462	-43.530E-6	
1.00000	54.00000	40.20000	-1.4078	37.561	-5.2120	-12.772	-67.092E-6	
2.00000	54.00000	40.20000	-1.6870	37.561	-7.0568	-15.418	-97.632E-6	
3.00000	54.00000	40.20000	-1.9801	37.561	-9.0871	-18.185	-131.78E-6	
4.00000	54.00000	40.20000	-2.2446	37.561	-10.934	-20.744	-162.67E-6	
5.00000	54.00000	40.20000	-2.4453	37.561	-12.297	-22.827	-184.78E-6	
6.00000	54.00000	40.20000	-2.5691	37.561	-13.075	-24.297	-196.39E-6	
7.00000	54.00000	40.20000	-2.6145	37.561	-13.264	-25.109	-197.56E-6	
8.00000	54.00000	40.20000	-2.5909	37.561	-12.956	-25.311	-190.12E-6	
9.00000	54.00000	40.20000	-2.5166	37.561	-12.322	-25.013	-177.40E-6	
10.00000	54.00000	40.20000	-2.4051	37.561	-11.482	-24.282	-161.78E-6	
11.00000	54.00000	40.20000	-2.2616	37.561	-10.473	-23.118	-144.05E-6	
12.00000	54.00000	40.20000	-2.0897	37.561	-9.3174	-21.522	-124.69E-6	
13.00000	54.00000	40.20000	-1.8885	37.561	-7.9877	-19.503	-103.08E-6	
14.00000	54.00000	40.20000	-1.6539	37.561	-6.4233	-17.093	-77.775E-6	
15.00000	54.00000	40.20000	-1.4032	37.561	-4.7597	-14.474	-51.077E-6	
16.00000	54.00000	40.20000	-1.1720	37.561	-3.3102	-11.963	-28.644E-6	
17.00000	54.00000	40.20000	-0.98112	37.561	-2.2513	-9.8017	-13.440E-6	
18.00000	54.00000	40.20000	-0.82971	37.561	-1.5506	-8.0593	-4.5117E-6	

19.00000	54.00000	40.20000	-0.70870	37.561	-1.1006	-6.6915	0.0	
20.00000	54.00000	40.20000	-0.60983	37.561	-0.80766	-5.6203	2.8080E-6	
21.00000	54.00000	40.20000	-0.52737	37.561	-0.61005	-4.7726	4.0338E-6	
22.00000	54.00000	40.20000	-0.45753	37.561	-0.47104	-4.0916	4.5888E-6	
23.00000	54.00000	40.20000	-0.39775	37.561	-0.36941	-3.5357	4.7842E-6	
24.00000	54.00000	40.20000	-0.34623	37.561	-0.29286	-3.0756	4.7814E-6	
25.00000	54.00000	40.20000	-0.30162	37.561	-0.23397	-2.6904	4.6657E-6	
26.00000	54.00000	40.20000	-0.26287	37.561	-0.18805	-2.3649	4.4845E-6	
27.00000	54.00000	40.20000	-0.22913	37.561	-0.15191	-2.0878	4.2660E-6	
28.00000	54.00000	40.20000	-0.19971	37.561	-0.12330	-1.8506	4.0282E-6	
29.00000	54.00000	40.20000	-0.17403	37.561	-0.10055	-1.6464	3.7829E-6	
30.00000	54.00000	40.20000	-0.15159	37.561	-0.082378	-1.4699	3.5382E-6	
31.00000	54.00000	40.20000	-0.13196	37.561	-0.067813	-1.3168	3.2997E-6	
32.00000	54.00000	40.20000	-0.11478	37.561	-0.056092	-1.1834	3.0709E-6	
33.00000	54.00000	40.20000	-0.099744	37.561	-0.046621	-1.0667	2.8540E-6	
34.00000	54.00000	40.20000	-0.086570	37.561	-0.038936	-0.96442	2.6502E-6	
35.00000	54.00000	40.20000	-0.075025	37.561	-0.032671	-0.87438	2.4600E-6	
36.00000	54.00000	40.20000	-0.064905	37.561	-0.027543	-0.79488	2.2833E-6	
37.00000	54.00000	40.20000	-0.056031	37.561	-0.023325	-0.72448	2.1198E-6	
38.00000	54.00000	40.20000	-0.048248	37.561	-0.019841	-0.66195	1.9688E-6	
39.00000	54.00000	40.20000	-0.041421	37.561	-0.016950	-0.60624	1.8297E-6	
40.00000	54.00000	40.20000	-0.035433	37.561	-0.014540	-0.55647	1.7016E-6	
41.00000	54.00000	40.20000	-0.030180	37.561	-0.012523	-0.51189	1.5839E-6	!
42.00000	54.00000	40.20000	-0.025573	37.561	-0.010827	-0.47186	1.4756E-6	!
43.00000	54.00000	40.20000	-0.021533	37.561	-0.0093961	-0.43582	1.3760E-6	!
44.00000	54.00000	40.20000	-0.017991	37.561	-0.0081831	-0.40329	1.2845E-6	!
45.00000	54.00000	40.20000	-0.014887	37.561	-0.0071511	-0.37386	1.2002E-6	!
46.00000	54.00000	40.20000	-0.012168	37.561	-0.0062697	-0.34719	1.1226E-6	!
47.00000	54.00000	40.20000	-0.0097871	37.561	-0.0055144	-0.32295	1.0512E-6	!
48.00000	54.00000	40.20000	-0.0077047	37.561	-0.0048647	-0.30088	0.0	!
49.00000	54.00000	40.20000	-0.0058846	37.561	-0.0043040	-0.28075	0.0	!
50.00000	54.00000	40.20000	-0.0042955	37.561	-0.0038185	-0.26235	0.0	!
-10.00000	55.00000	40.20000	-0.23048	37.561	-0.17036	-2.0151	3.6007E-6	
-9.00000	55.00000	40.20000	-0.26862	37.561	-0.22216	-2.3149	3.5609E-6	
-8.00000	55.00000	40.20000	-0.31384	37.561	-0.29349	-2.6786	3.3279E-6	
-7.00000	55.00000	40.20000	-0.36784	37.561	-0.39304	-3.1243	2.7780E-6	
-6.00000	55.00000	40.20000	-0.43280	37.561	-0.53381	-3.6761	1.7161E-6	
-5.00000	55.00000	40.20000	-0.51161	37.561	-0.73541	-4.3667	0.0	
-4.00000	55.00000	40.20000	-0.60817	37.561	-1.0275	-5.2407	-3.3531E-6	
-3.00000	55.00000	40.20000	-0.72767	37.561	-1.4554	-6.3585	-8.6092E-6	
-2.00000	55.00000	40.20000	-0.87728	37.561	-2.0880	-7.8019	-17.139E-6	
-1.00000	55.00000	40.20000	-1.0670	37.561	-3.0310	-9.6778	-30.855E-6	
0.00000	55.00000	40.20000	-1.3111	37.561	-4.4431	-12.113	-52.750E-6	
1.00000	55.00000	40.20000	-1.6282	37.561	-6.5337	-15.214	-86.993E-6	
2.00000	55.00000	40.20000	-2.0291	37.561	-9.4423	-18.949	-136.73E-6	
3.00000	55.00000	40.20000	-2.4796	37.561	-12.877	-22.966	-196.91E-6	
4.00000	55.00000	40.20000	-2.8892	37.561	-16.021	-26.658	-251.92E-6	
5.00000	55.00000	40.20000	-3.2015	37.561	-18.378	-29.619	-292.47E-6	
6.00000	55.00000	40.20000	-3.4162	37.561	-19.965	-31.725	-319.37E-6	
7.00000	55.00000	40.20000	-3.5185	37.561	-20.654	-32.877	-330.17E-6	
8.00000	55.00000	40.20000	-3.5128	37.561	-20.493	-33.169	-325.61E-6	
9.00000	55.00000	40.20000	-3.4388	37.561	-19.863	-32.893	-312.91E-6	
10.00000	55.00000	40.20000	-3.3127	37.561	-18.910	-32.133	-294.93E-6	
11.00000	55.00000	40.20000	-3.1233	37.561	-17.510	-30.744	-269.51E-6	

12.00000	55.00000	40.20000	-2.8828	37.561	-15.759	-28.690	-238.84E-6	
13.00000	55.00000	40.20000	-2.5985	37.561	-13.705	-25.990	-203.94E-6	
14.00000	55.00000	40.20000	-2.2339	37.561	-10.980	-22.555	-157.12E-6	
15.00000	55.00000	40.20000	-1.8135	37.561	-7.7851	-18.632	-101.83E-6	
16.00000	55.00000	40.20000	-1.4377	37.561	-5.0403	-14.894	-55.657E-6	
17.00000	55.00000	40.20000	-1.1554	37.561	-3.1933	-11.817	-26.628E-6	
18.00000	55.00000	40.20000	-0.95198	37.561	-2.0830	-9.4664	-10.993E-6	
19.00000	55.00000	40.20000	-0.80047	37.561	-1.4264	-7.7083	-3.0832E-6	
20.00000	55.00000	40.20000	-0.68198	37.561	-1.0239	-6.3823	0.0	
21.00000	55.00000	40.20000	-0.58563	37.561	-0.76253	-5.3612	2.8507E-6	
22.00000	55.00000	40.20000	-0.50527	37.561	-0.58238	-4.5562	3.8511E-6	
23.00000	55.00000	40.20000	-0.43718	37.561	-0.45207	-3.9078	4.3349E-6	
24.00000	55.00000	40.20000	-0.37893	37.561	-0.35460	-3.3764	4.5288E-6	
25.00000	55.00000	40.20000	-0.32882	37.561	-0.28015	-2.9351	4.5485E-6	
26.00000	55.00000	40.20000	-0.28555	37.561	-0.22258	-2.5650	4.4588E-6	
27.00000	55.00000	40.20000	-0.24808	37.561	-0.17776	-2.2522	4.2997E-6	
28.00000	55.00000	40.20000	-0.21557	37.561	-0.14268	-1.9861	4.0981E-6	
29.00000	55.00000	40.20000	-0.18733	37.561	-0.11511	-1.7587	3.8730E-6	
30.00000	55.00000	40.20000	-0.16277	37.561	-0.093374	-1.5633	3.6375E-6	
31.00000	55.00000	40.20000	-0.14137	37.561	-0.076155	-1.3948	3.4011E-6	
32.00000	55.00000	40.20000	-0.12273	37.561	-0.062455	-1.2488	3.1699E-6	
33.00000	55.00000	40.20000	-0.10646	37.561	-0.051503	-1.1219	2.9480E-6	
34.00000	55.00000	40.20000	-0.092252	37.561	-0.042705	-1.0112	2.7377E-6	
35.00000	55.00000	40.20000	-0.079842	37.561	-0.035600	-0.91414	2.5405E-6	
36.00000	55.00000	40.20000	-0.068993	37.561	-0.029833	-0.82885	2.3567E-6	
37.00000	55.00000	40.20000	-0.059505	37.561	-0.025128	-0.75362	2.1862E-6	
38.00000	55.00000	40.20000	-0.051204	37.561	-0.021269	-0.68705	2.0288E-6	
39.00000	55.00000	40.20000	-0.043939	37.561	-0.018087	-0.62795	1.8837E-6	
40.00000	55.00000	40.20000	-0.037579	37.561	-0.015452	-0.57531	1.7501E-6	
41.00000	55.00000	40.20000	-0.032011	37.561	-0.013258	-0.52831	1.6274E-6	!
42.00000	55.00000	40.20000	-0.027135	37.561	-0.011424	-0.48621	1.5147E-6	!
43.00000	55.00000	40.20000	-0.022867	37.561	-0.0098822	-0.44840	1.4111E-6	!
44.00000	55.00000	40.20000	-0.019130	37.561	-0.0085814	-0.41436	1.3159E-6	!
45.00000	55.00000	40.20000	-0.015859	37.561	-0.0074792	-0.38363	1.2285E-6	!
46.00000	55.00000	40.20000	-0.012998	37.561	-0.0065413	-0.35583	1.1481E-6	!
47.00000	55.00000	40.20000	-0.010496	37.561	-0.0057402	-0.33062	1.0741E-6	!
48.00000	55.00000	40.20000	-0.0083100	37.561	-0.0050533	-0.30771	1.0060E-6	!
49.00000	55.00000	40.20000	-0.0064009	37.561	-0.0044622	-0.28685	0.0	!
50.00000	55.00000	40.20000	-0.0047355	37.561	-0.0039518	-0.26780	0.0	!
-10.00000	56.00000	40.20000	-0.24221	37.561	-0.17516	-2.1042	3.8193E-6	
-9.00000	56.00000	40.20000	-0.28267	37.561	-0.22873	-2.4240	3.8138E-6	
-8.00000	56.00000	40.20000	-0.33078	37.561	-0.30270	-2.8140	3.6186E-6	
-7.00000	56.00000	40.20000	-0.38838	37.561	-0.40635	-3.2949	3.1070E-6	
-6.00000	56.00000	40.20000	-0.45792	37.561	-0.55377	-3.8948	2.0748E-6	
-5.00000	56.00000	40.20000	-0.54270	37.561	-0.76670	-4.6530	0.0	
-4.00000	56.00000	40.20000	-0.64720	37.561	-1.0793	-5.6247	-3.0856E-6	
-3.00000	56.00000	40.20000	-0.77779	37.561	-1.5463	-6.8888	-8.6627E-6	
-2.00000	56.00000	40.20000	-0.94389	37.561	-2.2585	-8.5585	-18.104E-6	
-1.00000	56.00000	40.20000	-1.1606	37.561	-3.3722	-10.796	-34.224E-6	
0.00000	56.00000	40.20000	-1.4538	37.561	-5.1626	-13.820	-62.216E-6	
1.00000	56.00000	40.20000	-1.8663	37.561	-8.0753	-17.864	-110.93E-6	
2.00000	56.00000	40.20000	-2.4407	37.561	-12.547	-22.971	-189.69E-6	
3.00000	56.00000	40.20000	-3.1238	37.561	-18.098	-28.567	-290.20E-6	
4.00000	56.00000	40.20000	-3.7197	37.561	-22.926	-33.534	-377.24E-6	

5.00000	56.00000	40.20000	-4.1604	37.561	-26.425	-37.335	-439.58E-6	
6.00000	56.00000	40.20000	-4.5031	37.561	-29.137	-39.959	-489.07E-6	
7.00000	56.00000	40.20000	-4.6682	37.561	-30.332	-41.117	-510.87E-6	
8.00000	56.00000	40.20000	-4.6508	37.561	-30.002	-41.116	-503.71E-6	
9.00000	56.00000	40.20000	-4.5822	37.561	-29.423	-40.867	-492.01E-6	
10.00000	56.00000	40.20000	-4.4817	37.561	-28.770	-40.482	-479.19E-6	
11.00000	56.00000	40.20000	-4.2522	37.561	-27.081	-39.240	-446.96E-6	
12.00000	56.00000	40.20000	-3.9205	37.561	-24.559	-36.914	-400.50E-6	
13.00000	56.00000	40.20000	-3.5571	37.561	-21.829	-33.666	-352.88E-6	
14.00000	56.00000	40.20000	-3.0344	37.561	-17.681	-29.130	-279.08E-6	
15.00000	56.00000	40.20000	-2.3552	37.561	-12.113	-23.548	-178.17E-6	
16.00000	56.00000	40.20000	-1.7597	37.561	-7.3552	-18.225	-93.949E-6	
17.00000	56.00000	40.20000	-1.3517	37.561	-4.3809	-14.025	-44.464E-6	
18.00000	56.00000	40.20000	-1.0844	37.561	-2.7366	-10.976	-19.741E-6	
19.00000	56.00000	40.20000	-0.89862	37.561	-1.8285	-8.7927	-7.8994E-6	
20.00000	56.00000	40.20000	-0.75901	37.561	-1.2961	-7.1973	-2.1009E-6	
21.00000	56.00000	40.20000	-0.64786	37.561	-0.95763	-5.9939	0.0	
22.00000	56.00000	40.20000	-0.55616	37.561	-0.72574	-5.0572	2.5486E-6	
23.00000	56.00000	40.20000	-0.47902	37.561	-0.55803	-4.3090	3.4843E-6	
24.00000	56.00000	40.20000	-0.41343	37.561	-0.43276	-3.6997	4.0005E-6	
25.00000	56.00000	40.20000	-0.35731	37.561	-0.33760	-3.1967	4.2468E-6	
26.00000	56.00000	40.20000	-0.30912	37.561	-0.26472	-2.7773	4.3117E-6	
27.00000	56.00000	40.20000	-0.26763	37.561	-0.20866	-2.4251	4.2544E-6	
28.00000	56.00000	40.20000	-0.23184	37.561	-0.16539	-2.1276	4.1168E-6	
29.00000	56.00000	40.20000	-0.20089	37.561	-0.13188	-1.8749	3.9297E-6	
30.00000	56.00000	40.20000	-0.17410	37.561	-0.10581	-1.6592	3.7149E-6	
31.00000	56.00000	40.20000	-0.15087	37.561	-0.085434	-1.4743	3.4877E-6	
32.00000	56.00000	40.20000	-0.13070	37.561	-0.069429	-1.3152	3.2587E-6	
33.00000	56.00000	40.20000	-0.11317	37.561	-0.056783	-1.1775	3.0347E-6	
34.00000	56.00000	40.20000	-0.097915	37.561	-0.046731	-1.0580	2.8199E-6	
35.00000	56.00000	40.20000	-0.084627	37.561	-0.038694	-0.95375	2.6168E-6	
36.00000	56.00000	40.20000	-0.073043	37.561	-0.032228	-0.86254	2.4267E-6	
37.00000	56.00000	40.20000	-0.062938	37.561	-0.026995	-0.78240	2.2500E-6	
38.00000	56.00000	40.20000	-0.054118	37.561	-0.022735	-0.71174	2.0864E-6	
39.00000	56.00000	40.20000	-0.046415	37.561	-0.019247	-0.64922	1.9356E-6	
40.00000	56.00000	40.20000	-0.039685	37.561	-0.016375	-0.59372	1.7968E-6	
41.00000	56.00000	40.20000	-0.033804	37.561	-0.013998	-0.54430	1.6693E-6	!
42.00000	56.00000	40.20000	-0.028663	37.561	-0.012020	-0.50015	1.5522E-6	!
43.00000	56.00000	40.20000	-0.024169	37.561	-0.010366	-0.46060	1.4448E-6	!
44.00000	56.00000	40.20000	-0.020241	37.561	-0.0089756	-0.42507	1.3462E-6	!
45.00000	56.00000	40.20000	-0.016807	37.561	-0.0078024	-0.39306	1.2557E-6	!
46.00000	56.00000	40.20000	-0.013806	37.561	-0.0068077	-0.36416	1.1725E-6	!
47.00000	56.00000	40.20000	-0.011186	37.561	-0.0059608	-0.33800	1.0961E-6	!
48.00000	56.00000	40.20000	-0.0088978	37.561	-0.0052369	-0.31427	1.0257E-6	!
49.00000	56.00000	40.20000	-0.0069018	37.561	-0.0046157	-0.29268	0.0	!
50.00000	56.00000	40.20000	-0.0051620	37.561	-0.0040807	-0.27302	0.0	!
-10.00000	57.00000	40.20000	-0.25300	37.561	-0.17800	-2.1858	4.0536E-6	
-9.00000	57.00000	40.20000	-0.29551	37.561	-0.23244	-2.5236	4.0941E-6	
-8.00000	57.00000	40.20000	-0.34613	37.561	-0.30769	-2.9370	3.9557E-6	
-7.00000	57.00000	40.20000	-0.40683	37.561	-0.41336	-3.4489	3.5134E-6	
-6.00000	57.00000	40.20000	-0.48027	37.561	-0.56418	-4.0914	2.5615E-6	
-5.00000	57.00000	40.20000	-0.57003	37.561	-0.78342	-4.9096	0.0	
-4.00000	57.00000	40.20000	-0.68112	37.561	-1.1087	-5.9686	-2.4782E-6	
-3.00000	57.00000	40.20000	-0.82088	37.561	-1.6031	-7.3647	-8.1748E-6	

-2.00000	57.00000	40.20000	-1.0009	37.561	-2.3785	-9.2423	-18.236E-6	
-1.00000	57.00000	40.20000	-1.2415	37.561	-3.6433	-11.820	-36.409E-6	
0.00000	57.00000	40.20000	-1.5813	37.561	-5.8001	-15.414	-70.303E-6	
1.00000	57.00000	40.20000	-2.0916	37.561	-9.5690	-20.406	-134.21E-6	
2.00000	57.00000	40.20000	-2.8541	37.561	-15.753	-26.933	-245.10E-6	
3.00000	57.00000	40.20000	-3.7912	37.561	-23.631	-34.159	-390.31E-6	
4.00000	57.00000	40.20000	-4.5637	37.561	-30.054	-40.287	-507.84E-6	
5.00000	57.00000	40.20000	-5.0852	37.561	-34.221	-44.499	-583.24E-6	
6.00000	57.00000	40.20000	-5.4570	37.561	-37.055	-46.717	-636.85E-6	
7.00000	57.00000	40.20000	-5.4740	37.561	-36.681	-46.383	-629.93E-6	
8.00000	57.00000	40.20000	-5.2344	37.561	-34.144	-44.786	-580.51E-6	
9.00000	57.00000	40.20000	-5.1714	37.561	-33.616	-44.536	-569.94E-6	
10.00000	57.00000	40.20000	-5.3087	37.561	-35.317	-45.782	-602.43E-6	
11.00000	57.00000	40.20000	-5.2529	37.561	-35.441	-46.155	-603.78E-6	
12.00000	57.00000	40.20000	-4.9294	37.561	-33.156	-44.462	-560.19E-6	
13.00000	57.00000	40.20000	-4.5386	37.561	-30.265	-41.114	-509.43E-6	
14.00000	57.00000	40.20000	-3.8776	37.561	-24.879	-35.646	-412.08E-6	
15.00000	57.00000	40.20000	-2.9219	37.561	-16.766	-28.404	-261.81E-6	
16.00000	57.00000	40.20000	-2.0899	37.561	-9.8243	-21.480	-135.87E-6	
17.00000	57.00000	40.20000	-1.5514	37.561	-5.6636	-16.181	-64.554E-6	
18.00000	57.00000	40.20000	-1.2208	37.561	-3.4756	-12.472	-30.394E-6	
19.00000	57.00000	40.20000	-1.0018	37.561	-2.3127	-9.8949	-14.438E-6	
20.00000	57.00000	40.20000	-0.84127	37.561	-1.6417	-8.0470	-6.5385E-6	
21.00000	57.00000	40.20000	-0.71476	37.561	-1.2127	-6.6662	-2.2113E-6	
22.00000	57.00000	40.20000	-0.61082	37.561	-0.91434	-5.5950	0.0	
23.00000	57.00000	40.20000	-0.52366	37.561	-0.69615	-4.7406	2.0443E-6	
24.00000	57.00000	40.20000	-0.44988	37.561	-0.53280	-4.0464	3.0808E-6	
25.00000	57.00000	40.20000	-0.38711	37.561	-0.40950	-3.4752	3.6926E-6	
26.00000	57.00000	40.20000	-0.33355	37.561	-0.31621	-3.0015	4.0046E-6	
27.00000	57.00000	40.20000	-0.28771	37.561	-0.24554	-2.6061	4.1082E-6	
28.00000	57.00000	40.20000	-0.24840	37.561	-0.19189	-2.2742	4.0720E-6	
29.00000	57.00000	40.20000	-0.21460	37.561	-0.15103	-1.9943	3.9459E-6	
30.00000	57.00000	40.20000	-0.18549	37.561	-0.11975	-1.7569	3.7660E-6	
31.00000	57.00000	40.20000	-0.16036	37.561	-0.095661	-1.5548	3.5569E-6	
32.00000	57.00000	40.20000	-0.13864	37.561	-0.076996	-1.3818	3.3355E-6	
33.00000	57.00000	40.20000	-0.11982	37.561	-0.062431	-1.2330	3.1128E-6	
34.00000	57.00000	40.20000	-0.10350	37.561	-0.050985	-1.1044	2.8957E-6	
35.00000	57.00000	40.20000	-0.089333	37.561	-0.041925	-0.99285	2.6883E-6	
36.00000	57.00000	40.20000	-0.077015	37.561	-0.034704	-0.89563	2.4928E-6	
37.00000	57.00000	40.20000	-0.066297	37.561	-0.028908	-0.81055	2.3104E-6	
38.00000	57.00000	40.20000	-0.056962	37.561	-0.024224	-0.73580	2.1413E-6	
39.00000	57.00000	40.20000	-0.048827	37.561	-0.020416	-0.66989	1.9851E-6	
40.00000	57.00000	40.20000	-0.041733	37.561	-0.017299	-0.61155	1.8413E-6	
41.00000	57.00000	40.20000	-0.035544	37.561	-0.014733	-0.55973	1.7093E-6	!
42.00000	57.00000	40.20000	-0.030143	37.561	-0.012609	-0.51357	1.5881E-6	!
43.00000	57.00000	40.20000	-0.025429	37.561	-0.010841	-0.47231	1.4769E-6	!
44.00000	57.00000	40.20000	-0.021314	37.561	-0.0093613	-0.43533	1.3750E-6	!
45.00000	57.00000	40.20000	-0.017721	37.561	-0.0081172	-0.40208	1.2815E-6	!
46.00000	57.00000	40.20000	-0.014585	37.561	-0.0070661	-0.37211	1.1957E-6	!
47.00000	57.00000	40.20000	-0.011849	37.561	-0.0061740	-0.34503	1.1169E-6	!
48.00000	57.00000	40.20000	-0.0094632	37.561	-0.0054137	-0.32050	1.0445E-6	!
49.00000	57.00000	40.20000	-0.0073832	37.561	-0.0047630	-0.29823	0.0	!
50.00000	57.00000	40.20000	-0.0055716	37.561	-0.0042040	-0.27796	0.0	!
-10.00000	58.00000	40.20000	-0.26272	37.561	-0.17895	-2.2589	4.2981E-6	

-9.00000	58.00000	40.20000	-0.30698	37.561	-0.23341	-2.6120	4.3937E-6	
-8.00000	58.00000	40.20000	-0.35969	37.561	-0.30866	-3.0452	4.3273E-6	
-7.00000	58.00000	40.20000	-0.42294	37.561	-0.41435	-3.5833	3.9791E-6	
-6.00000	58.00000	40.20000	-0.49948	37.561	-0.56548	-4.2612	3.1488E-6	
-5.00000	58.00000	40.20000	-0.59311	37.561	-0.78608	-5.1287	1.4948E-6	
-4.00000	58.00000	40.20000	-0.70917	37.561	-1.1160	-6.2590	-1.5838E-6	
-3.00000	58.00000	40.20000	-0.85574	37.561	-1.6243	-7.7622	-7.1940E-6	
-2.00000	58.00000	40.20000	-1.0460	37.561	-2.4386	-9.8073	-17.495E-6	
-1.00000	58.00000	40.20000	-1.3043	37.561	-3.8078	-12.657	-36.954E-6	
0.00000	58.00000	40.20000	-1.6794	37.561	-6.2335	-16.704	-75.056E-6	
1.00000	58.00000	40.20000	-2.2642	37.561	-10.648	-22.443	-150.31E-6	
2.00000	58.00000	40.20000	-3.1733	37.561	-18.163	-30.106	-286.04E-6	
3.00000	58.00000	40.20000	-4.3299	37.561	-28.050	-38.719	-469.92E-6	
4.00000	58.00000	40.20000	-5.2986	37.561	-36.242	-45.919	-622.06E-6	
5.00000	58.00000	40.20000	-5.8555	37.561	-40.621	-50.100	-702.17E-6	
6.00000	58.00000	40.20000	-5.9522	37.561	-40.677	-50.386	-702.36E-6	
7.00000	58.00000	40.20000	-5.2886	37.561	-33.698	-46.141	-565.90E-6	
8.00000	58.00000	40.20000	-4.3915	37.561	-24.840	-41.011	-391.76E-6	
9.00000	58.00000	40.20000	-4.3277	37.561	-24.303	-40.696	-381.22E-6	
10.00000	58.00000	40.20000	-5.1271	37.561	-32.366	-45.383	-539.65E-6	
11.00000	58.00000	40.20000	-5.7694	37.561	-39.262	-49.671	-674.16E-6	
12.00000	58.00000	40.20000	-5.7479	37.561	-40.013	-50.023	-689.23E-6	
13.00000	58.00000	40.20000	-5.3622	37.561	-37.301	-46.938	-641.41E-6	
14.00000	58.00000	40.20000	-4.5409	37.561	-30.489	-40.639	-516.02E-6	
15.00000	58.00000	40.20000	-3.3650	37.561	-20.355	-32.113	-326.43E-6	
16.00000	58.00000	40.20000	-2.3638	37.561	-11.854	-24.049	-170.72E-6	
17.00000	58.00000	40.20000	-1.7327	37.561	-6.8554	-17.989	-83.928E-6	
18.00000	58.00000	40.20000	-1.3561	37.561	-4.2724	-13.826	-42.822E-6	
19.00000	58.00000	40.20000	-1.1107	37.561	-2.9039	-10.967	-23.414E-6	
20.00000	58.00000	40.20000	-0.93098	37.561	-2.0954	-8.9192	-13.249E-6	
21.00000	58.00000	40.20000	-0.78836	37.561	-1.5568	-7.3787	-7.1159E-6	
22.00000	58.00000	40.20000	-0.67059	37.561	-1.1683	-6.1731	-3.0345E-6	
23.00000	58.00000	40.20000	-0.57183	37.561	-0.87874	-5.2056	0.0	
24.00000	58.00000	40.20000	-0.48860	37.561	-0.66163	-4.4178	1.6246E-6	
25.00000	58.00000	40.20000	-0.41829	37.561	-0.49945	-3.7710	2.8077E-6	
26.00000	58.00000	40.20000	-0.35875	37.561	-0.37881	-3.2370	3.4964E-6	
27.00000	58.00000	40.20000	-0.30819	37.561	-0.28919	-2.7941	3.8401E-6	
28.00000	58.00000	40.20000	-0.26512	37.561	-0.22250	-2.4249	3.9525E-6	
29.00000	58.00000	40.20000	-0.22833	37.561	-0.17266	-2.1158	3.9158E-6	
30.00000	58.00000	40.20000	-0.19682	37.561	-0.13518	-1.8555	3.7875E-6	
31.00000	58.00000	40.20000	-0.16975	37.561	-0.10678	-1.6353	3.6067E-6	
32.00000	58.00000	40.20000	-0.14644	37.561	-0.085096	-1.4479	3.3991E-6	
33.00000	58.00000	40.20000	-0.12633	37.561	-0.068392	-1.2877	3.1815E-6	
34.00000	58.00000	40.20000	-0.10896	37.561	-0.055417	-1.1499	2.9644E-6	
35.00000	58.00000	40.20000	-0.093910	37.561	-0.045253	-1.0310	2.7542E-6	
36.00000	58.00000	40.20000	-0.080867	37.561	-0.037227	-0.92777	2.5545E-6	
37.00000	58.00000	40.20000	-0.069545	37.561	-0.030839	-0.83778	2.3671E-6	
38.00000	58.00000	40.20000	-0.059706	37.561	-0.025716	-0.75899	2.1929E-6	
39.00000	58.00000	40.20000	-0.051149	37.561	-0.021577	-0.68973	2.0318E-6	
40.00000	58.00000	40.20000	-0.043701	37.561	-0.018211	-0.62861	1.8834E-6	
41.00000	58.00000	40.20000	-0.037214	37.561	-0.015454	-0.57448	1.7471E-6	!
42.00000	58.00000	40.20000	-0.031562	37.561	-0.013184	-0.52636	1.6220E-6	!
43.00000	58.00000	40.20000	-0.026635	37.561	-0.011302	-0.48345	1.5073E-6	!
44.00000	58.00000	40.20000	-0.022339	37.561	-0.0097337	-0.44506	1.4022E-6	!

45.00000	58.00000	40.20000	-0.018594	37.561	-0.0084198	-0.41062	1.3059E-6	!
46.00000	58.00000	40.20000	-0.015328	37.561	-0.0073135	-0.37963	1.2176E-6	!
47.00000	58.00000	40.20000	-0.012482	37.561	-0.0063774	-0.35167	1.1366E-6	!
48.00000	58.00000	40.20000	-0.010001	37.561	-0.0055818	-0.32638	1.0622E-6	!
49.00000	58.00000	40.20000	-0.0078411	37.561	-0.0049027	-0.30345	0.0	!
50.00000	58.00000	40.20000	-0.0059609	37.561	-0.0043206	-0.28261	0.0	!
-10.00000	59.00000	40.20000	-0.27128	37.561	-0.17819	-2.3227	4.5462E-6	
-9.00000	59.00000	40.20000	-0.31698	37.561	-0.23193	-2.6884	4.7027E-6	
-8.00000	59.00000	40.20000	-0.37136	37.561	-0.30607	-3.1374	4.7179E-6	
-7.00000	59.00000	40.20000	-0.43655	37.561	-0.41010	-3.6960	4.4801E-6	
-6.00000	59.00000	40.20000	-0.51538	37.561	-0.55888	-4.4008	3.7988E-6	
-5.00000	59.00000	40.20000	-0.61172	37.561	-0.77654	-5.3051	2.3421E-6	
-4.00000	59.00000	40.20000	-0.73109	37.561	-1.1037	-6.4871	0.0	
-3.00000	59.00000	40.20000	-0.88190	37.561	-1.6125	-8.0653	-5.8384E-6	
-2.00000	59.00000	40.20000	-1.0782	37.561	-2.4386	-10.223	-15.988E-6	
-1.00000	59.00000	40.20000	-1.3465	37.561	-3.8511	-13.244	-35.768E-6	
0.00000	59.00000	40.20000	-1.7398	37.561	-6.3966	-17.552	-75.529E-6	
1.00000	59.00000	40.20000	-2.3605	37.561	-11.095	-23.678	-155.54E-6	
2.00000	59.00000	40.20000	-3.3390	37.561	-19.203	-31.885	-302.20E-6	
3.00000	59.00000	40.20000	-4.6205	37.561	-30.190	-41.202	-507.49E-6	
4.00000	59.00000	40.20000	-5.7532	37.561	-39.823	-49.084	-688.49E-6	
5.00000	59.00000	40.20000	-6.3380	37.561	-44.343	-53.191	-771.94E-6	
6.00000	59.00000	40.20000	-6.0820	37.561	-40.948	-51.625	-703.76E-6	
7.00000	59.00000	40.20000	-4.6409	37.561	-26.532	-43.662	-418.97E-6	
8.00000	59.00000	40.20000	-3.0368	37.561	-10.950	-35.210	-110.57E-6	
9.00000	59.00000	40.20000	-2.9664	37.561	-10.348	-34.768	-99.081E-6	
10.00000	59.00000	40.20000	-4.4596	37.561	-25.010	-42.527	-389.97E-6	
11.00000	59.00000	40.20000	-5.8696	37.561	-39.248	-50.306	-671.55E-6	
12.00000	59.00000	40.20000	-6.2021	37.561	-43.465	-52.391	-755.76E-6	
13.00000	59.00000	40.20000	-5.8171	37.561	-40.889	-49.466	-710.31E-6	
14.00000	59.00000	40.20000	-4.8746	37.561	-33.044	-42.734	-564.02E-6	
15.00000	59.00000	40.20000	-3.6024	37.561	-22.080	-33.783	-357.91E-6	
16.00000	59.00000	40.20000	-2.5452	37.561	-13.103	-25.429	-192.89E-6	
17.00000	59.00000	40.20000	-1.8852	37.561	-7.8683	-19.204	-101.56E-6	
18.00000	59.00000	40.20000	-1.4918	37.561	-5.1558	-14.939	-58.007E-6	
19.00000	59.00000	40.20000	-1.2308	37.561	-3.6674	-11.982	-36.346E-6	
20.00000	59.00000	40.20000	-1.0335	37.561	-2.7196	-9.8154	-23.579E-6	
21.00000	59.00000	40.20000	-0.87248	37.561	-2.0351	-8.1398	-14.762E-6	
22.00000	59.00000	40.20000	-0.73767	37.561	-1.5153	-6.7984	-8.3158E-6	
23.00000	59.00000	40.20000	-0.62458	37.561	-1.1209	-5.7073	-3.6911E-6	
24.00000	59.00000	40.20000	-0.52997	37.561	-0.82674	-4.8147	0.0	
25.00000	59.00000	40.20000	-0.45088	37.561	-0.61088	-4.0831	1.5150E-6	
26.00000	59.00000	40.20000	-0.38462	37.561	-0.45392	-3.4822	2.7513E-6	
27.00000	59.00000	40.20000	-0.32889	37.561	-0.34006	-2.9873	3.4339E-6	
28.00000	59.00000	40.20000	-0.28184	37.561	-0.25726	-2.5780	3.7513E-6	
29.00000	59.00000	40.20000	-0.24192	37.561	-0.19667	-2.2378	3.8361E-6	
30.00000	59.00000	40.20000	-0.20794	37.561	-0.15197	-1.9536	3.7780E-6	
31.00000	59.00000	40.20000	-0.17890	37.561	-0.11867	-1.7147	3.6361E-6	
32.00000	59.00000	40.20000	-0.15402	37.561	-0.093613	-1.5127	3.4488E-6	
33.00000	59.00000	40.20000	-0.13263	37.561	-0.074572	-1.3409	3.2402E-6	
34.00000	59.00000	40.20000	-0.11420	37.561	-0.059954	-1.1940	3.0255E-6	
35.00000	59.00000	40.20000	-0.098303	37.561	-0.048623	-1.0677	2.8141E-6	
36.00000	59.00000	40.20000	-0.084553	37.561	-0.039757	-0.95857	2.6112E-6	
37.00000	59.00000	40.20000	-0.072646	37.561	-0.032757	-0.86377	2.4197E-6	

38.00000	59.00000	40.20000	-0.062320	37.561	-0.027185	-0.78105	2.2410E-6	
39.00000	59.00000	40.20000	-0.053357	37.561	-0.022713	-0.70856	2.0754E-6	
40.00000	59.00000	40.20000	-0.045569	37.561	-0.019096	-0.64476	1.9227E-6	
41.00000	59.00000	40.20000	-0.038797	37.561	-0.016151	-0.58838	1.7823E-6	!
42.00000	59.00000	40.20000	-0.032904	37.561	-0.013735	-0.53839	1.6536E-6	!
43.00000	59.00000	40.20000	-0.027774	37.561	-0.011742	-0.49391	1.5356E-6	!
44.00000	59.00000	40.20000	-0.023307	37.561	-0.010088	-0.45419	1.4276E-6	!
45.00000	59.00000	40.20000	-0.019417	37.561	-0.0087063	-0.41861	1.3286E-6	!
46.00000	59.00000	40.20000	-0.016028	37.561	-0.0075468	-0.38665	1.2380E-6	!
47.00000	59.00000	40.20000	-0.013077	37.561	-0.0065685	-0.35786	1.1548E-6	!
48.00000	59.00000	40.20000	-0.010507	37.561	-0.0057392	-0.33186	1.0786E-6	!
49.00000	59.00000	40.20000	-0.0082713	37.561	-0.0050330	-0.30831	1.0086E-6	!
50.00000	59.00000	40.20000	-0.0063264	37.561	-0.0044290	-0.28694	0.0	!
-10.00000	60.00000	40.20000	-0.27868	37.561	-0.17598	-2.3770	4.7908E-6	
-9.00000	60.00000	40.20000	-0.32548	37.561	-0.22844	-2.7522	5.0103E-6	
-8.00000	60.00000	40.20000	-0.38110	37.561	-0.30061	-3.2130	5.1110E-6	
-7.00000	60.00000	40.20000	-0.44767	37.561	-0.40167	-3.7861	4.9902E-6	
-6.00000	60.00000	40.20000	-0.52800	37.561	-0.54610	-4.5093	4.4702E-6	
-5.00000	60.00000	40.20000	-0.62594	37.561	-0.75755	-5.4371	3.2341E-6	
-4.00000	60.00000	40.20000	-0.74702	37.561	-1.0763	-6.6501	0.0	
-3.00000	60.00000	40.20000	-0.89969	37.561	-1.5747	-8.2696	-4.2737E-6	
-2.00000	60.00000	40.20000	-1.0981	37.561	-2.3891	-10.481	-13.974E-6	
-1.00000	60.00000	40.20000	-1.3688	37.561	-3.7892	-13.568	-33.244E-6	
0.00000	60.00000	40.20000	-1.7641	37.561	-6.3101	-17.935	-72.260E-6	
1.00000	60.00000	40.20000	-2.3798	37.561	-10.905	-24.043	-150.09E-6	
2.00000	60.00000	40.20000	-3.3243	37.561	-18.611	-32.002	-288.89E-6	
3.00000	60.00000	40.20000	-4.5071	37.561	-28.564	-40.710	-473.88E-6	
4.00000	60.00000	40.20000	-5.5112	37.561	-36.883	-47.953	-628.64E-6	
5.00000	60.00000	40.20000	-6.0892	37.561	-41.277	-52.240	-708.69E-6	
6.00000	60.00000	40.20000	-5.9793	37.561	-39.250	-51.828	-666.07E-6	
7.00000	60.00000	40.20000	-4.6652	37.561	-26.060	-45.046	-403.67E-6	
8.00000	60.00000	40.20000	-3.0958	37.561	-10.829	-37.126	-100.99E-6	
9.00000	60.00000	40.20000	-3.0214	37.561	-10.192	-36.556	-89.204E-6	
10.00000	60.00000	40.20000	-4.4567	37.561	-24.283	-43.440	-370.84E-6	
11.00000	60.00000	40.20000	-5.6855	37.561	-36.787	-49.538	-620.78E-6	
12.00000	60.00000	40.20000	-5.8262	37.561	-39.202	-49.984	-671.72E-6	
13.00000	60.00000	40.20000	-5.4574	37.561	-36.828	-46.663	-632.12E-6	
14.00000	60.00000	40.20000	-4.6979	37.561	-30.799	-40.712	-522.51E-6	
15.00000	60.00000	40.20000	-3.5867	37.561	-21.459	-32.802	-347.96E-6	
16.00000	60.00000	40.20000	-2.6212	37.561	-13.432	-25.295	-200.54E-6	
17.00000	60.00000	40.20000	-2.0106	37.561	-8.7153	-19.670	-118.30E-6	
18.00000	60.00000	40.20000	-1.6372	37.561	-6.2183	-15.762	-78.143E-6	
19.00000	60.00000	40.20000	-1.3729	37.561	-4.7118	-12.941	-55.595E-6	
20.00000	60.00000	40.20000	-1.1574	37.561	-3.6013	-10.750	-39.374E-6	
21.00000	60.00000	40.20000	-0.97236	37.561	-2.7033	-8.9624	-26.319E-6	
22.00000	60.00000	40.20000	-0.81470	37.561	-1.9855	-7.4775	-16.085E-6	
23.00000	60.00000	40.20000	-0.68294	37.561	-1.4368	-6.2472	-8.6080E-6	
24.00000	60.00000	40.20000	-0.57421	37.561	-1.0340	-5.2357	-3.5115E-6	
25.00000	60.00000	40.20000	-0.48475	37.561	-0.74573	-4.4088	0.0	
26.00000	60.00000	40.20000	-0.41090	37.561	-0.54185	-3.7341	1.7514E-6	
27.00000	60.00000	40.20000	-0.34957	37.561	-0.39791	-3.1829	2.8848E-6	
28.00000	60.00000	40.20000	-0.29830	37.561	-0.29578	-2.7310	3.4681E-6	
29.00000	60.00000	40.20000	-0.25518	37.561	-0.22269	-2.3585	3.7077E-6	
30.00000	60.00000	40.20000	-0.21870	37.561	-0.16980	-2.0496	3.7383E-6	

31.00000	60.00000	40.20000	-0.18770	37.561	-0.13107	-1.7918	3.6458E-6	
32.00000	60.00000	40.20000	-0.16126	37.561	-0.10237	-1.5751	3.4846E-6	
33.00000	60.00000	40.20000	-0.13862	37.561	-0.080840	-1.3919	3.2887E-6	
34.00000	60.00000	40.20000	-0.11918	37.561	-0.064501	-1.2360	3.0788E-6	
35.00000	60.00000	40.20000	-0.10245	37.561	-0.051963	-1.1025	2.8676E-6	
36.00000	60.00000	40.20000	-0.088027	37.561	-0.042240	-0.98765	2.6626E-6	
37.00000	60.00000	40.20000	-0.075561	37.561	-0.034624	-0.88821	2.4677E-6	
38.00000	60.00000	40.20000	-0.064774	37.561	-0.028604	-0.80173	2.2851E-6	
39.00000	60.00000	40.20000	-0.055426	37.561	-0.023802	-0.72614	2.1154E-6	
40.00000	60.00000	40.20000	-0.047316	37.561	-0.019940	-0.65980	1.9589E-6	
41.00000	60.00000	40.20000	-0.040275	37.561	-0.016810	-0.60131	1.8149E-6	!
42.00000	60.00000	40.20000	-0.034156	37.561	-0.014255	-0.54956	1.6828E-6	!
43.00000	60.00000	40.20000	-0.028836	37.561	-0.012155	-0.50359	1.5618E-6	!
44.00000	60.00000	40.20000	-0.024208	37.561	-0.010418	-0.46262	1.4510E-6	!
45.00000	60.00000	40.20000	-0.020182	37.561	-0.0089726	-0.42598	1.3496E-6	!
46.00000	60.00000	40.20000	-0.016678	37.561	-0.0077628	-0.39312	1.2567E-6	!
47.00000	60.00000	40.20000	-0.013629	37.561	-0.0067448	-0.36356	1.1717E-6	!
48.00000	60.00000	40.20000	-0.010977	37.561	-0.0058840	-0.33689	1.0937E-6	!
49.00000	60.00000	40.20000	-0.0086699	37.561	-0.0051525	-0.31277	1.0221E-6	!
50.00000	60.00000	40.20000	-0.0066649	37.561	-0.0045282	-0.29090	0.0	!
-10.00000	61.00000	40.20000	-0.28490	37.561	-0.17264	-2.4216	5.0254E-6	
-9.00000	61.00000	40.20000	-0.33252	37.561	-0.22339	-2.8037	5.3067E-6	
-8.00000	61.00000	40.20000	-0.38899	37.561	-0.29301	-3.2723	5.4913E-6	
-7.00000	61.00000	40.20000	-0.45640	37.561	-0.39025	-3.8542	5.4858E-6	
-6.00000	61.00000	40.20000	-0.53750	37.561	-0.52902	-4.5874	5.1252E-6	
-5.00000	61.00000	40.20000	-0.63607	37.561	-0.73214	-5.5262	4.1100E-6	
-4.00000	61.00000	40.20000	-0.75748	37.561	-1.0389	-6.7508	1.8775E-6	
-3.00000	61.00000	40.20000	-0.91000	37.561	-1.5197	-8.3811	-2.6737E-6	
-2.00000	61.00000	40.20000	-1.1075	37.561	-2.3079	-10.598	-11.784E-6	
-1.00000	61.00000	40.20000	-1.3754	37.561	-3.6619	-13.668	-30.113E-6	
0.00000	61.00000	40.20000	-1.7620	37.561	-6.0746	-17.949	-67.084E-6	
1.00000	61.00000	40.20000	-2.3473	37.561	-10.335	-23.771	-138.67E-6	
2.00000	61.00000	40.20000	-3.1823	37.561	-16.927	-30.941	-256.11E-6	
3.00000	61.00000	40.20000	-4.0535	37.561	-23.845	-37.985	-381.09E-6	
4.00000	61.00000	40.20000	-4.5864	37.561	-27.677	-43.346	-445.02E-6	
5.00000	61.00000	40.20000	-5.1124	37.561	-31.605	-48.168	-513.01E-6	
6.00000	61.00000	40.20000	-5.7694	37.561	-36.896	-52.316	-613.08E-6	
7.00000	61.00000	40.20000	-5.6430	37.561	-35.035	-52.129	-573.28E-6	
8.00000	61.00000	40.20000	-4.9426	37.561	-28.104	-48.962	-433.95E-6	
9.00000	61.00000	40.20000	-4.8771	37.561	-27.556	-48.344	-424.26E-6	
10.00000	61.00000	40.20000	-5.4416	37.561	-33.338	-50.236	-543.22E-6	
11.00000	61.00000	40.20000	-5.4437	37.561	-34.137	-49.183	-564.42E-6	
12.00000	61.00000	40.20000	-4.7582	37.561	-28.645	-44.233	-462.86E-6	
13.00000	61.00000	40.20000	-4.3591	37.561	-25.913	-39.416	-420.89E-6	
14.00000	61.00000	40.20000	-4.0278	37.561	-23.931	-34.820	-394.43E-6	
15.00000	61.00000	40.20000	-3.2926	37.561	-18.237	-29.003	-291.65E-6	
16.00000	61.00000	40.20000	-2.5713	37.561	-12.627	-23.436	-189.77E-6	
17.00000	61.00000	40.20000	-2.1086	37.561	-9.3796	-19.288	-134.14E-6	
18.00000	61.00000	40.20000	-1.8027	37.561	-7.5502	-16.275	-105.26E-6	
19.00000	61.00000	40.20000	-1.5483	37.561	-6.1415	-13.853	-83.395E-6	
20.00000	61.00000	40.20000	-1.3105	37.561	-4.8169	-11.735	-62.252E-6	
21.00000	61.00000	40.20000	-1.0922	37.561	-3.6040	-9.8500	-42.699E-6	
22.00000	61.00000	40.20000	-0.90325	37.561	-2.5975	-8.2075	-26.754E-6	
23.00000	61.00000	40.20000	-0.74714	37.561	-1.8324	-6.8194	-15.139E-6	

24.00000	61.00000	40.20000	-0.62099	37.561	-1.2838	-5.6739	-7.3569E-6	
25.00000	61.00000	40.20000	-0.51944	37.561	-0.90264	-4.7417	-2.4445E-6	
26.00000	61.00000	40.20000	-0.43716	37.561	-0.64103	-3.9874	0.0	
27.00000	61.00000	40.20000	-0.36985	37.561	-0.46139	-3.3768	2.2068E-6	
28.00000	61.00000	40.20000	-0.31422	37.561	-0.33706	-2.8808	3.1130E-6	
29.00000	61.00000	40.20000	-0.26785	37.561	-0.24999	-2.4753	3.5372E-6	
30.00000	61.00000	40.20000	-0.22890	37.561	-0.18817	-2.1417	3.6723E-6	
31.00000	61.00000	40.20000	-0.19599	37.561	-0.14365	-1.8651	3.6379E-6	
32.00000	61.00000	40.20000	-0.16804	37.561	-0.11112	-1.6340	3.5079E-6	
33.00000	61.00000	40.20000	-0.14421	37.561	-0.087026	-1.4397	3.3276E-6	
34.00000	61.00000	40.20000	-0.12381	37.561	-0.068938	-1.2752	3.1244E-6	
35.00000	61.00000	40.20000	-0.10630	37.561	-0.055189	-1.1349	2.9148E-6	
36.00000	61.00000	40.20000	-0.091242	37.561	-0.044617	-1.0146	2.7085E-6	
37.00000	61.00000	40.20000	-0.078254	37.561	-0.036397	-0.91076	2.5109E-6	
38.00000	61.00000	40.20000	-0.067035	37.561	-0.029940	-0.82074	2.3249E-6	
39.00000	61.00000	40.20000	-0.057329	37.561	-0.024821	-0.74228	2.1518E-6	
40.00000	61.00000	40.20000	-0.048922	37.561	-0.020725	-0.67357	1.9917E-6	
41.00000	61.00000	40.20000	-0.041631	37.561	-0.017420	-0.61312	1.8444E-6	!
42.00000	61.00000	40.20000	-0.035304	37.561	-0.014734	-0.55974	1.7093E-6	!
43.00000	61.00000	40.20000	-0.029808	37.561	-0.012533	-0.51241	1.5855E-6	!
44.00000	61.00000	40.20000	-0.025033	37.561	-0.010720	-0.47029	1.4722E-6	!
45.00000	61.00000	40.20000	-0.020881	37.561	-0.0092145	-0.43268	1.3686E-6	!
46.00000	61.00000	40.20000	-0.017272	37.561	-0.0079583	-0.39899	1.2737E-6	!
47.00000	61.00000	40.20000	-0.014133	37.561	-0.0069038	-0.36872	1.1869E-6	!
48.00000	61.00000	40.20000	-0.011405	37.561	-0.0060141	-0.34144	1.1074E-6	!
49.00000	61.00000	40.20000	-0.0090332	37.561	-0.0052596	-0.31680	1.0344E-6	!
50.00000	61.00000	40.20000	-0.0069732	37.561	-0.0046169	-0.29447	0.0	!
-10.00000	62.00000	40.20000	-0.29001	37.561	-0.16848	-2.4571	5.2445E-6	
-9.00000	62.00000	40.20000	-0.33817	37.561	-0.21729	-2.8434	5.5836E-6	
-8.00000	62.00000	40.20000	-0.39515	37.561	-0.28402	-3.3162	5.8464E-6	
-7.00000	62.00000	40.20000	-0.46294	37.561	-0.37698	-3.9020	5.9478E-6	
-6.00000	62.00000	40.20000	-0.54422	37.561	-0.50940	-4.6377	5.7346E-6	
-5.00000	62.00000	40.20000	-0.64259	37.561	-0.70314	-5.5765	4.9237E-6	
-4.00000	62.00000	40.20000	-0.76321	37.561	-0.99596	-6.7962	2.9755E-6	
-3.00000	62.00000	40.20000	-0.91404	37.561	-1.4561	-8.4123	-1.1763E-6	
-2.00000	62.00000	40.20000	-1.1084	37.561	-2.2124	-10.597	-9.7071E-6	
-1.00000	62.00000	40.20000	-1.3708	37.561	-3.5129	-13.601	-27.111E-6	
0.00000	62.00000	40.20000	-1.7468	37.561	-5.8197	-17.746	-62.275E-6	
1.00000	62.00000	40.20000	-2.3064	37.561	-9.8201	-23.280	-129.25E-6	
2.00000	62.00000	40.20000	-3.0680	37.561	-15.678	-29.848	-232.90E-6	
3.00000	62.00000	40.20000	-3.7485	37.561	-20.744	-35.824	-321.44E-6	
4.00000	62.00000	40.20000	-4.0096	37.561	-21.999	-40.213	-332.83E-6	
5.00000	62.00000	40.20000	-4.5735	37.561	-26.339	-46.076	-406.02E-6	
6.00000	62.00000	40.20000	-5.9115	37.561	-38.186	-54.735	-632.39E-6	
7.00000	62.00000	40.20000	-6.9199	37.561	-47.213	-61.328	-804.90E-6	
8.00000	62.00000	40.20000	-7.1296	37.561	-49.006	-63.417	-836.33E-6	
9.00000	62.00000	40.20000	-7.0865	37.561	-48.681	-62.890	-831.17E-6	
10.00000	62.00000	40.20000	-6.7743	37.561	-46.060	-59.498	-786.44E-6	
11.00000	62.00000	40.20000	-5.6481	37.561	-35.994	-51.102	-597.86E-6	
12.00000	62.00000	40.20000	-4.1898	37.561	-22.989	-40.230	-354.32E-6	
13.00000	62.00000	40.20000	-3.4571	37.561	-16.967	-32.097	-252.78E-6	
14.00000	62.00000	40.20000	-3.1103	37.561	-14.810	-26.714	-225.37E-6	
15.00000	62.00000	40.20000	-2.6440	37.561	-11.720	-22.451	-173.60E-6	
16.00000	62.00000	40.20000	-2.3295	37.561	-10.055	-19.702	-147.34E-6	

17.00000	62.00000	40.20000	-2.1610	37.561	-9.6728	-18.013	-145.15E-6	
18.00000	62.00000	40.20000	-1.9854	37.561	-9.1127	-16.469	-138.56E-6	
19.00000	62.00000	40.20000	-1.7560	37.561	-7.9397	-14.702	-119.44E-6	
20.00000	62.00000	40.20000	-1.4913	37.561	-6.3487	-12.746	-91.917E-6	
21.00000	62.00000	40.20000	-1.2300	37.561	-4.7185	-10.777	-63.588E-6	
22.00000	62.00000	40.20000	-1.0014	37.561	-3.3343	-8.9653	-40.038E-6	
23.00000	62.00000	40.20000	-0.81547	37.561	-2.2941	-7.4049	-23.063E-6	
24.00000	62.00000	40.20000	-0.66899	37.561	-1.5664	-6.1148	-11.909E-6	
25.00000	62.00000	40.20000	-0.55395	37.561	-1.0752	-5.0712	-5.0037E-6	
26.00000	62.00000	40.20000	-0.46268	37.561	-0.74728	-4.2342	0.0	
27.00000	62.00000	40.20000	-0.38920	37.561	-0.52784	-3.5632	1.4369E-6	
28.00000	62.00000	40.20000	-0.32922	37.561	-0.37939	-3.0230	2.7078E-6	
29.00000	62.00000	40.20000	-0.27967	37.561	-0.27749	-2.5852	3.3372E-6	
30.00000	62.00000	40.20000	-0.23834	37.561	-0.20639	-2.2275	3.5872E-6	
31.00000	62.00000	40.20000	-0.20362	37.561	-0.15594	-1.9329	3.6165E-6	
32.00000	62.00000	40.20000	-0.17425	37.561	-0.11957	-1.6883	3.5208E-6	
33.00000	62.00000	40.20000	-0.14931	37.561	-0.092925	-1.4835	3.3580E-6	
34.00000	62.00000	40.20000	-0.12802	37.561	-0.073125	-1.3109	3.1627E-6	
35.00000	62.00000	40.20000	-0.10980	37.561	-0.058206	-1.1642	2.9555E-6	
36.00000	62.00000	40.20000	-0.094151	37.561	-0.046820	-1.0389	2.7487E-6	
37.00000	62.00000	40.20000	-0.080686	37.561	-0.038028	-0.93109	2.5491E-6	
38.00000	62.00000	40.20000	-0.069075	37.561	-0.031162	-0.83784	2.3604E-6	
39.00000	62.00000	40.20000	-0.059044	37.561	-0.025746	-0.75676	2.1841E-6	
40.00000	62.00000	40.20000	-0.050367	37.561	-0.021433	-0.68589	2.0210E-6	
41.00000	62.00000	40.20000	-0.042851	37.561	-0.017968	-0.62368	1.8708E-6	!
42.00000	62.00000	40.20000	-0.036334	37.561	-0.015161	-0.56882	1.7329E-6	!
43.00000	62.00000	40.20000	-0.030680	37.561	-0.012870	-0.52026	1.6067E-6	!
44.00000	62.00000	40.20000	-0.025771	37.561	-0.010987	-0.47711	1.4912E-6	!
45.00000	62.00000	40.20000	-0.021508	37.561	-0.0094280	-0.43862	1.3855E-6	!
46.00000	62.00000	40.20000	-0.017803	37.561	-0.0081302	-0.40419	1.2889E-6	!
47.00000	62.00000	40.20000	-0.014584	37.561	-0.0070432	-0.37329	1.2005E-6	!
48.00000	62.00000	40.20000	-0.011787	37.561	-0.0061278	-0.34547	1.1195E-6	!
49.00000	62.00000	40.20000	-0.0093577	37.561	-0.0053530	-0.32036	1.0453E-6	!
50.00000	62.00000	40.20000	-0.0072483	37.561	-0.0046939	-0.29764	0.0	!
-10.00000	63.00000	40.20000	-0.29408	37.561	-0.16381	-2.4840	5.4438E-6	
-9.00000	63.00000	40.20000	-0.34257	37.561	-0.21057	-2.8725	5.8352E-6	
-8.00000	63.00000	40.20000	-0.39976	37.561	-0.27430	-3.3466	6.1679E-6	
-7.00000	63.00000	40.20000	-0.46758	37.561	-0.36284	-3.9319	6.3639E-6	
-6.00000	63.00000	40.20000	-0.54855	37.561	-0.48873	-4.6641	6.2800E-6	
-5.00000	63.00000	40.20000	-0.64609	37.561	-0.67277	-5.5939	5.6475E-6	
-4.00000	63.00000	40.20000	-0.76507	37.561	-0.95110	-6.7953	3.9480E-6	
-3.00000	63.00000	40.20000	-0.91307	37.561	-1.3895	-8.3774	0.0	
-2.00000	63.00000	40.20000	-1.1029	37.561	-2.1129	-10.503	-7.8848E-6	
-1.00000	63.00000	40.20000	-1.3586	37.561	-3.3647	-13.410	-24.582E-6	
0.00000	63.00000	40.20000	-1.7258	37.561	-5.6065	-17.409	-58.860E-6	
1.00000	63.00000	40.20000	-2.2790	37.561	-9.5643	-22.765	-125.55E-6	
2.00000	63.00000	40.20000	-3.0613	37.561	-15.630	-29.250	-234.01E-6	
3.00000	63.00000	40.20000	-3.8640	37.561	-21.838	-35.559	-346.22E-6	
4.00000	63.00000	40.20000	-4.3779	37.561	-25.438	-40.878	-405.25E-6	
5.00000	63.00000	40.20000	-5.1087	37.561	-31.360	-47.863	-508.77E-6	
6.00000	63.00000	40.20000	-6.4935	37.561	-43.772	-58.074	-741.82E-6	
7.00000	63.00000	40.20000	-7.7551	37.561	-55.363	-67.517	-959.79E-6	
8.00000	63.00000	40.20000	-8.3276	37.561	-60.714	-72.497	-0.0010582	
9.00000	63.00000	40.20000	-8.3237	37.561	-60.782	-72.321	-0.0010603	

10.00000	63.00000	40.20000	-7.6799	37.561	-54.915	-66.245	-954.65E-6	
11.00000	63.00000	40.20000	-6.2015	37.561	-41.294	-53.948	-702.87E-6	
12.00000	63.00000	40.20000	-4.4026	37.561	-24.830	-39.006	-398.82E-6	
13.00000	63.00000	40.20000	-2.9860	37.561	-12.236	-26.253	-171.03E-6	
14.00000	63.00000	40.20000	-1.9214	37.561	-3.3209	-17.358	-9.3113E-6	
15.00000	63.00000	40.20000	-1.5458	37.561	-1.1075	-13.704	25.600E-6	
16.00000	63.00000	40.20000	-1.8687	37.561	-5.4960	-14.529	-66.899E-6	
17.00000	63.00000	40.20000	-2.1560	37.561	-9.4889	-16.068	-148.20E-6	
18.00000	63.00000	40.20000	-2.1626	37.561	-10.686	-16.373	-173.14E-6	
19.00000	63.00000	40.20000	-1.9710	37.561	-9.8648	-15.427	-158.70E-6	
20.00000	63.00000	40.20000	-1.6806	37.561	-8.0104	-13.701	-124.61E-6	
21.00000	63.00000	40.20000	-1.3734	37.561	-5.9281	-11.675	-86.648E-6	
22.00000	63.00000	40.20000	-1.1017	37.561	-4.1270	-9.7017	-54.616E-6	
23.00000	63.00000	40.20000	-0.88364	37.561	-2.7834	-7.9698	-31.660E-6	
24.00000	63.00000	40.20000	-0.71566	37.561	-1.8606	-6.5357	-16.783E-6	
25.00000	63.00000	40.20000	-0.58676	37.561	-1.2514	-5.3820	-7.7105E-6	
26.00000	63.00000	40.20000	-0.48648	37.561	-0.85383	-4.4644	-2.3885E-6	
27.00000	63.00000	40.20000	-0.40699	37.561	-0.59335	-3.7351	0.0	
28.00000	63.00000	40.20000	-0.34284	37.561	-0.42047	-3.1530	2.2852E-6	
29.00000	63.00000	40.20000	-0.29031	37.561	-0.30379	-2.6847	3.1258E-6	
30.00000	63.00000	40.20000	-0.24679	37.561	-0.22357	-2.3047	3.4932E-6	
31.00000	63.00000	40.20000	-0.21041	37.561	-0.16740	-1.9935	3.5871E-6	
32.00000	63.00000	40.20000	-0.17977	37.561	-0.12735	-1.7365	3.5262E-6	
33.00000	63.00000	40.20000	-0.15382	37.561	-0.098310	-1.5223	3.3814E-6	
34.00000	63.00000	40.20000	-0.13174	37.561	-0.076912	-1.3423	3.1944E-6	
35.00000	63.00000	40.20000	-0.11287	37.561	-0.060912	-1.1900	2.9903E-6	
36.00000	63.00000	40.20000	-0.096711	37.561	-0.048782	-1.0602	2.7835E-6	
37.00000	63.00000	40.20000	-0.082824	37.561	-0.039469	-0.94888	2.5823E-6	
38.00000	63.00000	40.20000	-0.070865	37.561	-0.032235	-0.85277	2.3912E-6	
39.00000	63.00000	40.20000	-0.060547	37.561	-0.026554	-0.76937	2.2123E-6	
40.00000	63.00000	40.20000	-0.051632	37.561	-0.022048	-0.69662	2.0465E-6	
41.00000	63.00000	40.20000	-0.043918	37.561	-0.018441	-0.63285	1.8938E-6	!
42.00000	63.00000	40.20000	-0.037236	37.561	-0.015529	-0.57671	1.7535E-6	!
43.00000	63.00000	40.20000	-0.031443	37.561	-0.013158	-0.52707	1.6251E-6	!
44.00000	63.00000	40.20000	-0.026417	37.561	-0.011214	-0.48302	1.5076E-6	!
45.00000	63.00000	40.20000	-0.022054	37.561	-0.0096093	-0.44377	1.4002E-6	!
46.00000	63.00000	40.20000	-0.018266	37.561	-0.0082756	-0.40870	1.3021E-6	!
47.00000	63.00000	40.20000	-0.014977	37.561	-0.0071607	-0.37724	1.2123E-6	!
48.00000	63.00000	40.20000	-0.012120	37.561	-0.0062234	-0.34896	1.1301E-6	!
49.00000	63.00000	40.20000	-0.0096401	37.561	-0.0054311	-0.32344	1.0548E-6	!
50.00000	63.00000	40.20000	-0.0074877	37.561	-0.0047582	-0.30037	0.0	!
-10.00000	64.00000	40.20000	-0.29722	37.561	-0.15888	-2.5033	5.6209E-6	
-9.00000	64.00000	40.20000	-0.34586	37.561	-0.20361	-2.8922	6.0580E-6	
-8.00000	64.00000	40.20000	-0.40306	37.561	-0.26440	-3.3653	6.4511E-6	
-7.00000	64.00000	40.20000	-0.47065	37.561	-0.34865	-3.9471	6.7279E-6	
-6.00000	64.00000	40.20000	-0.55099	37.561	-0.46817	-4.6713	6.7536E-6	
-5.00000	64.00000	40.20000	-0.64725	37.561	-0.64266	-5.5855	6.2721E-6	
-4.00000	64.00000	40.20000	-0.76401	37.561	-0.90647	-6.7582	4.7849E-6	
-3.00000	64.00000	40.20000	-0.90832	37.561	-1.3224	-8.2903	1.2901E-6	
-2.00000	64.00000	40.20000	-1.0924	37.561	-2.0110	-10.332	-6.2892E-6	
-1.00000	64.00000	40.20000	-1.3397	37.561	-3.2106	-13.103	-22.340E-6	
0.00000	64.00000	40.20000	-1.6964	37.561	-5.3874	-16.904	-55.919E-6	
1.00000	64.00000	40.20000	-2.2441	37.561	-9.3306	-22.028	-123.14E-6	
2.00000	64.00000	40.20000	-3.0562	37.561	-15.712	-28.385	-238.94E-6	

3.00000	64.00000	40.20000	-3.9921	37.561	-23.183	-34.912	-377.83E-6	
4.00000	64.00000	40.20000	-4.7163	37.561	-28.718	-40.630	-477.52E-6	
5.00000	64.00000	40.20000	-5.4562	37.561	-34.666	-47.359	-582.55E-6	
6.00000	64.00000	40.20000	-6.6062	37.561	-44.868	-56.942	-769.77E-6	
7.00000	64.00000	40.20000	-7.7772	37.561	-55.677	-66.988	-968.53E-6	
8.00000	64.00000	40.20000	-8.5041	37.561	-62.585	-73.759	-0.0010943	
9.00000	64.00000	40.20000	-8.6225	37.561	-63.871	-74.689	-0.0011189	
10.00000	64.00000	40.20000	-7.9323	37.561	-57.537	-67.978	-0.0010054	
11.00000	64.00000	40.20000	-6.3105	37.561	-42.457	-53.758	-728.87E-6	
12.00000	64.00000	40.20000	-4.2729	37.561	-23.610	-36.166	-382.57E-6	
13.00000	64.00000	40.20000	-2.4144	37.561	-6.7548	-20.257	-73.516E-6	
14.00000	64.00000	40.20000	-0.90421	37.561	6.3823	-9.0218	171.59E-6	
15.00000	64.00000	40.20000	-0.65521	37.561	7.4129	-6.0534	183.25E-6	
16.00000	64.00000	40.20000	-1.4969	37.561	-1.8807	-9.8243	-5.2940E-6	
17.00000	64.00000	40.20000	-2.1477	37.561	-9.3501	-14.092	-152.34E-6	
18.00000	64.00000	40.20000	-2.3062	37.561	-12.003	-16.067	-202.91E-6	
19.00000	64.00000	40.20000	-2.1533	37.561	-11.534	-15.936	-193.18E-6	
20.00000	64.00000	40.20000	-1.8472	37.561	-9.5022	-14.488	-154.22E-6	
21.00000	64.00000	40.20000	-1.5027	37.561	-7.0431	-12.452	-108.09E-6	
22.00000	64.00000	40.20000	-1.1930	37.561	-4.8688	-10.352	-68.400E-6	
23.00000	64.00000	40.20000	-0.94558	37.561	-3.2434	-8.4715	-39.850E-6	
24.00000	64.00000	40.20000	-0.75769	37.561	-2.1365	-6.9090	-21.433E-6	
25.00000	64.00000	40.20000	-0.61596	37.561	-1.4155	-5.6564	-10.287E-6	
26.00000	64.00000	40.20000	-0.50744	37.561	-0.95221	-4.6663	-3.7969E-6	
27.00000	64.00000	40.20000	-0.42250	37.561	-0.65322	-3.8850	0.0	
28.00000	64.00000	40.20000	-0.35464	37.561	-0.45761	-3.2655	1.8851E-6	
29.00000	64.00000	40.20000	-0.29948	37.561	-0.32731	-2.7703	2.9246E-6	
30.00000	64.00000	40.20000	-0.25404	37.561	-0.23879	-2.3708	3.4019E-6	
31.00000	64.00000	40.20000	-0.21621	37.561	-0.17744	-2.0453	3.5561E-6	
32.00000	64.00000	40.20000	-0.18447	37.561	-0.13411	-1.7774	3.5277E-6	
33.00000	64.00000	40.20000	-0.15766	37.561	-0.10295	-1.5551	3.3996E-6	
34.00000	64.00000	40.20000	-0.13489	37.561	-0.080147	-1.3689	3.2205E-6	
35.00000	64.00000	40.20000	-0.11549	37.561	-0.063205	-1.2118	3.0193E-6	
36.00000	64.00000	40.20000	-0.098881	37.561	-0.050433	-1.0782	2.8127E-6	
37.00000	64.00000	40.20000	-0.084634	37.561	-0.040675	-0.96383	2.6103E-6	
38.00000	64.00000	40.20000	-0.072380	37.561	-0.033127	-0.86531	2.4172E-6	
39.00000	64.00000	40.20000	-0.061819	37.561	-0.027222	-0.77996	2.2362E-6	
40.00000	64.00000	40.20000	-0.052702	37.561	-0.022554	-0.70561	2.0681E-6	
41.00000	64.00000	40.20000	-0.044819	37.561	-0.018828	-0.64053	1.9132E-6	!
42.00000	64.00000	40.20000	-0.037997	37.561	-0.015828	-0.58330	1.7709E-6	!
43.00000	64.00000	40.20000	-0.032086	37.561	-0.013391	-0.53276	1.6407E-6	!
44.00000	64.00000	40.20000	-0.026961	37.561	-0.011398	-0.48795	1.5215E-6	!
45.00000	64.00000	40.20000	-0.022515	37.561	-0.0097550	-0.44807	1.4127E-6	!
46.00000	64.00000	40.20000	-0.018657	37.561	-0.0083921	-0.41245	1.3131E-6	!
47.00000	64.00000	40.20000	-0.015308	37.561	-0.0072544	-0.38054	1.2222E-6	!
48.00000	64.00000	40.20000	-0.012401	37.561	-0.0062993	-0.35186	1.1389E-6	!
49.00000	64.00000	40.20000	-0.0098777	37.561	-0.0054930	-0.32601	1.0627E-6	!
50.00000	64.00000	40.20000	-0.0076889	37.561	-0.0048089	-0.30264	0.0	!
-10.00000	65.00000	40.20000	-0.29952	37.561	-0.15393	-2.5159	5.7745E-6	
-9.00000	65.00000	40.20000	-0.34820	37.561	-0.19674	-2.9041	6.2506E-6	
-8.00000	65.00000	40.20000	-0.40529	37.561	-0.25479	-3.3748	6.6948E-6	
-7.00000	65.00000	40.20000	-0.47250	37.561	-0.33503	-3.9512	7.0392E-6	
-6.00000	65.00000	40.20000	-0.55203	37.561	-0.44860	-4.6649	7.1559E-6	
-5.00000	65.00000	40.20000	-0.64682	37.561	-0.61404	-5.5595	6.8005E-6	

-4.00000	65.00000	40.20000	-0.76104	37.561	-0.86358	-6.6971	5.4963E-6	
-3.00000	65.00000	40.20000	-0.90115	37.561	-1.2562	-8.1673	2.2859E-6	
-2.00000	65.00000	40.20000	-1.0785	37.561	-1.9046	-10.101	-4.8126E-6	
-1.00000	65.00000	40.20000	-1.3148	37.561	-3.0329	-12.686	-19.985E-6	
0.00000	65.00000	40.20000	-1.6539	37.561	-5.0805	-16.175	-51.889E-6	
1.00000	65.00000	40.20000	-2.1737	37.561	-8.7927	-20.789	-115.93E-6	
2.00000	65.00000	40.20000	-2.9403	37.561	-14.753	-26.340	-225.49E-6	
3.00000	65.00000	40.20000	-3.7799	37.561	-21.278	-31.565	-348.51E-6	
4.00000	65.00000	40.20000	-4.2618	37.561	-24.431	-35.151	-404.12E-6	
5.00000	65.00000	40.20000	-4.5998	37.561	-26.466	-39.167	-433.82E-6	
6.00000	65.00000	40.20000	-5.4382	37.561	-33.640	-46.993	-561.54E-6	
7.00000	65.00000	40.20000	-6.6722	37.561	-45.058	-57.828	-770.70E-6	
8.00000	65.00000	40.20000	-7.8137	37.561	-55.982	-67.549	-973.14E-6	
9.00000	65.00000	40.20000	-8.3023	37.561	-60.877	-71.154	-0.0010666	
10.00000	65.00000	40.20000	-7.6815	37.561	-55.253	-65.108	-966.13E-6	
11.00000	65.00000	40.20000	-5.8719	37.561	-38.395	-49.741	-655.03E-6	
12.00000	65.00000	40.20000	-3.6568	37.561	-17.827	-30.658	-276.72E-6	
13.00000	65.00000	40.20000	-1.9341	37.561	-2.1529	-14.374	5.2809E-6	
14.00000	65.00000	40.20000	-0.74690	37.561	8.0389	-3.8587	188.91E-6	
15.00000	65.00000	40.20000	-0.60471	37.561	8.0444	-1.7568	181.41E-6	
16.00000	65.00000	40.20000	-1.4298	37.561	-1.1815	-6.6142	-1.7225E-6	
17.00000	65.00000	40.20000	-2.1510	37.561	-9.3728	-12.337	-159.20E-6	
18.00000	65.00000	40.20000	-2.3906	37.561	-12.804	-15.555	-222.19E-6	
19.00000	65.00000	40.20000	-2.2744	37.561	-12.662	-16.159	-216.92E-6	
20.00000	65.00000	40.20000	-1.9672	37.561	-10.590	-15.019	-175.96E-6	
21.00000	65.00000	40.20000	-1.6011	37.561	-7.9011	-13.031	-124.66E-6	
22.00000	65.00000	40.20000	-1.2650	37.561	-5.4610	-10.857	-79.452E-6	
23.00000	65.00000	40.20000	-0.99546	37.561	-3.6192	-8.8703	-46.581E-6	
24.00000	65.00000	40.20000	-0.79183	37.561	-2.3647	-7.2088	-25.311E-6	
25.00000	65.00000	40.20000	-0.63972	37.561	-1.5519	-5.8775	-12.453E-6	
26.00000	65.00000	40.20000	-0.52445	37.561	-1.0339	-4.8289	-4.9841E-6	
27.00000	65.00000	40.20000	-0.43506	37.561	-0.70271	-4.0055	0.0	
28.00000	65.00000	40.20000	-0.36417	37.561	-0.48813	-3.3558	1.5486E-6	
29.00000	65.00000	40.20000	-0.30687	37.561	-0.34650	-2.8389	2.7558E-6	
30.00000	65.00000	40.20000	-0.25987	37.561	-0.25110	-2.4236	3.3255E-6	
31.00000	65.00000	40.20000	-0.22088	37.561	-0.18551	-2.0865	3.5301E-6	
32.00000	65.00000	40.20000	-0.18825	37.561	-0.13950	-1.8101	3.5288E-6	
33.00000	65.00000	40.20000	-0.16074	37.561	-0.10661	-1.5812	3.4145E-6	
34.00000	65.00000	40.20000	-0.13743	37.561	-0.082687	-1.3901	3.2419E-6	
35.00000	65.00000	40.20000	-0.11759	37.561	-0.064994	-1.2291	3.0430E-6	
36.00000	65.00000	40.20000	-0.10063	37.561	-0.051713	-1.0925	2.8366E-6	
37.00000	65.00000	40.20000	-0.086090	37.561	-0.041603	-0.97569	2.6331E-6	
38.00000	65.00000	40.20000	-0.073599	37.561	-0.033809	-0.87526	2.4384E-6	
39.00000	65.00000	40.20000	-0.062842	37.561	-0.027730	-0.78835	2.2556E-6	
40.00000	65.00000	40.20000	-0.053562	37.561	-0.022937	-0.71274	2.0857E-6	
41.00000	65.00000	40.20000	-0.045545	37.561	-0.019120	-0.64662	1.9289E-6	!
42.00000	65.00000	40.20000	-0.038609	37.561	-0.016052	-0.58853	1.7850E-6	!
43.00000	65.00000	40.20000	-0.032603	37.561	-0.013565	-0.53728	1.6533E-6	!
44.00000	65.00000	40.20000	-0.027398	37.561	-0.011534	-0.49186	1.5328E-6	!
45.00000	65.00000	40.20000	-0.022885	37.561	-0.0098623	-0.45148	1.4227E-6	!
46.00000	65.00000	40.20000	-0.018970	37.561	-0.0084773	-0.41543	1.3221E-6	!
47.00000	65.00000	40.20000	-0.015573	37.561	-0.0073227	-0.38315	1.2302E-6	!
48.00000	65.00000	40.20000	-0.012626	37.561	-0.0063543	-0.35416	1.1461E-6	!
49.00000	65.00000	40.20000	-0.010068	37.561	-0.0055376	-0.32804	1.0691E-6	!

50.00000	65.00000	40.20000	-0.0078499	37.561	-0.0048453	-0.30444	0.0	!
-10.00000	66.00000	40.20000	-0.30110	37.561	-0.14910	-2.5228	5.9045E-6	
-9.00000	66.00000	40.20000	-0.34976	37.561	-0.19019	-2.9096	6.4134E-6	
-8.00000	66.00000	40.20000	-0.40668	37.561	-0.24578	-3.3774	6.9002E-6	
-7.00000	66.00000	40.20000	-0.47348	37.561	-0.32247	-3.9479	7.3004E-6	
-6.00000	66.00000	40.20000	-0.55221	37.561	-0.43077	-4.6505	7.4919E-6	
-5.00000	66.00000	40.20000	-0.64556	37.561	-0.58801	-5.5249	7.2417E-6	
-4.00000	66.00000	40.20000	-0.75729	37.561	-0.82410	-6.6260	6.0976E-6	
-3.00000	66.00000	40.20000	-0.89318	37.561	-1.1930	-8.0297	3.1620E-6	
-2.00000	66.00000	40.20000	-1.0632	37.561	-1.7960	-9.8411	-3.3901E-6	
-1.00000	66.00000	40.20000	-1.2863	37.561	-2.8289	-12.199	-17.314E-6	
0.00000	66.00000	40.20000	-1.5994	37.561	-4.6590	-15.253	-46.059E-6	
1.00000	66.00000	40.20000	-2.0626	37.561	-7.8453	-19.037	-101.67E-6	
2.00000	66.00000	40.20000	-2.6977	37.561	-12.525	-23.022	-189.04E-6	
3.00000	66.00000	40.20000	-3.2409	37.561	-16.141	-25.500	-258.73E-6	
4.00000	66.00000	40.20000	-3.1492	37.561	-13.724	-24.965	-208.09E-6	
5.00000	66.00000	40.20000	-2.7503	37.561	-8.6666	-24.531	-99.612E-6	
6.00000	66.00000	40.20000	-3.1387	37.561	-11.524	-29.934	-142.20E-6	
7.00000	66.00000	40.20000	-4.5661	37.561	-24.804	-42.138	-386.90E-6	
8.00000	66.00000	40.20000	-6.4696	37.561	-43.023	-56.314	-731.90E-6	
9.00000	66.00000	40.20000	-7.6189	37.561	-54.285	-64.072	-948.82E-6	
10.00000	66.00000	40.20000	-7.1922	37.561	-50.580	-59.667	-884.17E-6	
11.00000	66.00000	40.20000	-5.2857	37.561	-32.818	-43.986	-554.58E-6	
12.00000	66.00000	40.20000	-2.9810	37.561	-11.369	-24.188	-159.65E-6	
13.00000	66.00000	40.20000	-1.2919	37.561	4.0397	-7.6681	115.71E-6	
14.00000	66.00000	40.20000	-0.22184	37.561	13.159	2.4482	277.45E-6	
15.00000	66.00000	40.20000	-0.17019	37.561	12.280	3.6492	253.97E-6	
16.00000	66.00000	40.20000	-1.1246	37.561	1.7664	-2.7204	48.301E-6	
17.00000	66.00000	40.20000	-2.0347	37.561	-8.2580	-10.231	-142.58E-6	
18.00000	66.00000	40.20000	-2.3967	37.561	-12.867	-14.771	-226.40E-6	
19.00000	66.00000	40.20000	-2.3314	37.561	-13.198	-16.101	-228.78E-6	
20.00000	66.00000	40.20000	-2.0360	37.561	-11.216	-15.280	-188.63E-6	
21.00000	66.00000	40.20000	-1.6628	37.561	-8.4382	-13.382	-135.08E-6	
22.00000	66.00000	40.20000	-1.3128	37.561	-5.8517	-11.187	-86.756E-6	
23.00000	66.00000	40.20000	-1.0297	37.561	-3.8759	-9.1403	-51.188E-6	
24.00000	66.00000	40.20000	-0.81579	37.561	-2.5240	-7.4159	-28.027E-6	
25.00000	66.00000	40.20000	-0.65663	37.561	-1.6483	-6.0320	-13.990E-6	
26.00000	66.00000	40.20000	-0.53666	37.561	-1.0919	-4.9434	-5.8306E-6	
27.00000	66.00000	40.20000	-0.44413	37.561	-0.73785	-4.0906	-1.2201E-6	
28.00000	66.00000	40.20000	-0.37107	37.561	-0.50972	-3.4198	1.3109E-6	
29.00000	66.00000	40.20000	-0.31224	37.561	-0.36001	-2.8876	2.6386E-6	
30.00000	66.00000	40.20000	-0.26413	37.561	-0.25972	-2.4612	3.2745E-6	
31.00000	66.00000	40.20000	-0.22430	37.561	-0.19111	-2.1159	3.5150E-6	
32.00000	66.00000	40.20000	-0.19102	37.561	-0.14322	-1.8334	3.5326E-6	
33.00000	66.00000	40.20000	-0.16302	37.561	-0.10912	-1.6000	3.4278E-6	
34.00000	66.00000	40.20000	-0.13930	37.561	-0.084413	-1.4053	3.2594E-6	
35.00000	66.00000	40.20000	-0.11914	37.561	-0.066201	-1.2415	3.0619E-6	
36.00000	66.00000	40.20000	-0.10192	37.561	-0.052569	-1.1027	2.8552E-6	
37.00000	66.00000	40.20000	-0.087170	37.561	-0.042220	-0.98427	2.6508E-6	
38.00000	66.00000	40.20000	-0.074504	37.561	-0.034259	-0.88246	2.4548E-6	
39.00000	66.00000	40.20000	-0.063603	37.561	-0.028062	-0.79444	2.2704E-6	
40.00000	66.00000	40.20000	-0.054202	37.561	-0.023185	-0.71791	2.0990E-6	
41.00000	66.00000	40.20000	-0.046084	37.561	-0.019307	-0.65105	1.9409E-6	!
42.00000	66.00000	40.20000	-0.039064	37.561	-0.016195	-0.59233	1.7957E-6	!

43.00000	66.00000	40.20000	-0.032988	37.561	-0.013675	-0.54056	1.6628E-6	!
44.00000	66.00000	40.20000	-0.027724	37.561	-0.011619	-0.49471	1.5412E-6	!
45.00000	66.00000	40.20000	-0.023161	37.561	-0.0099288	-0.45396	1.4302E-6	!
46.00000	66.00000	40.20000	-0.019203	37.561	-0.0085298	-0.41760	1.3288E-6	!
47.00000	66.00000	40.20000	-0.015770	37.561	-0.0073642	-0.38505	1.2361E-6	!
48.00000	66.00000	40.20000	-0.012792	37.561	-0.0063874	-0.35583	1.1514E-6	!
49.00000	66.00000	40.20000	-0.010209	37.561	-0.0055642	-0.32951	1.0739E-6	!
50.00000	66.00000	40.20000	-0.0079693	37.561	-0.0048668	-0.30575	1.0029E-6	!
-10.00000	67.00000	40.20000	-0.30204	37.561	-0.14452	-2.5248	6.0113E-6	
-9.00000	67.00000	40.20000	-0.35066	37.561	-0.18411	-2.9102	6.5478E-6	
-8.00000	67.00000	40.20000	-0.40744	37.561	-0.23762	-3.3752	7.0698E-6	
-7.00000	67.00000	40.20000	-0.47391	37.561	-0.31136	-3.9406	7.5159E-6	
-6.00000	67.00000	40.20000	-0.55200	37.561	-0.41528	-4.6339	7.7687E-6	
-5.00000	67.00000	40.20000	-0.64421	37.561	-0.56568	-5.4913	7.6053E-6	
-4.00000	67.00000	40.20000	-0.75393	37.561	-0.79023	-6.5608	6.5981E-6	
-3.00000	67.00000	40.20000	-0.88625	37.561	-1.1376	-7.9052	3.9159E-6	
-2.00000	67.00000	40.20000	-1.0497	37.561	-1.6956	-9.6019	-2.0743E-6	
-1.00000	67.00000	40.20000	-1.2595	37.561	-2.6235	-11.730	-14.545E-6	
0.00000	67.00000	40.20000	-1.5426	37.561	-4.1832	-14.313	-39.117E-6	
1.00000	67.00000	40.20000	-1.9293	37.561	-6.6310	-17.110	-82.235E-6	
2.00000	67.00000	40.20000	-2.3644	37.561	-9.3510	-19.116	-134.14E-6	
3.00000	67.00000	40.20000	-2.4721	37.561	-8.7266	-18.204	-123.86E-6	
4.00000	67.00000	40.20000	-1.7659	37.561	-0.35750	-13.450	40.998E-6	
5.00000	67.00000	40.20000	-0.85106	37.561	9.6981	-9.5922	245.80E-6	
6.00000	67.00000	40.20000	-0.99906	37.561	9.1469	-13.634	248.47E-6	
7.00000	67.00000	40.20000	-2.6288	37.561	-6.1075	-27.328	-33.788E-6	
8.00000	67.00000	40.20000	-5.1758	37.561	-30.506	-45.364	-499.27E-6	
9.00000	67.00000	40.20000	-6.9006	37.561	-47.307	-56.738	-823.59E-6	
10.00000	67.00000	40.20000	-6.6363	37.561	-45.210	-53.856	-788.40E-6	
11.00000	67.00000	40.20000	-4.6772	37.561	-26.969	-38.288	-447.96E-6	
12.00000	67.00000	40.20000	-2.2805	37.561	-4.6344	-18.138	-35.062E-6	
13.00000	67.00000	40.20000	-0.25109	37.561	13.956	-0.42803	305.21E-6	
14.00000	67.00000	40.20000	1.2051	37.561	26.657	10.843	540.71E-6	
15.00000	67.00000	40.20000	1.1001	37.561	24.299	11.092	488.49E-6	
16.00000	67.00000	40.20000	-0.44396	37.561	8.2467	1.9448	172.39E-6	
17.00000	67.00000	40.20000	-1.8086	37.561	-6.0855	-8.0636	-103.17E-6	
18.00000	67.00000	40.20000	-2.3515	37.561	-12.431	-13.959	-219.86E-6	
19.00000	67.00000	40.20000	-2.3423	37.561	-13.297	-15.896	-231.69E-6	
20.00000	67.00000	40.20000	-2.0626	37.561	-11.453	-15.329	-193.62E-6	
21.00000	67.00000	40.20000	-1.6905	37.561	-8.6732	-13.519	-139.69E-6	
22.00000	67.00000	40.20000	-1.3359	37.561	-6.0351	-11.336	-90.207E-6	
23.00000	67.00000	40.20000	-1.0472	37.561	-4.0018	-9.2709	-53.454E-6	
24.00000	67.00000	40.20000	-0.82851	37.561	-2.6043	-7.5201	-29.395E-6	
25.00000	67.00000	40.20000	-0.66588	37.561	-1.6975	-6.1120	-14.771E-6	
26.00000	67.00000	40.20000	-0.54350	37.561	-1.1216	-5.0039	-6.2593E-6	
27.00000	67.00000	40.20000	-0.44931	37.561	-0.75588	-4.1364	-1.4464E-6	
28.00000	67.00000	40.20000	-0.37510	37.561	-0.52075	-3.4547	1.1976E-6	
29.00000	67.00000	40.20000	-0.31543	37.561	-0.36686	-2.9146	2.5874E-6	
30.00000	67.00000	40.20000	-0.26669	37.561	-0.26405	-2.4824	3.2568E-6	
31.00000	67.00000	40.20000	-0.22638	37.561	-0.19390	-2.1327	3.5150E-6	
32.00000	67.00000	40.20000	-0.19273	37.561	-0.14505	-1.8468	3.5415E-6	
33.00000	67.00000	40.20000	-0.16443	37.561	-0.11034	-1.6108	3.4407E-6	
34.00000	67.00000	40.20000	-0.14048	37.561	-0.085241	-1.4142	3.2737E-6	
35.00000	67.00000	40.20000	-0.12012	37.561	-0.066771	-1.2489	3.0762E-6	

36.00000	67.00000	40.20000	-0.10274	37.561	-0.052967	-1.1089	2.8688E-6	
37.00000	67.00000	40.20000	-0.087859	37.561	-0.042501	-0.98941	2.6633E-6	
38.00000	67.00000	40.20000	-0.075083	37.561	-0.034460	-0.88680	2.4661E-6	
39.00000	67.00000	40.20000	-0.064090	37.561	-0.028208	-0.79812	2.2806E-6	
40.00000	67.00000	40.20000	-0.054614	37.561	-0.023291	-0.72106	2.1081E-6	
41.00000	67.00000	40.20000	-0.046431	37.561	-0.019385	-0.65375	1.9490E-6	!
42.00000	67.00000	40.20000	-0.039358	37.561	-0.016252	-0.59466	1.8029E-6	!
43.00000	67.00000	40.20000	-0.033236	37.561	-0.013718	-0.54257	1.6691E-6	!
44.00000	67.00000	40.20000	-0.027934	37.561	-0.011651	-0.49646	1.5469E-6	!
45.00000	67.00000	40.20000	-0.023338	37.561	-0.0099532	-0.45548	1.4352E-6	!
46.00000	67.00000	40.20000	-0.019353	37.561	-0.0085482	-0.41894	1.3333E-6	!
47.00000	67.00000	40.20000	-0.015897	37.561	-0.0073782	-0.38623	1.2401E-6	!
48.00000	67.00000	40.20000	-0.012900	37.561	-0.0063981	-0.35687	1.1550E-6	!
49.00000	67.00000	40.20000	-0.010300	37.561	-0.0055724	-0.33043	1.0770E-6	!
50.00000	67.00000	40.20000	-0.0080457	37.561	-0.0048730	-0.30656	1.0057E-6	!
-10.00000	68.00000	40.20000	-0.30240	37.561	-0.14026	-2.5225	6.0959E-6	
-9.00000	68.00000	40.20000	-0.35101	37.561	-0.17860	-2.9068	6.6553E-6	
-8.00000	68.00000	40.20000	-0.40771	37.561	-0.23045	-3.3700	7.2067E-6	
-7.00000	68.00000	40.20000	-0.47402	37.561	-0.30191	-3.9322	7.6906E-6	
-6.00000	68.00000	40.20000	-0.55178	37.561	-0.40260	-4.6197	7.9931E-6	
-5.00000	68.00000	40.20000	-0.64338	37.561	-0.54809	-5.4667	7.8989E-6	
-4.00000	68.00000	40.20000	-0.75196	37.561	-0.76443	-6.5166	6.9991E-6	
-3.00000	68.00000	40.20000	-0.88214	37.561	-1.0962	-7.8225	4.5158E-6	
-2.00000	68.00000	40.20000	-1.0412	37.561	-1.6205	-9.4408	-1.0223E-6	
-1.00000	68.00000	40.20000	-1.2416	37.561	-2.4645	-11.404	-12.270E-6	
0.00000	68.00000	40.20000	-1.5006	37.561	-3.7934	-13.624	-33.133E-6	
1.00000	68.00000	40.20000	-1.8186	37.561	-5.5654	-15.623	-64.441E-6	
2.00000	68.00000	40.20000	-2.0599	37.561	-6.3851	-15.970	-81.018E-6	
3.00000	68.00000	40.20000	-1.7523	37.561	-1.7569	-12.329	6.4835E-6	
4.00000	68.00000	40.20000	-0.64661	37.561	10.454	-5.0447	245.77E-6	
5.00000	68.00000	40.20000	0.26194	37.561	20.520	-0.58583	448.61E-6	
6.00000	68.00000	40.20000	-0.056108	37.561	18.355	-5.3745	418.88E-6	
7.00000	68.00000	40.20000	-1.8341	37.561	1.6316	-20.240	108.90E-6	
8.00000	68.00000	40.20000	-4.5705	37.561	-24.615	-39.695	-391.63E-6	
9.00000	68.00000	40.20000	-6.4621	37.561	-43.016	-52.245	-746.52E-6	
10.00000	68.00000	40.20000	-6.1782	37.561	-40.757	-49.743	-706.42E-6	
11.00000	68.00000	40.20000	-4.1991	37.561	-22.352	-34.551	-361.05E-6	
12.00000	68.00000	40.20000	-1.9391	37.561	-1.3252	-15.384	26.956E-6	
13.00000	68.00000	40.20000	0.059243	37.561	16.928	1.7053	362.15E-6	
14.00000	68.00000	40.20000	1.6016	37.561	30.402	12.957	614.52E-6	
15.00000	68.00000	40.20000	1.4587	37.561	27.686	12.949	555.47E-6	
16.00000	68.00000	40.20000	-0.25086	37.561	10.090	3.1205	208.23E-6	
17.00000	68.00000	40.20000	-1.7377	37.561	-5.3945	-7.4699	-90.288E-6	
18.00000	68.00000	40.20000	-2.3250	37.561	-12.166	-13.658	-215.19E-6	
19.00000	68.00000	40.20000	-2.3299	37.561	-13.169	-15.728	-229.50E-6	
20.00000	68.00000	40.20000	-2.0567	37.561	-11.387	-15.233	-192.52E-6	
21.00000	68.00000	40.20000	-1.6885	37.561	-8.6424	-13.467	-139.21E-6	
22.00000	68.00000	40.20000	-1.3359	37.561	-6.0228	-11.311	-90.028E-6	
23.00000	68.00000	40.20000	-1.0481	37.561	-3.9974	-9.2613	-53.394E-6	
24.00000	68.00000	40.20000	-0.82978	37.561	-2.6027	-7.5184	-29.367E-6	
25.00000	68.00000	40.20000	-0.66718	37.561	-1.6968	-6.1141	-14.747E-6	
26.00000	68.00000	40.20000	-0.54475	37.561	-1.1211	-5.0078	-6.2343E-6	
27.00000	68.00000	40.20000	-0.45046	37.561	-0.75546	-4.1409	-1.4210E-6	
28.00000	68.00000	40.20000	-0.37613	37.561	-0.52039	-3.4593	1.2219E-6	

29.00000	68.00000	40.20000	-0.31635	37.561	-0.36656	-2.9190	2.6097E-6	
30.00000	68.00000	40.20000	-0.26750	37.561	-0.26380	-2.4863	3.2767E-6	
31.00000	68.00000	40.20000	-0.22709	37.561	-0.19369	-2.1363	3.5325E-6	
32.00000	68.00000	40.20000	-0.19335	37.561	-0.14487	-1.8500	3.5567E-6	
33.00000	68.00000	40.20000	-0.16496	37.561	-0.11020	-1.6136	3.4539E-6	
34.00000	68.00000	40.20000	-0.14094	37.561	-0.085126	-1.4166	3.2852E-6	
35.00000	68.00000	40.20000	-0.12051	37.561	-0.066676	-1.2510	3.0861E-6	
36.00000	68.00000	40.20000	-0.10308	37.561	-0.052888	-1.1108	2.8773E-6	
37.00000	68.00000	40.20000	-0.088147	37.561	-0.042435	-0.99104	2.6706E-6	
38.00000	68.00000	40.20000	-0.075329	37.561	-0.034405	-0.88822	2.4725E-6	
39.00000	68.00000	40.20000	-0.064300	37.561	-0.028161	-0.79936	2.2861E-6	
40.00000	68.00000	40.20000	-0.054792	37.561	-0.023251	-0.72214	2.1129E-6	
41.00000	68.00000	40.20000	-0.046583	37.561	-0.019351	-0.65469	1.9532E-6	!
42.00000	68.00000	40.20000	-0.039486	37.561	-0.016223	-0.59549	1.8065E-6	!
43.00000	68.00000	40.20000	-0.033345	37.561	-0.013693	-0.54330	1.6723E-6	!
44.00000	68.00000	40.20000	-0.028026	37.561	-0.011630	-0.49710	1.5497E-6	!
45.00000	68.00000	40.20000	-0.023416	37.561	-0.0099347	-0.45605	1.4377E-6	!
46.00000	68.00000	40.20000	-0.019419	37.561	-0.0085322	-0.41943	1.3354E-6	!
47.00000	68.00000	40.20000	-0.015953	37.561	-0.0073643	-0.38667	1.2420E-6	!
48.00000	68.00000	40.20000	-0.012946	37.561	-0.0063860	-0.35726	1.1566E-6	!
49.00000	68.00000	40.20000	-0.010339	37.561	-0.0055618	-0.33078	1.0785E-6	!
50.00000	68.00000	40.20000	-0.0080785	37.561	-0.0048638	-0.30687	1.0070E-6	!
-10.00000	69.00000	40.20000	-0.30222	37.561	-0.13632	-2.5163	6.1591E-6	
-9.00000	69.00000	40.20000	-0.35083	37.561	-0.17367	-2.9000	6.7377E-6	
-8.00000	69.00000	40.20000	-0.40756	37.561	-0.22429	-3.3625	7.3136E-6	
-7.00000	69.00000	40.20000	-0.47392	37.561	-0.29421	-3.9240	7.8288E-6	
-6.00000	69.00000	40.20000	-0.55175	37.561	-0.39293	-4.6108	8.1712E-6	
-5.00000	69.00000	40.20000	-0.64341	37.561	-0.53585	-5.4566	8.1287E-6	
-4.00000	69.00000	40.20000	-0.75203	37.561	-0.74850	-6.5039	7.2996E-6	
-3.00000	69.00000	40.20000	-0.88209	37.561	-1.0741	-7.8032	4.9263E-6	
-2.00000	69.00000	40.20000	-1.0406	37.561	-1.5858	-9.4046	0.0	
-1.00000	69.00000	40.20000	-1.2386	37.561	-2.3990	-11.325	-11.132E-6	
0.00000	69.00000	40.20000	-1.4901	37.561	-3.6415	-13.439	-30.497E-6	
1.00000	69.00000	40.20000	-1.7840	37.561	-5.1576	-15.189	-57.140E-6	
2.00000	69.00000	40.20000	-1.9549	37.561	-5.2765	-15.027	-60.316E-6	
3.00000	69.00000	40.20000	-1.5113	37.561	0.65670	-10.698	53.084E-6	
4.00000	69.00000	40.20000	-0.36296	37.561	13.245	-3.4330	300.63E-6	
5.00000	69.00000	40.20000	0.24822	37.561	20.446	-0.66616	447.29E-6	
6.00000	69.00000	40.20000	-0.50370	37.561	14.128	-7.7152	335.39E-6	
7.00000	69.00000	40.20000	-2.4130	37.561	-3.8501	-23.220	0.0	
8.00000	69.00000	40.20000	-4.9015	37.561	-27.713	-41.300	-453.23E-6	
9.00000	69.00000	40.20000	-6.4948	37.561	-43.221	-52.133	-751.39E-6	
10.00000	69.00000	40.20000	-6.0396	37.561	-39.312	-48.861	-678.18E-6	
11.00000	69.00000	40.20000	-4.1156	37.561	-21.464	-34.434	-342.16E-6	
12.00000	69.00000	40.20000	-2.2475	37.561	-4.1993	-17.682	-27.246E-6	
13.00000	69.00000	40.20000	-0.87181	37.561	8.1517	-3.6992	190.79E-6	
14.00000	69.00000	40.20000	0.23478	37.561	17.530	5.6963	360.78E-6	
15.00000	69.00000	40.20000	0.28176	37.561	16.595	6.5859	337.21E-6	
16.00000	69.00000	40.20000	-0.84324	37.561	4.4881	-0.57614	99.746E-6	
17.00000	69.00000	40.20000	-1.9055	37.561	-6.9791	-8.9214	-119.50E-6	
18.00000	69.00000	40.20000	-2.3336	37.561	-12.229	-13.990	-215.36E-6	
19.00000	69.00000	40.20000	-2.2969	37.561	-12.839	-15.630	-222.67E-6	
20.00000	69.00000	40.20000	-2.0194	37.561	-11.024	-15.006	-185.45E-6	
21.00000	69.00000	40.20000	-1.6576	37.561	-8.3509	-13.235	-133.71E-6	

22.00000	69.00000	40.20000	-1.3135	37.561	-5.8182	-11.118	-86.279E-6	
23.00000	69.00000	40.20000	-1.0329	37.561	-3.8645	-9.1144	-51.034E-6	
24.00000	69.00000	40.20000	-0.81976	37.561	-2.5200	-7.4124	-27.952E-6	
25.00000	69.00000	40.20000	-0.66064	37.561	-1.6463	-6.0394	-13.920E-6	
26.00000	69.00000	40.20000	-0.54046	37.561	-1.0904	-4.9556	-5.7550E-6	
27.00000	69.00000	40.20000	-0.44760	37.561	-0.73661	-4.1045	-1.1430E-6	
28.00000	69.00000	40.20000	-0.37420	37.561	-0.50865	-3.4337	1.3845E-6	
29.00000	69.00000	40.20000	-0.31502	37.561	-0.35910	-2.9008	2.7059E-6	
30.00000	69.00000	40.20000	-0.26657	37.561	-0.25897	-2.4733	3.3344E-6	
31.00000	69.00000	40.20000	-0.22643	37.561	-0.19050	-2.1267	3.5676E-6	
32.00000	69.00000	40.20000	-0.19287	37.561	-0.14271	-1.8430	3.5783E-6	
33.00000	69.00000	40.20000	-0.16461	37.561	-0.10871	-1.6084	3.4674E-6	
34.00000	69.00000	40.20000	-0.14068	37.561	-0.084070	-1.4126	3.2936E-6	
35.00000	69.00000	40.20000	-0.12032	37.561	-0.065917	-1.2480	3.0914E-6	
36.00000	69.00000	40.20000	-0.10293	37.561	-0.052333	-1.1084	2.8807E-6	
37.00000	69.00000	40.20000	-0.088033	37.561	-0.042022	-0.98916	2.6728E-6	
38.00000	69.00000	40.20000	-0.075240	37.561	-0.034093	-0.88671	2.4738E-6	
39.00000	69.00000	40.20000	-0.064229	37.561	-0.027922	-0.79815	2.2869E-6	
40.00000	69.00000	40.20000	-0.054735	37.561	-0.023066	-0.72116	2.1134E-6	
41.00000	69.00000	40.20000	-0.046537	37.561	-0.019205	-0.65388	1.9534E-6	!
42.00000	69.00000	40.20000	-0.039449	37.561	-0.016108	-0.59482	1.8066E-6	!
43.00000	69.00000	40.20000	-0.033314	37.561	-0.013600	-0.54274	1.6723E-6	!
44.00000	69.00000	40.20000	-0.028000	37.561	-0.011555	-0.49663	1.5496E-6	!
45.00000	69.00000	40.20000	-0.023394	37.561	-0.0098735	-0.45564	1.4375E-6	!
46.00000	69.00000	40.20000	-0.019400	37.561	-0.0084819	-0.41909	1.3353E-6	!
47.00000	69.00000	40.20000	-0.015936	37.561	-0.0073227	-0.38637	1.2418E-6	!
48.00000	69.00000	40.20000	-0.012932	37.561	-0.0063513	-0.35700	1.1565E-6	!
49.00000	69.00000	40.20000	-0.010326	37.561	-0.0055327	-0.33055	1.0784E-6	!
50.00000	69.00000	40.20000	-0.0080673	37.561	-0.0048392	-0.30667	1.0068E-6	!
-10.00000	70.00000	40.20000	-0.30147	37.561	-0.13267	-2.5061	6.2016E-6	
-9.00000	70.00000	40.20000	-0.35013	37.561	-0.16926	-2.8896	6.7962E-6	
-8.00000	70.00000	40.20000	-0.40698	37.561	-0.21903	-3.3527	7.3927E-6	
-7.00000	70.00000	40.20000	-0.47359	37.561	-0.28809	-3.9163	7.9338E-6	
-6.00000	70.00000	40.20000	-0.55188	37.561	-0.38611	-4.6076	8.3079E-6	
-5.00000	70.00000	40.20000	-0.64431	37.561	-0.52884	-5.4621	8.3010E-6	
-4.00000	70.00000	40.20000	-0.75420	37.561	-0.74265	-6.5254	7.5048E-6	
-3.00000	70.00000	40.20000	-0.88635	37.561	-1.0728	-7.8539	5.1401E-6	
-2.00000	70.00000	40.20000	-1.0483	37.561	-1.5972	-9.5090	0.0	
-1.00000	70.00000	40.20000	-1.2527	37.561	-2.4450	-11.531	-11.383E-6	
0.00000	70.00000	40.20000	-1.5174	37.561	-3.7854	-13.849	-32.141E-6	
1.00000	70.00000	40.20000	-1.8441	37.561	-5.5932	-16.026	-63.584E-6	
2.00000	70.00000	40.20000	-2.1036	37.561	-6.5533	-16.753	-81.838E-6	
3.00000	70.00000	40.20000	-1.8563	37.561	-2.5174	-14.053	-3.8122E-6	
4.00000	70.00000	40.20000	-1.0016	37.561	7.1909	-9.1604	189.69E-6	
5.00000	70.00000	40.20000	-0.83772	37.561	10.045	-9.3849	252.60E-6	
6.00000	70.00000	40.20000	-2.1464	37.561	-1.5448	-19.018	35.353E-6	
7.00000	70.00000	40.20000	-4.1090	37.561	-19.931	-34.003	-310.37E-6	
8.00000	70.00000	40.20000	-5.9278	37.561	-37.340	-48.072	-638.15E-6	
9.00000	70.00000	40.20000	-6.8546	37.561	-46.433	-55.054	-810.68E-6	
10.00000	70.00000	40.20000	-6.2340	37.561	-40.918	-50.826	-706.01E-6	
11.00000	70.00000	40.20000	-4.4854	37.561	-24.795	-37.819	-402.35E-6	
12.00000	70.00000	40.20000	-2.9491	37.561	-10.769	-23.454	-149.25E-6	
13.00000	70.00000	40.20000	-1.9580	37.561	-2.0998	-11.629	-3.5191E-6	
14.00000	70.00000	40.20000	-1.0016	37.561	5.8567	-2.8210	137.66E-6	

15.00000	70.00000	40.20000	-0.71949	37.561	7.1494	-0.47085	157.27E-6	
16.00000	70.00000	40.20000	-1.3729	37.561	-0.49671	-4.9234	7.0469E-6	
17.00000	70.00000	40.20000	-2.0524	37.561	-8.3312	-10.810	-142.08E-6	
18.00000	70.00000	40.20000	-2.3101	37.561	-11.961	-14.442	-207.89E-6	
19.00000	70.00000	40.20000	-2.2227	37.561	-12.104	-15.435	-207.40E-6	
20.00000	70.00000	40.20000	-1.9425	37.561	-10.287	-14.594	-170.92E-6	
21.00000	70.00000	40.20000	-1.5948	37.561	-7.7697	-12.808	-122.61E-6	
22.00000	70.00000	40.20000	-1.2679	37.561	-5.4142	-10.756	-78.799E-6	
23.00000	70.00000	40.20000	-1.0018	37.561	-3.6043	-8.8358	-46.382E-6	
24.00000	70.00000	40.20000	-0.79894	37.561	-2.3594	-7.2080	-25.199E-6	
25.00000	70.00000	40.20000	-0.64669	37.561	-1.5490	-5.8928	-12.335E-6	
26.00000	70.00000	40.20000	-0.53094	37.561	-1.0316	-4.8511	-4.8538E-6	
27.00000	70.00000	40.20000	-0.44096	37.561	-0.70069	-4.0297	0.0	
28.00000	70.00000	40.20000	-0.36944	37.561	-0.48637	-3.3796	1.6733E-6	
29.00000	70.00000	40.20000	-0.31154	37.561	-0.34502	-2.8612	2.8690E-6	
30.00000	70.00000	40.20000	-0.26397	37.561	-0.24987	-2.4439	3.4259E-6	
31.00000	70.00000	40.20000	-0.22445	37.561	-0.18450	-2.1046	3.6180E-6	
32.00000	70.00000	40.20000	-0.19134	37.561	-0.13867	-1.8261	3.6050E-6	
33.00000	70.00000	40.20000	-0.16341	37.561	-0.10593	-1.5953	3.4804E-6	
34.00000	70.00000	40.20000	-0.13972	37.561	-0.082123	-1.4024	3.2987E-6	
35.00000	70.00000	40.20000	-0.11955	37.561	-0.064527	-1.2398	3.0921E-6	
36.00000	70.00000	40.20000	-0.10230	37.561	-0.051323	-1.1018	2.8789E-6	
37.00000	70.00000	40.20000	-0.087523	37.561	-0.041277	-0.98382	2.6696E-6	
38.00000	70.00000	40.20000	-0.074821	37.561	-0.033535	-0.88233	2.4701E-6	
39.00000	70.00000	40.20000	-0.063882	37.561	-0.027498	-0.79452	2.2830E-6	
40.00000	70.00000	40.20000	-0.054447	37.561	-0.022740	-0.71812	2.1095E-6	
41.00000	70.00000	40.20000	-0.046296	37.561	-0.018952	-0.65133	1.9497E-6	!
42.00000	70.00000	40.20000	-0.039246	37.561	-0.015908	-0.59266	1.8031E-6	!
43.00000	70.00000	40.20000	-0.033143	37.561	-0.013442	-0.54089	1.6691E-6	!
44.00000	70.00000	40.20000	-0.027856	37.561	-0.011428	-0.49504	1.5466E-6	!
45.00000	70.00000	40.20000	-0.023272	37.561	-0.0097706	-0.45428	1.4348E-6	!
46.00000	70.00000	40.20000	-0.019297	37.561	-0.0083980	-0.41790	1.3328E-6	!
47.00000	70.00000	40.20000	-0.015848	37.561	-0.0072538	-0.38534	1.2396E-6	!
48.00000	70.00000	40.20000	-0.012857	37.561	-0.0062943	-0.35610	1.1544E-6	!
49.00000	70.00000	40.20000	-0.010262	37.561	-0.0054853	-0.32976	1.0765E-6	!
50.00000	70.00000	40.20000	-0.0080124	37.561	-0.0047996	-0.30597	1.0052E-6	!
-10.00000	71.00000	40.20000	-0.30009	37.561	-0.12922	-2.4915	6.2237E-6	
-9.00000	71.00000	40.20000	-0.34880	37.561	-0.16523	-2.8751	6.8313E-6	
-8.00000	71.00000	40.20000	-0.40583	37.561	-0.21446	-3.3398	7.4451E-6	
-7.00000	71.00000	40.20000	-0.47284	37.561	-0.28321	-3.9075	8.0080E-6	
-6.00000	71.00000	40.20000	-0.55190	37.561	-0.38154	-4.6075	8.4072E-6	
-5.00000	71.00000	40.20000	-0.64569	37.561	-0.52606	-5.4791	8.4231E-6	
-4.00000	71.00000	40.20000	-0.75790	37.561	-0.74513	-6.5745	7.6292E-6	
-3.00000	71.00000	40.20000	-0.89400	37.561	-1.0886	-7.9630	5.1910E-6	
-2.00000	71.00000	40.20000	-1.0630	37.561	-1.6464	-9.7317	0.0	
-1.00000	71.00000	40.20000	-1.2807	37.561	-2.5803	-11.975	-12.717E-6	
0.00000	71.00000	40.20000	-1.5741	37.561	-4.1545	-14.739	-36.944E-6	
1.00000	71.00000	40.20000	-1.9729	37.561	-6.6257	-17.838	-79.476E-6	
2.00000	71.00000	40.20000	-2.4215	37.561	-9.4032	-20.420	-130.55E-6	
3.00000	71.00000	40.20000	-2.5853	37.561	-9.3354	-20.902	-127.33E-6	
4.00000	71.00000	40.20000	-2.2866	37.561	-4.9946	-19.903	-36.496E-6	
5.00000	71.00000	40.20000	-2.5739	37.561	-6.4995	-23.144	-57.492E-6	
6.00000	71.00000	40.20000	-4.0763	37.561	-19.880	-33.442	-311.30E-6	
7.00000	71.00000	40.20000	-5.6693	37.561	-34.592	-45.375	-588.12E-6	

8.00000	71.00000	40.20000	-6.5858	37.561	-43.267	-53.719	-746.62E-6	
9.00000	71.00000	40.20000	-6.8900	37.561	-46.340	-56.773	-802.43E-6	
10.00000	71.00000	40.20000	-6.4148	37.561	-42.193	-53.090	-725.53E-6	
11.00000	71.00000	40.20000	-5.1382	37.561	-30.637	-43.010	-510.65E-6	
12.00000	71.00000	40.20000	-3.8046	37.561	-18.662	-30.596	-295.12E-6	
13.00000	71.00000	40.20000	-2.5356	37.561	-7.4833	-18.288	-96.508E-6	
14.00000	71.00000	40.20000	-1.0590	37.561	5.3025	-7.4274	142.31E-6	
15.00000	71.00000	40.20000	-0.61607	37.561	8.1440	-3.5962	190.24E-6	
16.00000	71.00000	40.20000	-1.3559	37.561	-0.24568	-7.1687	20.651E-6	
17.00000	71.00000	40.20000	-2.0082	37.561	-7.8091	-11.936	-126.63E-6	
18.00000	71.00000	40.20000	-2.2007	37.561	-10.846	-14.566	-183.16E-6	
19.00000	71.00000	40.20000	-2.0881	37.561	-10.787	-14.988	-180.37E-6	
20.00000	71.00000	40.20000	-1.8185	37.561	-9.1112	-13.948	-147.67E-6	
21.00000	71.00000	40.20000	-1.4981	37.561	-6.8812	-12.180	-105.56E-6	
22.00000	71.00000	40.20000	-1.1995	37.561	-4.8141	-10.236	-67.629E-6	
23.00000	71.00000	40.20000	-0.95580	37.561	-3.2266	-8.4391	-39.602E-6	
24.00000	71.00000	40.20000	-0.76844	37.561	-2.1303	-6.9176	-21.266E-6	
25.00000	71.00000	40.20000	-0.62619	37.561	-1.4117	-5.6837	-10.105E-6	
26.00000	71.00000	40.20000	-0.51682	37.561	-0.94901	-4.7009	-3.6018E-6	
27.00000	71.00000	40.20000	-0.43095	37.561	-0.65040	-3.9211	0.0	
28.00000	71.00000	40.20000	-0.36215	37.561	-0.45519	-3.3003	2.0640E-6	
29.00000	71.00000	40.20000	-0.30609	37.561	-0.32528	-2.8024	3.0853E-6	
30.00000	71.00000	40.20000	-0.25981	37.561	-0.23710	-2.3997	3.5434E-6	
31.00000	71.00000	40.20000	-0.22122	37.561	-0.17606	-2.0709	3.6793E-6	
32.00000	71.00000	40.20000	-0.18880	37.561	-0.13298	-1.8000	3.6344E-6	
33.00000	71.00000	40.20000	-0.16138	37.561	-0.10201	-1.5749	3.4916E-6	
34.00000	71.00000	40.20000	-0.13809	37.561	-0.079373	-1.3861	3.2997E-6	
35.00000	71.00000	40.20000	-0.11822	37.561	-0.062563	-1.2268	3.0876E-6	
36.00000	71.00000	40.20000	-0.10122	37.561	-0.049897	-1.0912	2.8716E-6	
37.00000	71.00000	40.20000	-0.086629	37.561	-0.040225	-0.97515	2.6611E-6	
38.00000	71.00000	40.20000	-0.074080	37.561	-0.032748	-0.87516	2.4612E-6	
39.00000	71.00000	40.20000	-0.063266	37.561	-0.026901	-0.78854	2.2743E-6	
40.00000	71.00000	40.20000	-0.053931	37.561	-0.022282	-0.71310	2.1012E-6	
41.00000	71.00000	40.20000	-0.045863	37.561	-0.018596	-0.64708	1.9420E-6	!
42.00000	71.00000	40.20000	-0.038882	37.561	-0.015629	-0.58904	1.7961E-6	!
43.00000	71.00000	40.20000	-0.032836	37.561	-0.013221	-0.53779	1.6626E-6	!
44.00000	71.00000	40.20000	-0.027596	37.561	-0.011251	-0.49237	1.5408E-6	!
45.00000	71.00000	40.20000	-0.023052	37.561	-0.0096279	-0.45197	1.4296E-6	!
46.00000	71.00000	40.20000	-0.019110	37.561	-0.0082820	-0.41589	1.3280E-6	!
47.00000	71.00000	40.20000	-0.015690	37.561	-0.0071588	-0.38359	1.2353E-6	!
48.00000	71.00000	40.20000	-0.012722	37.561	-0.0062160	-0.35456	1.1505E-6	!
49.00000	71.00000	40.20000	-0.010147	37.561	-0.0054203	-0.32840	1.0730E-6	!
50.00000	71.00000	40.20000	-0.0079143	37.561	-0.0047454	-0.30477	1.0020E-6	!
-10.00000	72.00000	40.20000	-0.29799	37.561	-0.12587	-2.4718	6.2253E-6	
-9.00000	72.00000	40.20000	-0.34671	37.561	-0.16139	-2.8553	6.8431E-6	
-8.00000	72.00000	40.20000	-0.40391	37.561	-0.21025	-3.3217	7.4710E-6	
-7.00000	72.00000	40.20000	-0.47138	37.561	-0.27901	-3.8944	8.0521E-6	
-6.00000	72.00000	40.20000	-0.55135	37.561	-0.37826	-4.6057	8.4718E-6	
-5.00000	72.00000	40.20000	-0.64681	37.561	-0.52578	-5.4993	8.5028E-6	
-4.00000	72.00000	40.20000	-0.76195	37.561	-0.75251	-6.6368	7.6943E-6	
-3.00000	72.00000	40.20000	-0.90313	37.561	-1.1144	-8.1040	5.1412E-6	
-2.00000	72.00000	40.20000	-1.0810	37.561	-1.7161	-10.021	-1.0009E-6	
-1.00000	72.00000	40.20000	-1.3154	37.561	-2.7577	-12.547	-14.505E-6	
0.00000	72.00000	40.20000	-1.6435	37.561	-4.6083	-15.863	-42.745E-6	

1.00000	72.00000	40.20000	-2.1230	37.561	-7.8150	-20.048	-97.343E-6	
2.00000	72.00000	40.20000	-2.7733	37.561	-12.522	-24.705	-182.86E-6	
3.00000	72.00000	40.20000	-3.3839	37.561	-16.744	-28.645	-260.44E-6	
4.00000	72.00000	40.20000	-3.7128	37.561	-18.391	-31.673	-285.30E-6	
5.00000	72.00000	40.20000	-4.3094	37.561	-22.840	-36.938	-363.02E-6	
6.00000	72.00000	40.20000	-5.4718	37.561	-32.942	-45.370	-552.25E-6	
7.00000	72.00000	40.20000	-6.1939	37.561	-39.227	-51.896	-665.34E-6	
8.00000	72.00000	40.20000	-6.0934	37.561	-38.079	-53.916	-633.02E-6	
9.00000	72.00000	40.20000	-6.0341	37.561	-37.601	-54.266	-621.36E-6	
10.00000	72.00000	40.20000	-6.1626	37.561	-39.174	-53.271	-659.20E-6	
11.00000	72.00000	40.20000	-5.7206	37.561	-35.631	-47.786	-601.99E-6	
12.00000	72.00000	40.20000	-4.6646	37.561	-26.444	-37.761	-438.44E-6	
13.00000	72.00000	40.20000	-3.1579	37.561	-13.147	-25.127	-194.93E-6	
14.00000	72.00000	40.20000	-1.3504	37.561	2.7059	-12.773	105.20E-6	
15.00000	72.00000	40.20000	-0.71022	37.561	7.4045	-7.3677	187.83E-6	
16.00000	72.00000	40.20000	-1.3500	37.561	-0.034061	-9.4710	33.605E-6	
17.00000	72.00000	40.20000	-1.9050	37.561	-6.6982	-12.851	-99.139E-6	
18.00000	72.00000	40.20000	-2.0301	37.561	-9.1395	-14.444	-146.48E-6	
19.00000	72.00000	40.20000	-1.9013	37.561	-8.9808	-14.310	-143.52E-6	
20.00000	72.00000	40.20000	-1.6544	37.561	-7.5668	-13.101	-117.13E-6	
21.00000	72.00000	40.20000	-1.3733	37.561	-5.7459	-11.390	-83.717E-6	
22.00000	72.00000	40.20000	-1.1131	37.561	-4.0640	-9.5935	-53.636E-6	
23.00000	72.00000	40.20000	-0.89841	37.561	-2.7624	-7.9524	-31.268E-6	
24.00000	72.00000	40.20000	-0.73049	37.561	-1.8519	-6.5614	-16.501E-6	
25.00000	72.00000	40.20000	-0.60057	37.561	-1.2459	-5.4261	-7.4320E-6	
26.00000	72.00000	40.20000	-0.49898	37.561	-0.84949	-4.5145	-2.1123E-6	
27.00000	72.00000	40.20000	-0.41813	37.561	-0.58969	-3.7851	0.0	
28.00000	72.00000	40.20000	-0.35267	37.561	-0.41740	-3.1998	2.5220E-6	
29.00000	72.00000	40.20000	-0.29891	37.561	-0.30124	-2.7272	3.3356E-6	
30.00000	72.00000	40.20000	-0.25427	37.561	-0.22148	-2.3426	3.6764E-6	
31.00000	72.00000	40.20000	-0.21687	37.561	-0.16568	-2.0270	3.7457E-6	
32.00000	72.00000	40.20000	-0.18534	37.561	-0.12594	-1.7657	3.6630E-6	
33.00000	72.00000	40.20000	-0.15860	37.561	-0.097142	-1.5477	3.4991E-6	
34.00000	72.00000	40.20000	-0.13583	37.561	-0.075945	-1.3644	3.2957E-6	
35.00000	72.00000	40.20000	-0.11637	37.561	-0.060106	-1.2092	3.0774E-6	
36.00000	72.00000	40.20000	-0.099698	37.561	-0.048108	-1.0769	2.8585E-6	
37.00000	72.00000	40.20000	-0.085369	37.561	-0.038903	-0.96335	2.6471E-6	
38.00000	72.00000	40.20000	-0.073032	37.561	-0.031757	-0.86536	2.4472E-6	
39.00000	72.00000	40.20000	-0.062390	37.561	-0.026149	-0.78033	2.2609E-6	
40.00000	72.00000	40.20000	-0.053197	37.561	-0.021703	-0.70617	2.0887E-6	
41.00000	72.00000	40.20000	-0.045247	37.561	-0.018147	-0.64120	1.9304E-6	!
42.00000	72.00000	40.20000	-0.038363	37.561	-0.015276	-0.58402	1.7855E-6	!
43.00000	72.00000	40.20000	-0.032397	37.561	-0.012941	-0.53348	1.6531E-6	!
44.00000	72.00000	40.20000	-0.027225	37.561	-0.011027	-0.48865	1.5321E-6	!
45.00000	72.00000	40.20000	-0.022737	37.561	-0.0094478	-0.44874	1.4218E-6	!
46.00000	72.00000	40.20000	-0.018843	37.561	-0.0081357	-0.41308	1.3210E-6	!
47.00000	72.00000	40.20000	-0.015462	37.561	-0.0070391	-0.38112	1.2290E-6	!
48.00000	72.00000	40.20000	-0.012529	37.561	-0.0061174	-0.35240	1.1448E-6	!
49.00000	72.00000	40.20000	-0.0099826	37.561	-0.0053387	-0.32650	1.0679E-6	!
50.00000	72.00000	40.20000	-0.0077742	37.561	-0.0046773	-0.30309	0.0	!
-10.00000	73.00000	40.20000	-0.29507	37.561	-0.12247	-2.4461	6.2058E-6	
-9.00000	73.00000	40.20000	-0.34368	37.561	-0.15750	-2.8287	6.8309E-6	
-8.00000	73.00000	40.20000	-0.40095	37.561	-0.20602	-3.2960	7.4699E-6	
-7.00000	73.00000	40.20000	-0.46878	37.561	-0.27483	-3.8732	8.0662E-6	

-6.00000	73.00000	40.20000	-0.54959	37.561	-0.37510	-4.5954	8.5033E-6	
-5.00000	73.00000	40.20000	-0.64671	37.561	-0.52583	-5.5117	8.5466E-6	
-4.00000	73.00000	40.20000	-0.76486	37.561	-0.76065	-6.6930	7.7213E-6	
-3.00000	73.00000	40.20000	-0.91129	37.561	-1.1415	-8.2426	5.0546E-6	
-2.00000	73.00000	40.20000	-1.0984	37.561	-1.7870	-10.313	-1.4840E-6	
-1.00000	73.00000	40.20000	-1.3494	37.561	-2.9306	-13.123	-16.174E-6	
0.00000	73.00000	40.20000	-1.7092	37.561	-5.0230	-16.968	-47.760E-6	
1.00000	73.00000	40.20000	-2.2546	37.561	-8.8076	-22.120	-111.42E-6	
2.00000	73.00000	40.20000	-3.0454	37.561	-14.836	-28.454	-219.63E-6	
3.00000	73.00000	40.20000	-3.9205	37.561	-21.593	-34.887	-343.31E-6	
4.00000	73.00000	40.20000	-4.5717	37.561	-26.323	-40.500	-425.90E-6	
5.00000	73.00000	40.20000	-5.2779	37.561	-31.789	-46.699	-522.34E-6	
6.00000	73.00000	40.20000	-6.1317	37.561	-38.855	-53.144	-652.70E-6	
7.00000	73.00000	40.20000	-6.1406	37.561	-38.209	-55.078	-631.65E-6	
8.00000	73.00000	40.20000	-5.2315	37.561	-29.268	-52.163	-447.67E-6	
9.00000	73.00000	40.20000	-4.9734	37.561	-26.850	-50.923	-399.55E-6	
10.00000	73.00000	40.20000	-5.6967	37.561	-34.083	-52.703	-550.47E-6	
11.00000	73.00000	40.20000	-5.9240	37.561	-37.010	-51.154	-619.79E-6	
12.00000	73.00000	40.20000	-5.1471	37.561	-30.648	-43.567	-508.87E-6	
13.00000	73.00000	40.20000	-3.9007	37.561	-19.905	-32.532	-315.14E-6	
14.00000	73.00000	40.20000	-2.3952	37.561	-6.9078	-21.063	-73.922E-6	
15.00000	73.00000	40.20000	-1.5390	37.561	-0.21640	-14.174	46.693E-6	
16.00000	73.00000	40.20000	-1.6502	37.561	-2.7258	-13.253	-11.247E-6	
17.00000	73.00000	40.20000	-1.8610	37.561	-6.1692	-14.151	-82.914E-6	
18.00000	73.00000	40.20000	-1.8528	37.561	-7.3885	-14.329	-108.80E-6	
19.00000	73.00000	40.20000	-1.6979	37.561	-7.0352	-13.553	-103.93E-6	
20.00000	73.00000	40.20000	-1.4755	37.561	-5.9028	-12.168	-84.310E-6	
21.00000	73.00000	40.20000	-1.2375	37.561	-4.5274	-10.526	-60.338E-6	
22.00000	73.00000	40.20000	-1.0188	37.561	-3.2614	-8.8907	-38.722E-6	
23.00000	73.00000	40.20000	-0.83542	37.561	-2.2662	-7.4176	-22.411E-6	
24.00000	73.00000	40.20000	-0.68834	37.561	-1.5537	-6.1668	-11.443E-6	
25.00000	73.00000	40.20000	-0.57169	37.561	-1.0675	-5.1378	-4.5947E-6	
26.00000	73.00000	40.20000	-0.47854	37.561	-0.74161	-4.3033	0.0	
27.00000	73.00000	40.20000	-0.40320	37.561	-0.52333	-3.6291	1.7738E-6	
28.00000	73.00000	40.20000	-0.34146	37.561	-0.37572	-3.0832	3.0060E-6	
29.00000	73.00000	40.20000	-0.29030	37.561	-0.27449	-2.6389	3.5974E-6	
30.00000	73.00000	40.20000	-0.24754	37.561	-0.20393	-2.2748	3.8123E-6	
31.00000	73.00000	40.20000	-0.21154	37.561	-0.15393	-1.9742	3.8103E-6	
32.00000	73.00000	40.20000	-0.18105	37.561	-0.11791	-1.7242	3.6873E-6	
33.00000	73.00000	40.20000	-0.15513	37.561	-0.091551	-1.5147	3.5009E-6	
34.00000	73.00000	40.20000	-0.13299	37.561	-0.071983	-1.3378	3.2853E-6	
35.00000	73.00000	40.20000	-0.11404	37.561	-0.057252	-1.1876	3.0610E-6	
36.00000	73.00000	40.20000	-0.097769	37.561	-0.046020	-1.0591	2.8395E-6	
37.00000	73.00000	40.20000	-0.083766	37.561	-0.037353	-0.94863	2.6274E-6	
38.00000	73.00000	40.20000	-0.071694	37.561	-0.030591	-0.85308	2.4280E-6	
39.00000	73.00000	40.20000	-0.061270	37.561	-0.025262	-0.77001	2.2428E-6	
40.00000	73.00000	40.20000	-0.052256	37.561	-0.021020	-0.69744	2.0719E-6	
41.00000	73.00000	40.20000	-0.044454	37.561	-0.017615	-0.63377	1.9151E-6	!
42.00000	73.00000	40.20000	-0.037694	37.561	-0.014858	-0.57765	1.7715E-6	!
43.00000	73.00000	40.20000	-0.031832	37.561	-0.012609	-0.52801	1.6404E-6	!
44.00000	73.00000	40.20000	-0.026745	37.561	-0.010762	-0.48392	1.5207E-6	!
45.00000	73.00000	40.20000	-0.022331	37.561	-0.0092336	-0.44463	1.4115E-6	!
46.00000	73.00000	40.20000	-0.018497	37.561	-0.0079616	-0.40949	1.3118E-6	!
47.00000	73.00000	40.20000	-0.015169	37.561	-0.0068966	-0.37798	1.2207E-6	!

48.00000	73.00000	40.20000	-0.012279	37.561	-0.0060000	-0.34963	1.1374E-6	!
49.00000	73.00000	40.20000	-0.0097702	37.561	-0.0052413	-0.32406	1.0611E-6	!
50.00000	73.00000	40.20000	-0.0075934	37.561	-0.0045962	-0.30093	0.0	!
-10.00000	74.00000	40.20000	-0.29118	37.561	-0.11888	-2.4132	6.1647E-6	
-9.00000	74.00000	40.20000	-0.33952	37.561	-0.15334	-2.7935	6.7940E-6	
-8.00000	74.00000	40.20000	-0.39666	37.561	-0.20136	-3.2599	7.4408E-6	
-7.00000	74.00000	40.20000	-0.46459	37.561	-0.26997	-3.8394	8.0492E-6	
-6.00000	74.00000	40.20000	-0.54595	37.561	-0.37082	-4.5694	8.5021E-6	
-5.00000	74.00000	40.20000	-0.64435	37.561	-0.52400	-5.5041	8.5590E-6	
-4.00000	74.00000	40.20000	-0.76498	37.561	-0.76539	-6.7230	7.7266E-6	
-3.00000	74.00000	40.20000	-0.91593	37.561	-1.1620	-8.3446	4.9784E-6	
-2.00000	74.00000	40.20000	-1.1110	37.561	-1.8436	-10.549	-1.8591E-6	
-1.00000	74.00000	40.20000	-1.3760	37.561	-3.0684	-13.604	-17.430E-6	
0.00000	74.00000	40.20000	-1.7611	37.561	-5.3417	-17.885	-51.369E-6	
1.00000	74.00000	40.20000	-2.3534	37.561	-9.5164	-23.788	-120.80E-6	
2.00000	74.00000	40.20000	-3.2285	37.561	-16.310	-31.310	-241.35E-6	
3.00000	74.00000	40.20000	-4.2297	37.561	-24.259	-39.324	-385.23E-6	
4.00000	74.00000	40.20000	-5.0071	37.561	-30.193	-46.442	-488.54E-6	
5.00000	74.00000	40.20000	-5.7637	37.561	-36.108	-53.298	-592.38E-6	
6.00000	74.00000	40.20000	-6.5475	37.561	-42.422	-59.118	-708.67E-6	
7.00000	74.00000	40.20000	-6.3855	37.561	-40.032	-59.435	-655.51E-6	
8.00000	74.00000	40.20000	-5.2798	37.561	-29.128	-54.781	-435.13E-6	
9.00000	74.00000	40.20000	-4.9446	37.561	-25.955	-52.822	-373.20E-6	
10.00000	74.00000	40.20000	-5.7767	37.561	-34.276	-55.341	-545.11E-6	
11.00000	74.00000	40.20000	-6.1542	37.561	-38.742	-55.164	-642.92E-6	
12.00000	74.00000	40.20000	-5.5086	37.561	-33.754	-48.926	-557.02E-6	
13.00000	74.00000	40.20000	-4.5303	37.561	-25.642	-39.441	-414.90E-6	
14.00000	74.00000	40.20000	-3.2880	37.561	-15.181	-28.931	-225.40E-6	
15.00000	74.00000	40.20000	-2.2662	37.561	-6.9739	-20.770	-76.422E-6	
16.00000	74.00000	40.20000	-1.9422	37.561	-5.4006	-17.047	-55.692E-6	
17.00000	74.00000	40.20000	-1.8417	37.561	-5.9133	-15.522	-72.376E-6	
18.00000	74.00000	40.20000	-1.7020	37.561	-5.9198	-14.281	-77.017E-6	
19.00000	74.00000	40.20000	-1.5171	37.561	-5.3303	-12.856	-69.361E-6	
20.00000	74.00000	40.20000	-1.3128	37.561	-4.4178	-11.281	-55.214E-6	
21.00000	74.00000	40.20000	-1.1112	37.561	-3.4221	-9.6892	-39.322E-6	
22.00000	74.00000	40.20000	-0.92863	37.561	-2.5198	-8.1972	-25.101E-6	
23.00000	74.00000	40.20000	-0.77330	37.561	-1.7987	-6.8797	-14.189E-6	
24.00000	74.00000	40.20000	-0.64550	37.561	-1.2672	-5.7622	-6.6772E-6	
25.00000	74.00000	40.20000	-0.54148	37.561	-0.89281	-4.8366	-1.8867E-6	
26.00000	74.00000	40.20000	-0.45662	37.561	-0.63419	-4.0789	0.0	
27.00000	74.00000	40.20000	-0.38683	37.561	-0.45617	-3.4606	2.6243E-6	
28.00000	74.00000	40.20000	-0.32895	37.561	-0.33291	-2.9555	3.4742E-6	
29.00000	74.00000	40.20000	-0.28056	37.561	-0.24663	-2.5409	3.8482E-6	
30.00000	74.00000	40.20000	-0.23983	37.561	-0.18543	-2.1987	3.9389E-6	
31.00000	74.00000	40.20000	-0.20536	37.561	-0.14139	-1.9145	3.8662E-6	
32.00000	74.00000	40.20000	-0.17605	37.561	-0.10926	-1.6767	3.7033E-6	
33.00000	74.00000	40.20000	-0.15105	37.561	-0.085474	-1.4765	3.4948E-6	
34.00000	74.00000	40.20000	-0.12964	37.561	-0.067642	-1.3069	3.2677E-6	
35.00000	74.00000	40.20000	-0.11127	37.561	-0.054103	-1.1623	3.0378E-6	
36.00000	74.00000	40.20000	-0.095467	37.561	-0.043702	-1.0383	2.8143E-6	
37.00000	74.00000	40.20000	-0.081847	37.561	-0.035624	-0.93128	2.6021E-6	
38.00000	74.00000	40.20000	-0.070088	37.561	-0.029285	-0.83854	2.4037E-6	
39.00000	74.00000	40.20000	-0.059922	37.561	-0.024263	-0.75775	2.2200E-6	
40.00000	74.00000	40.20000	-0.051122	37.561	-0.020248	-0.68704	2.0510E-6	

41.00000	74.00000	40.20000	-0.043497	37.561	-0.017012	-0.62489	1.8960E-6	!
42.00000	74.00000	40.20000	-0.036885	37.561	-0.014383	-0.57004	1.7543E-6	!
43.00000	74.00000	40.20000	-0.031147	37.561	-0.012232	-0.52144	1.6248E-6	!
44.00000	74.00000	40.20000	-0.026165	37.561	-0.010459	-0.47823	1.5067E-6	!
45.00000	74.00000	40.20000	-0.021838	37.561	-0.0089888	-0.43967	1.3989E-6	!
46.00000	74.00000	40.20000	-0.018079	37.561	-0.0077624	-0.40516	1.3004E-6	!
47.00000	74.00000	40.20000	-0.014813	37.561	-0.0067334	-0.37419	1.2105E-6	!
48.00000	74.00000	40.20000	-0.011976	37.561	-0.0058654	-0.34629	1.1282E-6	!
49.00000	74.00000	40.20000	-0.0095123	37.561	-0.0051297	-0.32111	1.0529E-6	!
50.00000	74.00000	40.20000	-0.0073738	37.561	-0.0045031	-0.29832	0.0	!
-10.00000	75.00000	40.20000	-0.28622	37.561	-0.11496	-2.3722	6.1014E-6	
-9.00000	75.00000	40.20000	-0.33405	37.561	-0.14866	-2.7482	6.7313E-6	
-8.00000	75.00000	40.20000	-0.39075	37.561	-0.19588	-3.2110	7.3824E-6	
-7.00000	75.00000	40.20000	-0.45840	37.561	-0.26377	-3.7886	8.0000E-6	
-6.00000	75.00000	40.20000	-0.53977	37.561	-0.36430	-4.5208	8.4676E-6	
-5.00000	75.00000	40.20000	-0.63871	37.561	-0.51826	-5.4653	8.5429E-6	
-4.00000	75.00000	40.20000	-0.76078	37.561	-0.76317	-6.7082	7.7215E-6	
-3.00000	75.00000	40.20000	-0.91471	37.561	-1.1695	-8.3802	4.9425E-6	
-2.00000	75.00000	40.20000	-1.1153	37.561	-1.8751	-10.682	-2.0642E-6	
-1.00000	75.00000	40.20000	-1.3904	37.561	-3.1557	-13.917	-18.195E-6	
0.00000	75.00000	40.20000	-1.7939	37.561	-5.5554	-18.522	-53.711E-6	
1.00000	75.00000	40.20000	-2.4208	37.561	-10.011	-24.983	-127.23E-6	
2.00000	75.00000	40.20000	-3.3631	37.561	-17.407	-33.410	-257.61E-6	
3.00000	75.00000	40.20000	-4.4873	37.561	-26.502	-42.720	-421.73E-6	
4.00000	75.00000	40.20000	-5.4271	37.561	-33.958	-51.260	-553.00E-6	
5.00000	75.00000	40.20000	-6.2835	37.561	-40.804	-59.080	-673.60E-6	
6.00000	75.00000	40.20000	-7.0986	37.561	-47.407	-65.354	-794.52E-6	
7.00000	75.00000	40.20000	-7.0784	37.561	-46.341	-66.332	-767.78E-6	
8.00000	75.00000	40.20000	-6.1867	37.561	-37.433	-62.456	-588.01E-6	
9.00000	75.00000	40.20000	-5.8481	37.561	-34.227	-60.387	-525.74E-6	
10.00000	75.00000	40.20000	-6.4667	37.561	-40.549	-61.975	-657.56E-6	
11.00000	75.00000	40.20000	-6.6929	37.561	-43.603	-61.142	-727.03E-6	
12.00000	75.00000	40.20000	-6.0472	37.561	-38.646	-54.944	-641.64E-6	
13.00000	75.00000	40.20000	-5.0947	37.561	-30.840	-45.663	-505.45E-6	
14.00000	75.00000	40.20000	-3.8174	37.561	-20.111	-34.860	-311.18E-6	
15.00000	75.00000	40.20000	-2.6398	37.561	-10.462	-25.435	-135.39E-6	
16.00000	75.00000	40.20000	-2.0897	37.561	-6.7573	-19.811	-75.186E-6	
17.00000	75.00000	40.20000	-1.8148	37.561	-5.6297	-16.585	-62.351E-6	
18.00000	75.00000	40.20000	-1.5880	37.561	-4.8421	-14.249	-53.684E-6	
19.00000	75.00000	40.20000	-1.3782	37.561	-4.0615	-12.276	-43.857E-6	
20.00000	75.00000	40.20000	-1.1837	37.561	-3.2838	-10.519	-33.306E-6	
21.00000	75.00000	40.20000	-1.0066	37.561	-2.5512	-8.9468	-23.066E-6	
22.00000	75.00000	40.20000	-0.85031	37.561	-1.9144	-7.5629	-14.228E-6	
23.00000	75.00000	40.20000	-0.71661	37.561	-1.4028	-6.3727	-7.4129E-6	
24.00000	75.00000	40.20000	-0.60458	37.561	-1.0161	-5.3702	-2.6349E-6	
25.00000	75.00000	40.20000	-0.51149	37.561	-0.73492	-4.5376	0.0	
26.00000	75.00000	40.20000	-0.43415	37.561	-0.53440	-3.8511	2.3381E-6	
27.00000	75.00000	40.20000	-0.36964	37.561	-0.39230	-3.2864	3.3822E-6	
28.00000	75.00000	40.20000	-0.31555	37.561	-0.29135	-2.8212	3.8915E-6	
29.00000	75.00000	40.20000	-0.26995	37.561	-0.21910	-2.4364	4.0682E-6	
30.00000	75.00000	40.20000	-0.23133	37.561	-0.16685	-2.1166	4.0453E-6	
31.00000	75.00000	40.20000	-0.19848	37.561	-0.12863	-1.8492	3.9073E-6	
32.00000	75.00000	40.20000	-0.17044	37.561	-0.10034	-1.6244	3.7077E-6	
33.00000	75.00000	40.20000	-0.14643	37.561	-0.079140	-1.4342	3.4792E-6	