SUPPLEMENTARY MATERIAL

FOR

Global ab initio ground-state potential energy surface of N_4

Yuliya Paukku, Ke R. Yang, Zoltan Varga and Donald G. Truhlar
Department of Chemistry, Chemical Theory Center, and Supercomputing Institute, University of Minnesota, Minneapolis, Minnesota 55455-0431, USA

This is supplementary material for an erratum of an article in *J. Chem. Phys.*
It replaces the entire original supplementary material.

The original article is
"Global Ab Initio Ground-State Potential Energy Surface of N4,"
Y. Paukku, K. R. Yang, Z. Varga, and D. G. Truhlar,
Journal of Chemical Physics **139**, 044309/1-8 (2013).
dx.doi.org/10.1063/1.4811653

The erratum was submitted on Dec. 20, 2011.

Date of final revision of this supplementary material: Feb. 7, 2014

Table of contents, supplementary material

Summary of erratum S-2

Potential energy function of N_2 S-3

Longer explanation of the potential energy function S-4

Figures S1-S8 S-6

Fortran conversion subroutine, internal coordinates to Cartesian coordinates S-14

N_4 ab initio data set, internal coordinates S-17

N_4 ab initio data set, Cartesian coordinates given in separate .dat file (part 2)

Summary of erratum

In the data used for fitting the N_4 ground-state potential energy surface (PES),[1] several CASPT2 calculations did not converge to the correct ground state. We have corrected those data points, added 14 extra data points (bringing the number of data up to 16435), and redone the fit. The figures in the paper do not change by a noticeable amount; however, the mean errors in Table 1 do improve somewhat at the higher energies, and they are provided in Table 1E. The new N_4 ground state PES, called N4PES-GPIP-v2, has been added to POTLIB.[2,3]

Table 1E. The mean unsigned errors (MUEs) and root-mean-square errors (RMSEs) of the fitted potential energy surface with respect to CASPT2/maug-cc-pVTZ results for different energy ranges (in kcal/mol).

	NO. of points	MUE	RMSE
$E < 100.0$	693	1.2	1.7
$100.0 \leq E < 228.0$	1941	2.3	4.1
$228.0 \leq E < 456.0$	11858	3.1	5.8
$456 \leq E < 1000.0$	1610	10.9	14.6
$E > 1000.0$	333	21.7	30.9
All data	16435	4.1	8.2

References:
[1]Y. Paukku, K. R. Yang, Z. Varga, and D. G. Truhlar, J. Chem. Phys. 139, 044309 (2013).
[2]R. J. Duchovic, Y. L. Volobuev, G. C. Lynch, T. C. Allison, J. C. Corchado, D. G. Truhlar, A. F. Wagner, and B. C. Garrett, Comput. Phys. Commun. **144**, 169–187 (2002); erratum: **156**, 319–322 (2004).
[3]See http://comp.chem.umn.edu/potlib/ for the latest version of POTLIB that includes the present N4 potential energy surface.

Potential energy function of N_2

Define the variable

$$y = \frac{r^4 - r_e^4}{r^4 + r_e^4} \tag{S1}$$

where r is the internuclear distance, and r_e = 1.098 Å is the equilibrium bond length of N_2.

The potential function of N_2 is written as a generalized Morse potential

$$V_2(r) = D_e[1 - e^{-f(y)(r-r_e)}]^2 - D_e \tag{S2}$$

where D_e = 228.7 kcal/mol is the equilibrium bond dissociation energy calculated by CASPT2/maug-cc-pVTZ with the CASSCF(6e, 6o) reference wave function. In a standard Morse potential, one has

$$f(y) = \alpha \tag{S3}$$

where α is a constant. In order to obtain a more accurate result, we made $f(y)$ depend on r; in particular, we expanded it in a Taylor series of y:

$$f(y) = \sum_{i=0}^{6} a_i y^i \tag{S4}$$

where a_0 = 2.70963254293 Å^{-1}, a_1 = 0.132620177271 Å^{-1}, a_2 = 0.296757048793 Å^{-1}, a_3 = 0.197112432229 Å^{-1}, a_4 = -0.502002309588 Å^{-1}, a_5 = 0.380734244606 Å^{-1}, a_6 = 0.121001628750 Å^{-1}.

Longer explanation of the potential energy function

A starting point for the analytic expansion of the PES is a Taylor series in the variable

$$X_i = \exp(-(r_i - r_e)/a_i) \tag{S-5}$$

where $X_i = \exp(-(r_i - r_e)/a_i)$ may be called either a Morse variable or a bond order, and the Taylor series is given by

$$V(r_1, r_2, r_3, r_4, r_5, r_6) = \sum_{n_1+n_2+n_3+n_4+n_5+n_6=0}^{k} C_{n_1 n_2 n_3 n_4 n_5 n_6} X_1^{n_1} X_2^{n_2} X_3^{n_3} X_4^{n_4} X_5^{n_5} X_6^{n_6} \tag{S-6}$$

where n_i is the order of the polynomial of X_i, and the coefficients $C_{n_1 n_2 n_3 n_4 n_5 n_6}$ are the linear parameters that need to be determined through least-squares fits. The summation in eq. (1) is over all n_1, n_2, n_3, n_4, n_5, and n_6, each starting from 0, such that their sum is less than or equal to k; therefore k is the highest total degree of the multinomials. Some terms in eq. (1), such as $X_1^{n_1} X_6^{n_6}$, are products of functions of unconnected distances, e.g., a function of the 1–2 distance ($r_1 = r_{12}$) times a function of the 3–4 distance ($r_6 = r_{34}$). Those terms, which we call unconnected terms, introduce spurious interactions between two N_2 fragments since they survive even when two N_2 fragments are far from each other. We therefore remove all unconnected terms in eq. (S-6). Also, terms like $X_i^{n_i}$ that only describe pairwise 2-body interactions are replaced with the pre-optimized N_2 potential energy function described on page S-2. Thus, eq. (S-6) becomes

$$V(r_1, r_2, r_3, r_4, r_5, r_6) = V_0 + \sum_{i=1}^{6} V_2(r_i) + \sum_{\substack{\text{connected,} \\ n_1+n_2+n_3+n_4+n_5+n_6=2}}^{k} B_{n_1 n_2 n_3 n_4 n_5 n_6} X_1^{n1} X_2^{n_2} X_3^{n_3} X_4^{n_4} X_5^{n_5} X_6^{n_6} \tag{S-7}$$

where V_0 is the relative energy of four separated N atoms ($2D_e$). Due to the permutation symmetry of the four identical N atoms, some of the coefficients are the identical by symmetry. One can therefore construct an explicitly permutationally invariant basis to reduce the number of linear coefficients.[42,43] In the present paper, we follow the monomial symmetrization approach

proposed by Xie and Bowman[62] to construct permutationally invariant polynomial basis functions to fit the global potential energy surface of N_4:

$$V(r_1,r_2,r_3,r_4,r_5,r_6) = V_0 + \sum_{i=1}^{6} V_2(r_i) + \sum_{\substack{\text{connected,} \\ n_1+n_2+n_3+n_4+n_5+n_6=2}}^{k}{}' D_{n_1n_2n_3n_4n_5n_6} S[X_1^{n1} X_2^{n_2} X_3^{n_3} X_4^{n_4} X_5^{n_5} X_6^{n_6}] \quad \text{(S-8)}$$

where $S[X_1^{n1} X_2^{n2} X_3^{n3} X_4^{n4} X_5^{n5} X_6^{n6}]$ are the symmetrized permutation-invariant polynomial basis functions, and $D_{n_1n_2n_3n_4n_5n_6}$ are the linear coefficients.

The reminder "connected" under the sum in eq. (S-7) denotes that unconnected terms are removed from the sum. The prime on the sum in eq. (S-8) denotes that V_0, two-body terms, and unconnected terms are removed from the sum.

We truncated the Taylor expansion at $k = 9$. Therefore eq. (S-6) includes 5005 terms. The use the permutationally invariant polynomial basis functions reduces the number of coefficients reduces to 306, and removing V_0, 2-body, and unconnected terms further reduces the number of coefficients to 276.

Note that V_0 equals 486.8 kcal/mol.

Figures

Note: In all figures, *d* is the distance between the centers of mass of the two nitrogen molecules.

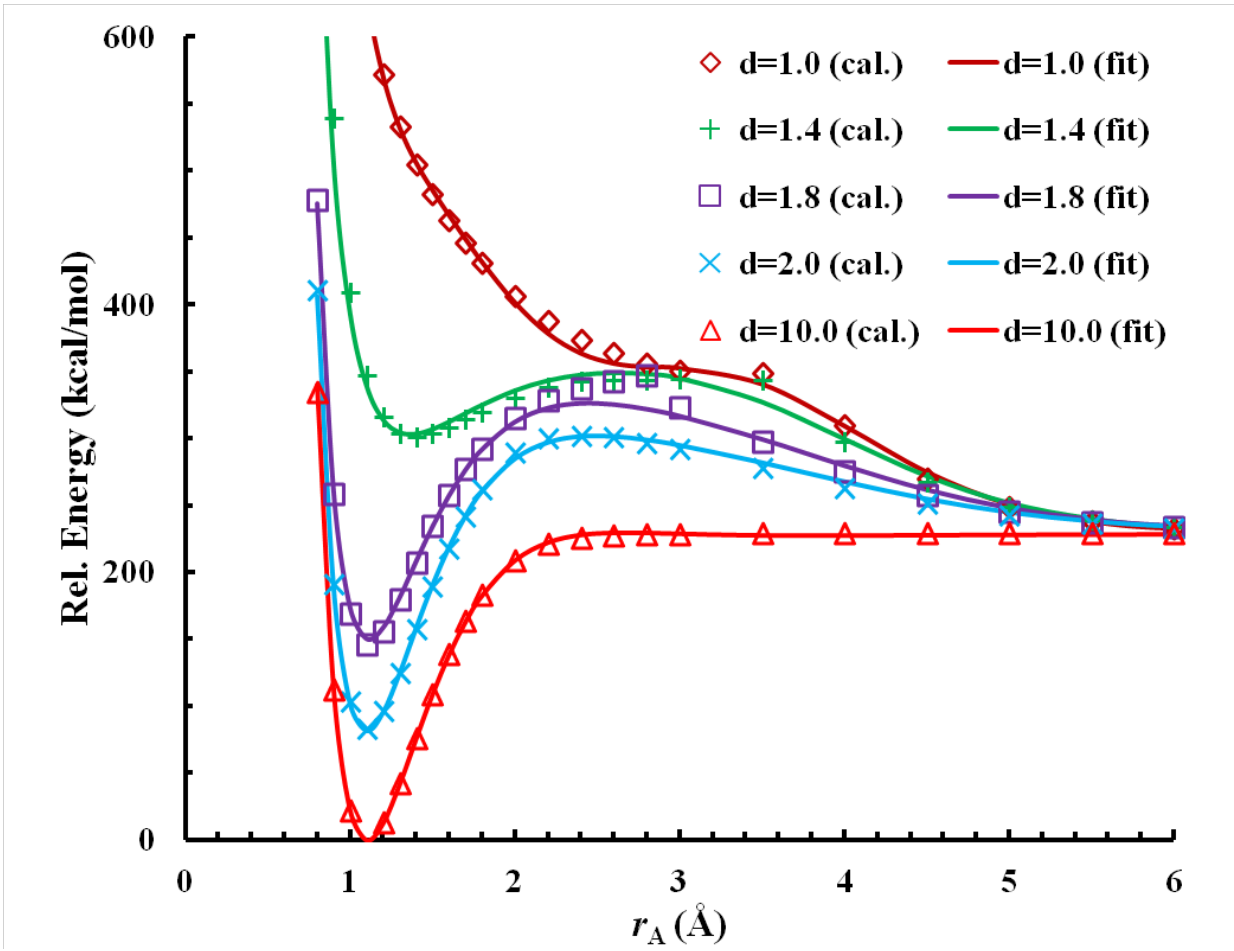

Figure S1. Dissociation curves for N_2 + N_2: comparison of the global fit to the values obtained with the CASPT2 method for the bent H-shaped set with one N_2 fixed to its equilibrium distance; r_A is dissociating.

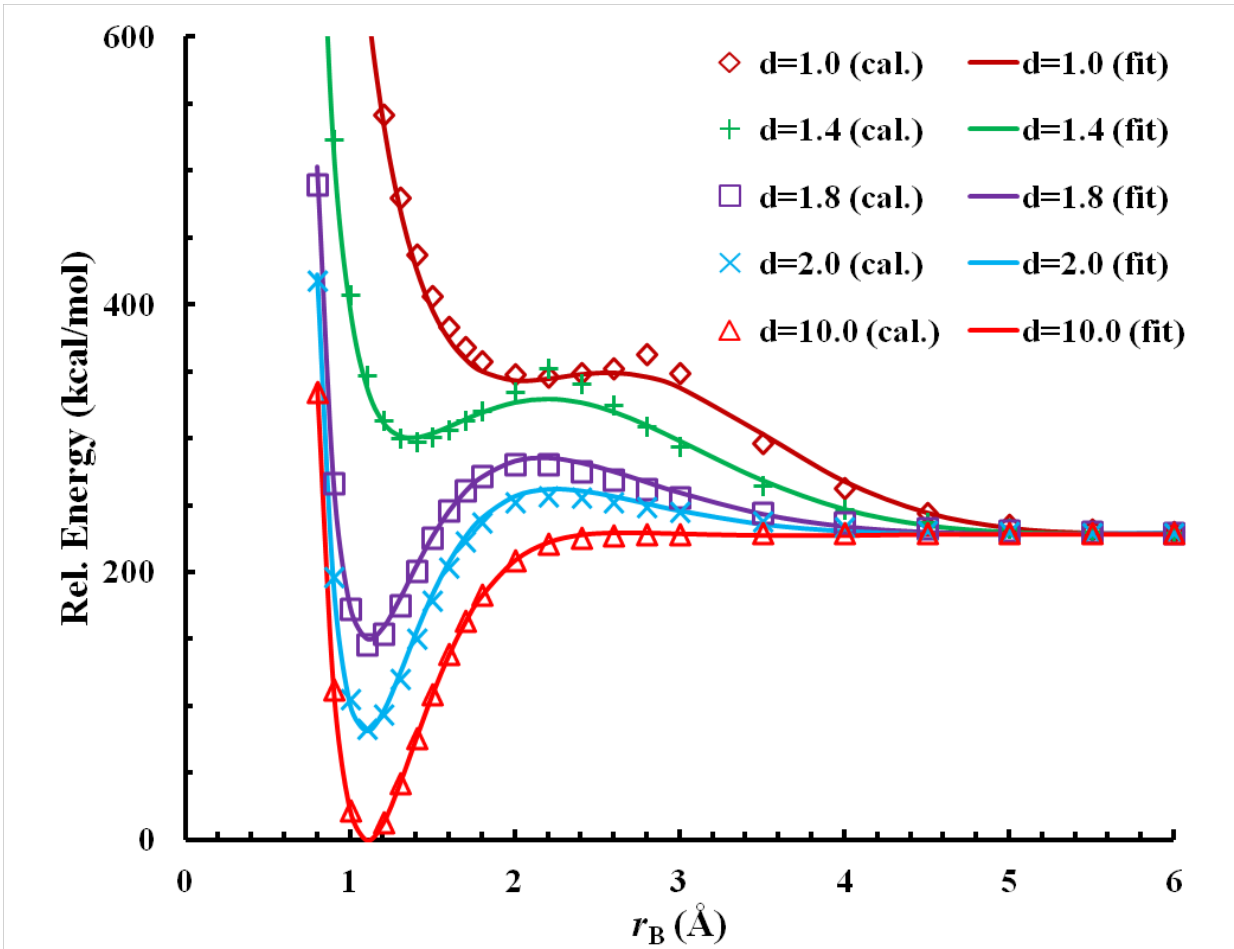

Figure S2. Dissociation curves for N_2 + N_2: comparison of the global fit to the values obtained with the CASPT2 method for the bent H-shaped set with one N_2 fixed to its equilibrium distance; r_B is dissociating.

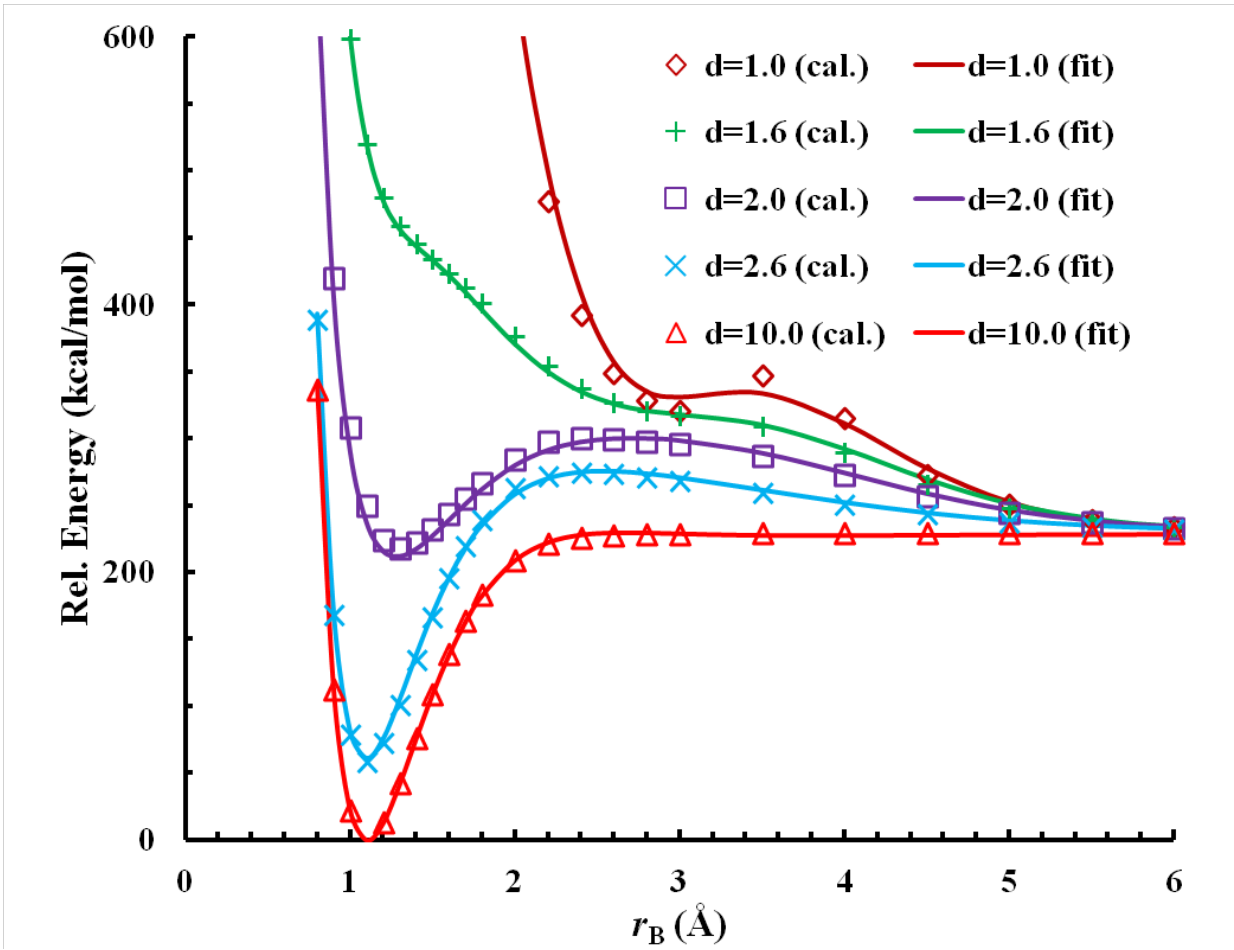

Figure S3. Dissociation curves for N_2 + N_2: comparison of the global fit to the values obtained with the CASPT2 method for the bent T-shaped set with one N_2 fixed to its equilibrium distance.

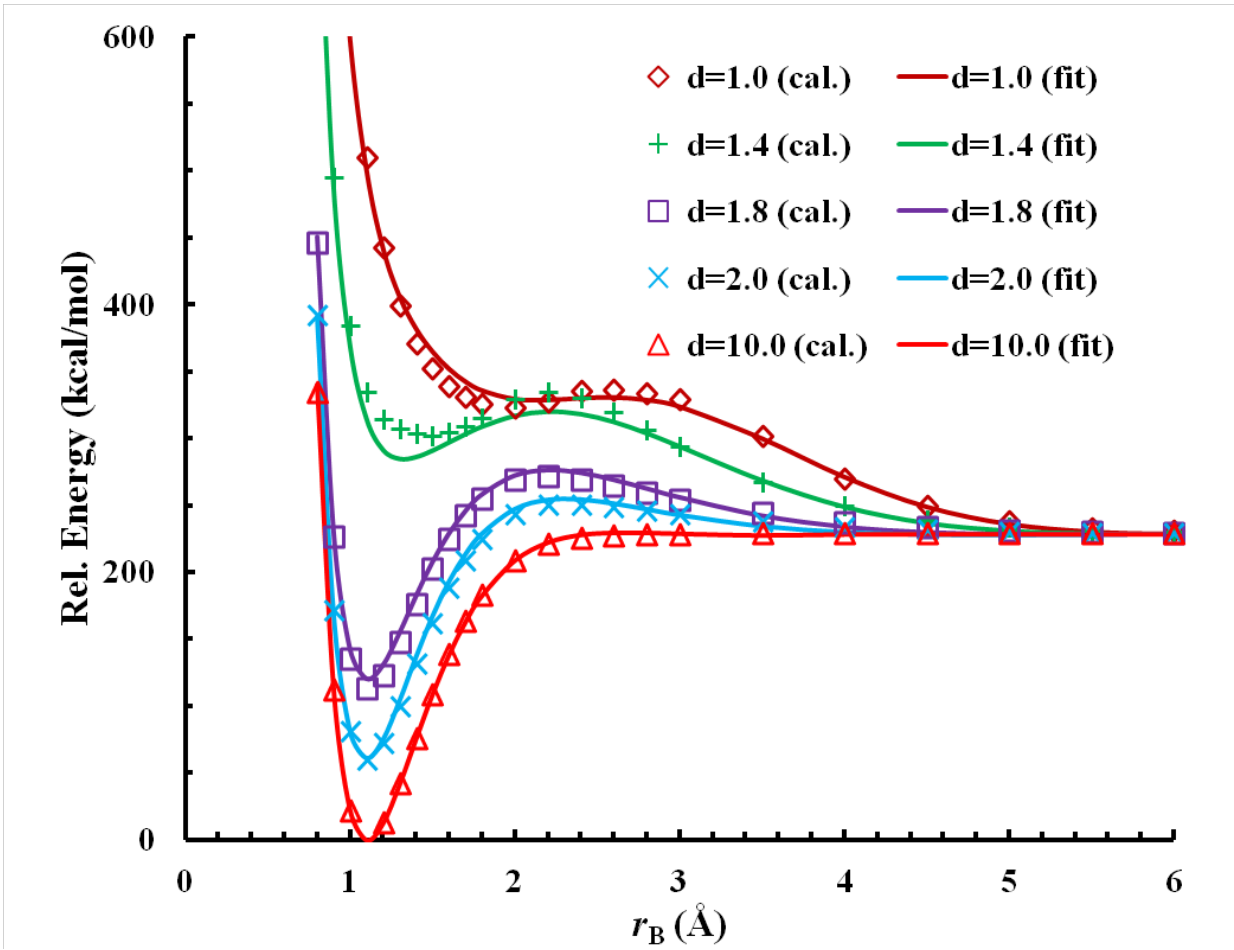

Figure S4. Dissociation curves for N_2 + N_2: comparison of the global fit to the values obtained with the CASPT2 method for the bent X-shaped set with one N_2 fixed to its equilibrium distance.

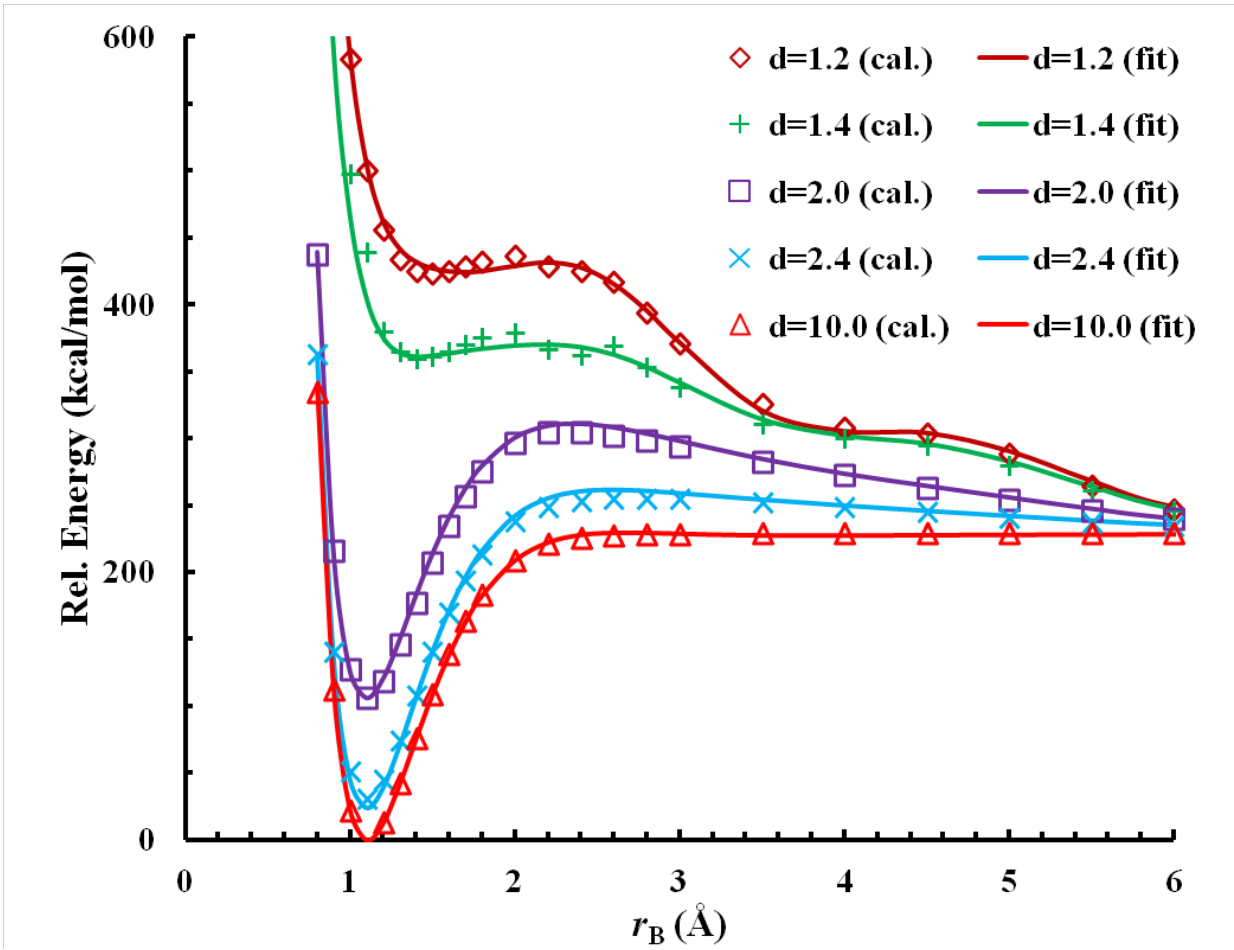

Figure S5. Dissociation curves for N_2 + N_2: comparison of the global fit to the values obtained with the CASPT2 method for the Z-shaped set with one N_2 fixed to its equilibrium distance.

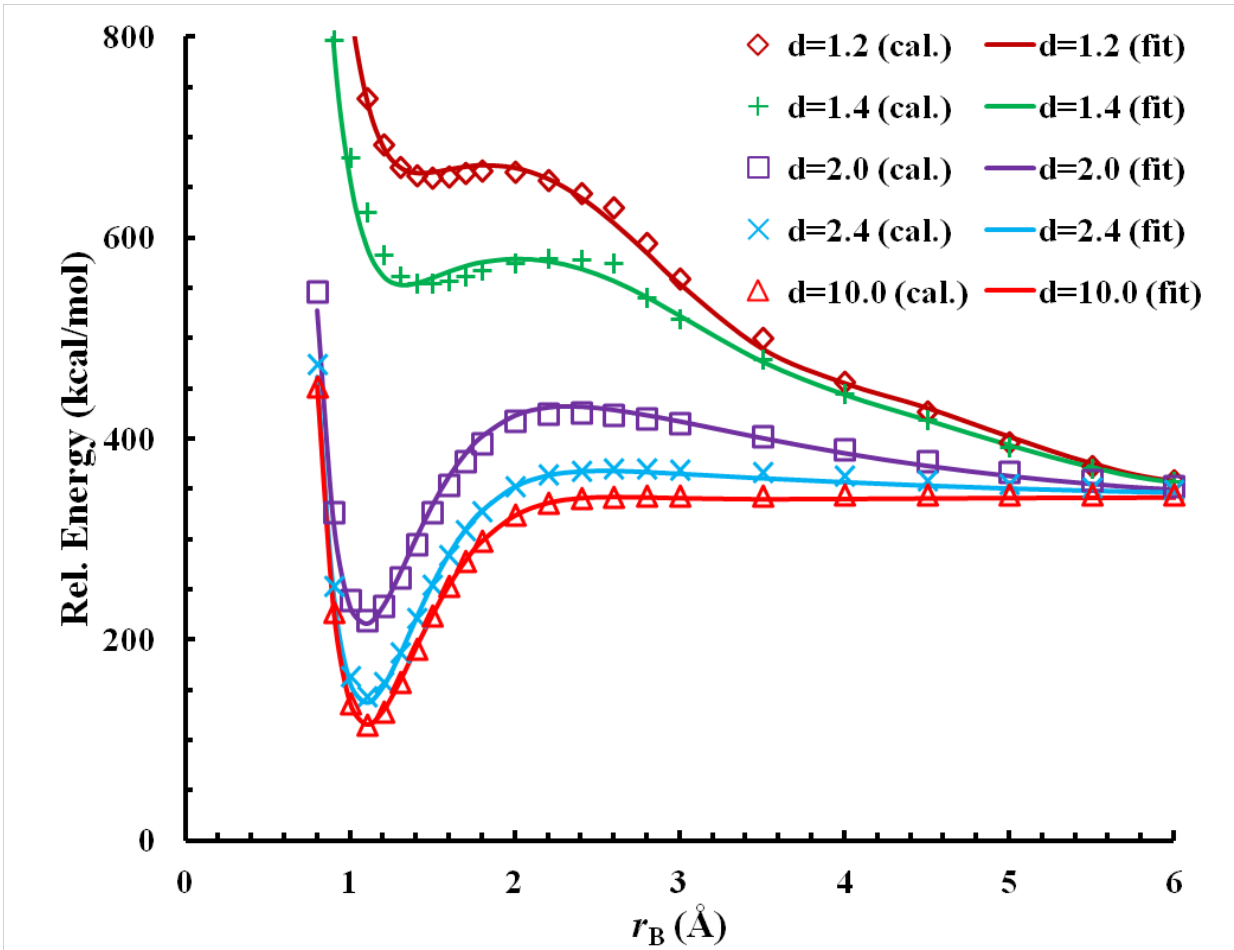

Figure S6. Dissociation curves for N_2 + N_2: comparison of the global fit to the values obtained with the CASPT2 method for the Z-shaped set with one N_2 fixed to 0.898 Å.

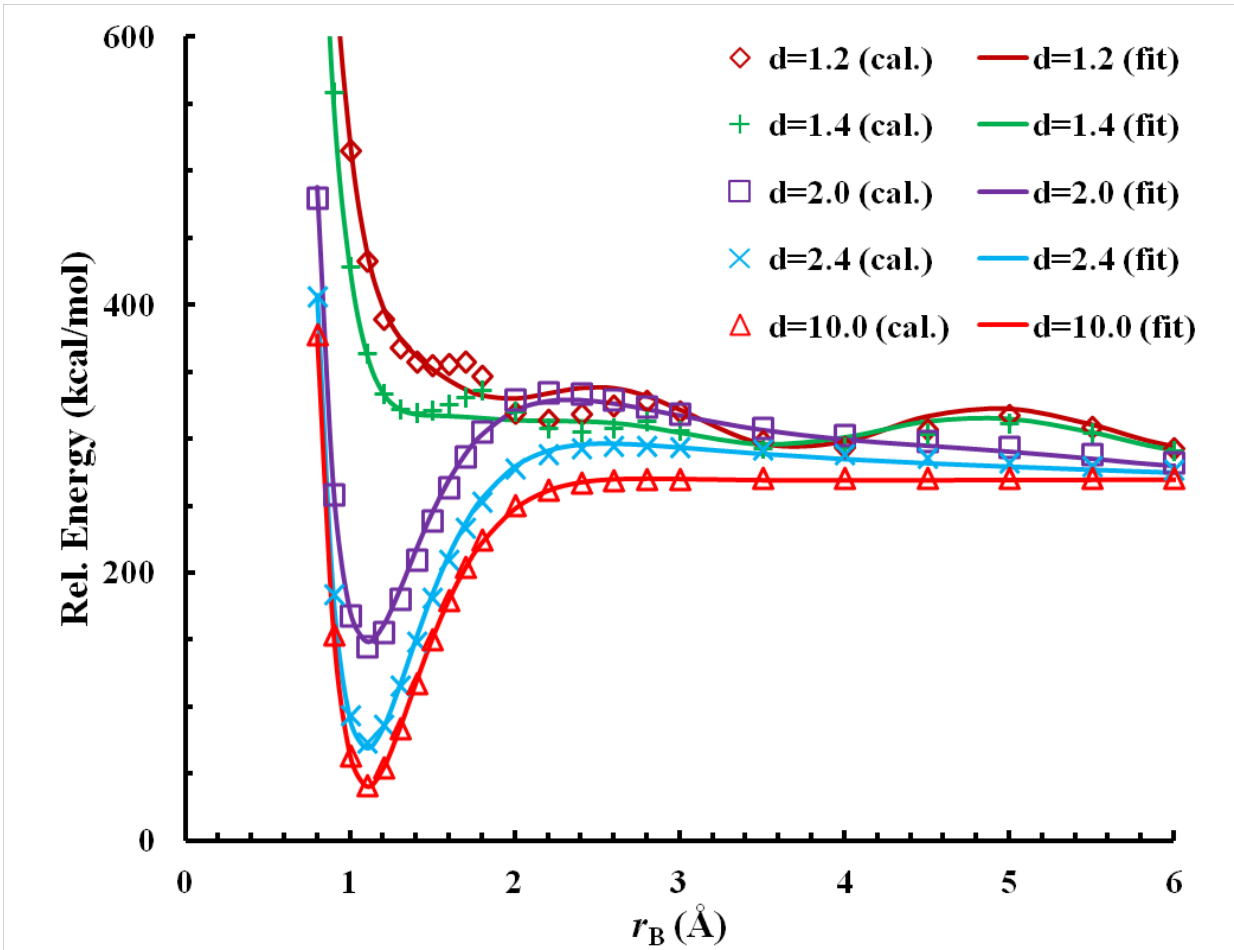

Figure S7. Dissociation curves for N_2 + N_2: comparison of the global fit to the values obtained with the CASPT2 method for the Z-shaped set with one N_2 fixed to 1.298 Å.

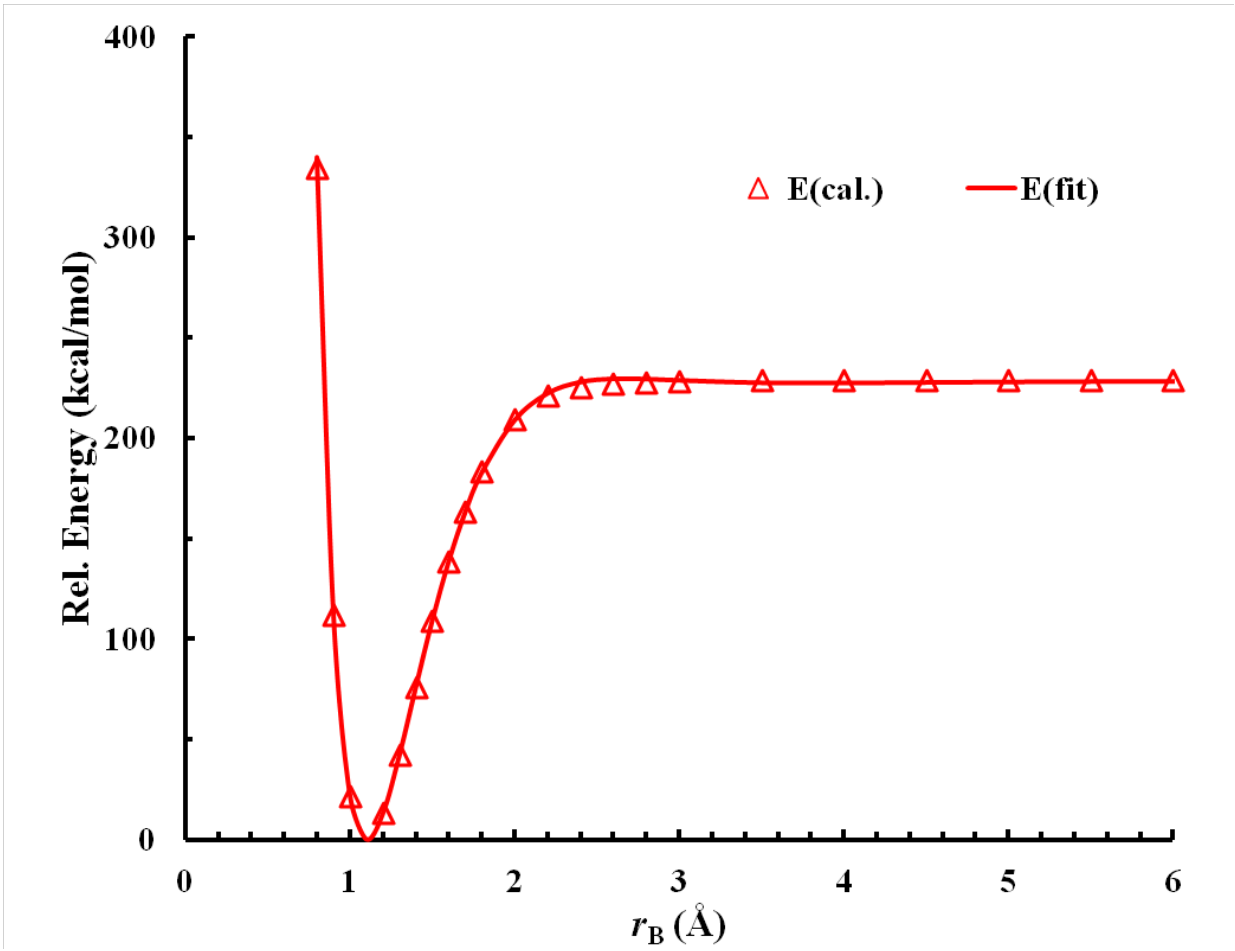

Figure S8. Dissociation curves for N_2: comparison of the fit to the values obtained with the CASPT2 method.

Fortran conversion subroutine, internal coordinates to Cartesian coordinates

```
c     Conversion program written by Jason Bender, Dec. 20, 2013.
c     Reads a file 'abinitio_IN.dat' containing a list of data points
c     expressed in the default internal coordinate system and writes a
c     file 'abinitio_OUT.dat' containing a list of the same data
c     points expressed in the Cartesian coordinate system.
c     This program makes use of the subroutine 'default2cartesian'
c     given below, which transforms from the default to Cartesian
c     coordinates. See the comments in that subroutine for more
c     information about the coordinate system format.
      program copy_default2cartesian
      implicit none
      character(len=200) :: headerline
      integer :: fidr= 150, fidw= 250
      integer :: i,j,l,n,skip,countin,countout,orid,hlength
      real*8 :: ra,rb,d,thetaa,thetab,phi,eref
      real*8, dimension(4,3) :: y

      skip= 20  !total number of header lines in abinitio_IN.dat
      n= 16435  !total number of data points
      countin= 0

      open(fidr,file="abinitio_IN.dat",action="read")
      open(fidw,file="abinitio_OUT.dat",action="write",status="replace")

c     Read and copy the text in the header of abinitio_IN.dat
      do i=1,(skip-1)
       read(fidr,'(a)') headerline
       hlength= len_trim(headerline)
       write(fidw,'(a)') headerline(1:hlength)
      end do
      read(fidr,'(a)')
c     Write a line describing the format of the data in Cartesian
c     coordinates
      write(fidw,'(a)') 'orid, E_ref [kcal/mol];'//
     & ' x1 [A], y1 [A], z1 [A]; ... ; x4 [A], y4 [A], z4 [A]'
      do i=1,n
       read(fidr,*) orid,ra,rb,d,thetaa,thetab,phi,eref
       countin= countin+1
```

```
c      Compute the Cartesian coordinates
       call default2cartesian(ra,rb,d,thetaa,thetab,phi,y)
       write(fidw,'(i10,f15.7)') countin,eref
       do j=1,4
        write(fidw,'(3(f15.7))') (y(j,l),l=1,3)
       end do
      end do

      write(*,*) "countin= ",countin
      close(fidr)
      close(fidw)
      end program copy_default2cartesian

c     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
c     'Default' to 'Cartesian' coordinate transformation.
c     Converts from the default (internal) coordinates,
c       t= (rA, rB, d, thetaA, thetaB, phi),
c     to the Cartesian coordinates y. We assume that all distances
c     are in [A] and that all angles are in [deg].
c     y is a (4x3) array satisfying, for each atom i,
c       y(i,:)= (xi,yi,zi)
      subroutine default2cartesian(ra,rb,d,thetaa_d,thetab_d,
     &  phi_d,y)
      implicit none
      real*8, intent(in) :: ra,rb,d,thetaa_d,thetab_d,phi_d
      real*8 :: thetaa,thetab,phi,pi,y11,y31,y32
      real*8, dimension(4,3), intent(out) :: y
      pi= 3.1415926536d0
      thetaa= thetaa_d*pi/180d0
      thetab= thetab_d*pi/180d0
      phi= phi_d*pi/180d0
      y11= ra*sin(thetaa)/2d0
      y(1,1)= y11
      y(1,2)= 0d0
      y(1,3)= (d- ra*cos(thetaa))/2d0
      y(2,1)= -y11
      y(2,2)= 0d0
      y(2,3)= (d+ ra*cos(thetaa))/2d0
      y31= rb*sin(thetab)*cos(phi)/2d0
      y(3,1)= y31
```

```
y32= rb*sin(thetab)*sin(phi)/2d0
y(3,2)= y32
y(3,3)= (-d+ rb*cos(thetab))/2d0
y(4,1)= -y31
y(4,2)= -y32
y(4,3)= -(d+ rb*cos(thetab))/2d0
end subroutine default2cartesian
```

N_4 ab initio data set, internal coordinates

****

*** Full data set: All points INCLUDED ***

16435 total data points, updated 12/05/2013, all energies <= 2000 kcal/mol

CASPT2/maug-cc-pVTZ (12e/12o,g4,shift=0.30)

Data set information: [All point index ranges are inclusive]

points 1 through 15365 (15365 points): N_2+N_2 scans: T,T2,H,Z,I,X,A

points 15366 through 16382 (1017 points): N3+ N scans:

$^2N_3$+^{2}N linear: L2,L2+,L2-; $^2N_3$+^{2}N bent: L3,L3+,L3-; $^4N_3$+^{4}N bent: L4,L4-,L4+

points 16383 through 16383 (1 point): extra linear N_3+N point

points 16384 through 16386 (3 points): stationary points

points 16387 through 16391 (5 points): random points added for testing

points 16392 through 16421 (30 points): points from 4 smooth paths for testing

points 16422 through 16435 (14 points): N_2+N_2 scans: extra large-separation points

Use the following conversion factors when manipulating this data:

[From the CRC Handbook of Chemistry and Physics, 94th edition, 2013-2014, Section 1,

"CODATA recommended values of the fundamental physical constants: 2010"]

1 bohr= 0.52917721092d0 A; 1 hartree= 627.509474d0 kcal/mol; 1 kcal/mol= 0.159360144d-2 hartree

1 hartree/bohr= 1185.82105d0 kcal mol^-1 A^-1; 1 kcal mol^-1 A^-1= 0.843297564d-3 hartree/bohr

The first data point is listed on line 21 of this file.

index	rA [A]	rB [A]	d [A]	thetaA [degrees]	thetaB [degrees]	phi [degrees]	E_ref [kcal/mol]
1	1.0980000	1.2000000	1.0000000	0.0000000	90.0000000	0.0000000	1971.5982651
2	1.0980000	1.3000000	1.0000000	0.0000000	90.0000000	0.0000000	1587.2724321
3	1.0980000	1.4000000	1.0000000	0.0000000	90.0000000	0.0000000	1280.7679395
4	1.0980000	1.5000000	1.0000000	0.0000000	90.0000000	0.0000000	1034.6931742
5	1.0980000	1.6000000	1.0000000	0.0000000	90.0000000	0.0000000	840.3957214
6	1.0980000	1.7000000	1.0000000	0.0000000	90.0000000	0.0000000	689.8470370
7	1.0980000	1.8000000	1.0000000	0.0000000	90.0000000	0.0000000	563.5923818
8	1.0980000	2.0000000	1.0000000	0.0000000	90.0000000	0.0000000	418.4245911
9	1.0980000	2.2000000	1.0000000	0.0000000	90.0000000	0.0000000	346.2724223
10	1.0980000	2.4000000	1.0000000	0.0000000	90.0000000	0.0000000	315.9258131
11	1.0980000	2.6000000	1.0000000	0.0000000	90.0000000	0.0000000	307.2133461
12	1.0980000	2.8000000	1.0000000	0.0000000	90.0000000	0.0000000	308.6822203
13	1.0980000	3.0000000	1.0000000	0.0000000	90.0000000	0.0000000	313.2908380
14	1.0980000	3.2000000	1.0000000	0.0000000	90.0000000	0.0000000	315.8494452
15	1.0980000	3.4000000	1.0000000	0.0000000	90.0000000	0.0000000	315.0093982
16	1.0980000	3.6000000	1.0000000	0.0000000	90.0000000	0.0000000	299.9352402
17	1.0980000	3.8000000	1.0000000	0.0000000	90.0000000	0.0000000	284.0104930
18	1.0980000	4.0000000	1.0000000	0.0000000	90.0000000	0.0000000	270.3970514
19	1.0980000	4.4000000	1.0000000	0.0000000	90.0000000	0.0000000	251.2882585
20	1.0980000	4.8000000	1.0000000	0.0000000	90.0000000	0.0000000	240.4282657
21	1.0980000	5.2000000	1.0000000	0.0000000	90.0000000	0.0000000	234.5747946
22	1.0980000	5.6000000	1.0000000	0.0000000	90.0000000	0.0000000	231.5446141
23	1.0980000	6.0000000	1.0000000	0.0000000	90.0000000	0.0000000	230.0358304
24	1.0980000	7.0000000	1.0000000	0.0000000	90.0000000	0.0000000	228.8867978
25	1.0980000	8.0000000	1.0000000	0.0000000	90.0000000	0.0000000	228.7549580
26	1.0980000	9.0000000	1.0000000	0.0000000	90.0000000	0.0000000	228.7710850
27	1.0980000	10.0000000	1.0000000	0.0000000	90.0000000	0.0000000	228.7945538
28	1.0980000	1.1000000	1.1000000	0.0000000	90.0000000	0.0000000	1746.2193896
29	1.0980000	1.2000000	1.1000000	0.0000000	90.0000000	0.0000000	1449.8232589
30	1.0980000	1.3000000	1.1000000	0.0000000	90.0000000	0.0000000	1159.5947934
31	1.0980000	1.4000000	1.1000000	0.0000000	90.0000000	0.0000000	962.3097053
32	1.0980000	1.5000000	1.1000000	0.0000000	90.0000000	0.0000000	803.1231647
33	1.0980000	1.6000000	1.1000000	0.0000000	90.0000000	0.0000000	676.0937863

34	1.0980000	1.7000000	1.1000000	0.0000000	90.0000000	0.0000000	577.1311497
35	1.0980000	1.8000000	1.1000000	0.0000000	90.0000000	0.0000000	484.4784974
36	1.0980000	2.0000000	1.1000000	0.0000000	90.0000000	0.0000000	373.7424652
37	1.0980000	2.2000000	1.1000000	0.0000000	90.0000000	0.0000000	324.2652885
38	1.0980000	2.4000000	1.1000000	0.0000000	90.0000000	0.0000000	304.9761493
39	1.0980000	2.6000000	1.1000000	0.0000000	90.0000000	0.0000000	301.8212827
40	1.0980000	2.8000000	1.1000000	0.0000000	90.0000000	0.0000000	305.8127449
41	1.0980000	3.0000000	1.1000000	0.0000000	90.0000000	0.0000000	309.7214387
42	1.0980000	3.2000000	1.1000000	0.0000000	90.0000000	0.0000000	316.6741809
43	1.0980000	3.4000000	1.1000000	0.0000000	90.0000000	0.0000000	308.6653403
44	1.0980000	3.6000000	1.1000000	0.0000000	90.0000000	0.0000000	293.8132577
45	1.0980000	3.8000000	1.1000000	0.0000000	90.0000000	0.0000000	279.0542977
46	1.0980000	4.0000000	1.1000000	0.0000000	90.0000000	0.0000000	266.6219545
47	1.0980000	4.4000000	1.1000000	0.0000000	90.0000000	0.0000000	249.2534963
48	1.0980000	4.8000000	1.1000000	0.0000000	90.0000000	0.0000000	239.3839017
49	1.0980000	5.2000000	1.1000000	0.0000000	90.0000000	0.0000000	234.0574131
50	1.0980000	5.6000000	1.1000000	0.0000000	90.0000000	0.0000000	231.2975009
51	1.0980000	6.0000000	1.1000000	0.0000000	90.0000000	0.0000000	229.9222512
52	1.0980000	7.0000000	1.1000000	0.0000000	90.0000000	0.0000000	228.8738083
53	1.0980000	8.0000000	1.1000000	0.0000000	90.0000000	0.0000000	228.7554600
54	1.0980000	9.0000000	1.1000000	0.0000000	90.0000000	0.0000000	228.7724028
55	1.0980000	10.0000000	1.1000000	0.0000000	90.0000000	0.0000000	228.7954951
56	1.0980000	0.9000000	1.2000000	0.0000000	90.0000000	0.0000000	1723.8724595
57	1.0980000	1.0000000	1.2000000	0.0000000	90.0000000	0.0000000	1409.7496254
58	1.0980000	1.1000000	1.2000000	0.0000000	90.0000000	0.0000000	1179.8113916
59	1.0980000	1.2000000	1.2000000	0.0000000	90.0000000	0.0000000	1001.9208643
60	1.0980000	1.3000000	1.2000000	0.0000000	90.0000000	0.0000000	856.8355911
61	1.0980000	1.4000000	1.2000000	0.0000000	90.0000000	0.0000000	732.5171164
62	1.0980000	1.5000000	1.2000000	0.0000000	90.0000000	0.0000000	625.1084533
63	1.0980000	1.6000000	1.2000000	0.0000000	90.0000000	0.0000000	519.0491866
64	1.0980000	1.7000000	1.2000000	0.0000000	90.0000000	0.0000000	451.5114087
65	1.0980000	1.8000000	1.2000000	0.0000000	90.0000000	0.0000000	400.3111537
66	1.0980000	2.0000000	1.2000000	0.0000000	90.0000000	0.0000000	336.2815929
67	1.0980000	2.2000000	1.2000000	0.0000000	90.0000000	0.0000000	307.2552010
68	1.0980000	2.4000000	1.2000000	0.0000000	90.0000000	0.0000000	298.3758164
69	1.0980000	2.6000000	1.2000000	0.0000000	90.0000000	0.0000000	299.4351779
70	1.0980000	2.8000000	1.2000000	0.0000000	90.0000000	0.0000000	304.4870057
71	1.0980000	3.0000000	1.2000000	0.0000000	90.0000000	0.0000000	307.6295104
72	1.0980000	3.2000000	1.2000000	0.0000000	90.0000000	0.0000000	312.0999506
73	1.0980000	3.4000000	1.2000000	0.0000000	90.0000000	0.0000000	301.9979266
74	1.0980000	3.6000000	1.2000000	0.0000000	90.0000000	0.0000000	287.6201785
75	1.0980000	3.8000000	1.2000000	0.0000000	90.0000000	0.0000000	274.0826656
76	1.0980000	4.0000000	1.2000000	0.0000000	90.0000000	0.0000000	262.8430296
77	1.0980000	4.4000000	1.2000000	0.0000000	90.0000000	0.0000000	247.2174790
78	1.0980000	4.8000000	1.2000000	0.0000000	90.0000000	0.0000000	238.3381572
79	1.0980000	5.2000000	1.2000000	0.0000000	90.0000000	0.0000000	233.5392157
80	1.0980000	5.6000000	1.2000000	0.0000000	90.0000000	0.0000000	231.0499484
81	1.0980000	6.0000000	1.2000000	0.0000000	90.0000000	0.0000000	229.8085464
82	1.0980000	7.0000000	1.2000000	0.0000000	90.0000000	0.0000000	228.8609444
83	1.0980000	8.0000000	1.2000000	0.0000000	90.0000000	0.0000000	228.7560875
84	1.0980000	9.0000000	1.2000000	0.0000000	90.0000000	0.0000000	228.7739088
85	1.0980000	10.0000000	1.2000000	0.0000000	90.0000000	0.0000000	228.7964991
86	1.0980000	0.8000000	1.3000000	0.0000000	90.0000000	0.0000000	1567.0171166
87	1.0980000	0.9000000	1.3000000	0.0000000	90.0000000	0.0000000	1188.1469137
88	1.0980000	1.0000000	1.3000000	0.0000000	90.0000000	0.0000000	957.8021793
89	1.0980000	1.1000000	1.3000000	0.0000000	90.0000000	0.0000000	802.3460570

90	1.0980000	1.2000000	1.3000000	0.0000000	90.0000000	0.0000000	692.3553806
91	1.0980000	1.3000000	1.3000000	0.0000000	90.0000000	0.0000000	605.8181218
92	1.0980000	1.4000000	1.3000000	0.0000000	90.0000000	0.0000000	538.9319498
93	1.0980000	1.5000000	1.3000000	0.0000000	90.0000000	0.0000000	470.1556563
94	1.0980000	1.6000000	1.3000000	0.0000000	90.0000000	0.0000000	421.1307257
95	1.0980000	1.7000000	1.3000000	0.0000000	90.0000000	0.0000000	381.4207967
96	1.0980000	1.8000000	1.3000000	0.0000000	90.0000000	0.0000000	351.0407413
97	1.0980000	2.0000000	1.3000000	0.0000000	90.0000000	0.0000000	313.8299943
98	1.0980000	2.2000000	1.3000000	0.0000000	90.0000000	0.0000000	298.9162276
99	1.0980000	2.4000000	1.3000000	0.0000000	90.0000000	0.0000000	295.9718904
100	1.0980000	2.6000000	1.3000000	0.0000000	90.0000000	0.0000000	299.2894702
101	1.0980000	2.8000000	1.3000000	0.0000000	90.0000000	0.0000000	302.7034355
102	1.0980000	3.0000000	1.3000000	0.0000000	90.0000000	0.0000000	305.5187568
103	1.0980000	3.2000000	1.3000000	0.0000000	90.0000000	0.0000000	306.7014239
104	1.0980000	3.4000000	1.3000000	0.0000000	90.0000000	0.0000000	295.0882943
105	1.0980000	3.6000000	1.3000000	0.0000000	90.0000000	0.0000000	281.4478698
106	1.0980000	3.8000000	1.3000000	0.0000000	90.0000000	0.0000000	269.1755415
107	1.0980000	4.0000000	1.3000000	0.0000000	90.0000000	0.0000000	259.1234045
108	1.0980000	4.4000000	1.3000000	0.0000000	90.0000000	0.0000000	245.2143432
109	1.0980000	4.8000000	1.3000000	0.0000000	90.0000000	0.0000000	237.3084770
110	1.0980000	5.2000000	1.3000000	0.0000000	90.0000000	0.0000000	233.0286113
111	1.0980000	5.6000000	1.3000000	0.0000000	90.0000000	0.0000000	230.8061609
112	1.0980000	6.0000000	1.3000000	0.0000000	90.0000000	0.0000000	229.6965987
113	1.0980000	7.0000000	1.3000000	0.0000000	90.0000000	0.0000000	228.8485197
114	1.0980000	8.0000000	1.3000000	0.0000000	90.0000000	0.0000000	228.7569033
115	1.0980000	9.0000000	1.3000000	0.0000000	90.0000000	0.0000000	228.7754776
116	1.0980000	10.0000000	1.3000000	0.0000000	90.0000000	0.0000000	228.7975659
117	1.0980000	0.8000000	1.4000000	0.0000000	90.0000000	0.0000000	1194.1481633
118	1.0980000	0.9000000	1.4000000	0.0000000	90.0000000	0.0000000	867.4448310
119	1.0980000	1.0000000	1.4000000	0.0000000	90.0000000	0.0000000	675.8399588
120	1.0980000	1.1000000	1.4000000	0.0000000	90.0000000	0.0000000	560.0771993
121	1.0980000	1.2000000	1.4000000	0.0000000	90.0000000	0.0000000	478.4669566
122	1.0980000	1.3000000	1.4000000	0.0000000	90.0000000	0.0000000	430.1812321
123	1.0980000	1.4000000	1.4000000	0.0000000	90.0000000	0.0000000	396.4617595
124	1.0980000	1.5000000	1.4000000	0.0000000	90.0000000	0.0000000	370.8995336
125	1.0980000	1.6000000	1.4000000	0.0000000	90.0000000	0.0000000	350.0465780
126	1.0980000	1.7000000	1.4000000	0.0000000	90.0000000	0.0000000	332.6127960
127	1.0980000	1.8000000	1.4000000	0.0000000	90.0000000	0.0000000	318.6385993
128	1.0980000	2.0000000	1.4000000	0.0000000	90.0000000	0.0000000	300.8177695
129	1.0980000	2.2000000	1.4000000	0.0000000	90.0000000	0.0000000	294.8561157
130	1.0980000	2.4000000	1.4000000	0.0000000	90.0000000	0.0000000	295.1161557
131	1.0980000	2.6000000	1.4000000	0.0000000	90.0000000	0.0000000	298.8205951
132	1.0980000	2.8000000	1.4000000	0.0000000	90.0000000	0.0000000	302.2108406
133	1.0980000	3.0000000	1.4000000	0.0000000	90.0000000	0.0000000	307.2254570
134	1.0980000	3.2000000	1.4000000	0.0000000	90.0000000	0.0000000	300.3724888
135	1.0980000	3.4000000	1.4000000	0.0000000	90.0000000	0.0000000	288.0468222
136	1.0980000	3.6000000	1.4000000	0.0000000	90.0000000	0.0000000	275.3870695
137	1.0980000	3.8000000	1.4000000	0.0000000	90.0000000	0.0000000	264.4072853
138	1.0980000	4.0000000	1.4000000	0.0000000	90.0000000	0.0000000	255.5207471
139	1.0980000	4.4000000	1.4000000	0.0000000	90.0000000	0.0000000	243.2752135
140	1.0980000	4.8000000	1.4000000	0.0000000	90.0000000	0.0000000	236.3106113
141	1.0980000	5.2000000	1.4000000	0.0000000	90.0000000	0.0000000	232.5336318
142	1.0980000	5.6000000	1.4000000	0.0000000	90.0000000	0.0000000	230.5697782
143	1.0980000	6.0000000	1.4000000	0.0000000	90.0000000	0.0000000	229.5881023
144	1.0980000	7.0000000	1.4000000	0.0000000	90.0000000	0.0000000	228.8367225
145	1.0980000	8.0000000	1.4000000	0.0000000	90.0000000	0.0000000	228.7579701

146	1.0980000	9.0000000	1.4000000	0.0000000	90.0000000	0.0000000	228.7771091
147	1.0980000	10.0000000	1.4000000	0.0000000	90.0000000	0.0000000	228.7986326
148	1.0980000	0.8000000	1.5000000	0.0000000	90.0000000	0.0000000	990.7222676
149	1.0980000	0.9000000	1.5000000	0.0000000	90.0000000	0.0000000	662.8005002
150	1.0980000	1.0000000	1.5000000	0.0000000	90.0000000	0.0000000	510.8819625
151	1.0980000	1.1000000	1.5000000	0.0000000	90.0000000	0.0000000	405.2433781
152	1.0980000	1.2000000	1.5000000	0.0000000	90.0000000	0.0000000	354.4503139
153	1.0980000	1.3000000	1.5000000	0.0000000	90.0000000	0.0000000	327.0160390
154	1.0980000	1.4000000	1.5000000	0.0000000	90.0000000	0.0000000	312.3163158
155	1.0980000	1.5000000	1.5000000	0.0000000	90.0000000	0.0000000	304.3895534
156	1.0980000	1.6000000	1.5000000	0.0000000	90.0000000	0.0000000	299.9429586
157	1.0980000	1.7000000	1.5000000	0.0000000	90.0000000	0.0000000	297.2133551
158	1.0980000	1.8000000	1.5000000	0.0000000	90.0000000	0.0000000	295.3537935
159	1.0980000	2.0000000	1.5000000	0.0000000	90.0000000	0.0000000	292.5965796
160	1.0980000	2.2000000	1.5000000	0.0000000	90.0000000	0.0000000	293.4476708
161	1.0980000	2.4000000	1.5000000	0.0000000	90.0000000	0.0000000	296.3611973
162	1.0980000	2.6000000	1.5000000	0.0000000	90.0000000	0.0000000	299.5993971
163	1.0980000	2.8000000	1.5000000	0.0000000	90.0000000	0.0000000	301.4189236
164	1.0980000	3.0000000	1.5000000	0.0000000	90.0000000	0.0000000	302.9905211
165	1.0980000	3.2000000	1.5000000	0.0000000	90.0000000	0.0000000	293.2452989
166	1.0980000	3.4000000	1.5000000	0.0000000	90.0000000	0.0000000	281.0117508
167	1.0980000	3.6000000	1.5000000	0.0000000	90.0000000	0.0000000	269.5284529
168	1.0980000	3.8000000	1.5000000	0.0000000	90.0000000	0.0000000	259.8459189
169	1.0980000	4.0000000	1.5000000	0.0000000	90.0000000	0.0000000	252.0860112
170	1.0980000	4.4000000	1.5000000	0.0000000	90.0000000	0.0000000	241.4273864
171	1.0980000	4.8000000	1.5000000	0.0000000	90.0000000	0.0000000	235.3585540
172	1.0980000	5.2000000	1.5000000	0.0000000	90.0000000	0.0000000	232.0611172
173	1.0980000	5.6000000	1.5000000	0.0000000	90.0000000	0.0000000	230.3441885
174	1.0980000	6.0000000	1.5000000	0.0000000	90.0000000	0.0000000	229.4845632
175	1.0980000	7.0000000	1.5000000	0.0000000	90.0000000	0.0000000	228.8256783
176	1.0980000	8.0000000	1.5000000	0.0000000	90.0000000	0.0000000	228.7592251
177	1.0980000	9.0000000	1.5000000	0.0000000	90.0000000	0.0000000	228.7789289
178	1.0980000	10.0000000	1.5000000	0.0000000	90.0000000	0.0000000	228.7998249
179	1.0980000	0.8000000	1.6000000	0.0000000	90.0000000	0.0000000	845.5720471
180	1.0980000	0.9000000	1.6000000	0.0000000	90.0000000	0.0000000	555.5567464
181	1.0980000	1.0000000	1.6000000	0.0000000	90.0000000	0.0000000	402.4505217
182	1.0980000	1.1000000	1.6000000	0.0000000	90.0000000	0.0000000	324.1014458
183	1.0980000	1.2000000	1.6000000	0.0000000	90.0000000	0.0000000	284.5094885
184	1.0980000	1.3000000	1.6000000	0.0000000	90.0000000	0.0000000	267.7639590
185	1.0980000	1.4000000	1.6000000	0.0000000	90.0000000	0.0000000	263.1406574
186	1.0980000	1.5000000	1.6000000	0.0000000	90.0000000	0.0000000	264.5979854
187	1.0980000	1.6000000	1.6000000	0.0000000	90.0000000	0.0000000	267.7131432
188	1.0980000	1.7000000	1.6000000	0.0000000	90.0000000	0.0000000	272.8573718
189	1.0980000	1.8000000	1.6000000	0.0000000	90.0000000	0.0000000	278.0020270
190	1.0980000	2.0000000	1.6000000	0.0000000	90.0000000	0.0000000	286.8032239
191	1.0980000	2.2000000	1.6000000	0.0000000	90.0000000	0.0000000	293.0863508
192	1.0980000	2.4000000	1.6000000	0.0000000	90.0000000	0.0000000	297.3629533
193	1.0980000	2.6000000	1.6000000	0.0000000	90.0000000	0.0000000	299.7133528
194	1.0980000	2.8000000	1.6000000	0.0000000	90.0000000	0.0000000	303.5608644
195	1.0980000	3.0000000	1.6000000	0.0000000	90.0000000	0.0000000	296.7514454
196	1.0980000	3.2000000	1.6000000	0.0000000	90.0000000	0.0000000	285.6366838
197	1.0980000	3.4000000	1.6000000	0.0000000	90.0000000	0.0000000	274.1397062
198	1.0980000	3.6000000	1.6000000	0.0000000	90.0000000	0.0000000	263.9603731
199	1.0980000	3.8000000	1.6000000	0.0000000	90.0000000	0.0000000	255.5516833
200	1.0980000	4.0000000	1.6000000	0.0000000	90.0000000	0.0000000	248.8626206
201	1.0980000	4.4000000	1.6000000	0.0000000	90.0000000	0.0000000	239.6933895

202	1.0980000	4.8000000	1.6000000	0.0000000	90.0000000	0.0000000	234.4641020
203	1.0980000	5.2000000	1.6000000	0.0000000	90.0000000	0.0000000	231.6169033
204	1.0980000	5.6000000	1.6000000	0.0000000	90.0000000	0.0000000	230.1319648
205	1.0980000	6.0000000	1.6000000	0.0000000	90.0000000	0.0000000	229.3872366
206	1.0980000	7.0000000	1.6000000	0.0000000	90.0000000	0.0000000	228.8155754
207	1.0980000	8.0000000	1.6000000	0.0000000	90.0000000	0.0000000	228.7606684
208	1.0980000	9.0000000	1.6000000	0.0000000	90.0000000	0.0000000	228.7807486
209	1.0980000	10.0000000	1.6000000	0.0000000	90.0000000	0.0000000	228.8010172
210	1.0980000	0.8000000	1.7000000	0.0000000	90.0000000	0.0000000	784.3652750
211	1.0980000	0.9000000	1.7000000	0.0000000	90.0000000	0.0000000	500.6723834
212	1.0980000	1.0000000	1.7000000	0.0000000	90.0000000	0.0000000	353.4926718
213	1.0980000	1.1000000	1.7000000	0.0000000	90.0000000	0.0000000	281.8927740
214	1.0980000	1.2000000	1.7000000	0.0000000	90.0000000	0.0000000	249.2966061
215	1.0980000	1.3000000	1.7000000	0.0000000	90.0000000	0.0000000	236.9443959
216	1.0980000	1.4000000	1.7000000	0.0000000	90.0000000	0.0000000	236.2316079
217	1.0980000	1.5000000	1.7000000	0.0000000	90.0000000	0.0000000	242.1849785
218	1.0980000	1.6000000	1.7000000	0.0000000	90.0000000	0.0000000	250.6381586
219	1.0980000	1.7000000	1.7000000	0.0000000	90.0000000	0.0000000	259.7306454
220	1.0980000	1.8000000	1.7000000	0.0000000	90.0000000	0.0000000	268.4664558
221	1.0980000	2.0000000	1.7000000	0.0000000	90.0000000	0.0000000	283.0272484
222	1.0980000	2.2000000	1.7000000	0.0000000	90.0000000	0.0000000	292.6418231
223	1.0980000	2.4000000	1.7000000	0.0000000	90.0000000	0.0000000	297.5542183
224	1.0980000	2.6000000	1.7000000	0.0000000	90.0000000	0.0000000	302.9484151
225	1.0980000	2.8000000	1.7000000	0.0000000	90.0000000	0.0000000	298.7203818
226	1.0980000	3.0000000	1.7000000	0.0000000	90.0000000	0.0000000	289.0200266
227	1.0980000	3.2000000	1.7000000	0.0000000	90.0000000	0.0000000	277.9258474
228	1.0980000	3.4000000	1.7000000	0.0000000	90.0000000	0.0000000	267.5871895
229	1.0980000	3.6000000	1.7000000	0.0000000	90.0000000	0.0000000	258.7629004
230	1.0980000	3.8000000	1.7000000	0.0000000	90.0000000	0.0000000	251.5747165
231	1.0980000	4.0000000	1.7000000	0.0000000	90.0000000	0.0000000	245.8849626
232	1.0980000	4.4000000	1.7000000	0.0000000	90.0000000	0.0000000	238.0911067
233	1.0980000	4.8000000	1.7000000	0.0000000	90.0000000	0.0000000	233.6364170
234	1.0980000	5.2000000	1.7000000	0.0000000	90.0000000	0.0000000	231.2055707
235	1.0980000	5.6000000	1.7000000	0.0000000	90.0000000	0.0000000	229.9354916
236	1.0980000	6.0000000	1.7000000	0.0000000	90.0000000	0.0000000	229.2971262
237	1.0980000	7.0000000	1.7000000	0.0000000	90.0000000	0.0000000	228.8064765
238	1.0980000	8.0000000	1.7000000	0.0000000	90.0000000	0.0000000	228.7624254
239	1.0980000	9.0000000	1.7000000	0.0000000	90.0000000	0.0000000	228.7826312
240	1.0980000	10.0000000	1.7000000	0.0000000	90.0000000	0.0000000	228.8022722
241	1.0980000	0.8000000	1.8000000	0.0000000	90.0000000	0.0000000	757.1908518
242	1.0980000	0.9000000	1.8000000	0.0000000	90.0000000	0.0000000	477.5074946
243	1.0980000	1.0000000	1.8000000	0.0000000	90.0000000	0.0000000	340.2674703
244	1.0980000	1.1000000	1.8000000	0.0000000	90.0000000	0.0000000	266.9045847
245	1.0980000	1.2000000	1.8000000	0.0000000	90.0000000	0.0000000	234.6117549
246	1.0980000	1.3000000	1.8000000	0.0000000	90.0000000	0.0000000	223.7190690
247	1.0980000	1.4000000	1.8000000	0.0000000	90.0000000	0.0000000	225.6973554
248	1.0980000	1.5000000	1.8000000	0.0000000	90.0000000	0.0000000	233.4940351
249	1.0980000	1.6000000	1.8000000	0.0000000	90.0000000	0.0000000	243.6434988
250	1.0980000	1.7000000	1.8000000	0.0000000	90.0000000	0.0000000	254.2922718
251	1.0980000	1.8000000	1.8000000	0.0000000	90.0000000	0.0000000	264.4276793
252	1.0980000	2.0000000	1.8000000	0.0000000	90.0000000	0.0000000	281.1919087
253	1.0980000	2.2000000	1.8000000	0.0000000	90.0000000	0.0000000	292.0289346
254	1.0980000	2.4000000	1.8000000	0.0000000	90.0000000	0.0000000	300.8450661
255	1.0980000	2.6000000	1.8000000	0.0000000	90.0000000	0.0000000	299.2864582
256	1.0980000	2.8000000	1.8000000	0.0000000	90.0000000	0.0000000	291.0534084
257	1.0980000	3.0000000	1.8000000	0.0000000	90.0000000	0.0000000	280.6379434

258	1.0980000	3.2000000	1.8000000	0.0000000	90.0000000	0.0000000	270.4604299
259	1.0980000	3.4000000	1.8000000	0.0000000	90.0000000	0.0000000	261.4908095
260	1.0980000	3.6000000	1.8000000	0.0000000	90.0000000	0.0000000	254.0011702
261	1.0980000	3.8000000	1.8000000	0.0000000	90.0000000	0.0000000	247.9524809
262	1.0980000	4.0000000	1.8000000	0.0000000	90.0000000	0.0000000	243.1773220
263	1.0980000	4.4000000	1.8000000	0.0000000	90.0000000	0.0000000	236.6327747
264	1.0980000	4.8000000	1.8000000	0.0000000	90.0000000	0.0000000	232.8820878
265	1.0980000	5.2000000	1.8000000	0.0000000	90.0000000	0.0000000	230.8303829
266	1.0980000	5.6000000	1.8000000	0.0000000	90.0000000	0.0000000	229.7561494
267	1.0980000	6.0000000	1.8000000	0.0000000	90.0000000	0.0000000	229.2148597
268	1.0980000	7.0000000	1.8000000	0.0000000	90.0000000	0.0000000	228.7985699
269	1.0980000	8.0000000	1.8000000	0.0000000	90.0000000	0.0000000	228.7643079
270	1.0980000	9.0000000	1.8000000	0.0000000	90.0000000	0.0000000	228.7846392
271	1.0980000	10.0000000	1.8000000	0.0000000	90.0000000	0.0000000	228.8035272
272	1.0980000	0.8000000	1.9000000	0.0000000	90.0000000	0.0000000	743.4244234
273	1.0980000	0.9000000	1.9000000	0.0000000	90.0000000	0.0000000	472.3474568
274	1.0980000	1.0000000	1.9000000	0.0000000	90.0000000	0.0000000	338.1329969
275	1.0980000	1.1000000	1.9000000	0.0000000	90.0000000	0.0000000	265.4389736
276	1.0980000	1.2000000	1.9000000	0.0000000	90.0000000	0.0000000	232.3930069
277	1.0980000	1.3000000	1.9000000	0.0000000	90.0000000	0.0000000	222.6423883
278	1.0980000	1.4000000	1.9000000	0.0000000	90.0000000	0.0000000	224.7820073
279	1.0980000	1.5000000	1.9000000	0.0000000	90.0000000	0.0000000	232.6524193
280	1.0980000	1.6000000	1.9000000	0.0000000	90.0000000	0.0000000	242.8685874
281	1.0980000	1.7000000	1.9000000	0.0000000	90.0000000	0.0000000	253.5777895
282	1.0980000	1.8000000	1.9000000	0.0000000	90.0000000	0.0000000	263.7509103
283	1.0980000	2.0000000	1.9000000	0.0000000	90.0000000	0.0000000	280.5072331
284	1.0980000	2.2000000	1.9000000	0.0000000	90.0000000	0.0000000	295.3957111
285	1.0980000	2.4000000	1.9000000	0.0000000	90.0000000	0.0000000	297.7529505
286	1.0980000	2.6000000	1.9000000	0.0000000	90.0000000	0.0000000	291.4663724
287	1.0980000	2.8000000	1.9000000	0.0000000	90.0000000	0.0000000	282.0383562
288	1.0980000	3.0000000	1.9000000	0.0000000	90.0000000	0.0000000	272.3330437
289	1.0980000	3.2000000	1.9000000	0.0000000	90.0000000	0.0000000	263.5077504
290	1.0980000	3.4000000	1.9000000	0.0000000	90.0000000	0.0000000	255.9528501
291	1.0980000	3.6000000	1.9000000	0.0000000	90.0000000	0.0000000	249.7199240
292	1.0980000	3.8000000	1.9000000	0.0000000	90.0000000	0.0000000	244.7078176
293	1.0980000	4.0000000	1.9000000	0.0000000	90.0000000	0.0000000	240.7537550
294	1.0980000	4.4000000	1.9000000	0.0000000	90.0000000	0.0000000	235.3256098
295	1.0980000	4.8000000	1.9000000	0.0000000	90.0000000	0.0000000	232.2048796
296	1.0980000	5.2000000	1.9000000	0.0000000	90.0000000	0.0000000	230.4932848
297	1.0980000	5.6000000	1.9000000	0.0000000	90.0000000	0.0000000	229.5948794
298	1.0980000	6.0000000	1.9000000	0.0000000	90.0000000	0.0000000	229.1408764
299	1.0980000	7.0000000	1.9000000	0.0000000	90.0000000	0.0000000	228.7917928
300	1.0980000	8.0000000	1.9000000	0.0000000	90.0000000	0.0000000	228.7663787
301	1.0980000	9.0000000	1.9000000	0.0000000	90.0000000	0.0000000	228.7866472
302	1.0980000	10.0000000	1.9000000	0.0000000	90.0000000	0.0000000	228.8048450
303	1.0980000	0.8000000	2.0000000	0.0000000	90.0000000	0.0000000	624.3281453
304	1.0980000	0.9000000	2.0000000	0.0000000	90.0000000	0.0000000	403.7316451
305	1.0980000	1.0000000	2.0000000	0.0000000	90.0000000	0.0000000	313.4366086
306	1.0980000	1.1000000	2.0000000	0.0000000	90.0000000	0.0000000	270.0690523
307	1.0980000	1.2000000	2.0000000	0.0000000	90.0000000	0.0000000	237.0374556
308	1.0980000	1.3000000	2.0000000	0.0000000	90.0000000	0.0000000	227.1942164
309	1.0980000	1.4000000	2.0000000	0.0000000	90.0000000	0.0000000	228.6022850
310	1.0980000	1.5000000	2.0000000	0.0000000	90.0000000	0.0000000	235.6073615
311	1.0980000	1.6000000	2.0000000	0.0000000	90.0000000	0.0000000	244.9599509
312	1.0980000	1.7000000	2.0000000	0.0000000	90.0000000	0.0000000	254.8610464
313	1.0980000	1.8000000	2.0000000	0.0000000	90.0000000	0.0000000	264.3325740

314	1.0980000	2.0000000	2.0000000	0.0000000	90.0000000	0.0000000	284.7115906
315	1.0980000	2.2000000	2.0000000	0.0000000	90.0000000	0.0000000	292.2939130
316	1.0980000	2.4000000	2.0000000	0.0000000	90.0000000	0.0000000	289.4363289
317	1.0980000	2.6000000	2.0000000	0.0000000	90.0000000	0.0000000	281.7396554
318	1.0980000	2.8000000	2.0000000	0.0000000	90.0000000	0.0000000	272.9442631
319	1.0980000	3.0000000	2.0000000	0.0000000	90.0000000	0.0000000	264.5932980
320	1.0980000	3.2000000	2.0000000	0.0000000	90.0000000	0.0000000	257.2416040
321	1.0980000	3.4000000	2.0000000	0.0000000	90.0000000	0.0000000	251.0347509
322	1.0980000	3.6000000	2.0000000	0.0000000	90.0000000	0.0000000	245.9409051
323	1.0980000	3.8000000	2.0000000	0.0000000	90.0000000	0.0000000	241.8491669
324	1.0980000	4.0000000	2.0000000	0.0000000	90.0000000	0.0000000	238.6182146
325	1.0980000	4.4000000	2.0000000	0.0000000	90.0000000	0.0000000	234.1714880
326	1.0980000	4.8000000	2.0000000	0.0000000	90.0000000	0.0000000	231.6060347
327	1.0980000	5.2000000	2.0000000	0.0000000	90.0000000	0.0000000	230.1948664
328	1.0980000	5.6000000	2.0000000	0.0000000	90.0000000	0.0000000	229.4519453
329	1.0980000	6.0000000	2.0000000	0.0000000	90.0000000	0.0000000	229.0753455
330	1.0980000	7.0000000	2.0000000	0.0000000	90.0000000	0.0000000	228.7861703
331	1.0980000	8.0000000	2.0000000	0.0000000	90.0000000	0.0000000	228.7686001
332	1.0980000	9.0000000	2.0000000	0.0000000	90.0000000	0.0000000	228.7886615
333	1.0980000	10.0000000	2.0000000	0.0000000	90.0000000	0.0000000	228.8061377
334	1.0980000	0.8000000	2.2000000	0.0000000	90.0000000	0.0000000	488.4444828
335	1.0980000	0.9000000	2.2000000	0.0000000	90.0000000	0.0000000	268.4287425
336	1.0980000	1.0000000	2.2000000	0.0000000	90.0000000	0.0000000	177.7037992
337	1.0980000	1.1000000	2.2000000	0.0000000	90.0000000	0.0000000	154.0140616
338	1.0980000	1.2000000	2.2000000	0.0000000	90.0000000	0.0000000	163.0344476
339	1.0980000	1.3000000	2.2000000	0.0000000	90.0000000	0.0000000	185.4205971
340	1.0980000	1.4000000	2.2000000	0.0000000	90.0000000	0.0000000	209.9913580
341	1.0980000	1.5000000	2.2000000	0.0000000	90.0000000	0.0000000	230.6406240
342	1.0980000	1.6000000	2.2000000	0.0000000	90.0000000	0.0000000	245.2807338
343	1.0980000	1.7000000	2.2000000	0.0000000	90.0000000	0.0000000	255.2525496
344	1.0980000	1.8000000	2.2000000	0.0000000	90.0000000	0.0000000	262.6301157
345	1.0980000	2.0000000	2.2000000	0.0000000	90.0000000	0.0000000	271.3185491
346	1.0980000	2.2000000	2.2000000	0.0000000	90.0000000	0.0000000	272.4755511
347	1.0980000	2.4000000	2.2000000	0.0000000	90.0000000	0.0000000	268.6804994
348	1.0980000	2.6000000	2.2000000	0.0000000	90.0000000	0.0000000	262.9988403
349	1.0980000	2.8000000	2.2000000	0.0000000	90.0000000	0.0000000	257.1213355
350	1.0980000	3.0000000	2.2000000	0.0000000	90.0000000	0.0000000	251.7302761
351	1.0980000	3.2000000	2.2000000	0.0000000	90.0000000	0.0000000	247.0482397
352	1.0980000	3.4000000	2.2000000	0.0000000	90.0000000	0.0000000	243.1089234
353	1.0980000	3.6000000	2.2000000	0.0000000	90.0000000	0.0000000	239.8697196
354	1.0980000	3.8000000	2.2000000	0.0000000	90.0000000	0.0000000	237.2563309
355	1.0980000	4.0000000	2.2000000	0.0000000	90.0000000	0.0000000	235.1822865
356	1.0980000	4.4000000	2.2000000	0.0000000	90.0000000	0.0000000	232.3081049
357	1.0980000	4.8000000	2.2000000	0.0000000	90.0000000	0.0000000	230.6365452
358	1.0980000	5.2000000	2.2000000	0.0000000	90.0000000	0.0000000	229.7105294
359	1.0980000	5.6000000	2.2000000	0.0000000	90.0000000	0.0000000	229.2195032
360	1.0980000	6.0000000	2.2000000	0.0000000	90.0000000	0.0000000	228.9688760
361	1.0980000	7.0000000	2.2000000	0.0000000	90.0000000	0.0000000	228.7783014
362	1.0980000	8.0000000	2.2000000	0.0000000	90.0000000	0.0000000	228.7735323
363	1.0980000	9.0000000	2.2000000	0.0000000	90.0000000	0.0000000	228.7927968
364	1.0980000	10.0000000	2.2000000	0.0000000	90.0000000	0.0000000	228.8087983
365	1.0980000	0.8000000	2.4000000	0.0000000	90.0000000	0.0000000	412.2046545
366	1.0980000	0.9000000	2.4000000	0.0000000	90.0000000	0.0000000	192.3024307
367	1.0980000	1.0000000	2.4000000	0.0000000	90.0000000	0.0000000	102.8247880
368	1.0980000	1.1000000	2.4000000	0.0000000	90.0000000	0.0000000	81.3451387
369	1.0980000	1.2000000	2.4000000	0.0000000	90.0000000	0.0000000	93.5107276

370	1.0980000	1.3000000	2.4000000	0.0000000	90.0000000	0.0000000	120.1635023
371	1.0980000	1.4000000	2.4000000	0.0000000	90.0000000	0.0000000	150.6206786
372	1.0980000	1.5000000	2.4000000	0.0000000	90.0000000	0.0000000	179.1527186
373	1.0980000	1.6000000	2.4000000	0.0000000	90.0000000	0.0000000	203.1021197
374	1.0980000	1.7000000	2.4000000	0.0000000	90.0000000	0.0000000	221.6452129
375	1.0980000	1.8000000	2.4000000	0.0000000	90.0000000	0.0000000	234.8175781
376	1.0980000	2.0000000	2.4000000	0.0000000	90.0000000	0.0000000	248.7522417
377	1.0980000	2.2000000	2.4000000	0.0000000	90.0000000	0.0000000	252.7233726
378	1.0980000	2.4000000	2.4000000	0.0000000	90.0000000	0.0000000	251.7653539
379	1.0980000	2.6000000	2.4000000	0.0000000	90.0000000	0.0000000	248.9300151
380	1.0980000	2.8000000	2.4000000	0.0000000	90.0000000	0.0000000	245.6818378
381	1.0980000	3.0000000	2.4000000	0.0000000	90.0000000	0.0000000	242.5939892
382	1.0980000	3.2000000	2.4000000	0.0000000	90.0000000	0.0000000	239.8608090
383	1.0980000	3.4000000	2.4000000	0.0000000	90.0000000	0.0000000	237.5289210
384	1.0980000	3.6000000	2.4000000	0.0000000	90.0000000	0.0000000	235.5891010
385	1.0980000	3.8000000	2.4000000	0.0000000	90.0000000	0.0000000	234.0089694
386	1.0980000	4.0000000	2.4000000	0.0000000	90.0000000	0.0000000	232.7452280
387	1.0980000	4.4000000	2.4000000	0.0000000	90.0000000	0.0000000	230.9790399
388	1.0980000	4.8000000	2.4000000	0.0000000	90.0000000	0.0000000	229.9418294
389	1.0980000	5.2000000	2.4000000	0.0000000	90.0000000	0.0000000	229.3619480
390	1.0980000	5.6000000	2.4000000	0.0000000	90.0000000	0.0000000	229.0516445
391	1.0980000	6.0000000	2.4000000	0.0000000	90.0000000	0.0000000	228.8922571
392	1.0980000	7.0000000	2.4000000	0.0000000	90.0000000	0.0000000	228.7745991
393	1.0980000	8.0000000	2.4000000	0.0000000	90.0000000	0.0000000	228.7788034
394	1.0980000	9.0000000	2.4000000	0.0000000	90.0000000	0.0000000	228.7968756
395	1.0980000	10.0000000	2.4000000	0.0000000	90.0000000	0.0000000	228.8113711
396	1.0980000	0.8000000	2.6000000	0.0000000	90.0000000	0.0000000	372.8958923
397	1.0980000	0.9000000	2.6000000	0.0000000	90.0000000	0.0000000	152.3558051
398	1.0980000	1.0000000	2.6000000	0.0000000	90.0000000	0.0000000	62.8910263
399	1.0980000	1.1000000	2.6000000	0.0000000	90.0000000	0.0000000	41.9716175
400	1.0980000	1.2000000	2.6000000	0.0000000	90.0000000	0.0000000	55.1934304
401	1.0980000	1.3000000	2.6000000	0.0000000	90.0000000	0.0000000	83.3929531
402	1.0980000	1.4000000	2.6000000	0.0000000	90.0000000	0.0000000	115.9212245
403	1.0980000	1.5000000	2.6000000	0.0000000	90.0000000	0.0000000	147.0726146
404	1.0980000	1.6000000	2.6000000	0.0000000	90.0000000	0.0000000	174.0884034
405	1.0980000	1.7000000	2.6000000	0.0000000	90.0000000	0.0000000	195.9733611
406	1.0980000	1.8000000	2.6000000	0.0000000	90.0000000	0.0000000	212.6143476
407	1.0980000	2.0000000	2.6000000	0.0000000	90.0000000	0.0000000	231.9526835
408	1.0980000	2.2000000	2.6000000	0.0000000	90.0000000	0.0000000	239.1030912
409	1.0980000	2.4000000	2.6000000	0.0000000	90.0000000	0.0000000	240.5023747
410	1.0980000	2.6000000	2.6000000	0.0000000	90.0000000	0.0000000	239.6835375
411	1.0980000	2.8000000	2.6000000	0.0000000	90.0000000	0.0000000	238.1893747
412	1.0980000	3.0000000	2.6000000	0.0000000	90.0000000	0.0000000	236.6041602
413	1.0980000	3.2000000	2.6000000	0.0000000	90.0000000	0.0000000	235.1334036
414	1.0980000	3.4000000	2.6000000	0.0000000	90.0000000	0.0000000	233.8434323
415	1.0980000	3.6000000	2.6000000	0.0000000	90.0000000	0.0000000	232.7493696
416	1.0980000	3.8000000	2.6000000	0.0000000	90.0000000	0.0000000	231.8456932
417	1.0980000	4.0000000	2.6000000	0.0000000	90.0000000	0.0000000	231.1155859
418	1.0980000	4.4000000	2.6000000	0.0000000	90.0000000	0.0000000	230.0844623
419	1.0980000	4.8000000	2.6000000	0.0000000	90.0000000	0.0000000	229.4713228
420	1.0980000	5.2000000	2.6000000	0.0000000	90.0000000	0.0000000	229.1244356
421	1.0980000	5.6000000	2.6000000	0.0000000	90.0000000	0.0000000	228.9369985
422	1.0980000	6.0000000	2.6000000	0.0000000	90.0000000	0.0000000	228.8406131
423	1.0980000	7.0000000	2.6000000	0.0000000	90.0000000	0.0000000	228.7742853
424	1.0980000	8.0000000	2.6000000	0.0000000	90.0000000	0.0000000	228.7842627
425	1.0980000	9.0000000	2.6000000	0.0000000	90.0000000	0.0000000	228.8008289

426	1.0980000	10.0000000	2.6000000	0.0000000	90.0000000	0.0000000	228.8138811
427	1.0980000	0.8000000	2.8000000	0.0000000	90.0000000	0.0000000	350.6061909
428	1.0980000	0.9000000	2.8000000	0.0000000	90.0000000	0.0000000	132.1464232
429	1.0980000	1.0000000	2.8000000	0.0000000	90.0000000	0.0000000	42.0595944
430	1.0980000	1.1000000	2.8000000	0.0000000	90.0000000	0.0000000	21.1465861
431	1.0980000	1.2000000	2.8000000	0.0000000	90.0000000	0.0000000	34.6546688
432	1.0980000	1.3000000	2.8000000	0.0000000	90.0000000	0.0000000	63.4090354
433	1.0980000	1.4000000	2.8000000	0.0000000	90.0000000	0.0000000	96.7635485
434	1.0980000	1.5000000	2.8000000	0.0000000	90.0000000	0.0000000	129.0157785
435	1.0980000	1.6000000	2.8000000	0.0000000	90.0000000	0.0000000	157.3755671
436	1.0980000	1.7000000	2.8000000	0.0000000	90.0000000	0.0000000	180.7693712
437	1.0980000	1.8000000	2.8000000	0.0000000	90.0000000	0.0000000	199.0482831
438	1.0980000	2.0000000	2.8000000	0.0000000	90.0000000	0.0000000	221.5114906
439	1.0980000	2.2000000	2.8000000	0.0000000	90.0000000	0.0000000	230.7565250
440	1.0980000	2.4000000	2.8000000	0.0000000	90.0000000	0.0000000	233.6413743
441	1.0980000	2.6000000	2.8000000	0.0000000	90.0000000	0.0000000	234.0427294
442	1.0980000	2.8000000	2.8000000	0.0000000	90.0000000	0.0000000	233.5976369
443	1.0980000	3.0000000	2.8000000	0.0000000	90.0000000	0.0000000	232.9124593
444	1.0980000	3.2000000	2.8000000	0.0000000	90.0000000	0.0000000	232.2029343
445	1.0980000	3.4000000	2.8000000	0.0000000	90.0000000	0.0000000	231.5462457
446	1.0980000	3.6000000	2.8000000	0.0000000	90.0000000	0.0000000	230.9705685
447	1.0980000	3.8000000	2.8000000	0.0000000	90.0000000	0.0000000	230.4844369
448	1.0980000	4.0000000	2.8000000	0.0000000	90.0000000	0.0000000	230.0858429
449	1.0980000	4.4000000	2.8000000	0.0000000	90.0000000	0.0000000	229.5145583
450	1.0980000	4.8000000	2.8000000	0.0000000	90.0000000	0.0000000	229.1691143
451	1.0980000	5.2000000	2.8000000	0.0000000	90.0000000	0.0000000	228.9708841
452	1.0980000	5.6000000	2.8000000	0.0000000	90.0000000	0.0000000	228.8631407
453	1.0980000	6.0000000	2.8000000	0.0000000	90.0000000	0.0000000	228.8084845
454	1.0980000	7.0000000	2.8000000	0.0000000	90.0000000	0.0000000	228.7766071
455	1.0980000	8.0000000	2.8000000	0.0000000	90.0000000	0.0000000	228.7895965
456	1.0980000	9.0000000	2.8000000	0.0000000	90.0000000	0.0000000	228.8045940
457	1.0980000	10.0000000	2.8000000	0.0000000	90.0000000	0.0000000	228.8163284
458	1.0980000	0.8000000	3.0000000	0.0000000	90.0000000	0.0000000	341.0458331
459	1.0980000	0.9000000	3.0000000	0.0000000	90.0000000	0.0000000	122.0846853
460	1.0980000	1.0000000	3.0000000	0.0000000	90.0000000	0.0000000	31.4046089
461	1.0980000	1.1000000	3.0000000	0.0000000	90.0000000	0.0000000	10.3502228
462	1.0980000	1.2000000	3.0000000	0.0000000	90.0000000	0.0000000	23.8740560
463	1.0980000	1.3000000	3.0000000	0.0000000	90.0000000	0.0000000	52.7947127
464	1.0980000	1.4000000	3.0000000	0.0000000	90.0000000	0.0000000	86.4662435
465	1.0980000	1.5000000	3.0000000	0.0000000	90.0000000	0.0000000	119.1875995
466	1.0980000	1.6000000	3.0000000	0.0000000	90.0000000	0.0000000	148.1568254
467	1.0980000	1.7000000	3.0000000	0.0000000	90.0000000	0.0000000	172.2650491
468	1.0980000	1.8000000	3.0000000	0.0000000	90.0000000	0.0000000	191.3405841
469	1.0980000	2.0000000	3.0000000	0.0000000	90.0000000	0.0000000	215.4815011
470	1.0980000	2.2000000	3.0000000	0.0000000	90.0000000	0.0000000	225.9545715
471	1.0980000	2.4000000	3.0000000	0.0000000	90.0000000	0.0000000	229.6964105
472	1.0980000	2.6000000	3.0000000	0.0000000	90.0000000	0.0000000	230.7874612
473	1.0980000	2.8000000	3.0000000	0.0000000	90.0000000	0.0000000	230.9331061
474	1.0980000	3.0000000	3.0000000	0.0000000	90.0000000	0.0000000	230.7574035
475	1.0980000	3.2000000	3.0000000	0.0000000	90.0000000	0.0000000	230.4822406
476	1.0980000	3.4000000	3.0000000	0.0000000	90.0000000	0.0000000	230.1898840
477	1.0980000	3.6000000	3.0000000	0.0000000	90.0000000	0.0000000	229.9146583
478	1.0980000	3.8000000	3.0000000	0.0000000	90.0000000	0.0000000	229.6723141
479	1.0980000	4.0000000	3.0000000	0.0000000	90.0000000	0.0000000	229.4683735
480	1.0980000	4.4000000	3.0000000	0.0000000	90.0000000	0.0000000	229.1693025
481	1.0980000	4.8000000	3.0000000	0.0000000	90.0000000	0.0000000	228.9843755

482	1.0980000	5.2000000	3.0000000	0.0000000	90.0000000	0.0000000	228.8768831
483	1.0980000	5.6000000	3.0000000	0.0000000	90.0000000	0.0000000	228.8188384
484	1.0980000	6.0000000	3.0000000	0.0000000	90.0000000	0.0000000	228.7907888
485	1.0980000	7.0000000	3.0000000	0.0000000	90.0000000	0.0000000	228.7806231
486	1.0980000	8.0000000	3.0000000	0.0000000	90.0000000	0.0000000	228.7947421
487	1.0980000	9.0000000	3.0000000	0.0000000	90.0000000	0.0000000	228.8081708
488	1.0980000	10.0000000	3.0000000	0.0000000	90.0000000	0.0000000	228.8185874
489	1.0980000	0.8000000	3.5000000	0.0000000	90.0000000	0.0000000	333.6677022
490	1.0980000	0.9000000	3.5000000	0.0000000	90.0000000	0.0000000	114.0909049
491	1.0980000	1.0000000	3.5000000	0.0000000	90.0000000	0.0000000	22.7157991
492	1.0980000	1.1000000	3.5000000	0.0000000	90.0000000	0.0000000	1.3728840
493	1.0980000	1.2000000	3.5000000	0.0000000	90.0000000	0.0000000	14.7540215
494	1.0980000	1.3000000	3.5000000	0.0000000	90.0000000	0.0000000	43.6732350
495	1.0980000	1.4000000	3.5000000	0.0000000	90.0000000	0.0000000	77.4863947
496	1.0980000	1.5000000	3.5000000	0.0000000	90.0000000	0.0000000	110.4963424
497	1.0980000	1.6000000	3.5000000	0.0000000	90.0000000	0.0000000	139.8954750
498	1.0980000	1.7000000	3.5000000	0.0000000	90.0000000	0.0000000	164.5474356
499	1.0980000	1.8000000	3.5000000	0.0000000	90.0000000	0.0000000	184.2596418
500	1.0980000	2.0000000	3.5000000	0.0000000	90.0000000	0.0000000	209.8817948
501	1.0980000	2.2000000	3.5000000	0.0000000	90.0000000	0.0000000	221.5274294
502	1.0980000	2.4000000	3.5000000	0.0000000	90.0000000	0.0000000	226.0657662
503	1.0980000	2.6000000	3.5000000	0.0000000	90.0000000	0.0000000	227.7780513
504	1.0980000	2.8000000	3.5000000	0.0000000	90.0000000	0.0000000	228.4517455
505	1.0980000	3.0000000	3.5000000	0.0000000	90.0000000	0.0000000	228.7333090
506	1.0980000	3.2000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8514690
507	1.0980000	3.4000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8925081
508	1.0980000	3.6000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8955829
509	1.0980000	3.8000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8816522
510	1.0980000	4.0000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8624504
511	1.0980000	4.4000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8265568
512	1.0980000	4.8000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8015819
513	1.0980000	5.2000000	3.5000000	0.0000000	90.0000000	0.0000000	228.7877140
514	1.0980000	5.6000000	3.5000000	0.0000000	90.0000000	0.0000000	228.7825057
515	1.0980000	6.0000000	3.5000000	0.0000000	90.0000000	0.0000000	228.7828194
516	1.0980000	7.0000000	3.5000000	0.0000000	90.0000000	0.0000000	228.7935498
517	1.0980000	8.0000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8058490
518	1.0980000	9.0000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8158264
519	1.0980000	10.0000000	3.5000000	0.0000000	90.0000000	0.0000000	228.8234193
520	1.0980000	0.8000000	4.0000000	0.0000000	90.0000000	0.0000000	332.7199746
521	1.0980000	0.9000000	4.0000000	0.0000000	90.0000000	0.0000000	112.9867391
522	1.0980000	1.0000000	4.0000000	0.0000000	90.0000000	0.0000000	21.4316637
523	1.0980000	1.1000000	4.0000000	0.0000000	90.0000000	0.0000000	-0.0090173
524	1.0980000	1.2000000	4.0000000	0.0000000	90.0000000	0.0000000	13.3008351
525	1.0980000	1.3000000	4.0000000	0.0000000	90.0000000	0.0000000	42.1749306
526	1.0980000	1.4000000	4.0000000	0.0000000	90.0000000	0.0000000	75.9707083
527	1.0980000	1.5000000	4.0000000	0.0000000	90.0000000	0.0000000	108.9934571
528	1.0980000	1.6000000	4.0000000	0.0000000	90.0000000	0.0000000	138.4359507
529	1.0980000	1.7000000	4.0000000	0.0000000	90.0000000	0.0000000	163.1577531
530	1.0980000	1.8000000	4.0000000	0.0000000	90.0000000	0.0000000	182.9639602
531	1.0980000	2.0000000	4.0000000	0.0000000	90.0000000	0.0000000	208.8561306
532	1.0980000	2.2000000	4.0000000	0.0000000	90.0000000	0.0000000	220.7351359
533	1.0980000	2.4000000	4.0000000	0.0000000	90.0000000	0.0000000	225.4205609
534	1.0980000	2.6000000	4.0000000	0.0000000	90.0000000	0.0000000	227.2402756
535	1.0980000	2.8000000	4.0000000	0.0000000	90.0000000	0.0000000	228.0038919
536	1.0980000	3.0000000	4.0000000	0.0000000	90.0000000	0.0000000	228.3641451
537	1.0980000	3.2000000	4.0000000	0.0000000	90.0000000	0.0000000	228.5510801

538	1.0980000	3.4000000	4.0000000	0.0000000	90.0000000	0.0000000	228.6516699
539	1.0980000	3.6000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7056358
540	1.0980000	3.8000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7347522
541	1.0980000	4.0000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7512557
542	1.0980000	4.4000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7681357
543	1.0980000	4.8000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7765443
544	1.0980000	5.2000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7825684
545	1.0980000	5.6000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7882160
546	1.0980000	6.0000000	4.0000000	0.0000000	90.0000000	0.0000000	228.7935498
547	1.0980000	7.0000000	4.0000000	0.0000000	90.0000000	0.0000000	228.8050332
548	1.0980000	8.0000000	4.0000000	0.0000000	90.0000000	0.0000000	228.8143831
549	1.0980000	9.0000000	4.0000000	0.0000000	90.0000000	0.0000000	228.8216622
550	1.0980000	10.0000000	4.0000000	0.0000000	90.0000000	0.0000000	228.8270588
551	1.0980000	0.8000000	10.0000000	0.0000000	90.0000000	0.0000000	334.8007333
552	1.0980000	0.9000000	10.0000000	0.0000000	90.0000000	0.0000000	112.1835270
553	1.0980000	1.0000000	10.0000000	0.0000000	90.0000000	0.0000000	21.4713222
554	1.0980000	1.1000000	10.0000000	0.0000000	90.0000000	0.0000000	-0.0070093
555	1.0980000	1.2000000	10.0000000	0.0000000	90.0000000	0.0000000	13.2750445
556	1.0980000	1.3000000	10.0000000	0.0000000	90.0000000	0.0000000	42.1286204
557	1.0980000	1.4000000	10.0000000	0.0000000	90.0000000	0.0000000	75.9091496
558	1.0980000	1.5000000	10.0000000	0.0000000	90.0000000	0.0000000	108.9209171
559	1.0980000	1.6000000	10.0000000	0.0000000	90.0000000	0.0000000	138.3556922
560	1.0980000	1.7000000	10.0000000	0.0000000	90.0000000	0.0000000	163.0709059
561	1.0980000	1.8000000	10.0000000	0.0000000	90.0000000	0.0000000	182.8735988
562	1.0980000	2.0000000	10.0000000	0.0000000	90.0000000	0.0000000	208.7945091
563	1.0980000	2.2000000	10.0000000	0.0000000	90.0000000	0.0000000	220.7062077
564	1.0980000	2.4000000	10.0000000	0.0000000	90.0000000	0.0000000	225.4049987
565	1.0980000	2.6000000	10.0000000	0.0000000	90.0000000	0.0000000	227.2326200
566	1.0980000	2.8000000	10.0000000	0.0000000	90.0000000	0.0000000	228.0045194
567	1.0980000	3.0000000	10.0000000	0.0000000	90.0000000	0.0000000	228.3738088
568	1.0980000	3.2000000	10.0000000	0.0000000	90.0000000	0.0000000	228.5697800
569	1.0980000	3.4000000	10.0000000	0.0000000	90.0000000	0.0000000	228.6785901
570	1.0980000	3.6000000	10.0000000	0.0000000	90.0000000	0.0000000	228.7393330
571	1.0980000	3.8000000	10.0000000	0.0000000	90.0000000	0.0000000	228.7736578
572	1.0980000	4.0000000	10.0000000	0.0000000	90.0000000	0.0000000	228.7939891
573	1.0980000	4.4000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8150734
574	1.0980000	4.8000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8243605
575	1.0980000	5.2000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8289413
576	1.0980000	5.6000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8317652
577	1.0980000	6.0000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8335222
578	1.0980000	7.0000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8351538
579	1.0980000	8.0000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8355930
580	1.0980000	9.0000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8357813
581	1.0980000	10.0000000	10.0000000	0.0000000	90.0000000	0.0000000	228.8358440
582	0.8980000	1.1000000	1.0000000	0.0000000	90.0000000	0.0000000	1997.3784251
583	0.8980000	1.2000000	1.0000000	0.0000000	90.0000000	0.0000000	1699.5779909
584	0.8980000	1.3000000	1.0000000	0.0000000	90.0000000	0.0000000	1438.2898858
585	0.8980000	1.4000000	1.0000000	0.0000000	90.0000000	0.0000000	1220.8028833
586	0.8980000	1.5000000	1.0000000	0.0000000	90.0000000	0.0000000	1040.5515398
587	0.8980000	1.6000000	1.0000000	0.0000000	90.0000000	0.0000000	897.0435744
588	0.8980000	1.7000000	1.0000000	0.0000000	90.0000000	0.0000000	785.3775732
589	0.8980000	1.8000000	1.0000000	0.0000000	90.0000000	0.0000000	699.7312525
590	0.8980000	2.0000000	1.0000000	0.0000000	90.0000000	0.0000000	586.8342032
591	0.8980000	2.2000000	1.0000000	0.0000000	90.0000000	0.0000000	527.0780447
592	0.8980000	2.4000000	1.0000000	0.0000000	90.0000000	0.0000000	498.7122948
593	0.8980000	2.6000000	1.0000000	0.0000000	90.0000000	0.0000000	486.9504454

594	0.8980000	2.8000000	1.0000000	0.0000000	90.0000000	0.0000000	481.7601891
595	0.8980000	3.0000000	1.0000000	0.0000000	90.0000000	0.0000000	475.2604460
596	0.8980000	3.2000000	1.0000000	0.0000000	90.0000000	0.0000000	461.2402528
597	0.8980000	3.4000000	1.0000000	0.0000000	90.0000000	0.0000000	436.8419942
598	0.8980000	3.6000000	1.0000000	0.0000000	90.0000000	0.0000000	416.0988527
599	0.8980000	3.8000000	1.0000000	0.0000000	90.0000000	0.0000000	398.3094612
600	0.8980000	4.0000000	1.0000000	0.0000000	90.0000000	0.0000000	384.1586205
601	0.8980000	4.4000000	1.0000000	0.0000000	90.0000000	0.0000000	365.1496015
602	0.8980000	4.8000000	1.0000000	0.0000000	90.0000000	0.0000000	354.6826180
603	0.8980000	5.2000000	1.0000000	0.0000000	90.0000000	0.0000000	349.1491767
604	0.8980000	5.6000000	1.0000000	0.0000000	90.0000000	0.0000000	346.3243173
605	0.8980000	6.0000000	1.0000000	0.0000000	90.0000000	0.0000000	344.9322503
606	0.8980000	7.0000000	1.0000000	0.0000000	90.0000000	0.0000000	343.8858155
607	0.8980000	8.0000000	1.0000000	0.0000000	90.0000000	0.0000000	343.7715460
608	0.8980000	9.0000000	1.0000000	0.0000000	90.0000000	0.0000000	343.7883633
609	0.8980000	10.0000000	1.0000000	0.0000000	90.0000000	0.0000000	343.8124596
610	0.8980000	0.9000000	1.1000000	0.0000000	90.0000000	0.0000000	1948.2047119
611	0.8980000	1.0000000	1.1000000	0.0000000	90.0000000	0.0000000	1636.0730909
612	0.8980000	1.1000000	1.1000000	0.0000000	90.0000000	0.0000000	1406.9976826
613	0.8980000	1.2000000	1.1000000	0.0000000	90.0000000	0.0000000	1228.8973162
614	0.8980000	1.3000000	1.1000000	0.0000000	90.0000000	0.0000000	1083.0065091
615	0.8980000	1.4000000	1.1000000	0.0000000	90.0000000	0.0000000	949.4559895
616	0.8980000	1.5000000	1.1000000	0.0000000	90.0000000	0.0000000	840.1311634
617	0.8980000	1.6000000	1.1000000	0.0000000	90.0000000	0.0000000	747.9482647
618	0.8980000	1.7000000	1.1000000	0.0000000	90.0000000	0.0000000	674.5393826
619	0.8980000	1.8000000	1.1000000	0.0000000	90.0000000	0.0000000	617.8085101
620	0.8980000	2.0000000	1.1000000	0.0000000	90.0000000	0.0000000	543.0039215
621	0.8980000	2.2000000	1.1000000	0.0000000	90.0000000	0.0000000	503.6872527
622	0.8980000	2.4000000	1.1000000	0.0000000	90.0000000	0.0000000	485.4149298
623	0.8980000	2.6000000	1.1000000	0.0000000	90.0000000	0.0000000	477.8397609
624	0.8980000	2.8000000	1.1000000	0.0000000	90.0000000	0.0000000	473.1958142
625	0.8980000	3.0000000	1.1000000	0.0000000	90.0000000	0.0000000	465.2869987
626	0.8980000	3.2000000	1.1000000	0.0000000	90.0000000	0.0000000	445.9925883
627	0.8980000	3.4000000	1.1000000	0.0000000	90.0000000	0.0000000	427.1286495
628	0.8980000	3.6000000	1.1000000	0.0000000	90.0000000	0.0000000	408.4305615
629	0.8980000	3.8000000	1.1000000	0.0000000	90.0000000	0.0000000	392.5748403
630	0.8980000	4.0000000	1.1000000	0.0000000	90.0000000	0.0000000	379.9787171
631	0.8980000	4.4000000	1.1000000	0.0000000	90.0000000	0.0000000	363.0151280
632	0.8980000	4.8000000	1.1000000	0.0000000	90.0000000	0.0000000	353.6263940
633	0.8980000	5.2000000	1.1000000	0.0000000	90.0000000	0.0000000	348.6403921
634	0.8980000	5.6000000	1.1000000	0.0000000	90.0000000	0.0000000	346.0866794
635	0.8980000	6.0000000	1.1000000	0.0000000	90.0000000	0.0000000	344.8251344
636	0.8980000	7.0000000	1.1000000	0.0000000	90.0000000	0.0000000	343.8742694
637	0.8980000	8.0000000	1.1000000	0.0000000	90.0000000	0.0000000	343.7721108
638	0.8980000	9.0000000	1.1000000	0.0000000	90.0000000	0.0000000	343.7898066
639	0.8980000	10.0000000	1.1000000	0.0000000	90.0000000	0.0000000	343.8135264
640	0.8980000	0.8000000	1.2000000	0.0000000	90.0000000	0.0000000	1776.1984037
641	0.8980000	0.9000000	1.2000000	0.0000000	90.0000000	0.0000000	1399.2834577
642	0.8980000	1.0000000	1.2000000	0.0000000	90.0000000	0.0000000	1166.4203395
643	0.8980000	1.1000000	1.2000000	0.0000000	90.0000000	0.0000000	1010.9775204
644	0.8980000	1.2000000	1.2000000	0.0000000	90.0000000	0.0000000	900.6020552
645	0.8980000	1.3000000	1.2000000	0.0000000	90.0000000	0.0000000	817.0485412
646	0.8980000	1.4000000	1.2000000	0.0000000	90.0000000	0.0000000	742.5762188
647	0.8980000	1.5000000	1.2000000	0.0000000	90.0000000	0.0000000	684.4625664
648	0.8980000	1.6000000	1.2000000	0.0000000	90.0000000	0.0000000	634.1623482
649	0.8980000	1.7000000	1.2000000	0.0000000	90.0000000	0.0000000	591.4137673

650	0.8980000	1.8000000	1.2000000	0.0000000	90.0000000	0.0000000	557.0676011
651	0.8980000	2.0000000	1.2000000	0.0000000	90.0000000	0.0000000	510.9613425
652	0.8980000	2.2000000	1.2000000	0.0000000	90.0000000	0.0000000	486.6018640
653	0.8980000	2.4000000	1.2000000	0.0000000	90.0000000	0.0000000	475.1443567
654	0.8980000	2.6000000	1.2000000	0.0000000	90.0000000	0.0000000	469.6990805
655	0.8980000	2.8000000	1.2000000	0.0000000	90.0000000	0.0000000	464.5257669
656	0.8980000	3.0000000	1.2000000	0.0000000	90.0000000	0.0000000	449.2115237
657	0.8980000	3.2000000	1.2000000	0.0000000	90.0000000	0.0000000	435.4455346
658	0.8980000	3.4000000	1.2000000	0.0000000	90.0000000	0.0000000	417.7424255
659	0.8980000	3.6000000	1.2000000	0.0000000	90.0000000	0.0000000	401.0170390
660	0.8980000	3.8000000	1.2000000	0.0000000	90.0000000	0.0000000	387.0077645
661	0.8980000	4.0000000	1.2000000	0.0000000	90.0000000	0.0000000	375.9034823
662	0.8980000	4.4000000	1.2000000	0.0000000	90.0000000	0.0000000	360.9185561
663	0.8980000	4.8000000	1.2000000	0.0000000	90.0000000	0.0000000	352.5828458
664	0.8980000	5.2000000	1.2000000	0.0000000	90.0000000	0.0000000	348.1357489
665	0.8980000	5.6000000	1.2000000	0.0000000	90.0000000	0.0000000	345.8504849
666	0.8980000	6.0000000	1.2000000	0.0000000	90.0000000	0.0000000	344.7184578
667	0.8980000	7.0000000	1.2000000	0.0000000	90.0000000	0.0000000	343.8629741
668	0.8980000	8.0000000	1.2000000	0.0000000	90.0000000	0.0000000	343.7729266
669	0.8980000	9.0000000	1.2000000	0.0000000	90.0000000	0.0000000	343.7913126
670	0.8980000	10.0000000	1.2000000	0.0000000	90.0000000	0.0000000	343.8146559
671	0.8980000	0.8000000	1.3000000	0.0000000	90.0000000	0.0000000	1399.0308851
672	0.8980000	0.9000000	1.3000000	0.0000000	90.0000000	0.0000000	1074.5348174
673	0.8980000	1.0000000	1.3000000	0.0000000	90.0000000	0.0000000	873.4133874
674	0.8980000	1.1000000	1.3000000	0.0000000	90.0000000	0.0000000	757.0364216
675	0.8980000	1.2000000	1.3000000	0.0000000	90.0000000	0.0000000	683.4411692
676	0.8980000	1.3000000	1.3000000	0.0000000	90.0000000	0.0000000	629.8416318
677	0.8980000	1.4000000	1.3000000	0.0000000	90.0000000	0.0000000	593.8595483
678	0.8980000	1.5000000	1.3000000	0.0000000	90.0000000	0.0000000	566.7117942
679	0.8980000	1.6000000	1.3000000	0.0000000	90.0000000	0.0000000	544.6183151
680	0.8980000	1.7000000	1.3000000	0.0000000	90.0000000	0.0000000	525.8764269
681	0.8980000	1.8000000	1.3000000	0.0000000	90.0000000	0.0000000	509.9936601
682	0.8980000	2.0000000	1.3000000	0.0000000	90.0000000	0.0000000	486.8019139
683	0.8980000	2.2000000	1.3000000	0.0000000	90.0000000	0.0000000	473.4955128
684	0.8980000	2.4000000	1.3000000	0.0000000	90.0000000	0.0000000	466.5689377
685	0.8980000	2.6000000	1.3000000	0.0000000	90.0000000	0.0000000	462.0081989
686	0.8980000	2.8000000	1.3000000	0.0000000	90.0000000	0.0000000	440.3060975
687	0.8980000	3.0000000	1.3000000	0.0000000	90.0000000	0.0000000	431.9929147
688	0.8980000	3.2000000	1.3000000	0.0000000	90.0000000	0.0000000	420.0881815
689	0.8980000	3.4000000	1.3000000	0.0000000	90.0000000	0.0000000	406.3734600
690	0.8980000	3.6000000	1.3000000	0.0000000	90.0000000	0.0000000	393.3174978
691	0.8980000	3.8000000	1.3000000	0.0000000	90.0000000	0.0000000	381.6884295
692	0.8980000	4.0000000	1.3000000	0.0000000	90.0000000	0.0000000	371.9959809
693	0.8980000	4.4000000	1.3000000	0.0000000	90.0000000	0.0000000	358.8940223
694	0.8980000	4.8000000	1.3000000	0.0000000	90.0000000	0.0000000	351.5693553
695	0.8980000	5.2000000	1.3000000	0.0000000	90.0000000	0.0000000	347.6437815
696	0.8980000	5.6000000	1.3000000	0.0000000	90.0000000	0.0000000	345.6196869
697	0.8980000	6.0000000	1.3000000	0.0000000	90.0000000	0.0000000	344.6141657
698	0.8980000	7.0000000	1.3000000	0.0000000	90.0000000	0.0000000	343.8520554
699	0.8980000	8.0000000	1.3000000	0.0000000	90.0000000	0.0000000	343.7739306
700	0.8980000	9.0000000	1.3000000	0.0000000	90.0000000	0.0000000	343.7929441
701	0.8980000	10.0000000	1.3000000	0.0000000	90.0000000	0.0000000	343.8158482
702	0.8980000	0.8000000	1.4000000	0.0000000	90.0000000	0.0000000	1156.7760208
703	0.8980000	0.9000000	1.4000000	0.0000000	90.0000000	0.0000000	849.8785191
704	0.8980000	1.0000000	1.4000000	0.0000000	90.0000000	0.0000000	689.7559226
705	0.8980000	1.1000000	1.4000000	0.0000000	90.0000000	0.0000000	594.4648439

706	0.8980000	1.2000000	1.4000000	0.0000000	90.0000000	0.0000000	541.4453135
707	0.8980000	1.3000000	1.4000000	0.0000000	90.0000000	0.0000000	511.8718588
708	0.8980000	1.4000000	1.4000000	0.0000000	90.0000000	0.0000000	495.1090726
709	0.8980000	1.5000000	1.4000000	0.0000000	90.0000000	0.0000000	485.2392271
710	0.8980000	1.6000000	1.4000000	0.0000000	90.0000000	0.0000000	479.0430104
711	0.8980000	1.7000000	1.4000000	0.0000000	90.0000000	0.0000000	474.7834132
712	0.8980000	1.8000000	1.4000000	0.0000000	90.0000000	0.0000000	471.5369930
713	0.8980000	2.0000000	1.4000000	0.0000000	90.0000000	0.0000000	451.8804469
714	0.8980000	2.2000000	1.4000000	0.0000000	90.0000000	0.0000000	446.6232981
715	0.8980000	2.4000000	1.4000000	0.0000000	90.0000000	0.0000000	442.5013139
716	0.8980000	2.6000000	1.4000000	0.0000000	90.0000000	0.0000000	438.2793674
717	0.8980000	2.8000000	1.4000000	0.0000000	90.0000000	0.0000000	440.1792151
718	0.8980000	3.0000000	1.4000000	0.0000000	90.0000000	0.0000000	429.8718699
719	0.8980000	3.2000000	1.4000000	0.0000000	90.0000000	0.0000000	415.1243933
720	0.8980000	3.4000000	1.4000000	0.0000000	90.0000000	0.0000000	400.2844218
721	0.8980000	3.6000000	1.4000000	0.0000000	90.0000000	0.0000000	387.3011253
722	0.8980000	3.8000000	1.4000000	0.0000000	90.0000000	0.0000000	376.6796488
723	0.8980000	4.0000000	1.4000000	0.0000000	90.0000000	0.0000000	368.3068527
724	0.8980000	4.4000000	1.4000000	0.0000000	90.0000000	0.0000000	356.9700782
725	0.8980000	4.8000000	1.4000000	0.0000000	90.0000000	0.0000000	350.6008571
726	0.8980000	5.2000000	1.4000000	0.0000000	90.0000000	0.0000000	347.1718943
727	0.8980000	5.6000000	1.4000000	0.0000000	90.0000000	0.0000000	345.3977996
728	0.8980000	6.0000000	1.4000000	0.0000000	90.0000000	0.0000000	344.5137642
729	0.8980000	7.0000000	1.4000000	0.0000000	90.0000000	0.0000000	343.8417643
730	0.8980000	8.0000000	1.4000000	0.0000000	90.0000000	0.0000000	343.7751228
731	0.8980000	9.0000000	1.4000000	0.0000000	90.0000000	0.0000000	343.7947639
732	0.8980000	10.0000000	1.4000000	0.0000000	90.0000000	0.0000000	343.8171659
733	0.8980000	0.8000000	1.5000000	0.0000000	90.0000000	0.0000000	1035.9680851
734	0.8980000	0.9000000	1.5000000	0.0000000	90.0000000	0.0000000	738.0882710
735	0.8980000	1.0000000	1.5000000	0.0000000	90.0000000	0.0000000	576.9225028
736	0.8980000	1.1000000	1.5000000	0.0000000	90.0000000	0.0000000	491.8257548
737	0.8980000	1.2000000	1.5000000	0.0000000	90.0000000	0.0000000	449.0798094
738	0.8980000	1.3000000	1.5000000	0.0000000	90.0000000	0.0000000	429.5343326
739	0.8980000	1.4000000	1.5000000	0.0000000	90.0000000	0.0000000	422.1465381
740	0.8980000	1.5000000	1.5000000	0.0000000	90.0000000	0.0000000	420.8074329
741	0.8980000	1.6000000	1.5000000	0.0000000	90.0000000	0.0000000	422.7936886
742	0.8980000	1.7000000	1.5000000	0.0000000	90.0000000	0.0000000	425.9872726
743	0.8980000	1.8000000	1.5000000	0.0000000	90.0000000	0.0000000	429.2980753
744	0.8980000	2.0000000	1.5000000	0.0000000	90.0000000	0.0000000	434.2961255
745	0.8980000	2.2000000	1.5000000	0.0000000	90.0000000	0.0000000	436.1138949
746	0.8980000	2.4000000	1.5000000	0.0000000	90.0000000	0.0000000	434.8797721
747	0.8980000	2.6000000	1.5000000	0.0000000	90.0000000	0.0000000	430.9385733
748	0.8980000	2.8000000	1.5000000	0.0000000	90.0000000	0.0000000	424.0640187
749	0.8980000	3.0000000	1.5000000	0.0000000	90.0000000	0.0000000	414.1809328
750	0.8980000	3.2000000	1.5000000	0.0000000	90.0000000	0.0000000	402.6168744
751	0.8980000	3.4000000	1.5000000	0.0000000	90.0000000	0.0000000	391.2700599
752	0.8980000	3.6000000	1.5000000	0.0000000	90.0000000	0.0000000	381.1254907
753	0.8980000	3.8000000	1.5000000	0.0000000	90.0000000	0.0000000	372.0297409
754	0.8980000	4.0000000	1.5000000	0.0000000	90.0000000	0.0000000	364.8751289
755	0.8980000	4.4000000	1.5000000	0.0000000	90.0000000	0.0000000	355.1694399
756	0.8980000	4.8000000	1.5000000	0.0000000	90.0000000	0.0000000	349.6896506
757	0.8980000	5.2000000	1.5000000	0.0000000	90.0000000	0.0000000	346.7264254
758	0.8980000	5.6000000	1.5000000	0.0000000	90.0000000	0.0000000	345.1878976
759	0.8980000	6.0000000	1.5000000	0.0000000	90.0000000	0.0000000	344.4186966
760	0.8980000	7.0000000	1.5000000	0.0000000	90.0000000	0.0000000	343.8322889
761	0.8980000	8.0000000	1.5000000	0.0000000	90.0000000	0.0000000	343.7765661

762	0.8980000	9.0000000	1.5000000	0.0000000	90.0000000	0.0000000	343.7966464
763	0.8980000	10.0000000	1.5000000	0.0000000	90.0000000	0.0000000	343.8184837
764	0.8980000	0.8000000	1.6000000	0.0000000	90.0000000	0.0000000	975.1252686
765	0.8980000	0.9000000	1.6000000	0.0000000	90.0000000	0.0000000	680.9972081
766	0.8980000	1.0000000	1.6000000	0.0000000	90.0000000	0.0000000	523.6764415
767	0.8980000	1.1000000	1.6000000	0.0000000	90.0000000	0.0000000	442.6582540
768	0.8980000	1.2000000	1.6000000	0.0000000	90.0000000	0.0000000	404.2477089
769	0.8980000	1.3000000	1.6000000	0.0000000	90.0000000	0.0000000	389.2020397
770	0.8980000	1.4000000	1.6000000	0.0000000	90.0000000	0.0000000	386.1229762
771	0.8980000	1.5000000	1.6000000	0.0000000	90.0000000	0.0000000	389.4852347
772	0.8980000	1.6000000	1.6000000	0.0000000	90.0000000	0.0000000	395.8403996
773	0.8980000	1.7000000	1.6000000	0.0000000	90.0000000	0.0000000	403.0541858
774	0.8980000	1.8000000	1.6000000	0.0000000	90.0000000	0.0000000	410.0376760
775	0.8980000	2.0000000	1.6000000	0.0000000	90.0000000	0.0000000	421.1655525
776	0.8980000	2.2000000	1.6000000	0.0000000	90.0000000	0.0000000	427.1486671
777	0.8980000	2.4000000	1.6000000	0.0000000	90.0000000	0.0000000	427.6168519
778	0.8980000	2.6000000	1.6000000	0.0000000	90.0000000	0.0000000	423.4515695
779	0.8980000	2.8000000	1.6000000	0.0000000	90.0000000	0.0000000	415.5962176
780	0.8980000	3.0000000	1.6000000	0.0000000	90.0000000	0.0000000	405.3532550
781	0.8980000	3.2000000	1.6000000	0.0000000	90.0000000	0.0000000	394.5531894
782	0.8980000	3.4000000	1.6000000	0.0000000	90.0000000	0.0000000	385.0236423
783	0.8980000	3.6000000	1.6000000	0.0000000	90.0000000	0.0000000	375.4676143
784	0.8980000	3.8000000	1.6000000	0.0000000	90.0000000	0.0000000	367.7733441
785	0.8980000	4.0000000	1.6000000	0.0000000	90.0000000	0.0000000	361.7284826
786	0.8980000	4.4000000	1.6000000	0.0000000	90.0000000	0.0000000	353.5090497
787	0.8980000	4.8000000	1.6000000	0.0000000	90.0000000	0.0000000	348.8452111
788	0.8980000	5.2000000	1.6000000	0.0000000	90.0000000	0.0000000	346.3122691
789	0.8980000	5.6000000	1.6000000	0.0000000	90.0000000	0.0000000	344.9923657
790	0.8980000	6.0000000	1.6000000	0.0000000	90.0000000	0.0000000	344.3300922
791	0.8980000	7.0000000	1.6000000	0.0000000	90.0000000	0.0000000	343.8237548
792	0.8980000	8.0000000	1.6000000	0.0000000	90.0000000	0.0000000	343.7782604
793	0.8980000	9.0000000	1.6000000	0.0000000	90.0000000	0.0000000	343.7985917
794	0.8980000	10.0000000	1.6000000	0.0000000	90.0000000	0.0000000	343.8199270
795	0.8980000	0.8000000	1.7000000	0.0000000	90.0000000	0.0000000	949.7341017
796	0.8980000	0.9000000	1.7000000	0.0000000	90.0000000	0.0000000	657.1577467
797	0.8980000	1.0000000	1.7000000	0.0000000	90.0000000	0.0000000	500.8617657
798	0.8980000	1.1000000	1.7000000	0.0000000	90.0000000	0.0000000	420.7998400
799	0.8980000	1.2000000	1.7000000	0.0000000	90.0000000	0.0000000	383.5089600
800	0.8980000	1.3000000	1.7000000	0.0000000	90.0000000	0.0000000	369.8030235
801	0.8980000	1.4000000	1.7000000	0.0000000	90.0000000	0.0000000	367.9029248
802	0.8980000	1.5000000	1.7000000	0.0000000	90.0000000	0.0000000	373.1509121
803	0.8980000	1.6000000	1.7000000	0.0000000	90.0000000	0.0000000	381.1743109
804	0.8980000	1.7000000	1.7000000	0.0000000	90.0000000	0.0000000	389.9693583
805	0.8980000	1.8000000	1.7000000	0.0000000	90.0000000	0.0000000	398.4168908
806	0.8980000	2.0000000	1.7000000	0.0000000	90.0000000	0.0000000	412.0005256
807	0.8980000	2.2000000	1.7000000	0.0000000	90.0000000	0.0000000	419.6322331
808	0.8980000	2.4000000	1.7000000	0.0000000	90.0000000	0.0000000	420.4250286
809	0.8980000	2.6000000	1.7000000	0.0000000	90.0000000	0.0000000	415.3464688
810	0.8980000	2.8000000	1.7000000	0.0000000	90.0000000	0.0000000	406.6865244
811	0.8980000	3.0000000	1.7000000	0.0000000	90.0000000	0.0000000	396.7292041
812	0.8980000	3.2000000	1.7000000	0.0000000	90.0000000	0.0000000	388.0788604
813	0.8980000	3.4000000	1.7000000	0.0000000	90.0000000	0.0000000	378.3712261
814	0.8980000	3.6000000	1.7000000	0.0000000	90.0000000	0.0000000	370.3583695
815	0.8980000	3.8000000	1.7000000	0.0000000	90.0000000	0.0000000	363.9324214
816	0.8980000	4.0000000	1.7000000	0.0000000	90.0000000	0.0000000	358.8841704
817	0.8980000	4.4000000	1.7000000	0.0000000	90.0000000	0.0000000	352.0001405

818	0.8980000	4.8000000	1.7000000	0.0000000	90.0000000	0.0000000	348.0744412
819	0.8980000	5.2000000	1.7000000	0.0000000	90.0000000	0.0000000	345.9330024
820	0.8980000	5.6000000	1.7000000	0.0000000	90.0000000	0.0000000	344.8128980
821	0.8980000	6.0000000	1.7000000	0.0000000	90.0000000	0.0000000	344.2487042
822	0.8980000	7.0000000	1.7000000	0.0000000	90.0000000	0.0000000	343.8162247
823	0.8980000	8.0000000	1.7000000	0.0000000	90.0000000	0.0000000	343.7801429
824	0.8980000	9.0000000	1.7000000	0.0000000	90.0000000	0.0000000	343.8006625
825	0.8980000	10.0000000	1.7000000	0.0000000	90.0000000	0.0000000	343.8213703
826	0.8980000	0.8000000	1.8000000	0.0000000	90.0000000	0.0000000	873.1586814
827	0.8980000	0.9000000	1.8000000	0.0000000	90.0000000	0.0000000	641.5647010
828	0.8980000	1.0000000	1.8000000	0.0000000	90.0000000	0.0000000	495.4616075
829	0.8980000	1.1000000	1.8000000	0.0000000	90.0000000	0.0000000	415.1112156
830	0.8980000	1.2000000	1.8000000	0.0000000	90.0000000	0.0000000	377.3102331
831	0.8980000	1.3000000	1.8000000	0.0000000	90.0000000	0.0000000	362.1826740
832	0.8980000	1.4000000	1.8000000	0.0000000	90.0000000	0.0000000	360.8911967
833	0.8980000	1.5000000	1.8000000	0.0000000	90.0000000	0.0000000	366.0681499
834	0.8980000	1.6000000	1.8000000	0.0000000	90.0000000	0.0000000	374.1004594
835	0.8980000	1.7000000	1.8000000	0.0000000	90.0000000	0.0000000	382.9684233
836	0.8980000	1.8000000	1.8000000	0.0000000	90.0000000	0.0000000	391.5157926
837	0.8980000	2.0000000	1.8000000	0.0000000	90.0000000	0.0000000	405.3061291
838	0.8980000	2.2000000	1.8000000	0.0000000	90.0000000	0.0000000	412.8804194
839	0.8980000	2.4000000	1.8000000	0.0000000	90.0000000	0.0000000	412.5979774
840	0.8980000	2.6000000	1.8000000	0.0000000	90.0000000	0.0000000	406.3568936
841	0.8980000	2.8000000	1.8000000	0.0000000	90.0000000	0.0000000	397.6185104
842	0.8980000	3.0000000	1.8000000	0.0000000	90.0000000	0.0000000	390.0255831
843	0.8980000	3.2000000	1.8000000	0.0000000	90.0000000	0.0000000	380.4983577
844	0.8980000	3.4000000	1.8000000	0.0000000	90.0000000	0.0000000	372.4290252
845	0.8980000	3.6000000	1.8000000	0.0000000	90.0000000	0.0000000	365.8133183
846	0.8980000	3.8000000	1.8000000	0.0000000	90.0000000	0.0000000	360.5157578
847	0.8980000	4.0000000	1.8000000	0.0000000	90.0000000	0.0000000	356.3494714
848	0.8980000	4.4000000	1.8000000	0.0000000	90.0000000	0.0000000	350.6487361
849	0.8980000	4.8000000	1.8000000	0.0000000	90.0000000	0.0000000	347.3811688
850	0.8980000	5.2000000	1.8000000	0.0000000	90.0000000	0.0000000	345.5909469
851	0.8980000	5.6000000	1.8000000	0.0000000	90.0000000	0.0000000	344.6506867
852	0.8980000	6.0000000	1.8000000	0.0000000	90.0000000	0.0000000	344.1750346
853	0.8980000	7.0000000	1.8000000	0.0000000	90.0000000	0.0000000	343.8097613
854	0.8980000	8.0000000	1.8000000	0.0000000	90.0000000	0.0000000	343.7822764
855	0.8980000	9.0000000	1.8000000	0.0000000	90.0000000	0.0000000	343.8027960
856	0.8980000	10.0000000	1.8000000	0.0000000	90.0000000	0.0000000	343.8228763
857	0.8980000	0.8000000	1.9000000	0.0000000	90.0000000	0.0000000	765.1172376
858	0.8980000	0.9000000	1.9000000	0.0000000	90.0000000	0.0000000	542.5476593
859	0.8980000	1.0000000	1.9000000	0.0000000	90.0000000	0.0000000	436.7494365
860	0.8980000	1.1000000	1.9000000	0.0000000	90.0000000	0.0000000	402.9269897
861	0.8980000	1.2000000	1.9000000	0.0000000	90.0000000	0.0000000	374.4410715
862	0.8980000	1.3000000	1.9000000	0.0000000	90.0000000	0.0000000	360.9811189
863	0.8980000	1.4000000	1.9000000	0.0000000	90.0000000	0.0000000	359.0512134
864	0.8980000	1.5000000	1.9000000	0.0000000	90.0000000	0.0000000	363.3905042
865	0.8980000	1.6000000	1.9000000	0.0000000	90.0000000	0.0000000	370.6196644
866	0.8980000	1.7000000	1.9000000	0.0000000	90.0000000	0.0000000	378.7713889
867	0.8980000	1.8000000	1.9000000	0.0000000	90.0000000	0.0000000	386.7024812
868	0.8980000	2.0000000	1.9000000	0.0000000	90.0000000	0.0000000	399.5675549
869	0.8980000	2.2000000	1.9000000	0.0000000	90.0000000	0.0000000	405.6510710
870	0.8980000	2.4000000	1.9000000	0.0000000	90.0000000	0.0000000	403.5705005
871	0.8980000	2.6000000	1.9000000	0.0000000	90.0000000	0.0000000	396.8833831
872	0.8980000	2.8000000	1.9000000	0.0000000	90.0000000	0.0000000	390.6026408
873	0.8980000	3.0000000	1.9000000	0.0000000	90.0000000	0.0000000	381.6226665

874	0.8980000	3.2000000	1.9000000	0.0000000	90.0000000	0.0000000	373.7902187
875	0.8980000	3.4000000	1.9000000	0.0000000	90.0000000	0.0000000	367.2117859
876	0.8980000	3.6000000	1.9000000	0.0000000	90.0000000	0.0000000	361.8314569
877	0.8980000	3.8000000	1.9000000	0.0000000	90.0000000	0.0000000	357.5203414
878	0.8980000	4.0000000	1.9000000	0.0000000	90.0000000	0.0000000	354.1226913
879	0.8980000	4.4000000	1.9000000	0.0000000	90.0000000	0.0000000	349.4557779
880	0.8980000	4.8000000	1.9000000	0.0000000	90.0000000	0.0000000	346.7668369
881	0.8980000	5.2000000	1.9000000	0.0000000	90.0000000	0.0000000	345.2869186
882	0.8980000	5.6000000	1.9000000	0.0000000	90.0000000	0.0000000	344.5061713
883	0.8980000	6.0000000	1.9000000	0.0000000	90.0000000	0.0000000	344.1093971
884	0.8980000	7.0000000	1.9000000	0.0000000	90.0000000	0.0000000	343.8044275
885	0.8980000	8.0000000	1.9000000	0.0000000	90.0000000	0.0000000	343.7845982
886	0.8980000	9.0000000	1.9000000	0.0000000	90.0000000	0.0000000	343.8050550
887	0.8980000	10.0000000	1.9000000	0.0000000	90.0000000	0.0000000	343.8243823
888	0.8980000	0.8000000	2.0000000	0.0000000	90.0000000	0.0000000	677.5408232
889	0.8980000	0.9000000	2.0000000	0.0000000	90.0000000	0.0000000	457.0622947
890	0.8980000	1.0000000	2.0000000	0.0000000	90.0000000	0.0000000	360.3687951
891	0.8980000	1.1000000	2.0000000	0.0000000	90.0000000	0.0000000	331.3114042
892	0.8980000	1.2000000	2.0000000	0.0000000	90.0000000	0.0000000	335.8720175
893	0.8980000	1.3000000	2.0000000	0.0000000	90.0000000	0.0000000	348.2759345
894	0.8980000	1.4000000	2.0000000	0.0000000	90.0000000	0.0000000	354.9077684
895	0.8980000	1.5000000	2.0000000	0.0000000	90.0000000	0.0000000	359.9306052
896	0.8980000	1.6000000	2.0000000	0.0000000	90.0000000	0.0000000	366.9645472
897	0.8980000	1.7000000	2.0000000	0.0000000	90.0000000	0.0000000	374.5916739
898	0.8980000	1.8000000	2.0000000	0.0000000	90.0000000	0.0000000	391.5895877
899	0.8980000	2.0000000	2.0000000	0.0000000	90.0000000	0.0000000	393.1674603
900	0.8980000	2.2000000	2.0000000	0.0000000	90.0000000	0.0000000	396.8953058
901	0.8980000	2.4000000	2.0000000	0.0000000	90.0000000	0.0000000	393.8159913
902	0.8980000	2.6000000	2.0000000	0.0000000	90.0000000	0.0000000	389.4708020
903	0.8980000	2.8000000	2.0000000	0.0000000	90.0000000	0.0000000	381.5230180
904	0.8980000	3.0000000	2.0000000	0.0000000	90.0000000	0.0000000	374.2619176
905	0.8980000	3.2000000	2.0000000	0.0000000	90.0000000	0.0000000	367.9762807
906	0.8980000	3.4000000	2.0000000	0.0000000	90.0000000	0.0000000	362.7080877
907	0.8980000	3.6000000	2.0000000	0.0000000	90.0000000	0.0000000	358.3955288
908	0.8980000	3.8000000	2.0000000	0.0000000	90.0000000	0.0000000	354.9318648
909	0.8980000	4.0000000	2.0000000	0.0000000	90.0000000	0.0000000	352.1941664
910	0.8980000	4.4000000	2.0000000	0.0000000	90.0000000	0.0000000	348.4177517
911	0.8980000	4.8000000	2.0000000	0.0000000	90.0000000	0.0000000	346.2302536
912	0.8980000	5.2000000	2.0000000	0.0000000	90.0000000	0.0000000	345.0205409
913	0.8980000	5.6000000	2.0000000	0.0000000	90.0000000	0.0000000	344.3792262
914	0.8980000	6.0000000	2.0000000	0.0000000	90.0000000	0.0000000	344.0517918
915	0.8980000	7.0000000	2.0000000	0.0000000	90.0000000	0.0000000	343.8001604
916	0.8980000	8.0000000	2.0000000	0.0000000	90.0000000	0.0000000	343.7871083
917	0.8980000	9.0000000	2.0000000	0.0000000	90.0000000	0.0000000	343.8073141
918	0.8980000	10.0000000	2.0000000	0.0000000	90.0000000	0.0000000	343.8260138
919	0.8980000	0.8000000	2.2000000	0.0000000	90.0000000	0.0000000	567.2259127
920	0.8980000	0.9000000	2.2000000	0.0000000	90.0000000	0.0000000	347.7677774
921	0.8980000	1.0000000	2.2000000	0.0000000	90.0000000	0.0000000	254.4509062
922	0.8980000	1.1000000	2.2000000	0.0000000	90.0000000	0.0000000	232.3859788
923	0.8980000	1.2000000	2.2000000	0.0000000	90.0000000	0.0000000	243.5191264
924	0.8980000	1.3000000	2.2000000	0.0000000	90.0000000	0.0000000	268.6307378
925	0.8980000	1.4000000	2.2000000	0.0000000	90.0000000	0.0000000	296.8987846
926	0.8980000	1.5000000	2.2000000	0.0000000	90.0000000	0.0000000	322.5014221
927	0.8980000	1.6000000	2.2000000	0.0000000	90.0000000	0.0000000	342.9462456
928	0.8980000	1.7000000	2.2000000	0.0000000	90.0000000	0.0000000	357.5938227
929	0.8980000	1.8000000	2.2000000	0.0000000	90.0000000	0.0000000	367.3175840

930	0.8980000	2.0000000	2.2000000	0.0000000	90.0000000	0.0000000	377.2978712
931	0.8980000	2.2000000	2.2000000	0.0000000	90.0000000	0.0000000	379.0959996
932	0.8980000	2.4000000	2.2000000	0.0000000	90.0000000	0.0000000	376.3122421
933	0.8980000	2.6000000	2.2000000	0.0000000	90.0000000	0.0000000	371.8104264
934	0.8980000	2.8000000	2.2000000	0.0000000	90.0000000	0.0000000	367.0801344
935	0.8980000	3.0000000	2.2000000	0.0000000	90.0000000	0.0000000	362.7137353
936	0.8980000	3.2000000	2.2000000	0.0000000	90.0000000	0.0000000	358.9045017
937	0.8980000	3.4000000	2.2000000	0.0000000	90.0000000	0.0000000	355.6857547
938	0.8980000	3.6000000	2.2000000	0.0000000	90.0000000	0.0000000	353.0281266
939	0.8980000	3.8000000	2.2000000	0.0000000	90.0000000	0.0000000	350.8757690
940	0.8980000	4.0000000	2.2000000	0.0000000	90.0000000	0.0000000	349.1616013
941	0.8980000	4.4000000	2.2000000	0.0000000	90.0000000	0.0000000	346.7746808
942	0.8980000	4.8000000	2.2000000	0.0000000	90.0000000	0.0000000	345.3762133
943	0.8980000	5.2000000	2.2000000	0.0000000	90.0000000	0.0000000	344.5944619
944	0.8980000	5.6000000	2.2000000	0.0000000	90.0000000	0.0000000	344.1754739
945	0.8980000	6.0000000	2.2000000	0.0000000	90.0000000	0.0000000	343.9593596
946	0.8980000	7.0000000	2.2000000	0.0000000	90.0000000	0.0000000	343.7948266
947	0.8980000	8.0000000	2.2000000	0.0000000	90.0000000	0.0000000	343.7925676
948	0.8980000	9.0000000	2.2000000	0.0000000	90.0000000	0.0000000	343.8119576
949	0.8980000	10.0000000	2.2000000	0.0000000	90.0000000	0.0000000	343.8291514
950	0.8980000	0.8000000	2.4000000	0.0000000	90.0000000	0.0000000	506.5611832
951	0.8980000	0.9000000	2.4000000	0.0000000	90.0000000	0.0000000	286.5855409
952	0.8980000	1.0000000	2.4000000	0.0000000	90.0000000	0.0000000	197.3642986
953	0.8980000	1.1000000	2.4000000	0.0000000	90.0000000	0.0000000	176.4185971
954	0.8980000	1.2000000	2.4000000	0.0000000	90.0000000	0.0000000	189.3657490
955	0.8980000	1.3000000	2.4000000	0.0000000	90.0000000	0.0000000	217.0389168
956	0.8980000	1.4000000	2.4000000	0.0000000	90.0000000	0.0000000	248.7653566
957	0.8980000	1.5000000	2.4000000	0.0000000	90.0000000	0.0000000	278.8167853
958	0.8980000	1.6000000	2.4000000	0.0000000	90.0000000	0.0000000	304.4695609
959	0.8980000	1.7000000	2.4000000	0.0000000	90.0000000	0.0000000	324.8073311
960	0.8980000	1.8000000	2.4000000	0.0000000	90.0000000	0.0000000	339.7467630
961	0.8980000	2.0000000	2.4000000	0.0000000	90.0000000	0.0000000	356.1632893
962	0.8980000	2.2000000	2.4000000	0.0000000	90.0000000	0.0000000	361.5182670
963	0.8980000	2.4000000	2.4000000	0.0000000	90.0000000	0.0000000	361.6208648
964	0.8980000	2.6000000	2.4000000	0.0000000	90.0000000	0.0000000	359.7191345
965	0.8980000	2.8000000	2.4000000	0.0000000	90.0000000	0.0000000	357.2915514
966	0.8980000	3.0000000	2.4000000	0.0000000	90.0000000	0.0000000	354.9070154
967	0.8980000	3.2000000	2.4000000	0.0000000	90.0000000	0.0000000	352.7623135
968	0.8980000	3.4000000	2.4000000	0.0000000	90.0000000	0.0000000	350.9131686
969	0.8980000	3.6000000	2.4000000	0.0000000	90.0000000	0.0000000	349.3625927
970	0.8980000	3.8000000	2.4000000	0.0000000	90.0000000	0.0000000	348.0915094
971	0.8980000	4.0000000	2.4000000	0.0000000	90.0000000	0.0000000	347.0694221
972	0.8980000	4.4000000	2.4000000	0.0000000	90.0000000	0.0000000	345.6307939
973	0.8980000	4.8000000	2.4000000	0.0000000	90.0000000	0.0000000	344.7768789
974	0.8980000	5.2000000	2.4000000	0.0000000	90.0000000	0.0000000	344.2932574
975	0.8980000	5.6000000	2.4000000	0.0000000	90.0000000	0.0000000	344.0307702
976	0.8980000	6.0000000	2.4000000	0.0000000	90.0000000	0.0000000	343.8942241
977	0.8980000	7.0000000	2.4000000	0.0000000	90.0000000	0.0000000	343.7932578
978	0.8980000	8.0000000	2.4000000	0.0000000	90.0000000	0.0000000	343.7985289
979	0.8980000	9.0000000	2.4000000	0.0000000	90.0000000	0.0000000	343.8167267
980	0.8980000	10.0000000	2.4000000	0.0000000	90.0000000	0.0000000	343.8323517
981	0.8980000	0.8000000	2.6000000	0.0000000	90.0000000	0.0000000	477.4633180
982	0.8980000	0.9000000	2.6000000	0.0000000	90.0000000	0.0000000	256.7291421
983	0.8980000	1.0000000	2.6000000	0.0000000	90.0000000	0.0000000	167.2514367
984	0.8980000	1.1000000	2.6000000	0.0000000	90.0000000	0.0000000	146.4732175
985	0.8980000	1.2000000	2.6000000	0.0000000	90.0000000	0.0000000	159.9736445

986	0.8980000	1.3000000	2.6000000	0.0000000	90.0000000	0.0000000	188.5802954
987	0.8980000	1.4000000	2.6000000	0.0000000	90.0000000	0.0000000	221.6404438
988	0.8980000	1.5000000	2.6000000	0.0000000	90.0000000	0.0000000	253.4427495
989	0.8980000	1.6000000	2.6000000	0.0000000	90.0000000	0.0000000	281.2056511
990	0.8980000	1.7000000	2.6000000	0.0000000	90.0000000	0.0000000	303.8936955
991	0.8980000	1.8000000	2.6000000	0.0000000	90.0000000	0.0000000	321.3672616
992	0.8980000	2.0000000	2.6000000	0.0000000	90.0000000	0.0000000	342.1709576
993	0.8980000	2.2000000	2.6000000	0.0000000	90.0000000	0.0000000	350.2630688
994	0.8980000	2.4000000	2.6000000	0.0000000	90.0000000	0.0000000	352.3459610
995	0.8980000	2.6000000	2.6000000	0.0000000	90.0000000	0.0000000	352.1024246
996	0.8980000	2.8000000	2.6000000	0.0000000	90.0000000	0.0000000	351.1073200
997	0.8980000	3.0000000	2.6000000	0.0000000	90.0000000	0.0000000	349.9500043
998	0.8980000	3.2000000	2.6000000	0.0000000	90.0000000	0.0000000	348.8393125
999	0.8980000	3.4000000	2.6000000	0.0000000	90.0000000	0.0000000	347.8464671
1000	0.8980000	3.6000000	2.6000000	0.0000000	90.0000000	0.0000000	346.9934934
1001	0.8980000	3.8000000	2.6000000	0.0000000	90.0000000	0.0000000	346.2820232
1002	0.8980000	4.0000000	2.6000000	0.0000000	90.0000000	0.0000000	345.7027064
1003	0.8980000	4.4000000	2.6000000	0.0000000	90.0000000	0.0000000	344.8764647
1004	0.8980000	4.8000000	2.6000000	0.0000000	90.0000000	0.0000000	344.3779711
1005	0.8980000	5.2000000	2.6000000	0.0000000	90.0000000	0.0000000	344.0911993
1006	0.8980000	5.6000000	2.6000000	0.0000000	90.0000000	0.0000000	343.9335690
1007	0.8980000	6.0000000	2.6000000	0.0000000	90.0000000	0.0000000	343.8513652
1008	0.8980000	7.0000000	2.6000000	0.0000000	90.0000000	0.0000000	343.7947639
1009	0.8980000	8.0000000	2.6000000	0.0000000	90.0000000	0.0000000	343.8046785
1010	0.8980000	9.0000000	2.6000000	0.0000000	90.0000000	0.0000000	343.8213703
1011	0.8980000	10.0000000	2.6000000	0.0000000	90.0000000	0.0000000	343.8354892
1012	0.8980000	0.8000000	2.8000000	0.0000000	90.0000000	0.0000000	462.8776132
1013	0.8980000	0.9000000	2.8000000	0.0000000	90.0000000	0.0000000	241.4959731
1014	0.8980000	1.0000000	2.8000000	0.0000000	90.0000000	0.0000000	151.6554418
1015	0.8980000	1.1000000	2.8000000	0.0000000	90.0000000	0.0000000	130.7547955
1016	0.8980000	1.2000000	2.8000000	0.0000000	90.0000000	0.0000000	144.3508549
1017	0.8980000	1.3000000	2.8000000	0.0000000	90.0000000	0.0000000	173.2641698
1018	0.8980000	1.4000000	2.8000000	0.0000000	90.0000000	0.0000000	206.8463432
1019	0.8980000	1.5000000	2.8000000	0.0000000	90.0000000	0.0000000	239.3911181
1020	0.8980000	1.6000000	2.8000000	0.0000000	90.0000000	0.0000000	268.0985470
1021	0.8980000	1.7000000	2.8000000	0.0000000	90.0000000	0.0000000	291.8776421
1022	0.8980000	1.8000000	2.8000000	0.0000000	90.0000000	0.0000000	310.5631171
1023	0.8980000	2.0000000	2.8000000	0.0000000	90.0000000	0.0000000	333.8001067
1024	0.8980000	2.2000000	2.8000000	0.0000000	90.0000000	0.0000000	343.5825401
1025	0.8980000	2.4000000	2.8000000	0.0000000	90.0000000	0.0000000	346.8529313
1026	0.8980000	2.6000000	2.8000000	0.0000000	90.0000000	0.0000000	347.5755711
1027	0.8980000	2.8000000	2.8000000	0.0000000	90.0000000	0.0000000	347.4100969
1028	0.8980000	3.0000000	2.8000000	0.0000000	90.0000000	0.0000000	346.9667615
1029	0.8980000	3.2000000	2.8000000	0.0000000	90.0000000	0.0000000	346.4625576
1030	0.8980000	3.4000000	2.8000000	0.0000000	90.0000000	0.0000000	345.9765515
1031	0.8980000	3.6000000	2.8000000	0.0000000	90.0000000	0.0000000	345.5402442
1032	0.8980000	3.8000000	2.8000000	0.0000000	90.0000000	0.0000000	345.1658093
1033	0.8980000	4.0000000	2.8000000	0.0000000	90.0000000	0.0000000	344.8551294
1034	0.8980000	4.4000000	2.8000000	0.0000000	90.0000000	0.0000000	344.4036364
1035	0.8980000	4.8000000	2.8000000	0.0000000	90.0000000	0.0000000	344.1254613
1036	0.8980000	5.2000000	2.8000000	0.0000000	90.0000000	0.0000000	343.9624971
1037	0.8980000	5.6000000	2.8000000	0.0000000	90.0000000	0.0000000	343.8721985
1038	0.8980000	6.0000000	2.8000000	0.0000000	90.0000000	0.0000000	343.8257628
1039	0.8980000	7.0000000	2.8000000	0.0000000	90.0000000	0.0000000	343.7985917
1040	0.8980000	8.0000000	2.8000000	0.0000000	90.0000000	0.0000000	343.8107654
1041	0.8980000	9.0000000	2.8000000	0.0000000	90.0000000	0.0000000	343.8258883

1042	0.8980000	10.0000000	2.8000000	0.0000000	90.0000000	0.0000000	343.8385012
1043	0.8980000	0.8000000	3.0000000	0.0000000	90.0000000	0.0000000	455.2762145
1044	0.8980000	0.9000000	3.0000000	0.0000000	90.0000000	0.0000000	236.2099588
1045	0.8980000	1.0000000	3.0000000	0.0000000	90.0000000	0.0000000	143.7229690
1046	0.8980000	1.1000000	3.0000000	0.0000000	90.0000000	0.0000000	122.6515773
1047	0.8980000	1.2000000	3.0000000	0.0000000	90.0000000	0.0000000	136.1989421
1048	0.8980000	1.3000000	3.0000000	0.0000000	90.0000000	0.0000000	165.1819105
1049	0.8980000	1.4000000	3.0000000	0.0000000	90.0000000	0.0000000	198.9537174
1050	0.8980000	1.5000000	3.0000000	0.0000000	90.0000000	0.0000000	231.8113684
1051	0.8980000	1.6000000	3.0000000	0.0000000	90.0000000	0.0000000	260.9482648
1052	0.8980000	1.7000000	3.0000000	0.0000000	90.0000000	0.0000000	285.2475025
1053	0.8980000	1.8000000	3.0000000	0.0000000	90.0000000	0.0000000	304.5272290
1054	0.8980000	2.0000000	3.0000000	0.0000000	90.0000000	0.0000000	329.0622220
1055	0.8980000	2.2000000	3.0000000	0.0000000	90.0000000	0.0000000	339.8151615
1056	0.8980000	2.4000000	3.0000000	0.0000000	90.0000000	0.0000000	343.7558583
1057	0.8980000	2.6000000	3.0000000	0.0000000	90.0000000	0.0000000	345.0128852
1058	0.8980000	2.8000000	3.0000000	0.0000000	90.0000000	0.0000000	345.3047399
1059	0.8980000	3.0000000	3.0000000	0.0000000	90.0000000	0.0000000	345.2568609
1060	0.8980000	3.2000000	3.0000000	0.0000000	90.0000000	0.0000000	345.0913867
1061	0.8980000	3.4000000	3.0000000	0.0000000	90.0000000	0.0000000	344.8908974
1062	0.8980000	3.6000000	3.0000000	0.0000000	90.0000000	0.0000000	344.6912239
1063	0.8980000	3.8000000	3.0000000	0.0000000	90.0000000	0.0000000	344.5098109
1064	0.8980000	4.0000000	3.0000000	0.0000000	90.0000000	0.0000000	344.3540003
1065	0.8980000	4.4000000	3.0000000	0.0000000	90.0000000	0.0000000	344.1208805
1066	0.8980000	4.8000000	3.0000000	0.0000000	90.0000000	0.0000000	343.9730393
1067	0.8980000	5.2000000	3.0000000	0.0000000	90.0000000	0.0000000	343.8850625
1068	0.8980000	5.6000000	3.0000000	0.0000000	90.0000000	0.0000000	343.8365560
1069	0.8980000	6.0000000	3.0000000	0.0000000	90.0000000	0.0000000	343.8126479
1070	0.8980000	7.0000000	3.0000000	0.0000000	90.0000000	0.0000000	343.8038000
1071	0.8980000	8.0000000	3.0000000	0.0000000	90.0000000	0.0000000	343.8166639
1072	0.8980000	9.0000000	3.0000000	0.0000000	90.0000000	0.0000000	343.8301554
1073	0.8980000	10.0000000	3.0000000	0.0000000	90.0000000	0.0000000	343.8413250
1074	0.8980000	0.8000000	3.5000000	0.0000000	90.0000000	0.0000000	450.2757170
1075	0.8980000	0.9000000	3.5000000	0.0000000	90.0000000	0.0000000	227.8802098
1076	0.8980000	1.0000000	3.5000000	0.0000000	90.0000000	0.0000000	137.3366795
1077	0.8980000	1.1000000	3.5000000	0.0000000	90.0000000	0.0000000	115.9911290
1078	0.8980000	1.2000000	3.5000000	0.0000000	90.0000000	0.0000000	129.3771611
1079	0.8980000	1.3000000	3.5000000	0.0000000	90.0000000	0.0000000	158.3091757
1080	0.8980000	1.4000000	3.5000000	0.0000000	90.0000000	0.0000000	192.1432315
1081	0.8980000	1.5000000	3.5000000	0.0000000	90.0000000	0.0000000	225.1818563
1082	0.8980000	1.6000000	3.5000000	0.0000000	90.0000000	0.0000000	254.6161294
1083	0.8980000	1.7000000	3.5000000	0.0000000	90.0000000	0.0000000	279.3087528
1084	0.8980000	1.8000000	3.5000000	0.0000000	90.0000000	0.0000000	299.0628765
1085	0.8980000	2.0000000	3.5000000	0.0000000	90.0000000	0.0000000	324.7402504
1086	0.8980000	2.2000000	3.5000000	0.0000000	90.0000000	0.0000000	336.4062791
1087	0.8980000	2.4000000	3.5000000	0.0000000	90.0000000	0.0000000	340.9577935
1088	0.8980000	2.6000000	3.5000000	0.0000000	90.0000000	0.0000000	342.6861429
1089	0.8980000	2.8000000	3.5000000	0.0000000	90.0000000	0.0000000	343.3779093
1090	0.8980000	3.0000000	3.5000000	0.0000000	90.0000000	0.0000000	343.6776078
1091	0.8980000	3.2000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8125224
1092	0.8980000	3.4000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8684334
1093	0.8980000	3.6000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8840585
1094	0.8980000	3.8000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8805445
1095	0.8980000	4.0000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8696257
1096	0.8980000	4.4000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8451528
1097	0.8980000	4.8000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8262648

1098	0.8980000	5.2000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8150324
1099	0.8980000	5.6000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8103888
1100	0.8980000	6.0000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8102633
1101	0.8980000	7.0000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8186092
1102	0.8980000	8.0000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8296534
1103	0.8980000	9.0000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8394425
1104	0.8980000	10.0000000	3.5000000	0.0000000	90.0000000	0.0000000	343.8472864
1105	0.8980000	0.8000000	4.0000000	0.0000000	90.0000000	0.0000000	449.6310765
1106	0.8980000	0.9000000	4.0000000	0.0000000	90.0000000	0.0000000	227.0909284
1107	0.8980000	1.0000000	4.0000000	0.0000000	90.0000000	0.0000000	136.4355132
1108	0.8980000	1.1000000	4.0000000	0.0000000	90.0000000	0.0000000	115.0019859
1109	0.8980000	1.2000000	4.0000000	0.0000000	90.0000000	0.0000000	128.3208744
1110	0.8980000	1.3000000	4.0000000	0.0000000	90.0000000	0.0000000	157.2063277
1111	0.8980000	1.4000000	4.0000000	0.0000000	90.0000000	0.0000000	191.0159108
1112	0.8980000	1.5000000	4.0000000	0.0000000	90.0000000	0.0000000	224.0544728
1113	0.8980000	1.6000000	4.0000000	0.0000000	90.0000000	0.0000000	253.5138463
1114	0.8980000	1.7000000	4.0000000	0.0000000	90.0000000	0.0000000	278.2535329
1115	0.8980000	1.8000000	4.0000000	0.0000000	90.0000000	0.0000000	298.0756159
1116	0.8980000	2.0000000	4.0000000	0.0000000	90.0000000	0.0000000	323.9604444
1117	0.8980000	2.2000000	4.0000000	0.0000000	90.0000000	0.0000000	335.8066938
1118	0.8980000	2.4000000	4.0000000	0.0000000	90.0000000	0.0000000	340.4689009
1119	0.8980000	2.6000000	4.0000000	0.0000000	90.0000000	0.0000000	342.2771322
1120	0.8980000	2.8000000	4.0000000	0.0000000	90.0000000	0.0000000	343.0359166
1121	0.8980000	3.0000000	4.0000000	0.0000000	90.0000000	0.0000000	343.3946011
1122	0.8980000	3.2000000	4.0000000	0.0000000	90.0000000	0.0000000	343.5814106
1123	0.8980000	3.4000000	4.0000000	0.0000000	90.0000000	0.0000000	343.6825024
1124	0.8980000	3.6000000	4.0000000	0.0000000	90.0000000	0.0000000	343.7370329
1125	0.8980000	3.8000000	4.0000000	0.0000000	90.0000000	0.0000000	343.7667142
1126	0.8980000	4.0000000	4.0000000	0.0000000	90.0000000	0.0000000	343.7835315
1127	0.8980000	4.4000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8005370
1128	0.8980000	4.8000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8083808
1129	0.8980000	5.2000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8132754
1130	0.8980000	5.6000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8177307
1131	0.8980000	6.0000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8218723
1132	0.8980000	7.0000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8311594
1133	0.8980000	8.0000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8393798
1134	0.8980000	9.0000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8463451
1135	0.8980000	10.0000000	4.0000000	0.0000000	90.0000000	0.0000000	343.8516162
1136	0.8980000	0.8000000	10.0000000	0.0000000	90.0000000	0.0000000	449.8559131
1137	0.8980000	0.9000000	10.0000000	0.0000000	90.0000000	0.0000000	227.2427857
1138	0.8980000	1.0000000	10.0000000	0.0000000	90.0000000	0.0000000	136.5352244
1139	0.8980000	1.1000000	10.0000000	0.0000000	90.0000000	0.0000000	115.0623522
1140	0.8980000	1.2000000	10.0000000	0.0000000	90.0000000	0.0000000	128.3509949
1141	0.8980000	1.3000000	10.0000000	0.0000000	90.0000000	0.0000000	157.2128539
1142	0.8980000	1.4000000	10.0000000	0.0000000	90.0000000	0.0000000	191.0037998
1143	0.8980000	1.5000000	10.0000000	0.0000000	90.0000000	0.0000000	224.0279291
1144	0.8980000	1.6000000	10.0000000	0.0000000	90.0000000	0.0000000	253.4761330
1145	0.8980000	1.7000000	10.0000000	0.0000000	90.0000000	0.0000000	278.2060931
1146	0.8980000	1.8000000	10.0000000	0.0000000	90.0000000	0.0000000	298.0215245
1147	0.8980000	2.0000000	10.0000000	0.0000000	90.0000000	0.0000000	323.9260569
1148	0.8980000	2.2000000	10.0000000	0.0000000	90.0000000	0.0000000	335.7950220
1149	0.8980000	2.4000000	10.0000000	0.0000000	90.0000000	0.0000000	340.4636926
1150	0.8980000	2.6000000	10.0000000	0.0000000	90.0000000	0.0000000	342.2750614
1151	0.8980000	2.8000000	10.0000000	0.0000000	90.0000000	0.0000000	343.0385522
1152	0.8980000	3.0000000	10.0000000	0.0000000	90.0000000	0.0000000	343.4033862
1153	0.8980000	3.2000000	10.0000000	0.0000000	90.0000000	0.0000000	343.5969728

1154	0.8980000	3.4000000	10.0000000	0.0000000	90.0000000	0.0000000	343.7045280
1155	0.8980000	3.6000000	10.0000000	0.0000000	90.0000000	0.0000000	343.7645807
1156	0.8980000	3.8000000	10.0000000	0.0000000	90.0000000	0.0000000	343.7985917
1157	0.8980000	4.0000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8186720
1158	0.8980000	4.4000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8395680
1159	0.8980000	4.8000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8488551
1160	0.8980000	5.2000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8534360
1161	0.8980000	5.6000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8561970
1162	0.8980000	6.0000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8579540
1163	0.8980000	7.0000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8596483
1164	0.8980000	8.0000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8600248
1165	0.8980000	9.0000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8602131
1166	0.8980000	10.0000000	10.0000000	0.0000000	90.0000000	0.0000000	343.8602758
1167	1.2980000	1.3000000	1.0000000	0.0000000	90.0000000	0.0000000	1977.8688417
1168	1.2980000	1.4000000	1.0000000	0.0000000	90.0000000	0.0000000	1518.9251042
1169	1.2980000	1.5000000	1.0000000	0.0000000	90.0000000	0.0000000	1167.9578004
1170	1.2980000	1.6000000	1.0000000	0.0000000	90.0000000	0.0000000	904.4326240
1171	1.2980000	1.7000000	1.0000000	0.0000000	90.0000000	0.0000000	710.0238511
1172	1.2980000	1.8000000	1.0000000	0.0000000	90.0000000	0.0000000	569.4395151
1173	1.2980000	2.0000000	1.0000000	0.0000000	90.0000000	0.0000000	402.5854990
1174	1.2980000	2.2000000	1.0000000	0.0000000	90.0000000	0.0000000	331.4224105
1175	1.2980000	2.4000000	1.0000000	0.0000000	90.0000000	0.0000000	307.1359114
1176	1.2980000	2.6000000	1.0000000	0.0000000	90.0000000	0.0000000	300.2099639
1177	1.2980000	2.8000000	1.0000000	0.0000000	90.0000000	0.0000000	306.1809047
1178	1.2980000	3.0000000	1.0000000	0.0000000	90.0000000	0.0000000	316.9932694
1179	1.2980000	3.2000000	1.0000000	0.0000000	90.0000000	0.0000000	328.2568136
1180	1.2980000	3.4000000	1.0000000	0.0000000	90.0000000	0.0000000	335.9960134
1181	1.2980000	3.6000000	1.0000000	0.0000000	90.0000000	0.0000000	332.6313076
1182	1.2980000	3.8000000	1.0000000	0.0000000	90.0000000	0.0000000	321.8266612
1183	1.2980000	4.0000000	1.0000000	0.0000000	90.0000000	0.0000000	310.3890461
1184	1.2980000	4.4000000	1.0000000	0.0000000	90.0000000	0.0000000	292.7054525
1185	1.2980000	4.8000000	1.0000000	0.0000000	90.0000000	0.0000000	282.1135946
1186	1.2980000	5.2000000	1.0000000	0.0000000	90.0000000	0.0000000	276.2635121
1187	1.2980000	5.6000000	1.0000000	0.0000000	90.0000000	0.0000000	273.1888412
1188	1.2980000	6.0000000	1.0000000	0.0000000	90.0000000	0.0000000	271.6415283
1189	1.2980000	7.0000000	1.0000000	0.0000000	90.0000000	0.0000000	270.4488210
1190	1.2980000	8.0000000	1.0000000	0.0000000	90.0000000	0.0000000	270.3102042
1191	1.2980000	9.0000000	1.0000000	0.0000000	90.0000000	0.0000000	270.3287157
1192	1.2980000	10.0000000	1.0000000	0.0000000	90.0000000	0.0000000	270.3541926
1193	1.2980000	1.2000000	1.1000000	0.0000000	90.0000000	0.0000000	1867.6644357
1194	1.2980000	1.3000000	1.1000000	0.0000000	90.0000000	0.0000000	1484.5888526
1195	1.2980000	1.4000000	1.1000000	0.0000000	90.0000000	0.0000000	1182.9663210
1196	1.2980000	1.5000000	1.1000000	0.0000000	90.0000000	0.0000000	947.3231476
1197	1.2980000	1.6000000	1.1000000	0.0000000	90.0000000	0.0000000	765.4613011
1198	1.2980000	1.7000000	1.1000000	0.0000000	90.0000000	0.0000000	627.3275151
1199	1.2980000	1.8000000	1.1000000	0.0000000	90.0000000	0.0000000	524.1489560
1200	1.2980000	2.0000000	1.1000000	0.0000000	90.0000000	0.0000000	377.8142487
1201	1.2980000	2.2000000	1.1000000	0.0000000	90.0000000	0.0000000	316.9790250
1202	1.2980000	2.4000000	1.1000000	0.0000000	90.0000000	0.0000000	295.6359218
1203	1.2980000	2.6000000	1.1000000	0.0000000	90.0000000	0.0000000	295.3040948
1204	1.2980000	2.8000000	1.1000000	0.0000000	90.0000000	0.0000000	304.5756100
1205	1.2980000	3.0000000	1.1000000	0.0000000	90.0000000	0.0000000	316.7679936
1206	1.2980000	3.2000000	1.1000000	0.0000000	90.0000000	0.0000000	328.1512665
1207	1.2980000	3.4000000	1.1000000	0.0000000	90.0000000	0.0000000	334.3446595
1208	1.2980000	3.6000000	1.1000000	0.0000000	90.0000000	0.0000000	329.1056456
1209	1.2980000	3.8000000	1.1000000	0.0000000	90.0000000	0.0000000	318.2275806

1210	1.2980000	4.0000000	1.1000000	0.0000000	90.0000000	0.0000000	307.3763103
1211	1.2980000	4.4000000	1.1000000	0.0000000	90.0000000	0.0000000	290.9395782
1212	1.2980000	4.8000000	1.1000000	0.0000000	90.0000000	0.0000000	281.1680634
1213	1.2980000	5.2000000	1.1000000	0.0000000	90.0000000	0.0000000	275.7814592
1214	1.2980000	5.6000000	1.1000000	0.0000000	90.0000000	0.0000000	272.9531486
1215	1.2980000	6.0000000	1.1000000	0.0000000	90.0000000	0.0000000	271.5310238
1216	1.2980000	7.0000000	1.1000000	0.0000000	90.0000000	0.0000000	270.4357688
1217	1.2980000	8.0000000	1.1000000	0.0000000	90.0000000	0.0000000	270.3108317
1218	1.2980000	9.0000000	1.1000000	0.0000000	90.0000000	0.0000000	270.3302217
1219	1.2980000	10.0000000	1.1000000	0.0000000	90.0000000	0.0000000	270.3551966
1220	1.2980000	1.1000000	1.2000000	0.0000000	90.0000000	0.0000000	1639.3315593
1221	1.2980000	1.2000000	1.2000000	0.0000000	90.0000000	0.0000000	1321.5217933
1222	1.2980000	1.3000000	1.2000000	0.0000000	90.0000000	0.0000000	1069.9764003
1223	1.2980000	1.4000000	1.2000000	0.0000000	90.0000000	0.0000000	870.9454554
1224	1.2980000	1.5000000	1.2000000	0.0000000	90.0000000	0.0000000	715.1887561
1225	1.2980000	1.6000000	1.2000000	0.0000000	90.0000000	0.0000000	594.3887898
1226	1.2980000	1.7000000	1.2000000	0.0000000	90.0000000	0.0000000	501.7640616
1227	1.2980000	1.8000000	1.2000000	0.0000000	90.0000000	0.0000000	430.8037215
1228	1.2980000	2.0000000	1.2000000	0.0000000	90.0000000	0.0000000	338.7876148
1229	1.2980000	2.2000000	1.2000000	0.0000000	90.0000000	0.0000000	299.6877505
1230	1.2980000	2.4000000	1.2000000	0.0000000	90.0000000	0.0000000	289.2724109
1231	1.2980000	2.6000000	1.2000000	0.0000000	90.0000000	0.0000000	294.2491886
1232	1.2980000	2.8000000	1.2000000	0.0000000	90.0000000	0.0000000	305.6521653
1233	1.2980000	3.0000000	1.2000000	0.0000000	90.0000000	0.0000000	318.1857884
1234	1.2980000	3.2000000	1.2000000	0.0000000	90.0000000	0.0000000	328.7376740
1235	1.2980000	3.4000000	1.2000000	0.0000000	90.0000000	0.0000000	332.3271537
1236	1.2980000	3.6000000	1.2000000	0.0000000	90.0000000	0.0000000	325.2392460
1237	1.2980000	3.8000000	1.2000000	0.0000000	90.0000000	0.0000000	314.4539896
1238	1.2980000	4.0000000	1.2000000	0.0000000	90.0000000	0.0000000	304.2645535
1239	1.2980000	4.4000000	1.2000000	0.0000000	90.0000000	0.0000000	289.1342961
1240	1.2980000	4.8000000	1.2000000	0.0000000	90.0000000	0.0000000	280.2050246
1241	1.2980000	5.2000000	1.2000000	0.0000000	90.0000000	0.0000000	275.2914371
1242	1.2980000	5.6000000	1.2000000	0.0000000	90.0000000	0.0000000	272.7141302
1243	1.2980000	6.0000000	1.2000000	0.0000000	90.0000000	0.0000000	271.4191389
1244	1.2980000	7.0000000	1.2000000	0.0000000	90.0000000	0.0000000	270.4227794
1245	1.2980000	8.0000000	1.2000000	0.0000000	90.0000000	0.0000000	270.3116474
1246	1.2980000	9.0000000	1.2000000	0.0000000	90.0000000	0.0000000	270.3317905
1247	1.2980000	10.0000000	1.2000000	0.0000000	90.0000000	0.0000000	270.3562006
1248	1.2980000	0.9000000	1.3000000	0.0000000	90.0000000	0.0000000	1680.6802293
1249	1.2980000	1.0000000	1.3000000	0.0000000	90.0000000	0.0000000	1438.1943789
1250	1.2980000	1.1000000	1.3000000	0.0000000	90.0000000	0.0000000	1157.4231086
1251	1.2980000	1.2000000	1.3000000	0.0000000	90.0000000	0.0000000	943.8009996
1252	1.2980000	1.3000000	1.3000000	0.0000000	90.0000000	0.0000000	778.5208400
1253	1.2980000	1.4000000	1.3000000	0.0000000	90.0000000	0.0000000	649.9764656
1254	1.2980000	1.5000000	1.3000000	0.0000000	90.0000000	0.0000000	550.4178832
1255	1.2980000	1.6000000	1.3000000	0.0000000	90.0000000	0.0000000	474.0473447
1256	1.2980000	1.7000000	1.3000000	0.0000000	90.0000000	0.0000000	416.1988778
1257	1.2980000	1.8000000	1.3000000	0.0000000	90.0000000	0.0000000	372.7331163
1258	1.2980000	2.0000000	1.3000000	0.0000000	90.0000000	0.0000000	311.7908394
1259	1.2980000	2.2000000	1.3000000	0.0000000	90.0000000	0.0000000	289.8884998
1260	1.2980000	2.4000000	1.3000000	0.0000000	90.0000000	0.0000000	288.2106022
1261	1.2980000	2.6000000	1.3000000	0.0000000	90.0000000	0.0000000	296.7935513
1262	1.2980000	2.8000000	1.3000000	0.0000000	90.0000000	0.0000000	308.9350438
1263	1.2980000	3.0000000	1.3000000	0.0000000	90.0000000	0.0000000	320.7363635
1264	1.2980000	3.2000000	1.3000000	0.0000000	90.0000000	0.0000000	329.4716091
1265	1.2980000	3.4000000	1.3000000	0.0000000	90.0000000	0.0000000	329.6006251

1266	1.2980000	3.6000000	1.3000000	0.0000000	90.0000000	0.0000000	321.0316694
1267	1.2980000	3.8000000	1.3000000	0.0000000	90.0000000	0.0000000	310.5484334
1268	1.2980000	4.0000000	1.3000000	0.0000000	90.0000000	0.0000000	301.0969484
1269	1.2980000	4.4000000	1.3000000	0.0000000	90.0000000	0.0000000	287.3170914
1270	1.2980000	4.8000000	1.3000000	0.0000000	90.0000000	0.0000000	279.2392874
1271	1.2980000	5.2000000	1.3000000	0.0000000	90.0000000	0.0000000	274.8012267
1272	1.2980000	5.6000000	1.3000000	0.0000000	90.0000000	0.0000000	272.4754883
1273	1.2980000	6.0000000	1.3000000	0.0000000	90.0000000	0.0000000	271.3076932
1274	1.2980000	7.0000000	1.3000000	0.0000000	90.0000000	0.0000000	270.4100410
1275	1.2980000	8.0000000	1.3000000	0.0000000	90.0000000	0.0000000	270.3125887
1276	1.2980000	9.0000000	1.3000000	0.0000000	90.0000000	0.0000000	270.3334848
1277	1.2980000	10.0000000	1.3000000	0.0000000	90.0000000	0.0000000	270.3573301
1278	1.2980000	0.8000000	1.4000000	0.0000000	90.0000000	0.0000000	1526.5682323
1279	1.2980000	0.9000000	1.4000000	0.0000000	90.0000000	0.0000000	1164.8982524
1280	1.2980000	1.0000000	1.4000000	0.0000000	90.0000000	0.0000000	930.9597712
1281	1.2980000	1.1000000	1.4000000	0.0000000	90.0000000	0.0000000	774.9351882
1282	1.2980000	1.2000000	1.4000000	0.0000000	90.0000000	0.0000000	664.9027823
1283	1.2980000	1.3000000	1.4000000	0.0000000	90.0000000	0.0000000	582.4292749
1284	1.2980000	1.4000000	1.4000000	0.0000000	90.0000000	0.0000000	505.9573309
1285	1.2980000	1.5000000	1.4000000	0.0000000	90.0000000	0.0000000	442.6713690
1286	1.2980000	1.6000000	1.4000000	0.0000000	90.0000000	0.0000000	395.2634675
1287	1.2980000	1.7000000	1.4000000	0.0000000	90.0000000	0.0000000	360.0015138
1288	1.2980000	1.8000000	1.4000000	0.0000000	90.0000000	0.0000000	333.2402427
1289	1.2980000	2.0000000	1.4000000	0.0000000	90.0000000	0.0000000	296.3667193
1290	1.2980000	2.2000000	1.4000000	0.0000000	90.0000000	0.0000000	287.5692247
1291	1.2980000	2.4000000	1.4000000	0.0000000	90.0000000	0.0000000	291.8376069
1292	1.2980000	2.6000000	1.4000000	0.0000000	90.0000000	0.0000000	302.0526454
1293	1.2980000	2.8000000	1.4000000	0.0000000	90.0000000	0.0000000	313.5995100
1294	1.2980000	3.0000000	1.4000000	0.0000000	90.0000000	0.0000000	323.7466519
1295	1.2980000	3.2000000	1.4000000	0.0000000	90.0000000	0.0000000	329.6005623
1296	1.2980000	3.4000000	1.4000000	0.0000000	90.0000000	0.0000000	325.9946418
1297	1.2980000	3.6000000	1.4000000	0.0000000	90.0000000	0.0000000	316.5346228
1298	1.2980000	3.8000000	1.4000000	0.0000000	90.0000000	0.0000000	306.5693331
1299	1.2980000	4.0000000	1.4000000	0.0000000	90.0000000	0.0000000	297.9223780
1300	1.2980000	4.4000000	1.4000000	0.0000000	90.0000000	0.0000000	285.5162020
1301	1.2980000	4.8000000	1.4000000	0.0000000	90.0000000	0.0000000	278.2859123
1302	1.2980000	5.2000000	1.4000000	0.0000000	90.0000000	0.0000000	274.3183582
1303	1.2980000	5.6000000	1.4000000	0.0000000	90.0000000	0.0000000	272.2409253
1304	1.2980000	6.0000000	1.4000000	0.0000000	90.0000000	0.0000000	271.1983811
1305	1.2980000	7.0000000	1.4000000	0.0000000	90.0000000	0.0000000	270.3978044
1306	1.2980000	8.0000000	1.4000000	0.0000000	90.0000000	0.0000000	270.3137810
1307	1.2980000	9.0000000	1.4000000	0.0000000	90.0000000	0.0000000	270.3353045
1308	1.2980000	10.0000000	1.4000000	0.0000000	90.0000000	0.0000000	270.3585224
1309	1.2980000	0.8000000	1.5000000	0.0000000	90.0000000	0.0000000	1183.9040712
1310	1.2980000	0.9000000	1.5000000	0.0000000	90.0000000	0.0000000	850.0438051
1311	1.2980000	1.0000000	1.5000000	0.0000000	90.0000000	0.0000000	659.4676090
1312	1.2980000	1.1000000	1.5000000	0.0000000	90.0000000	0.0000000	544.5924617
1313	1.2980000	1.2000000	1.5000000	0.0000000	90.0000000	0.0000000	472.6919242
1314	1.2980000	1.3000000	1.5000000	0.0000000	90.0000000	0.0000000	417.6776038
1315	1.2980000	1.4000000	1.5000000	0.0000000	90.0000000	0.0000000	382.5235818
1316	1.2980000	1.5000000	1.5000000	0.0000000	90.0000000	0.0000000	356.6139667
1317	1.2980000	1.6000000	1.5000000	0.0000000	90.0000000	0.0000000	334.9135595
1318	1.2980000	1.7000000	1.5000000	0.0000000	90.0000000	0.0000000	317.5205029
1319	1.2980000	1.8000000	1.5000000	0.0000000	90.0000000	0.0000000	304.6099975
1320	1.2980000	2.0000000	1.5000000	0.0000000	90.0000000	0.0000000	291.3623940
1321	1.2980000	2.2000000	1.5000000	0.0000000	90.0000000	0.0000000	291.3037846

1322	1.2980000	2.4000000	1.5000000	0.0000000	90.0000000	0.0000000	298.6172821
1323	1.2980000	2.6000000	1.5000000	0.0000000	90.0000000	0.0000000	308.7250164
1324	1.2980000	2.8000000	1.5000000	0.0000000	90.0000000	0.0000000	318.7117041
1325	1.2980000	3.0000000	1.5000000	0.0000000	90.0000000	0.0000000	326.4999752
1326	1.2980000	3.2000000	1.5000000	0.0000000	90.0000000	0.0000000	328.2746976
1327	1.2980000	3.4000000	1.5000000	0.0000000	90.0000000	0.0000000	321.5567066
1328	1.2980000	3.6000000	1.5000000	0.0000000	90.0000000	0.0000000	311.8421070
1329	1.2980000	3.8000000	1.5000000	0.0000000	90.0000000	0.0000000	302.5861540
1330	1.2980000	4.0000000	1.5000000	0.0000000	90.0000000	0.0000000	294.7928001
1331	1.2980000	4.4000000	1.5000000	0.0000000	90.0000000	0.0000000	283.7593009
1332	1.2980000	4.8000000	1.5000000	0.0000000	90.0000000	0.0000000	277.3588926
1333	1.2980000	5.2000000	1.5000000	0.0000000	90.0000000	0.0000000	273.8499224
1334	1.2980000	5.6000000	1.5000000	0.0000000	90.0000000	0.0000000	272.0138297
1335	1.2980000	6.0000000	1.5000000	0.0000000	90.0000000	0.0000000	271.0927712
1336	1.2980000	7.0000000	1.5000000	0.0000000	90.0000000	0.0000000	270.3862583
1337	1.2980000	8.0000000	1.5000000	0.0000000	90.0000000	0.0000000	270.3151615
1338	1.2980000	9.0000000	1.5000000	0.0000000	90.0000000	0.0000000	270.3371243
1339	1.2980000	10.0000000	1.5000000	0.0000000	90.0000000	0.0000000	270.3597146
1340	1.2980000	0.8000000	1.6000000	0.0000000	90.0000000	0.0000000	948.9094288
1341	1.2980000	0.9000000	1.6000000	0.0000000	90.0000000	0.0000000	649.2936098
1342	1.2980000	1.0000000	1.6000000	0.0000000	90.0000000	0.0000000	500.5588669
1343	1.2980000	1.1000000	1.6000000	0.0000000	90.0000000	0.0000000	396.4178966
1344	1.2980000	1.2000000	1.6000000	0.0000000	90.0000000	0.0000000	346.1863907
1345	1.2980000	1.3000000	1.6000000	0.0000000	90.0000000	0.0000000	319.7006591
1346	1.2980000	1.4000000	1.6000000	0.0000000	90.0000000	0.0000000	305.9351720
1347	1.2980000	1.5000000	1.6000000	0.0000000	90.0000000	0.0000000	298.8264309
1348	1.2980000	1.6000000	1.6000000	0.0000000	90.0000000	0.0000000	294.9698832
1349	1.2980000	1.7000000	1.6000000	0.0000000	90.0000000	0.0000000	292.6587031
1350	1.2980000	1.8000000	1.6000000	0.0000000	90.0000000	0.0000000	291.5080390
1351	1.2980000	2.0000000	1.6000000	0.0000000	90.0000000	0.0000000	292.6211152
1352	1.2980000	2.2000000	1.6000000	0.0000000	90.0000000	0.0000000	298.1624631
1353	1.2980000	2.4000000	1.6000000	0.0000000	90.0000000	0.0000000	306.5619285
1354	1.2980000	2.6000000	1.6000000	0.0000000	90.0000000	0.0000000	315.5843225
1355	1.2980000	2.8000000	1.6000000	0.0000000	90.0000000	0.0000000	323.4232335
1356	1.2980000	3.0000000	1.6000000	0.0000000	90.0000000	0.0000000	328.0334202
1357	1.2980000	3.2000000	1.6000000	0.0000000	90.0000000	0.0000000	325.0493616
1358	1.2980000	3.4000000	1.6000000	0.0000000	90.0000000	0.0000000	316.4956545
1359	1.2980000	3.6000000	1.6000000	0.0000000	90.0000000	0.0000000	307.0751685
1360	1.2980000	3.8000000	1.6000000	0.0000000	90.0000000	0.0000000	298.6746991
1361	1.2980000	4.0000000	1.6000000	0.0000000	90.0000000	0.0000000	291.7601723
1362	1.2980000	4.4000000	1.6000000	0.0000000	90.0000000	0.0000000	282.0723045
1363	1.2980000	4.8000000	1.6000000	0.0000000	90.0000000	0.0000000	276.4714059
1364	1.2980000	5.2000000	1.6000000	0.0000000	90.0000000	0.0000000	273.4023826
1365	1.2980000	5.6000000	1.6000000	0.0000000	90.0000000	0.0000000	271.7972761
1366	1.2980000	6.0000000	1.6000000	0.0000000	90.0000000	0.0000000	270.9923070
1367	1.2980000	7.0000000	1.6000000	0.0000000	90.0000000	0.0000000	270.3755906
1368	1.2980000	8.0000000	1.6000000	0.0000000	90.0000000	0.0000000	270.3167303
1369	1.2980000	9.0000000	1.6000000	0.0000000	90.0000000	0.0000000	270.3390696
1370	1.2980000	10.0000000	1.6000000	0.0000000	90.0000000	0.0000000	270.3609697
1371	1.2980000	0.8000000	1.7000000	0.0000000	90.0000000	0.0000000	829.4513287
1372	1.2980000	0.9000000	1.7000000	0.0000000	90.0000000	0.0000000	543.2292601
1373	1.2980000	1.0000000	1.7000000	0.0000000	90.0000000	0.0000000	393.2398748
1374	1.2980000	1.1000000	1.7000000	0.0000000	90.0000000	0.0000000	318.7032327
1375	1.2980000	1.2000000	1.7000000	0.0000000	90.0000000	0.0000000	281.4852694
1376	1.2980000	1.3000000	1.7000000	0.0000000	90.0000000	0.0000000	266.5864375
1377	1.2980000	1.4000000	1.7000000	0.0000000	90.0000000	0.0000000	263.5202379

1378	1.2980000	1.5000000	1.7000000	0.0000000	90.0000000	0.0000000	266.3436540
1379	1.2980000	1.6000000	1.7000000	0.0000000	90.0000000	0.0000000	271.7820904
1380	1.2980000	1.7000000	1.7000000	0.0000000	90.0000000	0.0000000	278.0674762
1381	1.2980000	1.8000000	1.7000000	0.0000000	90.0000000	0.0000000	284.3234948
1382	1.2980000	2.0000000	1.7000000	0.0000000	90.0000000	0.0000000	295.7042576
1383	1.2980000	2.2000000	1.7000000	0.0000000	90.0000000	0.0000000	305.4524917
1384	1.2980000	2.4000000	1.7000000	0.0000000	90.0000000	0.0000000	314.1830310
1385	1.2980000	2.6000000	1.7000000	0.0000000	90.0000000	0.0000000	321.6554766
1386	1.2980000	2.8000000	1.7000000	0.0000000	90.0000000	0.0000000	326.9734312
1387	1.2980000	3.0000000	1.7000000	0.0000000	90.0000000	0.0000000	326.9662148
1388	1.2980000	3.2000000	1.7000000	0.0000000	90.0000000	0.0000000	320.2034825
1389	1.2980000	3.4000000	1.7000000	0.0000000	90.0000000	0.0000000	311.0914801
1390	1.2980000	3.6000000	1.7000000	0.0000000	90.0000000	0.0000000	302.3645176
1391	1.2980000	3.8000000	1.7000000	0.0000000	90.0000000	0.0000000	294.9101443
1392	1.2980000	4.0000000	1.7000000	0.0000000	90.0000000	0.0000000	288.8731894
1393	1.2980000	4.4000000	1.7000000	0.0000000	90.0000000	0.0000000	280.4782422
1394	1.2980000	4.8000000	1.7000000	0.0000000	90.0000000	0.0000000	275.6348730
1395	1.2980000	5.2000000	1.7000000	0.0000000	90.0000000	0.0000000	272.9813865
1396	1.2980000	5.6000000	1.7000000	0.0000000	90.0000000	0.0000000	271.5939631
1397	1.2980000	6.0000000	1.7000000	0.0000000	90.0000000	0.0000000	270.8981178
1398	1.2980000	7.0000000	1.7000000	0.0000000	90.0000000	0.0000000	270.3658642
1399	1.2980000	8.0000000	1.7000000	0.0000000	90.0000000	0.0000000	270.3184873
1400	1.2980000	9.0000000	1.7000000	0.0000000	90.0000000	0.0000000	270.3410776
1401	1.2980000	10.0000000	1.7000000	0.0000000	90.0000000	0.0000000	270.3622247
1402	1.2980000	0.8000000	1.8000000	0.0000000	90.0000000	0.0000000	765.9791219
1403	1.2980000	0.9000000	1.8000000	0.0000000	90.0000000	0.0000000	487.9604220
1404	1.2980000	1.0000000	1.8000000	0.0000000	90.0000000	0.0000000	345.5343456
1405	1.2980000	1.1000000	1.8000000	0.0000000	90.0000000	0.0000000	277.7977727
1406	1.2980000	1.2000000	1.8000000	0.0000000	90.0000000	0.0000000	250.7135853
1407	1.2980000	1.3000000	1.8000000	0.0000000	90.0000000	0.0000000	241.7568288
1408	1.2980000	1.4000000	1.8000000	0.0000000	90.0000000	0.0000000	244.1498362
1409	1.2980000	1.5000000	1.8000000	0.0000000	90.0000000	0.0000000	251.9918220
1410	1.2980000	1.6000000	1.8000000	0.0000000	90.0000000	0.0000000	262.0366172
1411	1.2980000	1.7000000	1.8000000	0.0000000	90.0000000	0.0000000	272.5367961
1412	1.2980000	1.8000000	1.8000000	0.0000000	90.0000000	0.0000000	282.5602558
1413	1.2980000	2.0000000	1.8000000	0.0000000	90.0000000	0.0000000	299.5950045
1414	1.2980000	2.2000000	1.8000000	0.0000000	90.0000000	0.0000000	311.9784020
1415	1.2980000	2.4000000	1.8000000	0.0000000	90.0000000	0.0000000	320.5521267
1416	1.2980000	2.6000000	1.8000000	0.0000000	90.0000000	0.0000000	326.2757662
1417	1.2980000	2.8000000	1.8000000	0.0000000	90.0000000	0.0000000	327.8813119
1418	1.2980000	3.0000000	1.8000000	0.0000000	90.0000000	0.0000000	322.8675739
1419	1.2980000	3.2000000	1.8000000	0.0000000	90.0000000	0.0000000	314.3872226
1420	1.2980000	3.4000000	1.8000000	0.0000000	90.0000000	0.0000000	305.6237391
1421	1.2980000	3.6000000	1.8000000	0.0000000	90.0000000	0.0000000	297.8349032
1422	1.2980000	3.8000000	1.8000000	0.0000000	90.0000000	0.0000000	291.3603860
1423	1.2980000	4.0000000	1.8000000	0.0000000	90.0000000	0.0000000	286.1739575
1424	1.2980000	4.4000000	1.8000000	0.0000000	90.0000000	0.0000000	278.9961903
1425	1.2980000	4.8000000	1.8000000	0.0000000	90.0000000	0.0000000	274.8585811
1426	1.2980000	5.2000000	1.8000000	0.0000000	90.0000000	0.0000000	272.5913893
1427	1.2980000	5.6000000	1.8000000	0.0000000	90.0000000	0.0000000	271.4058984
1428	1.2980000	6.0000000	1.8000000	0.0000000	90.0000000	0.0000000	270.8112078
1429	1.2980000	7.0000000	1.8000000	0.0000000	90.0000000	0.0000000	270.3572674
1430	1.2980000	8.0000000	1.8000000	0.0000000	90.0000000	0.0000000	270.3204326
1431	1.2980000	9.0000000	1.8000000	0.0000000	90.0000000	0.0000000	270.3431484
1432	1.2980000	10.0000000	1.8000000	0.0000000	90.0000000	0.0000000	270.3635424
1433	1.2980000	0.8000000	1.9000000	0.0000000	90.0000000	0.0000000	735.2952891

1434	1.2980000	0.9000000	1.9000000	0.0000000	90.0000000	0.0000000	463.2165939
1435	1.2980000	1.0000000	1.9000000	0.0000000	90.0000000	0.0000000	325.5137186
1436	1.2980000	1.1000000	1.9000000	0.0000000	90.0000000	0.0000000	261.5902698
1437	1.2980000	1.2000000	1.9000000	0.0000000	90.0000000	0.0000000	240.7513704
1438	1.2980000	1.3000000	1.9000000	0.0000000	90.0000000	0.0000000	234.5047018
1439	1.2980000	1.4000000	1.9000000	0.0000000	90.0000000	0.0000000	239.2759701
1440	1.2980000	1.5000000	1.9000000	0.0000000	90.0000000	0.0000000	249.2331650
1441	1.2980000	1.6000000	1.9000000	0.0000000	90.0000000	0.0000000	261.1596728
1442	1.2980000	1.7000000	1.9000000	0.0000000	90.0000000	0.0000000	273.3275208
1443	1.2980000	1.8000000	1.9000000	0.0000000	90.0000000	0.0000000	284.8056102
1444	1.2980000	2.0000000	1.9000000	0.0000000	90.0000000	0.0000000	303.9902691
1445	1.2980000	2.2000000	1.9000000	0.0000000	90.0000000	0.0000000	317.2986784
1446	1.2980000	2.4000000	1.9000000	0.0000000	90.0000000	0.0000000	325.2602675
1447	1.2980000	2.6000000	1.9000000	0.0000000	90.0000000	0.0000000	328.2327171
1448	1.2980000	2.8000000	1.9000000	0.0000000	90.0000000	0.0000000	324.5538174
1449	1.2980000	3.0000000	1.9000000	0.0000000	90.0000000	0.0000000	316.7924664
1450	1.2980000	3.2000000	1.9000000	0.0000000	90.0000000	0.0000000	308.2289701
1451	1.2980000	3.4000000	1.9000000	0.0000000	90.0000000	0.0000000	300.3320145
1452	1.2980000	3.6000000	1.9000000	0.0000000	90.0000000	0.0000000	293.5923744
1453	1.2980000	3.8000000	1.9000000	0.0000000	90.0000000	0.0000000	288.0810842
1454	1.2980000	4.0000000	1.9000000	0.0000000	90.0000000	0.0000000	283.6953578
1455	1.2980000	4.4000000	1.9000000	0.0000000	90.0000000	0.0000000	277.6405188
1456	1.2980000	4.8000000	1.9000000	0.0000000	90.0000000	0.0000000	274.1495581
1457	1.2980000	5.2000000	1.9000000	0.0000000	90.0000000	0.0000000	272.2357169
1458	1.2980000	5.6000000	1.9000000	0.0000000	90.0000000	0.0000000	271.2346511
1459	1.2980000	6.0000000	1.9000000	0.0000000	90.0000000	0.0000000	270.7322043
1460	1.2980000	7.0000000	1.9000000	0.0000000	90.0000000	0.0000000	270.3497372
1461	1.2980000	8.0000000	1.9000000	0.0000000	90.0000000	0.0000000	270.3225661
1462	1.2980000	9.0000000	1.9000000	0.0000000	90.0000000	0.0000000	270.3452192
1463	1.2980000	10.0000000	1.9000000	0.0000000	90.0000000	0.0000000	270.3648602
1464	1.2980000	0.8000000	2.0000000	0.0000000	90.0000000	0.0000000	722.0627458
1465	1.2980000	0.9000000	2.0000000	0.0000000	90.0000000	0.0000000	455.8710307
1466	1.2980000	1.0000000	2.0000000	0.0000000	90.0000000	0.0000000	321.7701226
1467	1.2980000	1.1000000	2.0000000	0.0000000	90.0000000	0.0000000	260.0524323
1468	1.2980000	1.2000000	2.0000000	0.0000000	90.0000000	0.0000000	242.7993103
1469	1.2980000	1.3000000	2.0000000	0.0000000	90.0000000	0.0000000	237.3392876
1470	1.2980000	1.4000000	2.0000000	0.0000000	90.0000000	0.0000000	242.7004775
1471	1.2980000	1.5000000	2.0000000	0.0000000	90.0000000	0.0000000	253.0765978
1472	1.2980000	1.6000000	2.0000000	0.0000000	90.0000000	0.0000000	265.2940189
1473	1.2980000	1.7000000	2.0000000	0.0000000	90.0000000	0.0000000	277.6535082
1474	1.2980000	1.8000000	2.0000000	0.0000000	90.0000000	0.0000000	289.2394040
1475	1.2980000	2.0000000	2.0000000	0.0000000	90.0000000	0.0000000	308.4159680
1476	1.2980000	2.2000000	2.0000000	0.0000000	90.0000000	0.0000000	321.4282554
1477	1.2980000	2.4000000	2.0000000	0.0000000	90.0000000	0.0000000	327.3220126
1478	1.2980000	2.6000000	2.0000000	0.0000000	90.0000000	0.0000000	325.0956091
1479	1.2980000	2.8000000	2.0000000	0.0000000	90.0000000	0.0000000	318.1324502
1480	1.2980000	3.0000000	2.0000000	0.0000000	90.0000000	0.0000000	309.9707482
1481	1.2980000	3.2000000	2.0000000	0.0000000	90.0000000	0.0000000	302.1980394
1482	1.2980000	3.4000000	2.0000000	0.0000000	90.0000000	0.0000000	295.3967151
1483	1.2980000	3.6000000	2.0000000	0.0000000	90.0000000	0.0000000	289.7156836
1484	1.2980000	3.8000000	2.0000000	0.0000000	90.0000000	0.0000000	285.1113957
1485	1.2980000	4.0000000	2.0000000	0.0000000	90.0000000	0.0000000	281.4594160
1486	1.2980000	4.4000000	2.0000000	0.0000000	90.0000000	0.0000000	276.4203894
1487	1.2980000	4.8000000	2.0000000	0.0000000	90.0000000	0.0000000	273.5120712
1488	1.2980000	5.2000000	2.0000000	0.0000000	90.0000000	0.0000000	271.9163147
1489	1.2980000	5.6000000	2.0000000	0.0000000	90.0000000	0.0000000	271.0810368

1490	1.2980000	6.0000000	2.0000000	0.0000000	90.0000000	0.0000000	270.6614212
1491	1.2980000	7.0000000	2.0000000	0.0000000	90.0000000	0.0000000	270.3434622
1492	1.2980000	8.0000000	2.0000000	0.0000000	90.0000000	0.0000000	270.3248251
1493	1.2980000	9.0000000	2.0000000	0.0000000	90.0000000	0.0000000	270.3472900
1494	1.2980000	10.0000000	2.0000000	0.0000000	90.0000000	0.0000000	270.3661780
1495	1.2980000	0.8000000	2.2000000	0.0000000	90.0000000	0.0000000	578.0044547
1496	1.2980000	0.9000000	2.2000000	0.0000000	90.0000000	0.0000000	356.2083446
1497	1.2980000	1.0000000	2.2000000	0.0000000	90.0000000	0.0000000	263.0268900
1498	1.2980000	1.1000000	2.2000000	0.0000000	90.0000000	0.0000000	236.2784201
1499	1.2980000	1.2000000	2.2000000	0.0000000	90.0000000	0.0000000	241.4329712
1500	1.2980000	1.3000000	2.2000000	0.0000000	90.0000000	0.0000000	255.8353176
1501	1.2980000	1.4000000	2.2000000	0.0000000	90.0000000	0.0000000	257.5438376
1502	1.2980000	1.5000000	2.2000000	0.0000000	90.0000000	0.0000000	266.7465779
1503	1.2980000	1.6000000	2.2000000	0.0000000	90.0000000	0.0000000	277.6339927
1504	1.2980000	1.7000000	2.2000000	0.0000000	90.0000000	0.0000000	288.5337695
1505	1.2980000	1.8000000	2.2000000	0.0000000	90.0000000	0.0000000	298.5959467
1506	1.2980000	2.0000000	2.2000000	0.0000000	90.0000000	0.0000000	313.5397710
1507	1.2980000	2.2000000	2.2000000	0.0000000	90.0000000	0.0000000	318.4520407
1508	1.2980000	2.4000000	2.2000000	0.0000000	90.0000000	0.0000000	315.6765036
1509	1.2980000	2.6000000	2.2000000	0.0000000	90.0000000	0.0000000	309.7567675
1510	1.2980000	2.8000000	2.2000000	0.0000000	90.0000000	0.0000000	303.2003602
1511	1.2980000	3.0000000	2.2000000	0.0000000	90.0000000	0.0000000	297.0274241
1512	1.2980000	3.2000000	2.2000000	0.0000000	90.0000000	0.0000000	291.6009731
1513	1.2980000	3.4000000	2.2000000	0.0000000	90.0000000	0.0000000	287.0096745
1514	1.2980000	3.6000000	2.2000000	0.0000000	90.0000000	0.0000000	283.2262944
1515	1.2980000	3.8000000	2.2000000	0.0000000	90.0000000	0.0000000	280.1726450
1516	1.2980000	4.0000000	2.2000000	0.0000000	90.0000000	0.0000000	277.7502075
1517	1.2980000	4.4000000	2.2000000	0.0000000	90.0000000	0.0000000	274.3984912
1518	1.2980000	4.8000000	2.2000000	0.0000000	90.0000000	0.0000000	272.4565376
1519	1.2980000	5.2000000	2.2000000	0.0000000	90.0000000	0.0000000	271.3880144
1520	1.2980000	5.6000000	2.2000000	0.0000000	90.0000000	0.0000000	270.8272092
1521	1.2980000	6.0000000	2.2000000	0.0000000	90.0000000	0.0000000	270.5448927
1522	1.2980000	7.0000000	2.2000000	0.0000000	90.0000000	0.0000000	270.3342378
1523	1.2980000	8.0000000	2.2000000	0.0000000	90.0000000	0.0000000	270.3297825
1524	1.2980000	9.0000000	2.2000000	0.0000000	90.0000000	0.0000000	270.3515570
1525	1.2980000	10.0000000	2.2000000	0.0000000	90.0000000	0.0000000	270.3688763
1526	1.2980000	0.8000000	2.4000000	0.0000000	90.0000000	0.0000000	479.8669930
1527	1.2980000	0.9000000	2.4000000	0.0000000	90.0000000	0.0000000	259.5818002
1528	1.2980000	1.0000000	2.4000000	0.0000000	90.0000000	0.0000000	169.3286813
1529	1.2980000	1.1000000	2.4000000	0.0000000	90.0000000	0.0000000	146.7530868
1530	1.2980000	1.2000000	2.4000000	0.0000000	90.0000000	0.0000000	157.5449947
1531	1.2980000	1.3000000	2.4000000	0.0000000	90.0000000	0.0000000	182.5535690
1532	1.2980000	1.4000000	2.4000000	0.0000000	90.0000000	0.0000000	211.0614499
1533	1.2980000	1.5000000	2.4000000	0.0000000	90.0000000	0.0000000	237.3005702
1534	1.2980000	1.6000000	2.4000000	0.0000000	90.0000000	0.0000000	258.7106915
1535	1.2980000	1.7000000	2.4000000	0.0000000	90.0000000	0.0000000	274.6641787
1536	1.2980000	1.8000000	2.4000000	0.0000000	90.0000000	0.0000000	285.6226275
1537	1.2980000	2.0000000	2.4000000	0.0000000	90.0000000	0.0000000	297.3028380
1538	1.2980000	2.2000000	2.4000000	0.0000000	90.0000000	0.0000000	300.2966229
1539	1.2980000	2.4000000	2.4000000	0.0000000	90.0000000	0.0000000	298.4851286
1540	1.2980000	2.6000000	2.4000000	0.0000000	90.0000000	0.0000000	294.7970671
1541	1.2980000	2.8000000	2.4000000	0.0000000	90.0000000	0.0000000	290.7501957
1542	1.2980000	3.0000000	2.4000000	0.0000000	90.0000000	0.0000000	286.9554578
1543	1.2980000	3.2000000	2.4000000	0.0000000	90.0000000	0.0000000	283.6200566
1544	1.2980000	3.4000000	2.4000000	0.0000000	90.0000000	0.0000000	280.7887966
1545	1.2980000	3.6000000	2.4000000	0.0000000	90.0000000	0.0000000	278.4435427

1546	1.2980000	3.8000000	2.4000000	0.0000000	90.0000000	0.0000000	276.5398045
1547	1.2980000	4.0000000	2.4000000	0.0000000	90.0000000	0.0000000	275.0219845
1548	1.2980000	4.4000000	2.4000000	0.0000000	90.0000000	0.0000000	272.9101014
1549	1.2980000	4.8000000	2.4000000	0.0000000	90.0000000	0.0000000	271.6794298
1550	1.2980000	5.2000000	2.4000000	0.0000000	90.0000000	0.0000000	270.9990213
1551	1.2980000	5.6000000	2.4000000	0.0000000	90.0000000	0.0000000	270.6405251
1552	1.2980000	6.0000000	2.4000000	0.0000000	90.0000000	0.0000000	270.4597397
1553	1.2980000	7.0000000	2.4000000	0.0000000	90.0000000	0.0000000	270.3293432
1554	1.2980000	8.0000000	2.4000000	0.0000000	90.0000000	0.0000000	270.3351163
1555	1.2980000	9.0000000	2.4000000	0.0000000	90.0000000	0.0000000	270.3556986
1556	1.2980000	10.0000000	2.4000000	0.0000000	90.0000000	0.0000000	270.3714491
1557	1.2980000	0.8000000	2.6000000	0.0000000	90.0000000	0.0000000	428.0301924
1558	1.2980000	0.9000000	2.6000000	0.0000000	90.0000000	0.0000000	207.5238025
1559	1.2980000	1.0000000	2.6000000	0.0000000	90.0000000	0.0000000	117.8688256
1560	1.2980000	1.1000000	2.6000000	0.0000000	90.0000000	0.0000000	96.5745426
1561	1.2980000	1.2000000	2.6000000	0.0000000	90.0000000	0.0000000	109.2635372
1562	1.2980000	1.3000000	2.6000000	0.0000000	90.0000000	0.0000000	136.7889893
1563	1.2980000	1.4000000	2.6000000	0.0000000	90.0000000	0.0000000	168.5118522
1564	1.2980000	1.5000000	2.6000000	0.0000000	90.0000000	0.0000000	198.7382933
1565	1.2980000	1.6000000	2.6000000	0.0000000	90.0000000	0.0000000	224.7388347
1566	1.2980000	1.7000000	2.6000000	0.0000000	90.0000000	0.0000000	245.5646818
1567	1.2980000	1.8000000	2.6000000	0.0000000	90.0000000	0.0000000	261.1421025
1568	1.2980000	2.0000000	2.6000000	0.0000000	90.0000000	0.0000000	278.7714164
1569	1.2980000	2.2000000	2.6000000	0.0000000	90.0000000	0.0000000	284.9100906
1570	1.2980000	2.4000000	2.6000000	0.0000000	90.0000000	0.0000000	285.5728033
1571	1.2980000	2.6000000	2.6000000	0.0000000	90.0000000	0.0000000	284.1227544
1572	1.2980000	2.8000000	2.6000000	0.0000000	90.0000000	0.0000000	282.0756931
1573	1.2980000	3.0000000	2.6000000	0.0000000	90.0000000	0.0000000	280.0143244
1574	1.2980000	3.2000000	2.6000000	0.0000000	90.0000000	0.0000000	278.1424637
1575	1.2980000	3.4000000	2.6000000	0.0000000	90.0000000	0.0000000	276.5210420
1576	1.2980000	3.6000000	2.6000000	0.0000000	90.0000000	0.0000000	275.1580913
1577	1.2980000	3.8000000	2.6000000	0.0000000	90.0000000	0.0000000	274.0397440
1578	1.2980000	4.0000000	2.6000000	0.0000000	90.0000000	0.0000000	273.1410876
1579	1.2980000	4.4000000	2.6000000	0.0000000	90.0000000	0.0000000	271.8812997
1580	1.2980000	4.8000000	2.6000000	0.0000000	90.0000000	0.0000000	271.1412777
1581	1.2980000	5.2000000	2.6000000	0.0000000	90.0000000	0.0000000	270.7292550
1582	1.2980000	5.6000000	2.6000000	0.0000000	90.0000000	0.0000000	270.5111327
1583	1.2980000	6.0000000	2.6000000	0.0000000	90.0000000	0.0000000	270.4013813
1584	1.2980000	7.0000000	2.6000000	0.0000000	90.0000000	0.0000000	270.3282137
1585	1.2980000	8.0000000	2.6000000	0.0000000	90.0000000	0.0000000	270.3407011
1586	1.2980000	9.0000000	2.6000000	0.0000000	90.0000000	0.0000000	270.3597146
1587	1.2980000	10.0000000	2.6000000	0.0000000	90.0000000	0.0000000	270.3739591
1588	1.2980000	0.8000000	2.8000000	0.0000000	90.0000000	0.0000000	401.4633866
1589	1.2980000	0.9000000	2.8000000	0.0000000	90.0000000	0.0000000	180.3678279
1590	1.2980000	1.0000000	2.8000000	0.0000000	90.0000000	0.0000000	90.5927458
1591	1.2980000	1.1000000	2.8000000	0.0000000	90.0000000	0.0000000	69.5707392
1592	1.2980000	1.2000000	2.8000000	0.0000000	90.0000000	0.0000000	82.8807171
1593	1.2980000	1.3000000	2.8000000	0.0000000	90.0000000	0.0000000	111.3574736
1594	1.2980000	1.4000000	2.8000000	0.0000000	90.0000000	0.0000000	144.3624638
1595	1.2980000	1.5000000	2.8000000	0.0000000	90.0000000	0.0000000	176.2021691
1596	1.2980000	1.6000000	2.8000000	0.0000000	90.0000000	0.0000000	204.1002991
1597	1.2980000	1.7000000	2.8000000	0.0000000	90.0000000	0.0000000	226.9984963
1598	1.2980000	1.8000000	2.8000000	0.0000000	90.0000000	0.0000000	244.7607167
1599	1.2980000	2.0000000	2.8000000	0.0000000	90.0000000	0.0000000	266.2799618
1600	1.2980000	2.2000000	2.8000000	0.0000000	90.0000000	0.0000000	274.8900193
1601	1.2980000	2.4000000	2.8000000	0.0000000	90.0000000	0.0000000	277.3178535

1602	1.2980000	2.6000000	2.8000000	0.0000000	90.0000000	0.0000000	277.3379965
1603	1.2980000	2.8000000	2.8000000	0.0000000	90.0000000	0.0000000	276.5615163
1604	1.2980000	3.0000000	2.8000000	0.0000000	90.0000000	0.0000000	275.5903199
1605	1.2980000	3.2000000	2.8000000	0.0000000	90.0000000	0.0000000	274.6386391
1606	1.2980000	3.4000000	2.8000000	0.0000000	90.0000000	0.0000000	273.7808963
1607	1.2980000	3.6000000	2.8000000	0.0000000	90.0000000	0.0000000	273.0414391
1608	1.2980000	3.8000000	2.8000000	0.0000000	90.0000000	0.0000000	272.4243463
1609	1.2980000	4.0000000	2.8000000	0.0000000	90.0000000	0.0000000	271.9228408
1610	1.2980000	4.4000000	2.8000000	0.0000000	90.0000000	0.0000000	271.2121863
1611	1.2980000	4.8000000	2.8000000	0.0000000	90.0000000	0.0000000	270.7898724
1612	1.2980000	5.2000000	2.8000000	0.0000000	90.0000000	0.0000000	270.5526739
1613	1.2980000	5.6000000	2.8000000	0.0000000	90.0000000	0.0000000	270.4267954
1614	1.2980000	6.0000000	2.8000000	0.0000000	90.0000000	0.0000000	270.3644837
1615	1.2980000	7.0000000	2.8000000	0.0000000	90.0000000	0.0000000	270.3300335
1616	1.2980000	8.0000000	2.8000000	0.0000000	90.0000000	0.0000000	270.3462232
1617	1.2980000	9.0000000	2.8000000	0.0000000	90.0000000	0.0000000	270.3635424
1618	1.2980000	10.0000000	2.8000000	0.0000000	90.0000000	0.0000000	270.3763436
1619	1.2980000	0.8000000	3.0000000	0.0000000	90.0000000	0.0000000	388.1706651
1620	1.2980000	0.9000000	3.0000000	0.0000000	90.0000000	0.0000000	166.5384604
1621	1.2980000	1.0000000	3.0000000	0.0000000	90.0000000	0.0000000	76.4894077
1622	1.2980000	1.1000000	3.0000000	0.0000000	90.0000000	0.0000000	55.4141882
1623	1.2980000	1.2000000	3.0000000	0.0000000	90.0000000	0.0000000	68.8683051
1624	1.2980000	1.3000000	3.0000000	0.0000000	90.0000000	0.0000000	97.6753198
1625	1.2980000	1.4000000	3.0000000	0.0000000	90.0000000	0.0000000	131.1938638
1626	1.2980000	1.5000000	3.0000000	0.0000000	90.0000000	0.0000000	163.7284103
1627	1.2980000	1.6000000	3.0000000	0.0000000	90.0000000	0.0000000	192.4844712
1628	1.2980000	1.7000000	3.0000000	0.0000000	90.0000000	0.0000000	216.3570651
1629	1.2980000	1.8000000	3.0000000	0.0000000	90.0000000	0.0000000	235.1775174
1630	1.2980000	2.0000000	3.0000000	0.0000000	90.0000000	0.0000000	258.8251493
1631	1.2980000	2.2000000	3.0000000	0.0000000	90.0000000	0.0000000	268.9451828
1632	1.2980000	2.4000000	3.0000000	0.0000000	90.0000000	0.0000000	272.4328177
1633	1.2980000	2.6000000	3.0000000	0.0000000	90.0000000	0.0000000	273.3134645
1634	1.2980000	2.8000000	3.0000000	0.0000000	90.0000000	0.0000000	273.2759394
1635	1.2980000	3.0000000	3.0000000	0.0000000	90.0000000	0.0000000	272.9412259
1636	1.2980000	3.2000000	3.0000000	0.0000000	90.0000000	0.0000000	272.5305837
1637	1.2980000	3.4000000	3.0000000	0.0000000	90.0000000	0.0000000	272.1251499
1638	1.2980000	3.6000000	3.0000000	0.0000000	90.0000000	0.0000000	271.7574920
1639	1.2980000	3.8000000	3.0000000	0.0000000	90.0000000	0.0000000	271.4411017
1640	1.2980000	4.0000000	3.0000000	0.0000000	90.0000000	0.0000000	271.1789282
1641	1.2980000	4.4000000	3.0000000	0.0000000	90.0000000	0.0000000	270.8010421
1642	1.2980000	4.8000000	3.0000000	0.0000000	90.0000000	0.0000000	270.5728169
1643	1.2980000	5.2000000	3.0000000	0.0000000	90.0000000	0.0000000	270.4434872
1644	1.2980000	5.6000000	3.0000000	0.0000000	90.0000000	0.0000000	270.3755906
1645	1.2980000	6.0000000	3.0000000	0.0000000	90.0000000	0.0000000	270.3435877
1646	1.2980000	7.0000000	3.0000000	0.0000000	90.0000000	0.0000000	270.3339868
1647	1.2980000	8.0000000	3.0000000	0.0000000	90.0000000	0.0000000	270.3515570
1648	1.2980000	9.0000000	3.0000000	0.0000000	90.0000000	0.0000000	270.3671192
1649	1.2980000	10.0000000	3.0000000	0.0000000	90.0000000	0.0000000	270.3785399
1650	1.2980000	0.8000000	3.5000000	0.0000000	90.0000000	0.0000000	377.6926374
1651	1.2980000	0.9000000	3.5000000	0.0000000	90.0000000	0.0000000	155.3345297
1652	1.2980000	1.0000000	3.5000000	0.0000000	90.0000000	0.0000000	64.8080051
1653	1.2980000	1.1000000	3.5000000	0.0000000	90.0000000	0.0000000	43.4620780
1654	1.2980000	1.2000000	3.5000000	0.0000000	90.0000000	0.0000000	56.8319203
1655	1.2980000	1.3000000	3.5000000	0.0000000	90.0000000	0.0000000	85.7326850
1656	1.2980000	1.4000000	3.5000000	0.0000000	90.0000000	0.0000000	119.5216229
1657	1.2980000	1.5000000	3.5000000	0.0000000	90.0000000	0.0000000	152.5041483

1658	1.2980000	1.6000000	3.5000000	0.0000000	90.0000000	0.0000000	181.8751685
1659	1.2980000	1.7000000	3.5000000	0.0000000	90.0000000	0.0000000	206.4948752
1660	1.2980000	1.8000000	3.5000000	0.0000000	90.0000000	0.0000000	226.1653519
1661	1.2980000	2.0000000	3.5000000	0.0000000	90.0000000	0.0000000	251.7108861
1662	1.2980000	2.2000000	3.5000000	0.0000000	90.0000000	0.0000000	263.3080142
1663	1.2980000	2.4000000	3.5000000	0.0000000	90.0000000	0.0000000	267.8108967
1664	1.2980000	2.6000000	3.5000000	0.0000000	90.0000000	0.0000000	269.4921828
1665	1.2980000	2.8000000	3.5000000	0.0000000	90.0000000	0.0000000	270.1370116
1666	1.2980000	3.0000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3924079
1667	1.2980000	3.2000000	3.5000000	0.0000000	90.0000000	0.0000000	270.4874128
1668	1.2980000	3.4000000	3.5000000	0.0000000	90.0000000	0.0000000	270.5086854
1669	1.2980000	3.6000000	3.5000000	0.0000000	90.0000000	0.0000000	270.4951939
1670	1.2980000	3.8000000	3.5000000	0.0000000	90.0000000	0.0000000	270.4679600
1671	1.2980000	4.0000000	3.5000000	0.0000000	90.0000000	0.0000000	270.4380906
1672	1.2980000	4.4000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3878270
1673	1.2980000	4.8000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3551966
1674	1.2980000	5.2000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3380028
1675	1.2980000	5.6000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3320415
1676	1.2980000	6.0000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3330455
1677	1.2980000	7.0000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3476665
1678	1.2980000	8.0000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3632287
1679	1.2980000	9.0000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3749004
1680	1.2980000	10.0000000	3.5000000	0.0000000	90.0000000	0.0000000	270.3833090
1681	1.2980000	0.8000000	4.0000000	0.0000000	90.0000000	0.0000000	376.2199982
1682	1.2980000	0.9000000	4.0000000	0.0000000	90.0000000	0.0000000	153.6696844
1683	1.2980000	1.0000000	4.0000000	0.0000000	90.0000000	0.0000000	63.0003385
1684	1.2980000	1.1000000	4.0000000	0.0000000	90.0000000	0.0000000	41.5499312
1685	1.2980000	1.2000000	4.0000000	0.0000000	90.0000000	0.0000000	54.8495551
1686	1.2980000	1.3000000	4.0000000	0.0000000	90.0000000	0.0000000	83.7136104
1687	1.2980000	1.4000000	4.0000000	0.0000000	90.0000000	0.0000000	117.5004776
1688	1.2980000	1.5000000	4.0000000	0.0000000	90.0000000	0.0000000	150.5177043
1689	1.2980000	1.6000000	4.0000000	0.0000000	90.0000000	0.0000000	179.9598840
1690	1.2980000	1.7000000	4.0000000	0.0000000	90.0000000	0.0000000	204.6821258
1691	1.2980000	1.8000000	4.0000000	0.0000000	90.0000000	0.0000000	224.4829363
1692	1.2980000	2.0000000	4.0000000	0.0000000	90.0000000	0.0000000	250.3792482
1693	1.2980000	2.2000000	4.0000000	0.0000000	90.0000000	0.0000000	262.2760121
1694	1.2980000	2.4000000	4.0000000	0.0000000	90.0000000	0.0000000	266.9717283
1695	1.2980000	2.6000000	4.0000000	0.0000000	90.0000000	0.0000000	268.7955218
1696	1.2980000	2.8000000	4.0000000	0.0000000	90.0000000	0.0000000	269.5597656
1697	1.2980000	3.0000000	4.0000000	0.0000000	90.0000000	0.0000000	269.9190148
1698	1.2980000	3.2000000	4.0000000	0.0000000	90.0000000	0.0000000	270.1043183
1699	1.2980000	3.4000000	4.0000000	0.0000000	90.0000000	0.0000000	270.2032138
1700	1.2980000	3.6000000	4.0000000	0.0000000	90.0000000	0.0000000	270.2556735
1701	1.2980000	3.8000000	4.0000000	0.0000000	90.0000000	0.0000000	270.2835350
1702	1.2980000	4.0000000	4.0000000	0.0000000	90.0000000	0.0000000	270.2992228
1703	1.2980000	4.4000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3154125
1704	1.2980000	4.8000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3241976
1705	1.2980000	5.2000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3312885
1706	1.2980000	5.6000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3384421
1707	1.2980000	6.0000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3454702
1708	1.2980000	7.0000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3606559
1709	1.2980000	8.0000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3722648
1710	1.2980000	9.0000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3809244
1711	1.2980000	10.0000000	4.0000000	0.0000000	90.0000000	0.0000000	270.3869485
1712	1.2980000	0.8000000	10.0000000	0.0000000	90.0000000	0.0000000	376.3022646
1713	1.2980000	0.9000000	10.0000000	0.0000000	90.0000000	0.0000000	153.6775283

1714	1.2980000	1.0000000	10.0000000	0.0000000	90.0000000	0.0000000	62.9578561
1715	1.2980000	1.1000000	10.0000000	0.0000000	90.0000000	0.0000000	41.4721827
1716	1.2980000	1.2000000	10.0000000	0.0000000	90.0000000	0.0000000	54.7475222
1717	1.2980000	1.3000000	10.0000000	0.0000000	90.0000000	0.0000000	83.5951994
1718	1.2980000	1.4000000	10.0000000	0.0000000	90.0000000	0.0000000	117.3715872
1719	1.2980000	1.5000000	10.0000000	0.0000000	90.0000000	0.0000000	150.3829153
1720	1.2980000	1.6000000	10.0000000	0.0000000	90.0000000	0.0000000	179.8227105
1721	1.2980000	1.7000000	10.0000000	0.0000000	90.0000000	0.0000000	204.5432580
1722	1.2980000	1.8000000	10.0000000	0.0000000	90.0000000	0.0000000	224.3455117
1723	1.2980000	2.0000000	10.0000000	0.0000000	90.0000000	0.0000000	250.2834276
1724	1.2980000	2.2000000	10.0000000	0.0000000	90.0000000	0.0000000	262.2258741
1725	1.2980000	2.4000000	10.0000000	0.0000000	90.0000000	0.0000000	266.9437413
1726	1.2980000	2.6000000	10.0000000	0.0000000	90.0000000	0.0000000	268.7816538
1727	1.2980000	2.8000000	10.0000000	0.0000000	90.0000000	0.0000000	269.5589498
1728	1.2980000	3.0000000	10.0000000	0.0000000	90.0000000	0.0000000	269.9311884
1729	1.2980000	3.2000000	10.0000000	0.0000000	90.0000000	0.0000000	270.1287284
1730	1.2980000	3.4000000	10.0000000	0.0000000	90.0000000	0.0000000	270.2383543
1731	1.2980000	3.6000000	10.0000000	0.0000000	90.0000000	0.0000000	270.2995993
1732	1.2980000	3.8000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3342378
1733	1.2980000	4.0000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3546318
1734	1.2980000	4.4000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3758416
1735	1.2980000	4.8000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3851915
1736	1.2980000	5.2000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3897723
1737	1.2980000	5.6000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3925961
1738	1.2980000	6.0000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3943531
1739	1.2980000	7.0000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3960474
1740	1.2980000	8.0000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3964867
1741	1.2980000	9.0000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3964867
1742	1.2980000	10.0000000	10.0000000	0.0000000	90.0000000	0.0000000	270.3967377
1743	1.0980000	1.5000000	1.0000000	0.0000000	60.0000000	0.0000000	1887.3380499
1744	1.0980000	1.6000000	1.0000000	0.0000000	60.0000000	0.0000000	1493.7608448
1745	1.0980000	1.7000000	1.0000000	0.0000000	60.0000000	0.0000000	1187.3475922
1746	1.0980000	1.8000000	1.0000000	0.0000000	60.0000000	0.0000000	952.5928467
1747	1.0980000	2.0000000	1.0000000	0.0000000	60.0000000	0.0000000	643.4417073
1748	1.0980000	2.2000000	1.0000000	0.0000000	60.0000000	0.0000000	476.9437401
1749	1.0980000	2.4000000	1.0000000	0.0000000	60.0000000	0.0000000	391.9330864
1750	1.0980000	2.6000000	1.0000000	0.0000000	60.0000000	0.0000000	348.8769631
1751	1.0980000	2.8000000	1.0000000	0.0000000	60.0000000	0.0000000	327.9891808
1752	1.0980000	3.0000000	1.0000000	0.0000000	60.0000000	0.0000000	320.4182161
1753	1.0980000	3.5000000	1.0000000	0.0000000	60.0000000	0.0000000	346.6859510
1754	1.0980000	4.0000000	1.0000000	0.0000000	60.0000000	0.0000000	314.9841724
1755	1.0980000	4.5000000	1.0000000	0.0000000	60.0000000	0.0000000	272.7304454
1756	1.0980000	5.0000000	1.0000000	0.0000000	60.0000000	0.0000000	249.9716808
1757	1.0980000	5.5000000	1.0000000	0.0000000	60.0000000	0.0000000	238.5493769
1758	1.0980000	6.0000000	1.0000000	0.0000000	60.0000000	0.0000000	233.0764903
1759	1.0980000	7.0000000	1.0000000	0.0000000	60.0000000	0.0000000	229.4705070
1760	1.0980000	8.0000000	1.0000000	0.0000000	60.0000000	0.0000000	228.8506532
1761	1.0980000	9.0000000	1.0000000	0.0000000	60.0000000	0.0000000	228.7815017
1762	1.0980000	10.0000000	1.0000000	0.0000000	60.0000000	0.0000000	228.7937381
1763	1.0980000	1.5000000	1.1000000	0.0000000	60.0000000	0.0000000	1647.6874127
1764	1.0980000	1.6000000	1.1000000	0.0000000	60.0000000	0.0000000	1362.0177407
1765	1.0980000	1.7000000	1.1000000	0.0000000	60.0000000	0.0000000	1112.2877954
1766	1.0980000	1.8000000	1.1000000	0.0000000	60.0000000	0.0000000	913.1878244
1767	1.0980000	2.0000000	1.1000000	0.0000000	60.0000000	0.0000000	638.1992422
1768	1.0980000	2.2000000	1.1000000	0.0000000	60.0000000	0.0000000	481.0497856
1769	1.0980000	2.4000000	1.1000000	0.0000000	60.0000000	0.0000000	396.5890812

1770	1.0980000	2.6000000	1.1000000	0.0000000	60.0000000	0.0000000	353.4490599
1771	1.0980000	2.8000000	1.1000000	0.0000000	60.0000000	0.0000000	332.7803411
1772	1.0980000	3.0000000	1.1000000	0.0000000	60.0000000	0.0000000	324.5909659
1773	1.0980000	3.5000000	1.1000000	0.0000000	60.0000000	0.0000000	348.2065319
1774	1.0980000	4.0000000	1.1000000	0.0000000	60.0000000	0.0000000	312.8744855
1775	1.0980000	4.5000000	1.1000000	0.0000000	60.0000000	0.0000000	272.3196150
1776	1.0980000	5.0000000	1.1000000	0.0000000	60.0000000	0.0000000	250.0078253
1777	1.0980000	5.5000000	1.1000000	0.0000000	60.0000000	0.0000000	238.6789576
1778	1.0980000	6.0000000	1.1000000	0.0000000	60.0000000	0.0000000	233.1863671
1779	1.0980000	7.0000000	1.1000000	0.0000000	60.0000000	0.0000000	229.5079694
1780	1.0980000	8.0000000	1.1000000	0.0000000	60.0000000	0.0000000	228.8591246
1781	1.0980000	9.0000000	1.1000000	0.0000000	60.0000000	0.0000000	228.7825684
1782	1.0980000	10.0000000	1.1000000	0.0000000	60.0000000	0.0000000	228.7934871
1783	1.0980000	1.3000000	1.2000000	0.0000000	60.0000000	0.0000000	1857.6791911
1784	1.0980000	1.4000000	1.2000000	0.0000000	60.0000000	0.0000000	1595.7156976
1785	1.0980000	1.5000000	1.2000000	0.0000000	60.0000000	0.0000000	1356.0192522
1786	1.0980000	1.6000000	1.2000000	0.0000000	60.0000000	0.0000000	1144.9788427
1787	1.0980000	1.7000000	1.2000000	0.0000000	60.0000000	0.0000000	987.0704134
1788	1.0980000	1.8000000	1.2000000	0.0000000	60.0000000	0.0000000	836.1618523
1789	1.0980000	2.0000000	1.2000000	0.0000000	60.0000000	0.0000000	614.3410811
1790	1.0980000	2.2000000	1.2000000	0.0000000	60.0000000	0.0000000	478.2541054
1791	1.0980000	2.4000000	1.2000000	0.0000000	60.0000000	0.0000000	400.5360531
1792	1.0980000	2.6000000	1.2000000	0.0000000	60.0000000	0.0000000	358.9636758
1793	1.0980000	2.8000000	1.2000000	0.0000000	60.0000000	0.0000000	338.3131549
1794	1.0980000	3.0000000	1.2000000	0.0000000	60.0000000	0.0000000	329.4270559
1795	1.0980000	3.5000000	1.2000000	0.0000000	60.0000000	0.0000000	354.2796314
1796	1.0980000	4.0000000	1.2000000	0.0000000	60.0000000	0.0000000	309.2986228
1797	1.0980000	4.5000000	1.2000000	0.0000000	60.0000000	0.0000000	271.5238702
1798	1.0980000	5.0000000	1.2000000	0.0000000	60.0000000	0.0000000	249.9134480
1799	1.0980000	5.5000000	1.2000000	0.0000000	60.0000000	0.0000000	238.7564550
1800	1.0980000	6.0000000	1.2000000	0.0000000	60.0000000	0.0000000	233.2748460
1801	1.0980000	7.0000000	1.2000000	0.0000000	60.0000000	0.0000000	229.5426707
1802	1.0980000	8.0000000	1.2000000	0.0000000	60.0000000	0.0000000	228.8674705
1803	1.0980000	9.0000000	1.2000000	0.0000000	60.0000000	0.0000000	228.7836979
1804	1.0980000	10.0000000	1.2000000	0.0000000	60.0000000	0.0000000	228.7932988
1805	1.0980000	1.0000000	1.3000000	0.0000000	60.0000000	0.0000000	1842.1742478
1806	1.0980000	1.1000000	1.3000000	0.0000000	60.0000000	0.0000000	1659.5999898
1807	1.0980000	1.2000000	1.3000000	0.0000000	60.0000000	0.0000000	1498.1424297
1808	1.0980000	1.3000000	1.3000000	0.0000000	60.0000000	0.0000000	1345.6139528
1809	1.0980000	1.4000000	1.3000000	0.0000000	60.0000000	0.0000000	1198.7486235
1810	1.0980000	1.5000000	1.3000000	0.0000000	60.0000000	0.0000000	1058.1253192
1811	1.0980000	1.6000000	1.3000000	0.0000000	60.0000000	0.0000000	934.2391985
1812	1.0980000	1.7000000	1.3000000	0.0000000	60.0000000	0.0000000	816.7005244
1813	1.0980000	1.8000000	1.3000000	0.0000000	60.0000000	0.0000000	714.2591635
1814	1.0980000	2.0000000	1.3000000	0.0000000	60.0000000	0.0000000	558.5861112
1815	1.0980000	2.2000000	1.3000000	0.0000000	60.0000000	0.0000000	460.0546364
1816	1.0980000	2.4000000	1.3000000	0.0000000	60.0000000	0.0000000	403.2984124
1817	1.0980000	2.6000000	1.3000000	0.0000000	60.0000000	0.0000000	374.9680540
1818	1.0980000	2.8000000	1.3000000	0.0000000	60.0000000	0.0000000	360.1369931
1819	1.0980000	3.0000000	1.3000000	0.0000000	60.0000000	0.0000000	358.2268543
1820	1.0980000	3.5000000	1.3000000	0.0000000	60.0000000	0.0000000	340.7101783
1821	1.0980000	4.0000000	1.3000000	0.0000000	60.0000000	0.0000000	304.7128463
1822	1.0980000	4.5000000	1.3000000	0.0000000	60.0000000	0.0000000	270.3477292
1823	1.0980000	5.0000000	1.3000000	0.0000000	60.0000000	0.0000000	249.6731118
1824	1.0980000	5.5000000	1.3000000	0.0000000	60.0000000	0.0000000	238.7723938
1825	1.0980000	6.0000000	1.3000000	0.0000000	60.0000000	0.0000000	233.3370322

1826	1.0980000	7.0000000	1.3000000	0.0000000	60.0000000	0.0000000	229.5736069
1827	1.0980000	8.0000000	1.3000000	0.0000000	60.0000000	0.0000000	228.8754399
1828	1.0980000	9.0000000	1.3000000	0.0000000	60.0000000	0.0000000	228.7848275
1829	1.0980000	10.0000000	1.3000000	0.0000000	60.0000000	0.0000000	228.7930478
1830	1.0980000	0.8000000	1.4000000	0.0000000	60.0000000	0.0000000	1702.2140955
1831	1.0980000	0.9000000	1.4000000	0.0000000	60.0000000	0.0000000	1408.0275512
1832	1.0980000	1.0000000	1.4000000	0.0000000	60.0000000	0.0000000	1231.0766566
1833	1.0980000	1.1000000	1.4000000	0.0000000	60.0000000	0.0000000	1113.0870542
1834	1.0980000	1.2000000	1.4000000	0.0000000	60.0000000	0.0000000	1022.3948670
1835	1.0980000	1.3000000	1.4000000	0.0000000	60.0000000	0.0000000	943.0482392
1836	1.0980000	1.4000000	1.4000000	0.0000000	60.0000000	0.0000000	867.8646977
1837	1.0980000	1.5000000	1.4000000	0.0000000	60.0000000	0.0000000	794.3722940
1838	1.0980000	1.6000000	1.4000000	0.0000000	60.0000000	0.0000000	722.5774919
1839	1.0980000	1.7000000	1.4000000	0.0000000	60.0000000	0.0000000	654.1305782
1840	1.0980000	1.8000000	1.4000000	0.0000000	60.0000000	0.0000000	591.5185614
1841	1.0980000	2.0000000	1.4000000	0.0000000	60.0000000	0.0000000	490.3780277
1842	1.0980000	2.2000000	1.4000000	0.0000000	60.0000000	0.0000000	422.7021977
1843	1.0980000	2.4000000	1.4000000	0.0000000	60.0000000	0.0000000	382.6972137
1844	1.0980000	2.6000000	1.4000000	0.0000000	60.0000000	0.0000000	359.3532965
1845	1.0980000	2.8000000	1.4000000	0.0000000	60.0000000	0.0000000	347.2615027
1846	1.0980000	3.0000000	1.4000000	0.0000000	60.0000000	0.0000000	340.6336849
1847	1.0980000	3.5000000	1.4000000	0.0000000	60.0000000	0.0000000	328.2999862
1848	1.0980000	4.0000000	1.4000000	0.0000000	60.0000000	0.0000000	299.6059232
1849	1.0980000	4.5000000	1.4000000	0.0000000	60.0000000	0.0000000	268.8293446
1850	1.0980000	5.0000000	1.4000000	0.0000000	60.0000000	0.0000000	249.2800399
1851	1.0980000	5.5000000	1.4000000	0.0000000	60.0000000	0.0000000	238.7198084
1852	1.0980000	6.0000000	1.4000000	0.0000000	60.0000000	0.0000000	233.3689724
1853	1.0980000	7.0000000	1.4000000	0.0000000	60.0000000	0.0000000	229.5997740
1854	1.0980000	8.0000000	1.4000000	0.0000000	60.0000000	0.0000000	228.8829072
1855	1.0980000	9.0000000	1.4000000	0.0000000	60.0000000	0.0000000	228.7860197
1856	1.0980000	10.0000000	1.4000000	0.0000000	60.0000000	0.0000000	228.7929223
1857	1.0980000	0.8000000	1.5000000	0.0000000	60.0000000	0.0000000	1275.9493571
1858	1.0980000	0.9000000	1.5000000	0.0000000	60.0000000	0.0000000	994.4602787
1859	1.0980000	1.0000000	1.5000000	0.0000000	60.0000000	0.0000000	838.9746634
1860	1.0980000	1.1000000	1.5000000	0.0000000	60.0000000	0.0000000	749.8983131
1861	1.0980000	1.2000000	1.5000000	0.0000000	60.0000000	0.0000000	694.1413980
1862	1.0980000	1.3000000	1.5000000	0.0000000	60.0000000	0.0000000	653.4852475
1863	1.0980000	1.4000000	1.5000000	0.0000000	60.0000000	0.0000000	618.5799703
1864	1.0980000	1.5000000	1.5000000	0.0000000	60.0000000	0.0000000	585.2356856
1865	1.0980000	1.6000000	1.5000000	0.0000000	60.0000000	0.0000000	552.0383636
1866	1.0980000	1.7000000	1.5000000	0.0000000	60.0000000	0.0000000	518.9381802
1867	1.0980000	1.8000000	1.5000000	0.0000000	60.0000000	0.0000000	486.6773533
1868	1.0980000	2.0000000	1.5000000	0.0000000	60.0000000	0.0000000	429.3054172
1869	1.0980000	2.2000000	1.5000000	0.0000000	60.0000000	0.0000000	386.0624842
1870	1.0980000	2.4000000	1.5000000	0.0000000	60.0000000	0.0000000	357.7527081
1871	1.0980000	2.6000000	1.5000000	0.0000000	60.0000000	0.0000000	341.5566258
1872	1.0980000	2.8000000	1.5000000	0.0000000	60.0000000	0.0000000	333.3462919
1873	1.0980000	3.0000000	1.5000000	0.0000000	60.0000000	0.0000000	328.4609423
1874	1.0980000	3.5000000	1.5000000	0.0000000	60.0000000	0.0000000	317.6080405
1875	1.0980000	4.0000000	1.5000000	0.0000000	60.0000000	0.0000000	294.3830991
1876	1.0980000	4.5000000	1.5000000	0.0000000	60.0000000	0.0000000	267.0307141
1877	1.0980000	5.0000000	1.5000000	0.0000000	60.0000000	0.0000000	248.7362402
1878	1.0980000	5.5000000	1.5000000	0.0000000	60.0000000	0.0000000	238.5948713
1879	1.0980000	6.0000000	1.5000000	0.0000000	60.0000000	0.0000000	233.3678429
1880	1.0980000	7.0000000	1.5000000	0.0000000	60.0000000	0.0000000	229.6204190
1881	1.0980000	8.0000000	1.5000000	0.0000000	60.0000000	0.0000000	228.8897471

1882	1.0980000	9.0000000	1.5000000	0.0000000	60.0000000	0.0000000	228.7871492
1883	1.0980000	10.0000000	1.5000000	0.0000000	60.0000000	0.0000000	228.7927341
1884	1.0980000	0.8000000	1.6000000	0.0000000	60.0000000	0.0000000	1024.4346492
1885	1.0980000	0.9000000	1.6000000	0.0000000	60.0000000	0.0000000	745.7237436
1886	1.0980000	1.0000000	1.6000000	0.0000000	60.0000000	0.0000000	598.6272398
1887	1.0980000	1.1000000	1.6000000	0.0000000	60.0000000	0.0000000	519.7698812
1888	1.0980000	1.2000000	1.6000000	0.0000000	60.0000000	0.0000000	479.7436874
1889	1.0980000	1.3000000	1.6000000	0.0000000	60.0000000	0.0000000	458.2470953
1890	1.0980000	1.4000000	1.6000000	0.0000000	60.0000000	0.0000000	444.7676271
1891	1.0980000	1.5000000	1.6000000	0.0000000	60.0000000	0.0000000	433.9476695
1892	1.0980000	1.6000000	1.6000000	0.0000000	60.0000000	0.0000000	423.4108441
1893	1.0980000	1.7000000	1.6000000	0.0000000	60.0000000	0.0000000	412.3064364
1894	1.0980000	1.8000000	1.6000000	0.0000000	60.0000000	0.0000000	400.4893663
1895	1.0980000	2.0000000	1.6000000	0.0000000	60.0000000	0.0000000	375.9761480
1896	1.0980000	2.2000000	1.6000000	0.0000000	60.0000000	0.0000000	353.7165044
1897	1.0980000	2.4000000	1.6000000	0.0000000	60.0000000	0.0000000	336.9326968
1898	1.0980000	2.6000000	1.6000000	0.0000000	60.0000000	0.0000000	326.6035771
1899	1.0980000	2.8000000	1.6000000	0.0000000	60.0000000	0.0000000	320.5528169
1900	1.0980000	3.0000000	1.6000000	0.0000000	60.0000000	0.0000000	316.8537113
1901	1.0980000	3.5000000	1.6000000	0.0000000	60.0000000	0.0000000	308.7298482
1902	1.0980000	4.0000000	1.6000000	0.0000000	60.0000000	0.0000000	289.3190976
1903	1.0980000	4.5000000	1.6000000	0.0000000	60.0000000	0.0000000	265.0233113
1904	1.0980000	5.0000000	1.6000000	0.0000000	60.0000000	0.0000000	248.0514391
1905	1.0980000	5.5000000	1.6000000	0.0000000	60.0000000	0.0000000	238.3968294
1906	1.0980000	6.0000000	1.6000000	0.0000000	60.0000000	0.0000000	233.3319494
1907	1.0980000	7.0000000	1.6000000	0.0000000	60.0000000	0.0000000	229.6347263
1908	1.0980000	8.0000000	1.6000000	0.0000000	60.0000000	0.0000000	228.8957084
1909	1.0980000	9.0000000	1.6000000	0.0000000	60.0000000	0.0000000	228.7883415
1910	1.0980000	10.0000000	1.6000000	0.0000000	60.0000000	0.0000000	228.7926713
1911	1.0980000	0.8000000	1.7000000	0.0000000	60.0000000	0.0000000	880.0272745
1912	1.0980000	0.9000000	1.7000000	0.0000000	60.0000000	0.0000000	601.8227063
1913	1.0980000	1.0000000	1.7000000	0.0000000	60.0000000	0.0000000	456.9321493
1914	1.0980000	1.1000000	1.7000000	0.0000000	60.0000000	0.0000000	382.0587856
1915	1.0980000	1.2000000	1.7000000	0.0000000	60.0000000	0.0000000	348.4362004
1916	1.0980000	1.3000000	1.7000000	0.0000000	60.0000000	0.0000000	335.6010589
1917	1.0980000	1.4000000	1.7000000	0.0000000	60.0000000	0.0000000	332.6450501
1918	1.0980000	1.5000000	1.7000000	0.0000000	60.0000000	0.0000000	333.6190075
1919	1.0980000	1.6000000	1.7000000	0.0000000	60.0000000	0.0000000	335.5282678
1920	1.0980000	1.7000000	1.7000000	0.0000000	60.0000000	0.0000000	337.0009698
1921	1.0980000	1.8000000	1.7000000	0.0000000	60.0000000	0.0000000	337.4559769
1922	1.0980000	2.0000000	1.7000000	0.0000000	60.0000000	0.0000000	334.8305400
1923	1.0980000	2.2000000	1.7000000	0.0000000	60.0000000	0.0000000	328.4033998
1924	1.0980000	2.4000000	1.7000000	0.0000000	60.0000000	0.0000000	320.7245036
1925	1.0980000	2.6000000	1.7000000	0.0000000	60.0000000	0.0000000	314.9334069
1926	1.0980000	2.8000000	1.7000000	0.0000000	60.0000000	0.0000000	310.7809257
1927	1.0980000	3.0000000	1.7000000	0.0000000	60.0000000	0.0000000	308.1344673
1928	1.0980000	3.5000000	1.7000000	0.0000000	60.0000000	0.0000000	301.5408487
1929	1.0980000	4.0000000	1.7000000	0.0000000	60.0000000	0.0000000	284.5578067
1930	1.0980000	4.5000000	1.7000000	0.0000000	60.0000000	0.0000000	262.8755347
1931	1.0980000	5.0000000	1.7000000	0.0000000	60.0000000	0.0000000	247.2411362
1932	1.0980000	5.5000000	1.7000000	0.0000000	60.0000000	0.0000000	238.1279416
1933	1.0980000	6.0000000	1.7000000	0.0000000	60.0000000	0.0000000	233.2609153
1934	1.0980000	7.0000000	1.7000000	0.0000000	60.0000000	0.0000000	229.6423820
1935	1.0980000	8.0000000	1.7000000	0.0000000	60.0000000	0.0000000	228.9006657
1936	1.0980000	9.0000000	1.7000000	0.0000000	60.0000000	0.0000000	228.7894083
1937	1.0980000	10.0000000	1.7000000	0.0000000	60.0000000	0.0000000	228.7926086

1938	1.0980000	0.8000000	1.8000000	0.0000000	60.0000000	0.0000000	793.3766876
1939	1.0980000	0.9000000	1.8000000	0.0000000	60.0000000	0.0000000	519.2814905
1940	1.0980000	1.0000000	1.8000000	0.0000000	60.0000000	0.0000000	377.2907803
1941	1.0980000	1.1000000	1.8000000	0.0000000	60.0000000	0.0000000	309.1005808
1942	1.0980000	1.2000000	1.8000000	0.0000000	60.0000000	0.0000000	274.4939353
1943	1.0980000	1.3000000	1.8000000	0.0000000	60.0000000	0.0000000	265.1656305
1944	1.0980000	1.4000000	1.8000000	0.0000000	60.0000000	0.0000000	266.8210632
1945	1.0980000	1.5000000	1.8000000	0.0000000	60.0000000	0.0000000	273.3466598
1946	1.0980000	1.6000000	1.8000000	0.0000000	60.0000000	0.0000000	281.4738487
1947	1.0980000	1.7000000	1.8000000	0.0000000	60.0000000	0.0000000	289.5296898
1948	1.0980000	1.8000000	1.8000000	0.0000000	60.0000000	0.0000000	296.6595152
1949	1.0980000	2.0000000	1.8000000	0.0000000	60.0000000	0.0000000	306.7825608
1950	1.0980000	2.2000000	1.8000000	0.0000000	60.0000000	0.0000000	310.9706845
1951	1.0980000	2.4000000	1.8000000	0.0000000	60.0000000	0.0000000	310.0008687
1952	1.0980000	2.6000000	1.8000000	0.0000000	60.0000000	0.0000000	306.7444082
1953	1.0980000	2.8000000	1.8000000	0.0000000	60.0000000	0.0000000	303.9966070
1954	1.0980000	3.0000000	1.8000000	0.0000000	60.0000000	0.0000000	301.9940360
1955	1.0980000	3.5000000	1.8000000	0.0000000	60.0000000	0.0000000	295.7689538
1956	1.0980000	4.0000000	1.8000000	0.0000000	60.0000000	0.0000000	280.1348690
1957	1.0980000	4.5000000	1.8000000	0.0000000	60.0000000	0.0000000	260.6436717
1958	1.0980000	5.0000000	1.8000000	0.0000000	60.0000000	0.0000000	246.3242193
1959	1.0980000	5.5000000	1.8000000	0.0000000	60.0000000	0.0000000	237.7929142
1960	1.0980000	6.0000000	1.8000000	0.0000000	60.0000000	0.0000000	233.1556192
1961	1.0980000	7.0000000	1.8000000	0.0000000	60.0000000	0.0000000	229.6429467
1962	1.0980000	8.0000000	1.8000000	0.0000000	60.0000000	0.0000000	228.9046190
1963	1.0980000	9.0000000	1.8000000	0.0000000	60.0000000	0.0000000	228.7904750
1964	1.0980000	10.0000000	1.8000000	0.0000000	60.0000000	0.0000000	228.7925458
1965	1.0980000	0.8000000	1.9000000	0.0000000	60.0000000	0.0000000	736.7794745
1966	1.0980000	0.9000000	1.9000000	0.0000000	60.0000000	0.0000000	480.4247234
1967	1.0980000	1.0000000	1.9000000	0.0000000	60.0000000	0.0000000	339.2720521
1968	1.0980000	1.1000000	1.9000000	0.0000000	60.0000000	0.0000000	270.5873123
1969	1.0980000	1.2000000	1.9000000	0.0000000	60.0000000	0.0000000	238.1298868
1970	1.0980000	1.3000000	1.9000000	0.0000000	60.0000000	0.0000000	230.2208201
1971	1.0980000	1.4000000	1.9000000	0.0000000	60.0000000	0.0000000	233.6593838
1972	1.0980000	1.5000000	1.9000000	0.0000000	60.0000000	0.0000000	242.4160903
1973	1.0980000	1.6000000	1.9000000	0.0000000	60.0000000	0.0000000	253.1842783
1974	1.0980000	1.7000000	1.9000000	0.0000000	60.0000000	0.0000000	264.1784954
1975	1.0980000	1.8000000	1.9000000	0.0000000	60.0000000	0.0000000	274.3988049
1976	1.0980000	2.0000000	1.9000000	0.0000000	60.0000000	0.0000000	290.7977610
1977	1.0980000	2.2000000	1.9000000	0.0000000	60.0000000	0.0000000	301.1493455
1978	1.0980000	2.4000000	1.9000000	0.0000000	60.0000000	0.0000000	303.3438089
1979	1.0980000	2.6000000	1.9000000	0.0000000	60.0000000	0.0000000	301.7591592
1980	1.0980000	2.8000000	1.9000000	0.0000000	60.0000000	0.0000000	299.7547684
1981	1.0980000	3.0000000	1.9000000	0.0000000	60.0000000	0.0000000	297.9021095
1982	1.0980000	3.5000000	1.9000000	0.0000000	60.0000000	0.0000000	291.0392893
1983	1.0980000	4.0000000	1.9000000	0.0000000	60.0000000	0.0000000	276.0098100
1984	1.0980000	4.5000000	1.9000000	0.0000000	60.0000000	0.0000000	258.3686362
1985	1.0980000	5.0000000	1.9000000	0.0000000	60.0000000	0.0000000	245.3208316
1986	1.0980000	5.5000000	1.9000000	0.0000000	60.0000000	0.0000000	237.3987127
1987	1.0980000	6.0000000	1.9000000	0.0000000	60.0000000	0.0000000	233.0178181
1988	1.0980000	7.0000000	1.9000000	0.0000000	60.0000000	0.0000000	229.6363579
1989	1.0980000	8.0000000	1.9000000	0.0000000	60.0000000	0.0000000	228.9074428
1990	1.0980000	9.0000000	1.9000000	0.0000000	60.0000000	0.0000000	228.7914790
1991	1.0980000	10.0000000	1.9000000	0.0000000	60.0000000	0.0000000	228.7926086
1992	1.0980000	0.8000000	2.0000000	0.0000000	60.0000000	0.0000000	651.8762505
1993	1.0980000	0.9000000	2.0000000	0.0000000	60.0000000	0.0000000	419.7461261

1994	1.0980000	1.0000000	2.0000000	0.0000000	60.0000000	0.0000000	307.6168347
1995	1.0980000	1.1000000	2.0000000	0.0000000	60.0000000	0.0000000	249.6421756
1996	1.0980000	1.2000000	2.0000000	0.0000000	60.0000000	0.0000000	223.9631074
1997	1.0980000	1.3000000	2.0000000	0.0000000	60.0000000	0.0000000	217.6020439
1998	1.0980000	1.4000000	2.0000000	0.0000000	60.0000000	0.0000000	221.9312945
1999	1.0980000	1.5000000	2.0000000	0.0000000	60.0000000	0.0000000	231.4460324
2000	1.0980000	1.6000000	2.0000000	0.0000000	60.0000000	0.0000000	243.0106555
2001	1.0980000	1.7000000	2.0000000	0.0000000	60.0000000	0.0000000	254.8569048
2002	1.0980000	1.8000000	2.0000000	0.0000000	60.0000000	0.0000000	265.8986244
2003	1.0980000	2.0000000	2.0000000	0.0000000	60.0000000	0.0000000	284.2326314
2004	1.0980000	2.2000000	2.0000000	0.0000000	60.0000000	0.0000000	297.1150243
2005	1.0980000	2.4000000	2.0000000	0.0000000	60.0000000	0.0000000	300.1846124
2006	1.0980000	2.6000000	2.0000000	0.0000000	60.0000000	0.0000000	299.2164281
2007	1.0980000	2.8000000	2.0000000	0.0000000	60.0000000	0.0000000	297.3126899
2008	1.0980000	3.0000000	2.0000000	0.0000000	60.0000000	0.0000000	295.1505431
2009	1.0980000	3.5000000	2.0000000	0.0000000	60.0000000	0.0000000	286.9187484
2010	1.0980000	4.0000000	2.0000000	0.0000000	60.0000000	0.0000000	272.1008024
2011	1.0980000	4.5000000	2.0000000	0.0000000	60.0000000	0.0000000	256.0775990
2012	1.0980000	5.0000000	2.0000000	0.0000000	60.0000000	0.0000000	244.2510535
2013	1.0980000	5.5000000	2.0000000	0.0000000	60.0000000	0.0000000	236.9534948
2014	1.0980000	6.0000000	2.0000000	0.0000000	60.0000000	0.0000000	232.8502731
2015	1.0980000	7.0000000	2.0000000	0.0000000	60.0000000	0.0000000	229.6226781
2016	1.0980000	8.0000000	2.0000000	0.0000000	60.0000000	0.0000000	228.9090116
2017	1.0980000	9.0000000	2.0000000	0.0000000	60.0000000	0.0000000	228.7924203
2018	1.0980000	10.0000000	2.0000000	0.0000000	60.0000000	0.0000000	228.7926713
2019	1.0980000	0.8000000	2.2000000	0.0000000	60.0000000	0.0000000	517.6794588
2020	1.0980000	0.9000000	2.2000000	0.0000000	60.0000000	0.0000000	296.4100802
2021	1.0980000	1.0000000	2.2000000	0.0000000	60.0000000	0.0000000	202.4798185
2022	1.0980000	1.1000000	2.2000000	0.0000000	60.0000000	0.0000000	173.9499121
2023	1.0980000	1.2000000	2.2000000	0.0000000	60.0000000	0.0000000	177.2408855
2024	1.0980000	1.3000000	2.2000000	0.0000000	60.0000000	0.0000000	193.9766259
2025	1.0980000	1.4000000	2.2000000	0.0000000	60.0000000	0.0000000	208.0957774
2026	1.0980000	1.5000000	2.2000000	0.0000000	60.0000000	0.0000000	223.6938431
2027	1.0980000	1.6000000	2.2000000	0.0000000	60.0000000	0.0000000	238.1853586
2028	1.0980000	1.7000000	2.2000000	0.0000000	60.0000000	0.0000000	251.4600705
2029	1.0980000	1.8000000	2.2000000	0.0000000	60.0000000	0.0000000	262.9631977
2030	1.0980000	2.0000000	2.2000000	0.0000000	60.0000000	0.0000000	287.5272444
2031	1.0980000	2.2000000	2.2000000	0.0000000	60.0000000	0.0000000	296.9412042
2032	1.0980000	2.4000000	2.2000000	0.0000000	60.0000000	0.0000000	298.4831205
2033	1.0980000	2.6000000	2.2000000	0.0000000	60.0000000	0.0000000	296.7737220
2034	1.0980000	2.8000000	2.2000000	0.0000000	60.0000000	0.0000000	293.8447588
2035	1.0980000	3.0000000	2.2000000	0.0000000	60.0000000	0.0000000	290.2934944
2036	1.0980000	3.5000000	2.2000000	0.0000000	60.0000000	0.0000000	278.8321593
2037	1.0980000	4.0000000	2.2000000	0.0000000	60.0000000	0.0000000	264.5954754
2038	1.0980000	4.5000000	2.2000000	0.0000000	60.0000000	0.0000000	251.5137854
2039	1.0980000	5.0000000	2.2000000	0.0000000	60.0000000	0.0000000	241.9865600
2040	1.0980000	5.5000000	2.2000000	0.0000000	60.0000000	0.0000000	235.9468441
2041	1.0980000	6.0000000	2.2000000	0.0000000	60.0000000	0.0000000	232.4406349
2042	1.0980000	7.0000000	2.2000000	0.0000000	60.0000000	0.0000000	229.5754266
2043	1.0980000	8.0000000	2.2000000	0.0000000	60.0000000	0.0000000	228.9086978
2044	1.0980000	9.0000000	2.2000000	0.0000000	60.0000000	0.0000000	228.7939891
2045	1.0980000	10.0000000	2.2000000	0.0000000	60.0000000	0.0000000	228.7929223
2046	1.0980000	0.8000000	2.4000000	0.0000000	60.0000000	0.0000000	435.5826454
2047	1.0980000	0.9000000	2.4000000	0.0000000	60.0000000	0.0000000	215.4191894
2048	1.0980000	1.0000000	2.4000000	0.0000000	60.0000000	0.0000000	126.0880702
2049	1.0980000	1.1000000	2.4000000	0.0000000	60.0000000	0.0000000	104.2210593

2050	1.0980000	1.2000000	2.4000000	0.0000000	60.0000000	0.0000000	115.6782528
2051	1.0980000	1.3000000	2.4000000	0.0000000	60.0000000	0.0000000	141.7043965
2052	1.0980000	1.4000000	2.4000000	0.0000000	60.0000000	0.0000000	172.1659026
2053	1.0980000	1.5000000	2.4000000	0.0000000	60.0000000	0.0000000	201.8704441
2054	1.0980000	1.6000000	2.4000000	0.0000000	60.0000000	0.0000000	228.3754403
2055	1.0980000	1.7000000	2.4000000	0.0000000	60.0000000	0.0000000	250.7172249
2056	1.0980000	1.8000000	2.4000000	0.0000000	60.0000000	0.0000000	269.2687267
2057	1.0980000	2.0000000	2.4000000	0.0000000	60.0000000	0.0000000	286.0628255
2058	1.0980000	2.2000000	2.4000000	0.0000000	60.0000000	0.0000000	291.5001951
2059	1.0980000	2.4000000	2.4000000	0.0000000	60.0000000	0.0000000	291.7129208
2060	1.0980000	2.6000000	2.4000000	0.0000000	60.0000000	0.0000000	289.2911735
2061	1.0980000	2.8000000	2.4000000	0.0000000	60.0000000	0.0000000	285.6416412
2062	1.0980000	3.0000000	2.4000000	0.0000000	60.0000000	0.0000000	281.3629050
2063	1.0980000	3.5000000	2.4000000	0.0000000	60.0000000	0.0000000	269.3407648
2064	1.0980000	4.0000000	2.4000000	0.0000000	60.0000000	0.0000000	257.2511045
2065	1.0980000	4.5000000	2.4000000	0.0000000	60.0000000	0.0000000	247.0708928
2066	1.0980000	5.0000000	2.4000000	0.0000000	60.0000000	0.0000000	239.6686028
2067	1.0980000	5.5000000	2.4000000	0.0000000	60.0000000	0.0000000	234.8483260
2068	1.0980000	6.0000000	2.4000000	0.0000000	60.0000000	0.0000000	231.9595861
2069	1.0980000	7.0000000	2.4000000	0.0000000	60.0000000	0.0000000	229.5053339
2070	1.0980000	8.0000000	2.4000000	0.0000000	60.0000000	0.0000000	228.9038660
2071	1.0980000	9.0000000	2.4000000	0.0000000	60.0000000	0.0000000	228.7951813
2072	1.0980000	10.0000000	2.4000000	0.0000000	60.0000000	0.0000000	228.7934243
2073	1.0980000	0.8000000	2.6000000	0.0000000	60.0000000	0.0000000	388.5221959
2074	1.0980000	0.9000000	2.6000000	0.0000000	60.0000000	0.0000000	167.5270388
2075	1.0980000	1.0000000	2.6000000	0.0000000	60.0000000	0.0000000	78.7045789
2076	1.0980000	1.1000000	2.6000000	0.0000000	60.0000000	0.0000000	58.3056263
2077	1.0980000	1.2000000	2.6000000	0.0000000	60.0000000	0.0000000	71.9801873
2078	1.0980000	1.3000000	2.6000000	0.0000000	60.0000000	0.0000000	100.6891851
2079	1.0980000	1.4000000	2.6000000	0.0000000	60.0000000	0.0000000	133.9721620
2080	1.0980000	1.5000000	2.6000000	0.0000000	60.0000000	0.0000000	166.3273035
2081	1.0980000	1.6000000	2.6000000	0.0000000	60.0000000	0.0000000	195.1118533
2082	1.0980000	1.7000000	2.6000000	0.0000000	60.0000000	0.0000000	219.3048536
2083	1.0980000	1.8000000	2.6000000	0.0000000	60.0000000	0.0000000	238.7025519
2084	1.0980000	2.0000000	2.6000000	0.0000000	60.0000000	0.0000000	262.6260997
2085	1.0980000	2.2000000	2.6000000	0.0000000	60.0000000	0.0000000	271.8369347
2086	1.0980000	2.4000000	2.6000000	0.0000000	60.0000000	0.0000000	274.0647816
2087	1.0980000	2.6000000	2.6000000	0.0000000	60.0000000	0.0000000	273.1840721
2088	1.0980000	2.8000000	2.6000000	0.0000000	60.0000000	0.0000000	270.8697544
2089	1.0980000	3.0000000	2.6000000	0.0000000	60.0000000	0.0000000	267.8385698
2090	1.0980000	3.5000000	2.6000000	0.0000000	60.0000000	0.0000000	259.0257641
2091	1.0980000	4.0000000	2.6000000	0.0000000	60.0000000	0.0000000	250.2733873
2092	1.0980000	4.5000000	2.6000000	0.0000000	60.0000000	0.0000000	242.9037907
2093	1.0980000	5.0000000	2.6000000	0.0000000	60.0000000	0.0000000	237.4218678
2094	1.0980000	5.5000000	2.6000000	0.0000000	60.0000000	0.0000000	233.7312964
2095	1.0980000	6.0000000	2.6000000	0.0000000	60.0000000	0.0000000	231.4432713
2096	1.0980000	7.0000000	2.6000000	0.0000000	60.0000000	0.0000000	229.4184865
2097	1.0980000	8.0000000	2.6000000	0.0000000	60.0000000	0.0000000	228.8950809
2098	1.0980000	9.0000000	2.6000000	0.0000000	60.0000000	0.0000000	228.7959971
2099	1.0980000	10.0000000	2.6000000	0.0000000	60.0000000	0.0000000	228.7940518
2100	1.0980000	0.8000000	2.8000000	0.0000000	60.0000000	0.0000000	361.6465927
2101	1.0980000	0.9000000	2.8000000	0.0000000	60.0000000	0.0000000	140.8955368
2102	1.0980000	1.0000000	2.8000000	0.0000000	60.0000000	0.0000000	51.6040135
2103	1.0980000	1.1000000	2.8000000	0.0000000	60.0000000	0.0000000	31.1726814
2104	1.0980000	1.2000000	2.8000000	0.0000000	60.0000000	0.0000000	45.1800107
2105	1.0980000	1.3000000	2.8000000	0.0000000	60.0000000	0.0000000	74.4902252

2106	1.0980000	1.4000000	2.8000000	0.0000000	60.0000000	0.0000000	108.5201895
2107	1.0980000	1.5000000	2.8000000	0.0000000	60.0000000	0.0000000	141.6401395
2108	1.0980000	1.6000000	2.8000000	0.0000000	60.0000000	0.0000000	171.1065411
2109	1.0980000	1.7000000	2.8000000	0.0000000	60.0000000	0.0000000	195.8359992
2110	1.0980000	1.8000000	2.8000000	0.0000000	60.0000000	0.0000000	215.6457831
2111	1.0980000	2.0000000	2.8000000	0.0000000	60.0000000	0.0000000	241.1120628
2112	1.0980000	2.2000000	2.8000000	0.0000000	60.0000000	0.0000000	252.2424493
2113	1.0980000	2.4000000	2.8000000	0.0000000	60.0000000	0.0000000	256.1289921
2114	1.0980000	2.6000000	2.8000000	0.0000000	60.0000000	0.0000000	256.8573423
2115	1.0980000	2.8000000	2.8000000	0.0000000	60.0000000	0.0000000	256.1582340
2116	1.0980000	3.0000000	2.8000000	0.0000000	60.0000000	0.0000000	254.7270104
2117	1.0980000	3.5000000	2.8000000	0.0000000	60.0000000	0.0000000	249.6810185
2118	1.0980000	4.0000000	2.8000000	0.0000000	60.0000000	0.0000000	244.1318894
2119	1.0980000	4.5000000	2.8000000	0.0000000	60.0000000	0.0000000	239.1988492
2120	1.0980000	5.0000000	2.8000000	0.0000000	60.0000000	0.0000000	235.3591815
2121	1.0980000	5.5000000	2.8000000	0.0000000	60.0000000	0.0000000	232.6628360
2122	1.0980000	6.0000000	2.8000000	0.0000000	60.0000000	0.0000000	230.9268310
2123	1.0980000	7.0000000	2.8000000	0.0000000	60.0000000	0.0000000	229.3220383
2124	1.0980000	8.0000000	2.8000000	0.0000000	60.0000000	0.0000000	228.8833465
2125	1.0980000	9.0000000	2.8000000	0.0000000	60.0000000	0.0000000	228.7964364
2126	1.0980000	10.0000000	2.8000000	0.0000000	60.0000000	0.0000000	228.7949303
2127	1.0980000	0.8000000	3.0000000	0.0000000	60.0000000	0.0000000	348.1611003
2128	1.0980000	0.9000000	3.0000000	0.0000000	60.0000000	0.0000000	126.6522013
2129	1.0980000	1.0000000	3.0000000	0.0000000	60.0000000	0.0000000	36.8347622
2130	1.0980000	1.1000000	3.0000000	0.0000000	60.0000000	0.0000000	16.0779410
2131	1.0980000	1.2000000	3.0000000	0.0000000	60.0000000	0.0000000	29.9330365
2132	1.0980000	1.3000000	3.0000000	0.0000000	60.0000000	0.0000000	59.2323323
2133	1.0980000	1.4000000	3.0000000	0.0000000	60.0000000	0.0000000	93.3522815
2134	1.0980000	1.5000000	3.0000000	0.0000000	60.0000000	0.0000000	126.6185039
2135	1.0980000	1.6000000	3.0000000	0.0000000	60.0000000	0.0000000	156.2464265
2136	1.0980000	1.7000000	3.0000000	0.0000000	60.0000000	0.0000000	181.1215923
2137	1.0980000	1.8000000	3.0000000	0.0000000	60.0000000	0.0000000	201.0605804
2138	1.0980000	2.0000000	3.0000000	0.0000000	60.0000000	0.0000000	227.0121760
2139	1.0980000	2.2000000	3.0000000	0.0000000	60.0000000	0.0000000	238.8230965
2140	1.0980000	2.4000000	3.0000000	0.0000000	60.0000000	0.0000000	243.4084965
2141	1.0980000	2.6000000	3.0000000	0.0000000	60.0000000	0.0000000	244.9405609
2142	1.0980000	2.8000000	3.0000000	0.0000000	60.0000000	0.0000000	245.1657113
2143	1.0980000	3.0000000	3.0000000	0.0000000	60.0000000	0.0000000	244.7457192
2144	1.0980000	3.5000000	3.0000000	0.0000000	60.0000000	0.0000000	242.3321295
2145	1.0980000	4.0000000	3.0000000	0.0000000	60.0000000	0.0000000	239.1683523
2146	1.0980000	4.5000000	3.0000000	0.0000000	60.0000000	0.0000000	236.1059177
2147	1.0980000	5.0000000	3.0000000	0.0000000	60.0000000	0.0000000	233.5707794
2148	1.0980000	5.5000000	3.0000000	0.0000000	60.0000000	0.0000000	231.6988559
2149	1.0980000	6.0000000	3.0000000	0.0000000	60.0000000	0.0000000	230.4420173
2150	1.0980000	7.0000000	3.0000000	0.0000000	60.0000000	0.0000000	229.2234565
2151	1.0980000	8.0000000	3.0000000	0.0000000	60.0000000	0.0000000	228.8697923
2152	1.0980000	9.0000000	3.0000000	0.0000000	60.0000000	0.0000000	228.7966874
2153	1.0980000	10.0000000	3.0000000	0.0000000	60.0000000	0.0000000	228.7960599
2154	1.0980000	0.8000000	3.5000000	0.0000000	60.0000000	0.0000000	336.7728074
2155	1.0980000	0.9000000	3.5000000	0.0000000	60.0000000	0.0000000	114.4027143
2156	1.0980000	1.0000000	3.5000000	0.0000000	60.0000000	0.0000000	23.8955795
2157	1.0980000	1.1000000	3.5000000	0.0000000	60.0000000	0.0000000	2.5937038
2158	1.0980000	1.2000000	3.5000000	0.0000000	60.0000000	0.0000000	16.0307523
2159	1.0980000	1.3000000	3.5000000	0.0000000	60.0000000	0.0000000	45.0228823
2160	1.0980000	1.4000000	3.5000000	0.0000000	60.0000000	0.0000000	78.9292900
2161	1.0980000	1.5000000	3.5000000	0.0000000	60.0000000	0.0000000	112.0563936

2162	1.0980000	1.6000000	3.5000000	0.0000000	60.0000000	0.0000000	141.5985984
2163	1.0980000	1.7000000	3.5000000	0.0000000	60.0000000	0.0000000	166.4178531
2164	1.0980000	1.8000000	3.5000000	0.0000000	60.0000000	0.0000000	186.3206338
2165	1.0980000	2.0000000	3.5000000	0.0000000	60.0000000	0.0000000	212.3833613
2166	1.0980000	2.2000000	3.5000000	0.0000000	60.0000000	0.0000000	224.4179263
2167	1.0980000	2.4000000	3.5000000	0.0000000	60.0000000	0.0000000	229.2532006
2168	1.0980000	2.6000000	3.5000000	0.0000000	60.0000000	0.0000000	231.1858042
2169	1.0980000	2.8000000	3.5000000	0.0000000	60.0000000	0.0000000	232.0064612
2170	1.0980000	3.0000000	3.5000000	0.0000000	60.0000000	0.0000000	232.3616315
2171	1.0980000	3.5000000	3.5000000	0.0000000	60.0000000	0.0000000	232.4078162
2172	1.0980000	4.0000000	3.5000000	0.0000000	60.0000000	0.0000000	231.9172293
2173	1.0980000	4.5000000	3.5000000	0.0000000	60.0000000	0.0000000	231.2369463
2174	1.0980000	5.0000000	3.5000000	0.0000000	60.0000000	0.0000000	230.5476270
2175	1.0980000	5.5000000	3.5000000	0.0000000	60.0000000	0.0000000	229.9564504
2176	1.0980000	6.0000000	3.5000000	0.0000000	60.0000000	0.0000000	229.5080949
2177	1.0980000	7.0000000	3.5000000	0.0000000	60.0000000	0.0000000	229.0078444
2178	1.0980000	8.0000000	3.5000000	0.0000000	60.0000000	0.0000000	228.8360950
2179	1.0980000	9.0000000	3.5000000	0.0000000	60.0000000	0.0000000	228.7973776
2180	1.0980000	10.0000000	3.5000000	0.0000000	60.0000000	0.0000000	228.7996367
2181	1.0980000	0.8000000	4.0000000	0.0000000	60.0000000	0.0000000	336.2899388
2182	1.0980000	0.9000000	4.0000000	0.0000000	60.0000000	0.0000000	112.3581002
2183	1.0980000	1.0000000	4.0000000	0.0000000	60.0000000	0.0000000	21.6885033
2184	1.0980000	1.1000000	4.0000000	0.0000000	60.0000000	0.0000000	0.2414217
2185	1.0980000	1.2000000	4.0000000	0.0000000	60.0000000	0.0000000	13.5480111
2186	1.0980000	1.3000000	4.0000000	0.0000000	60.0000000	0.0000000	42.4230478
2187	1.0980000	1.4000000	4.0000000	0.0000000	60.0000000	0.0000000	76.2249752
2188	1.0980000	1.5000000	4.0000000	0.0000000	60.0000000	0.0000000	109.2602741
2189	1.0980000	1.6000000	4.0000000	0.0000000	60.0000000	0.0000000	138.7224087
2190	1.0980000	1.7000000	4.0000000	0.0000000	60.0000000	0.0000000	163.4703784
2191	1.0980000	1.8000000	4.0000000	0.0000000	60.0000000	0.0000000	183.3094042
2192	1.0980000	2.0000000	4.0000000	0.0000000	60.0000000	0.0000000	209.2894886
2193	1.0980000	2.2000000	4.0000000	0.0000000	60.0000000	0.0000000	221.2530822
2194	1.0980000	2.4000000	4.0000000	0.0000000	60.0000000	0.0000000	226.0070313
2195	1.0980000	2.6000000	4.0000000	0.0000000	60.0000000	0.0000000	227.8845396
2196	1.0980000	2.8000000	4.0000000	0.0000000	60.0000000	0.0000000	228.6957838
2197	1.0980000	3.0000000	4.0000000	0.0000000	60.0000000	0.0000000	229.0923071
2198	1.0980000	3.5000000	4.0000000	0.0000000	60.0000000	0.0000000	229.4467872
2199	1.0980000	4.0000000	4.0000000	0.0000000	60.0000000	0.0000000	229.4752134
2200	1.0980000	4.5000000	4.0000000	0.0000000	60.0000000	0.0000000	229.3952060
2201	1.0980000	5.0000000	4.0000000	0.0000000	60.0000000	0.0000000	229.2720886
2202	1.0980000	5.5000000	4.0000000	0.0000000	60.0000000	0.0000000	229.1423824
2203	1.0980000	6.0000000	4.0000000	0.0000000	60.0000000	0.0000000	229.0279874
2204	1.0980000	7.0000000	4.0000000	0.0000000	60.0000000	0.0000000	228.8759419
2205	1.0980000	8.0000000	4.0000000	0.0000000	60.0000000	0.0000000	228.8135046
2206	1.0980000	9.0000000	4.0000000	0.0000000	60.0000000	0.0000000	228.7998249
2207	1.0980000	10.0000000	4.0000000	0.0000000	60.0000000	0.0000000	228.8044057
2208	1.0980000	0.8000000	10.0000000	0.0000000	60.0000000	0.0000000	336.2553630
2209	1.0980000	0.9000000	10.0000000	0.0000000	60.0000000	0.0000000	112.1846565
2210	1.0980000	1.0000000	10.0000000	0.0000000	60.0000000	0.0000000	21.4723262
2211	1.0980000	1.1000000	10.0000000	0.0000000	60.0000000	0.0000000	-0.0061308
2212	1.0980000	1.2000000	10.0000000	0.0000000	60.0000000	0.0000000	13.2757975
2213	1.0980000	1.3000000	10.0000000	0.0000000	60.0000000	0.0000000	42.1291851
2214	1.0980000	1.4000000	10.0000000	0.0000000	60.0000000	0.0000000	75.9095889
2215	1.0980000	1.5000000	10.0000000	0.0000000	60.0000000	0.0000000	108.9212936
2216	1.0980000	1.6000000	10.0000000	0.0000000	60.0000000	0.0000000	138.3560059
2217	1.0980000	1.7000000	10.0000000	0.0000000	60.0000000	0.0000000	163.0711569

2218	1.0980000	1.8000000	10.0000000	0.0000000	60.0000000	0.0000000	182.8737870
2219	1.0980000	2.0000000	10.0000000	0.0000000	60.0000000	0.0000000	208.7945091
2220	1.0980000	2.2000000	10.0000000	0.0000000	60.0000000	0.0000000	220.7062077
2221	1.0980000	2.4000000	10.0000000	0.0000000	60.0000000	0.0000000	225.4049987
2222	1.0980000	2.6000000	10.0000000	0.0000000	60.0000000	0.0000000	227.2326200
2223	1.0980000	2.8000000	10.0000000	0.0000000	60.0000000	0.0000000	228.0044567
2224	1.0980000	3.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.3737460
2225	1.0980000	3.5000000	10.0000000	0.0000000	60.0000000	0.0000000	228.7132287
2226	1.0980000	4.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.7938008
2227	1.0980000	4.5000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8179599
2228	1.0980000	5.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8268078
2229	1.0980000	5.5000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8309495
2230	1.0980000	6.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8332085
2231	1.0980000	7.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8348400
2232	1.0980000	8.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8352793
2233	1.0980000	9.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8354048
2234	1.0980000	10.0000000	10.0000000	0.0000000	60.0000000	0.0000000	228.8354675
2235	0.8980000	1.5000000	1.0000000	0.0000000	60.0000000	0.0000000	1926.7583206
2236	0.8980000	1.6000000	1.0000000	0.0000000	60.0000000	0.0000000	1634.3181351
2237	0.8980000	1.7000000	1.0000000	0.0000000	60.0000000	0.0000000	1377.8553269
2238	0.8980000	1.8000000	1.0000000	0.0000000	60.0000000	0.0000000	1173.2479562
2239	0.8980000	2.0000000	1.0000000	0.0000000	60.0000000	0.0000000	886.8275320
2240	0.8980000	2.2000000	1.0000000	0.0000000	60.0000000	0.0000000	714.9212488
2241	0.8980000	2.4000000	1.0000000	0.0000000	60.0000000	0.0000000	613.7761970
2242	0.8980000	2.6000000	1.0000000	0.0000000	60.0000000	0.0000000	555.9911713
2243	0.8980000	2.8000000	1.0000000	0.0000000	60.0000000	0.0000000	524.4273820
2244	0.8980000	3.0000000	1.0000000	0.0000000	60.0000000	0.0000000	507.8611946
2245	0.8980000	3.5000000	1.0000000	0.0000000	60.0000000	0.0000000	515.0240898
2246	0.8980000	4.0000000	1.0000000	0.0000000	60.0000000	0.0000000	435.0333236
2247	0.8980000	4.5000000	1.0000000	0.0000000	60.0000000	0.0000000	388.5134735
2248	0.8980000	5.0000000	1.0000000	0.0000000	60.0000000	0.0000000	364.6729454
2249	0.8980000	5.5000000	1.0000000	0.0000000	60.0000000	0.0000000	353.1682494
2250	0.8980000	6.0000000	1.0000000	0.0000000	60.0000000	0.0000000	347.8337913
2251	0.8980000	7.0000000	1.0000000	0.0000000	60.0000000	0.0000000	344.4248462
2252	0.8980000	8.0000000	1.0000000	0.0000000	60.0000000	0.0000000	343.8583933
2253	0.8980000	9.0000000	1.0000000	0.0000000	60.0000000	0.0000000	343.7997212
2254	0.8980000	10.0000000	1.0000000	0.0000000	60.0000000	0.0000000	343.8136519
2255	0.8980000	1.4000000	1.1000000	0.0000000	60.0000000	0.0000000	1880.2867260
2256	0.8980000	1.5000000	1.1000000	0.0000000	60.0000000	0.0000000	1634.3475653
2257	0.8980000	1.6000000	1.1000000	0.0000000	60.0000000	0.0000000	1417.3539735
2258	0.8980000	1.7000000	1.1000000	0.0000000	60.0000000	0.0000000	1250.6097715
2259	0.8980000	1.8000000	1.1000000	0.0000000	60.0000000	0.0000000	1091.5741469
2260	0.8980000	2.0000000	1.1000000	0.0000000	60.0000000	0.0000000	856.4780990
2261	0.8980000	2.2000000	1.1000000	0.0000000	60.0000000	0.0000000	706.9439719
2262	0.8980000	2.4000000	1.1000000	0.0000000	60.0000000	0.0000000	614.8849435
2263	0.8980000	2.6000000	1.1000000	0.0000000	60.0000000	0.0000000	560.0217274
2264	0.8980000	2.8000000	1.1000000	0.0000000	60.0000000	0.0000000	528.5157945
2265	0.8980000	3.0000000	1.1000000	0.0000000	60.0000000	0.0000000	510.8835940
2266	0.8980000	3.5000000	1.1000000	0.0000000	60.0000000	0.0000000	506.1509176
2267	0.8980000	4.0000000	1.1000000	0.0000000	60.0000000	0.0000000	432.7857729
2268	0.8980000	4.5000000	1.1000000	0.0000000	60.0000000	0.0000000	388.1360893
2269	0.8980000	5.0000000	1.1000000	0.0000000	60.0000000	0.0000000	364.7713388
2270	0.8980000	5.5000000	1.1000000	0.0000000	60.0000000	0.0000000	353.3279506
2271	0.8980000	6.0000000	1.1000000	0.0000000	60.0000000	0.0000000	347.9521396
2272	0.8980000	7.0000000	1.1000000	0.0000000	60.0000000	0.0000000	344.4608652
2273	0.8980000	8.0000000	1.1000000	0.0000000	60.0000000	0.0000000	343.8658606

2274	0.8980000	9.0000000	1.1000000	0.0000000	60.0000000	0.0000000	343.8005370
2275	0.8980000	10.0000000	1.1000000	0.0000000	60.0000000	0.0000000	343.8133381
2276	0.8980000	1.1000000	1.2000000	0.0000000	60.0000000	0.0000000	1907.1417469
2277	0.8980000	1.2000000	1.2000000	0.0000000	60.0000000	0.0000000	1753.2180028
2278	0.8980000	1.3000000	1.2000000	0.0000000	60.0000000	0.0000000	1605.6941023
2279	0.8980000	1.4000000	1.2000000	0.0000000	60.0000000	0.0000000	1460.8880080
2280	0.8980000	1.5000000	1.2000000	0.0000000	60.0000000	0.0000000	1319.3367426
2281	0.8980000	1.6000000	1.2000000	0.0000000	60.0000000	0.0000000	1185.6051239
2282	0.8980000	1.7000000	1.2000000	0.0000000	60.0000000	0.0000000	1064.5335087
2283	0.8980000	1.8000000	1.2000000	0.0000000	60.0000000	0.0000000	985.2948126
2284	0.8980000	2.0000000	1.2000000	0.0000000	60.0000000	0.0000000	808.9675997
2285	0.8980000	2.2000000	1.2000000	0.0000000	60.0000000	0.0000000	690.1106537
2286	0.8980000	2.4000000	1.2000000	0.0000000	60.0000000	0.0000000	611.9475716
2287	0.8980000	2.6000000	1.2000000	0.0000000	60.0000000	0.0000000	562.2961355
2288	0.8980000	2.8000000	1.2000000	0.0000000	60.0000000	0.0000000	532.0250157
2289	0.8980000	3.0000000	1.2000000	0.0000000	60.0000000	0.0000000	513.9250069
2290	0.8980000	3.5000000	1.2000000	0.0000000	60.0000000	0.0000000	494.7525845
2291	0.8980000	4.0000000	1.2000000	0.0000000	60.0000000	0.0000000	429.5699751
2292	0.8980000	4.5000000	1.2000000	0.0000000	60.0000000	0.0000000	387.3894158
2293	0.8980000	5.0000000	1.2000000	0.0000000	60.0000000	0.0000000	364.7242129
2294	0.8980000	5.5000000	1.2000000	0.0000000	60.0000000	0.0000000	353.4297326
2295	0.8980000	6.0000000	1.2000000	0.0000000	60.0000000	0.0000000	348.0477721
2296	0.8980000	7.0000000	1.2000000	0.0000000	60.0000000	0.0000000	344.4942487
2297	0.8980000	8.0000000	1.2000000	0.0000000	60.0000000	0.0000000	343.8732026
2298	0.8980000	9.0000000	1.2000000	0.0000000	60.0000000	0.0000000	343.8014155
2299	0.8980000	10.0000000	1.2000000	0.0000000	60.0000000	0.0000000	343.8130244
2300	0.8980000	0.8000000	1.3000000	0.0000000	60.0000000	0.0000000	1898.5322542
2301	0.8980000	0.9000000	1.3000000	0.0000000	60.0000000	0.0000000	1609.7426678
2302	0.8980000	1.0000000	1.3000000	0.0000000	60.0000000	0.0000000	1440.7748861
2303	0.8980000	1.1000000	1.3000000	0.0000000	60.0000000	0.0000000	1331.1823017
2304	0.8980000	1.2000000	1.3000000	0.0000000	60.0000000	0.0000000	1248.4501349
2305	0.8980000	1.3000000	1.3000000	0.0000000	60.0000000	0.0000000	1175.7723013
2306	0.8980000	1.4000000	1.3000000	0.0000000	60.0000000	0.0000000	1105.3325431
2307	0.8980000	1.5000000	1.3000000	0.0000000	60.0000000	0.0000000	1034.4933124
2308	0.8980000	1.6000000	1.3000000	0.0000000	60.0000000	0.0000000	963.7173974
2309	0.8980000	1.7000000	1.3000000	0.0000000	60.0000000	0.0000000	895.2584354
2310	0.8980000	1.8000000	1.3000000	0.0000000	60.0000000	0.0000000	831.7400440
2311	0.8980000	2.0000000	1.3000000	0.0000000	60.0000000	0.0000000	726.0093412
2312	0.8980000	2.2000000	1.3000000	0.0000000	60.0000000	0.0000000	650.5705915
2313	0.8980000	2.4000000	1.3000000	0.0000000	60.0000000	0.0000000	600.6030161
2314	0.8980000	2.6000000	1.3000000	0.0000000	60.0000000	0.0000000	569.0342067
2315	0.8980000	2.8000000	1.3000000	0.0000000	60.0000000	0.0000000	549.0393076
2316	0.8980000	3.0000000	1.3000000	0.0000000	60.0000000	0.0000000	533.4606319
2317	0.8980000	3.5000000	1.3000000	0.0000000	60.0000000	0.0000000	485.7974596
2318	0.8980000	4.0000000	1.3000000	0.0000000	60.0000000	0.0000000	428.2357645
2319	0.8980000	4.5000000	1.3000000	0.0000000	60.0000000	0.0000000	386.2662994
2320	0.8980000	5.0000000	1.3000000	0.0000000	60.0000000	0.0000000	364.5157542
2321	0.8980000	5.5000000	1.3000000	0.0000000	60.0000000	0.0000000	353.4638063
2322	0.8980000	6.0000000	1.3000000	0.0000000	60.0000000	0.0000000	348.1157941
2323	0.8980000	7.0000000	1.3000000	0.0000000	60.0000000	0.0000000	344.5239926
2324	0.8980000	8.0000000	1.3000000	0.0000000	60.0000000	0.0000000	343.8802934
2325	0.8980000	9.0000000	1.3000000	0.0000000	60.0000000	0.0000000	343.8022940
2326	0.8980000	10.0000000	1.3000000	0.0000000	60.0000000	0.0000000	343.8127106
2327	0.8980000	0.8000000	1.4000000	0.0000000	60.0000000	0.0000000	1452.9551587
2328	0.8980000	0.9000000	1.4000000	0.0000000	60.0000000	0.0000000	1174.5574430
2329	0.8980000	1.0000000	1.4000000	0.0000000	60.0000000	0.0000000	1024.9930699

2330	0.8980000	1.1000000	1.4000000	0.0000000	60.0000000	0.0000000	940.3687110
2331	0.8980000	1.2000000	1.4000000	0.0000000	60.0000000	0.0000000	890.7290721
2332	0.8980000	1.3000000	1.4000000	0.0000000	60.0000000	0.0000000	856.0518945
2333	0.8980000	1.4000000	1.4000000	0.0000000	60.0000000	0.0000000	826.4560377
2334	0.8980000	1.5000000	1.4000000	0.0000000	60.0000000	0.0000000	797.3990233
2335	0.8980000	1.6000000	1.4000000	0.0000000	60.0000000	0.0000000	767.3923360
2336	0.8980000	1.7000000	1.4000000	0.0000000	60.0000000	0.0000000	736.5392012
2337	0.8980000	1.8000000	1.4000000	0.0000000	60.0000000	0.0000000	705.7075272
2338	0.8980000	2.0000000	1.4000000	0.0000000	60.0000000	0.0000000	648.5537761
2339	0.8980000	2.2000000	1.4000000	0.0000000	60.0000000	0.0000000	602.2113856
2340	0.8980000	2.4000000	1.4000000	0.0000000	60.0000000	0.0000000	567.9730882
2341	0.8980000	2.6000000	1.4000000	0.0000000	60.0000000	0.0000000	544.4513976
2342	0.8980000	2.8000000	1.4000000	0.0000000	60.0000000	0.0000000	528.4692960
2343	0.8980000	3.0000000	1.4000000	0.0000000	60.0000000	0.0000000	515.1096193
2344	0.8980000	3.5000000	1.4000000	0.0000000	60.0000000	0.0000000	474.0131454
2345	0.8980000	4.0000000	1.4000000	0.0000000	60.0000000	0.0000000	423.6796064
2346	0.8980000	4.5000000	1.4000000	0.0000000	60.0000000	0.0000000	384.7846240
2347	0.8980000	5.0000000	1.4000000	0.0000000	60.0000000	0.0000000	364.1387466
2348	0.8980000	5.5000000	1.4000000	0.0000000	60.0000000	0.0000000	353.4233320
2349	0.8980000	6.0000000	1.4000000	0.0000000	60.0000000	0.0000000	348.1522524
2350	0.8980000	7.0000000	1.4000000	0.0000000	60.0000000	0.0000000	344.5491558
2351	0.8980000	8.0000000	1.4000000	0.0000000	60.0000000	0.0000000	343.8868823
2352	0.8980000	9.0000000	1.4000000	0.0000000	60.0000000	0.0000000	343.8031725
2353	0.8980000	10.0000000	1.4000000	0.0000000	60.0000000	0.0000000	343.8124596
2354	0.8980000	0.8000000	1.5000000	0.0000000	60.0000000	0.0000000	1190.6676820
2355	0.8980000	0.9000000	1.5000000	0.0000000	60.0000000	0.0000000	911.7878508
2356	0.8980000	1.0000000	1.5000000	0.0000000	60.0000000	0.0000000	766.7000675
2357	0.8980000	1.1000000	1.5000000	0.0000000	60.0000000	0.0000000	690.8738308
2358	0.8980000	1.2000000	1.5000000	0.0000000	60.0000000	0.0000000	654.9573847
2359	0.8980000	1.3000000	1.5000000	0.0000000	60.0000000	0.0000000	637.9604749
2360	0.8980000	1.4000000	1.5000000	0.0000000	60.0000000	0.0000000	629.0063539
2361	0.8980000	1.5000000	1.5000000	0.0000000	60.0000000	0.0000000	622.4313724
2362	0.8980000	1.6000000	1.5000000	0.0000000	60.0000000	0.0000000	615.6506932
2363	0.8980000	1.7000000	1.5000000	0.0000000	60.0000000	0.0000000	607.7344731
2364	0.8980000	1.8000000	1.5000000	0.0000000	60.0000000	0.0000000	598.5423377
2365	0.8980000	2.0000000	1.5000000	0.0000000	60.0000000	0.0000000	577.5068396
2366	0.8980000	2.2000000	1.5000000	0.0000000	60.0000000	0.0000000	555.6898412
2367	0.8980000	2.4000000	1.5000000	0.0000000	60.0000000	0.0000000	535.9157627
2368	0.8980000	2.6000000	1.5000000	0.0000000	60.0000000	0.0000000	520.5447926
2369	0.8980000	2.8000000	1.5000000	0.0000000	60.0000000	0.0000000	508.9777850
2370	0.8980000	3.0000000	1.5000000	0.0000000	60.0000000	0.0000000	498.1228124
2371	0.8980000	3.5000000	1.5000000	0.0000000	60.0000000	0.0000000	462.7778393
2372	0.8980000	4.0000000	1.5000000	0.0000000	60.0000000	0.0000000	415.8393776
2373	0.8980000	4.5000000	1.5000000	0.0000000	60.0000000	0.0000000	382.9824168
2374	0.8980000	5.0000000	1.5000000	0.0000000	60.0000000	0.0000000	363.5941937
2375	0.8980000	5.5000000	1.5000000	0.0000000	60.0000000	0.0000000	353.3045445
2376	0.8980000	6.0000000	1.5000000	0.0000000	60.0000000	0.0000000	348.1543859
2377	0.8980000	7.0000000	1.5000000	0.0000000	60.0000000	0.0000000	344.5688596
2378	0.8980000	8.0000000	1.5000000	0.0000000	60.0000000	0.0000000	343.8929064
2379	0.8980000	9.0000000	1.5000000	0.0000000	60.0000000	0.0000000	343.8040510
2380	0.8980000	10.0000000	1.5000000	0.0000000	60.0000000	0.0000000	343.8122086
2381	0.8980000	0.8000000	1.6000000	0.0000000	60.0000000	0.0000000	1040.1825643
2382	0.8980000	0.9000000	1.6000000	0.0000000	60.0000000	0.0000000	759.1373861
2383	0.8980000	1.0000000	1.6000000	0.0000000	60.0000000	0.0000000	614.0030417
2384	0.8980000	1.1000000	1.6000000	0.0000000	60.0000000	0.0000000	540.2888762
2385	0.8980000	1.2000000	1.6000000	0.0000000	60.0000000	0.0000000	509.0941253

2386	0.8980000	1.3000000	1.6000000	0.0000000	60.0000000	0.0000000	499.3206025
2387	0.8980000	1.4000000	1.6000000	0.0000000	60.0000000	0.0000000	499.7612396
2388	0.8980000	1.5000000	1.6000000	0.0000000	60.0000000	0.0000000	504.2363862
2389	0.8980000	1.6000000	1.6000000	0.0000000	60.0000000	0.0000000	509.5695264
2390	0.8980000	1.7000000	1.6000000	0.0000000	60.0000000	0.0000000	514.2638621
2391	0.8980000	1.8000000	1.6000000	0.0000000	60.0000000	0.0000000	517.6665949
2392	0.8980000	2.0000000	1.6000000	0.0000000	60.0000000	0.0000000	519.8355815
2393	0.8980000	2.2000000	1.6000000	0.0000000	60.0000000	0.0000000	516.6236114
2394	0.8980000	2.4000000	1.6000000	0.0000000	60.0000000	0.0000000	509.0015049
2395	0.8980000	2.6000000	1.6000000	0.0000000	60.0000000	0.0000000	500.4250191
2396	0.8980000	2.8000000	1.6000000	0.0000000	60.0000000	0.0000000	492.3110079
2397	0.8980000	3.0000000	1.6000000	0.0000000	60.0000000	0.0000000	483.3589577
2398	0.8980000	3.5000000	1.6000000	0.0000000	60.0000000	0.0000000	452.2828060
2399	0.8980000	4.0000000	1.6000000	0.0000000	60.0000000	0.0000000	410.5655369
2400	0.8980000	4.5000000	1.6000000	0.0000000	60.0000000	0.0000000	380.9109452
2401	0.8980000	5.0000000	1.6000000	0.0000000	60.0000000	0.0000000	362.8911949
2402	0.8980000	5.5000000	1.6000000	0.0000000	60.0000000	0.0000000	353.1071299
2403	0.8980000	6.0000000	1.6000000	0.0000000	60.0000000	0.0000000	348.1207515
2404	0.8980000	7.0000000	1.6000000	0.0000000	60.0000000	0.0000000	344.5826020
2405	0.8980000	8.0000000	1.6000000	0.0000000	60.0000000	0.0000000	343.8982402
2406	0.8980000	9.0000000	1.6000000	0.0000000	60.0000000	0.0000000	343.8049923
2407	0.8980000	10.0000000	1.6000000	0.0000000	60.0000000	0.0000000	343.8120204
2408	0.8980000	0.8000000	1.7000000	0.0000000	60.0000000	0.0000000	958.3389509
2409	0.8980000	0.9000000	1.7000000	0.0000000	60.0000000	0.0000000	679.1964441
2410	0.8980000	1.0000000	1.7000000	0.0000000	60.0000000	0.0000000	526.8408462
2411	0.8980000	1.1000000	1.7000000	0.0000000	60.0000000	0.0000000	454.7027964
2412	0.8980000	1.2000000	1.7000000	0.0000000	60.0000000	0.0000000	424.2772465
2413	0.8980000	1.3000000	1.7000000	0.0000000	60.0000000	0.0000000	416.3369926
2414	0.8980000	1.4000000	1.7000000	0.0000000	60.0000000	0.0000000	419.8185406
2415	0.8980000	1.5000000	1.7000000	0.0000000	60.0000000	0.0000000	428.4846348
2416	0.8980000	1.6000000	1.7000000	0.0000000	60.0000000	0.0000000	438.9491710
2417	0.8980000	1.7000000	1.7000000	0.0000000	60.0000000	0.0000000	449.4376153
2418	0.8980000	1.8000000	1.7000000	0.0000000	60.0000000	0.0000000	459.0240148
2419	0.8980000	2.0000000	1.7000000	0.0000000	60.0000000	0.0000000	473.5742652
2420	0.8980000	2.2000000	1.7000000	0.0000000	60.0000000	0.0000000	481.0303329
2421	0.8980000	2.4000000	1.7000000	0.0000000	60.0000000	0.0000000	482.8034236
2422	0.8980000	2.6000000	1.7000000	0.0000000	60.0000000	0.0000000	471.1632483
2423	0.8980000	2.8000000	1.7000000	0.0000000	60.0000000	0.0000000	465.6399727
2424	0.8980000	3.0000000	1.7000000	0.0000000	60.0000000	0.0000000	459.3137987
2425	0.8980000	3.5000000	1.7000000	0.0000000	60.0000000	0.0000000	436.3439399
2426	0.8980000	4.0000000	1.7000000	0.0000000	60.0000000	0.0000000	405.8320448
2427	0.8980000	4.5000000	1.7000000	0.0000000	60.0000000	0.0000000	378.6278148
2428	0.8980000	5.0000000	1.7000000	0.0000000	60.0000000	0.0000000	362.0451239
2429	0.8980000	5.5000000	1.7000000	0.0000000	60.0000000	0.0000000	352.8337868
2430	0.8980000	6.0000000	1.7000000	0.0000000	60.0000000	0.0000000	348.0510351
2431	0.8980000	7.0000000	1.7000000	0.0000000	60.0000000	0.0000000	344.5898811
2432	0.8980000	8.0000000	1.7000000	0.0000000	60.0000000	0.0000000	343.9026955
2433	0.8980000	9.0000000	1.7000000	0.0000000	60.0000000	0.0000000	343.8058708
2434	0.8980000	10.0000000	1.7000000	0.0000000	60.0000000	0.0000000	343.8118949
2435	0.8980000	0.8000000	1.8000000	0.0000000	60.0000000	0.0000000	869.3712852
2436	0.8980000	0.9000000	1.8000000	0.0000000	60.0000000	0.0000000	611.4870424
2437	0.8980000	1.0000000	1.8000000	0.0000000	60.0000000	0.0000000	475.2383576
2438	0.8980000	1.1000000	1.8000000	0.0000000	60.0000000	0.0000000	408.5428857
2439	0.8980000	1.2000000	1.8000000	0.0000000	60.0000000	0.0000000	376.7254571
2440	0.8980000	1.3000000	1.8000000	0.0000000	60.0000000	0.0000000	370.2415272
2441	0.8980000	1.4000000	1.8000000	0.0000000	60.0000000	0.0000000	375.4917106

2442	0.8980000	1.5000000	1.8000000	0.0000000	60.0000000	0.0000000	386.3589197
2443	0.8980000	1.6000000	1.8000000	0.0000000	60.0000000	0.0000000	399.4190234
2444	0.8980000	1.7000000	1.8000000	0.0000000	60.0000000	0.0000000	412.8108286
2445	0.8980000	1.8000000	1.8000000	0.0000000	60.0000000	0.0000000	425.5101143
2446	0.8980000	2.0000000	1.8000000	0.0000000	60.0000000	0.0000000	446.5419729
2447	0.8980000	2.2000000	1.8000000	0.0000000	60.0000000	0.0000000	460.7536819
2448	0.8980000	2.4000000	1.8000000	0.0000000	60.0000000	0.0000000	467.2379883
2449	0.8980000	2.6000000	1.8000000	0.0000000	60.0000000	0.0000000	458.7747053
2450	0.8980000	2.8000000	1.8000000	0.0000000	60.0000000	0.0000000	454.6350880
2451	0.8980000	3.0000000	1.8000000	0.0000000	60.0000000	0.0000000	448.8303744
2452	0.8980000	3.5000000	1.8000000	0.0000000	60.0000000	0.0000000	427.3829163
2453	0.8980000	4.0000000	1.8000000	0.0000000	60.0000000	0.0000000	400.4574889
2454	0.8980000	4.5000000	1.8000000	0.0000000	60.0000000	0.0000000	376.1910700
2455	0.8980000	5.0000000	1.8000000	0.0000000	60.0000000	0.0000000	361.0763120
2456	0.8980000	5.5000000	1.8000000	0.0000000	60.0000000	0.0000000	352.4900999
2457	0.8980000	6.0000000	1.8000000	0.0000000	60.0000000	0.0000000	347.9461783
2458	0.8980000	7.0000000	1.8000000	0.0000000	60.0000000	0.0000000	344.5903204
2459	0.8980000	8.0000000	1.8000000	0.0000000	60.0000000	0.0000000	343.9062096
2460	0.8980000	9.0000000	1.8000000	0.0000000	60.0000000	0.0000000	343.8067493
2461	0.8980000	10.0000000	1.8000000	0.0000000	60.0000000	0.0000000	343.8117694
2462	0.8980000	0.8000000	1.9000000	0.0000000	60.0000000	0.0000000	779.0045870
2463	0.8980000	0.9000000	1.9000000	0.0000000	60.0000000	0.0000000	543.3223198
2464	0.8980000	1.0000000	1.9000000	0.0000000	60.0000000	0.0000000	429.2106632
2465	0.8980000	1.1000000	1.9000000	0.0000000	60.0000000	0.0000000	376.5116018
2466	0.8980000	1.2000000	1.9000000	0.0000000	60.0000000	0.0000000	351.6260821
2467	0.8980000	1.3000000	1.9000000	0.0000000	60.0000000	0.0000000	347.8369288
2468	0.8980000	1.4000000	1.9000000	0.0000000	60.0000000	0.0000000	354.4535142
2469	0.8980000	1.5000000	1.9000000	0.0000000	60.0000000	0.0000000	366.2670077
2470	0.8980000	1.6000000	1.9000000	0.0000000	60.0000000	0.0000000	380.2350548
2471	0.8980000	1.7000000	1.9000000	0.0000000	60.0000000	0.0000000	394.6080966
2472	0.8980000	1.8000000	1.9000000	0.0000000	60.0000000	0.0000000	408.3776624
2473	0.8980000	2.0000000	1.9000000	0.0000000	60.0000000	0.0000000	431.6725084
2474	0.8980000	2.2000000	1.9000000	0.0000000	60.0000000	0.0000000	447.8752422
2475	0.8980000	2.4000000	1.9000000	0.0000000	60.0000000	0.0000000	448.9706855
2476	0.8980000	2.6000000	1.9000000	0.0000000	60.0000000	0.0000000	449.2398243
2477	0.8980000	2.8000000	1.9000000	0.0000000	60.0000000	0.0000000	445.2964294
2478	0.8980000	3.0000000	1.9000000	0.0000000	60.0000000	0.0000000	439.4411384
2479	0.8980000	3.5000000	1.9000000	0.0000000	60.0000000	0.0000000	419.0167718
2480	0.8980000	4.0000000	1.9000000	0.0000000	60.0000000	0.0000000	395.2034147
2481	0.8980000	4.5000000	1.9000000	0.0000000	60.0000000	0.0000000	373.6554296
2482	0.8980000	5.0000000	1.9000000	0.0000000	60.0000000	0.0000000	360.0079771
2483	0.8980000	5.5000000	1.9000000	0.0000000	60.0000000	0.0000000	352.0836621
2484	0.8980000	6.0000000	1.9000000	0.0000000	60.0000000	0.0000000	347.8083144
2485	0.8980000	7.0000000	1.9000000	0.0000000	60.0000000	0.0000000	344.5839825
2486	0.8980000	8.0000000	1.9000000	0.0000000	60.0000000	0.0000000	343.9087196
2487	0.8980000	9.0000000	1.9000000	0.0000000	60.0000000	0.0000000	343.8075651
2488	0.8980000	10.0000000	1.9000000	0.0000000	60.0000000	0.0000000	343.8117066
2489	0.8980000	0.8000000	2.0000000	0.0000000	60.0000000	0.0000000	702.0413658
2490	0.8980000	0.9000000	2.0000000	0.0000000	60.0000000	0.0000000	476.4982711
2491	0.8980000	1.0000000	2.0000000	0.0000000	60.0000000	0.0000000	374.2727735
2492	0.8980000	1.1000000	2.0000000	0.0000000	60.0000000	0.0000000	336.1440428
2493	0.8980000	1.2000000	2.0000000	0.0000000	60.0000000	0.0000000	328.2621474
2494	0.8980000	1.3000000	2.0000000	0.0000000	60.0000000	0.0000000	333.8632969
2495	0.8980000	1.4000000	2.0000000	0.0000000	60.0000000	0.0000000	344.9360781
2496	0.8980000	1.5000000	2.0000000	0.0000000	60.0000000	0.0000000	358.8794014
2497	0.8980000	1.6000000	2.0000000	0.0000000	60.0000000	0.0000000	372.0891661

2498	0.8980000	1.7000000	2.0000000	0.0000000	60.0000000	0.0000000	387.1070993
2499	0.8980000	1.8000000	2.0000000	0.0000000	60.0000000	0.0000000	401.4546014
2500	0.8980000	2.0000000	2.0000000	0.0000000	60.0000000	0.0000000	424.8514804
2501	0.8980000	2.2000000	2.0000000	0.0000000	60.0000000	0.0000000	430.0950751
2502	0.8980000	2.4000000	2.0000000	0.0000000	60.0000000	0.0000000	441.7385761
2503	0.8980000	2.6000000	2.0000000	0.0000000	60.0000000	0.0000000	441.0151831
2504	0.8980000	2.8000000	2.0000000	0.0000000	60.0000000	0.0000000	436.5693413
2505	0.8980000	3.0000000	2.0000000	0.0000000	60.0000000	0.0000000	430.4764126
2506	0.8980000	3.5000000	2.0000000	0.0000000	60.0000000	0.0000000	411.0976022
2507	0.8980000	4.0000000	2.0000000	0.0000000	60.0000000	0.0000000	390.1128697
2508	0.8980000	4.5000000	2.0000000	0.0000000	60.0000000	0.0000000	371.0705299
2509	0.8980000	5.0000000	2.0000000	0.0000000	60.0000000	0.0000000	358.8647177
2510	0.8980000	5.5000000	2.0000000	0.0000000	60.0000000	0.0000000	351.6240113
2511	0.8980000	6.0000000	2.0000000	0.0000000	60.0000000	0.0000000	347.6403929
2512	0.8980000	7.0000000	2.0000000	0.0000000	60.0000000	0.0000000	344.5708676
2513	0.8980000	8.0000000	2.0000000	0.0000000	60.0000000	0.0000000	343.9101629
2514	0.8980000	9.0000000	2.0000000	0.0000000	60.0000000	0.0000000	343.8083808
2515	0.8980000	10.0000000	2.0000000	0.0000000	60.0000000	0.0000000	343.8117066
2516	0.8980000	0.8000000	2.2000000	0.0000000	60.0000000	0.0000000	591.4315886
2517	0.8980000	0.9000000	2.2000000	0.0000000	60.0000000	0.0000000	370.9902087
2518	0.8980000	1.0000000	2.2000000	0.0000000	60.0000000	0.0000000	279.9781171
2519	0.8980000	1.1000000	2.2000000	0.0000000	60.0000000	0.0000000	255.5582721
2520	0.8980000	1.2000000	2.2000000	0.0000000	60.0000000	0.0000000	263.8982496
2521	0.8980000	1.3000000	2.2000000	0.0000000	60.0000000	0.0000000	286.5588718
2522	0.8980000	1.4000000	2.2000000	0.0000000	60.0000000	0.0000000	313.6688497
2523	0.8980000	1.5000000	2.2000000	0.0000000	60.0000000	0.0000000	340.2628895
2524	0.8980000	1.6000000	2.2000000	0.0000000	60.0000000	0.0000000	364.7229578
2525	0.8980000	1.7000000	2.2000000	0.0000000	60.0000000	0.0000000	383.0680091
2526	0.8980000	1.8000000	2.2000000	0.0000000	60.0000000	0.0000000	398.9421162
2527	0.8980000	2.0000000	2.2000000	0.0000000	60.0000000	0.0000000	424.8401852
2528	0.8980000	2.2000000	2.2000000	0.0000000	60.0000000	0.0000000	444.6002075
2529	0.8980000	2.4000000	2.2000000	0.0000000	60.0000000	0.0000000	431.1550641
2530	0.8980000	2.6000000	2.2000000	0.0000000	60.0000000	0.0000000	427.4554565
2531	0.8980000	2.8000000	2.2000000	0.0000000	60.0000000	0.0000000	421.9190659
2532	0.8980000	3.0000000	2.2000000	0.0000000	60.0000000	0.0000000	415.3772796
2533	0.8980000	3.5000000	2.2000000	0.0000000	60.0000000	0.0000000	397.1505767
2534	0.8980000	4.0000000	2.2000000	0.0000000	60.0000000	0.0000000	379.7199950
2535	0.8980000	4.5000000	2.2000000	0.0000000	60.0000000	0.0000000	365.9268975
2536	0.8980000	5.0000000	2.2000000	0.0000000	60.0000000	0.0000000	356.4520065
2537	0.8980000	5.5000000	2.2000000	0.0000000	60.0000000	0.0000000	350.5876794
2538	0.8980000	6.0000000	2.2000000	0.0000000	60.0000000	0.0000000	347.2303155
2539	0.8980000	7.0000000	2.2000000	0.0000000	60.0000000	0.0000000	344.5256241
2540	0.8980000	8.0000000	2.2000000	0.0000000	60.0000000	0.0000000	343.9099119
2541	0.8980000	9.0000000	2.2000000	0.0000000	60.0000000	0.0000000	343.8098241
2542	0.8980000	10.0000000	2.2000000	0.0000000	60.0000000	0.0000000	343.8118949
2543	0.8980000	0.8000000	2.4000000	0.0000000	60.0000000	0.0000000	526.4258741
2544	0.8980000	0.9000000	2.4000000	0.0000000	60.0000000	0.0000000	306.0284827
2545	0.8980000	1.0000000	2.4000000	0.0000000	60.0000000	0.0000000	217.1816753
2546	0.8980000	1.1000000	2.4000000	0.0000000	60.0000000	0.0000000	196.3398894
2547	0.8980000	1.2000000	2.4000000	0.0000000	60.0000000	0.0000000	209.2645765
2548	0.8980000	1.3000000	2.4000000	0.0000000	60.0000000	0.0000000	237.0611127
2549	0.8980000	1.4000000	2.4000000	0.0000000	60.0000000	0.0000000	269.4357069
2550	0.8980000	1.5000000	2.4000000	0.0000000	60.0000000	0.0000000	301.0470615
2551	0.8980000	1.6000000	2.4000000	0.0000000	60.0000000	0.0000000	329.3744706
2552	0.8980000	1.7000000	2.4000000	0.0000000	60.0000000	0.0000000	353.5032767
2553	0.8980000	1.8000000	2.4000000	0.0000000	60.0000000	0.0000000	373.3985901

2554	0.8980000	2.0000000	2.4000000	0.0000000	60.0000000	0.0000000	397.0191762
2555	0.8980000	2.2000000	2.4000000	0.0000000	60.0000000	0.0000000	404.8207505
2556	0.8980000	2.4000000	2.4000000	0.0000000	60.0000000	0.0000000	405.8562039
2557	0.8980000	2.6000000	2.4000000	0.0000000	60.0000000	0.0000000	403.7393634
2558	0.8980000	2.8000000	2.4000000	0.0000000	60.0000000	0.0000000	400.0710685
2559	0.8980000	3.0000000	2.4000000	0.0000000	60.0000000	0.0000000	395.5863210
2560	0.8980000	3.5000000	2.4000000	0.0000000	60.0000000	0.0000000	383.0078936
2561	0.8980000	4.0000000	2.4000000	0.0000000	60.0000000	0.0000000	370.9058715
2562	0.8980000	4.5000000	2.4000000	0.0000000	60.0000000	0.0000000	361.0650796
2563	0.8980000	5.0000000	2.4000000	0.0000000	60.0000000	0.0000000	354.0236703
2564	0.8980000	5.5000000	2.4000000	0.0000000	60.0000000	0.0000000	349.4689556
2565	0.8980000	6.0000000	2.4000000	0.0000000	60.0000000	0.0000000	346.7519022
2566	0.8980000	7.0000000	2.4000000	0.0000000	60.0000000	0.0000000	344.4588571
2567	0.8980000	8.0000000	2.4000000	0.0000000	60.0000000	0.0000000	343.9056448
2568	0.8980000	9.0000000	2.4000000	0.0000000	60.0000000	0.0000000	343.8109536
2569	0.8980000	10.0000000	2.4000000	0.0000000	60.0000000	0.0000000	343.8122714
2570	0.8980000	0.8000000	2.6000000	0.0000000	60.0000000	0.0000000	490.3979197
2571	0.8980000	0.9000000	2.6000000	0.0000000	60.0000000	0.0000000	268.9174469
2572	0.8980000	1.0000000	2.6000000	0.0000000	60.0000000	0.0000000	179.9445101
2573	0.8980000	1.1000000	2.6000000	0.0000000	60.0000000	0.0000000	159.6327187
2574	0.8980000	1.2000000	2.6000000	0.0000000	60.0000000	0.0000000	173.6012050
2575	0.8980000	1.3000000	2.6000000	0.0000000	60.0000000	0.0000000	202.7645824
2576	0.8980000	1.4000000	2.6000000	0.0000000	60.0000000	0.0000000	236.6005207
2577	0.8980000	1.5000000	2.6000000	0.0000000	60.0000000	0.0000000	269.5403128
2578	0.8980000	1.6000000	2.6000000	0.0000000	60.0000000	0.0000000	298.8862954
2579	0.8980000	1.7000000	2.6000000	0.0000000	60.0000000	0.0000000	323.5797344
2580	0.8980000	1.8000000	2.6000000	0.0000000	60.0000000	0.0000000	343.4185719
2581	0.8980000	2.0000000	2.6000000	0.0000000	60.0000000	0.0000000	368.5870357
2582	0.8980000	2.2000000	2.6000000	0.0000000	60.0000000	0.0000000	379.0607335
2583	0.8980000	2.4000000	2.6000000	0.0000000	60.0000000	0.0000000	382.2872618
2584	0.8980000	2.6000000	2.6000000	0.0000000	60.0000000	0.0000000	382.2917799
2585	0.8980000	2.8000000	2.6000000	0.0000000	60.0000000	0.0000000	380.7779759
2586	0.8980000	3.0000000	2.6000000	0.0000000	60.0000000	0.0000000	378.4580107
2587	0.8980000	3.5000000	2.6000000	0.0000000	60.0000000	0.0000000	371.0655726
2588	0.8980000	4.0000000	2.6000000	0.0000000	60.0000000	0.0000000	363.3501554
2589	0.8980000	4.5000000	2.6000000	0.0000000	60.0000000	0.0000000	356.7237181
2590	0.8980000	5.0000000	2.6000000	0.0000000	60.0000000	0.0000000	351.7364610
2591	0.8980000	5.5000000	2.6000000	0.0000000	60.0000000	0.0000000	348.3519259
2592	0.8980000	6.0000000	2.6000000	0.0000000	60.0000000	0.0000000	346.2442471
2593	0.8980000	7.0000000	2.6000000	0.0000000	60.0000000	0.0000000	344.3765906
2594	0.8980000	8.0000000	2.6000000	0.0000000	60.0000000	0.0000000	343.8979892
2595	0.8980000	9.0000000	2.6000000	0.0000000	60.0000000	0.0000000	343.8118949
2596	0.8980000	10.0000000	2.6000000	0.0000000	60.0000000	0.0000000	343.8129616
2597	0.8980000	0.8000000	2.8000000	0.0000000	60.0000000	0.0000000	469.7484655
2598	0.8980000	0.9000000	2.8000000	0.0000000	60.0000000	0.0000000	248.6577387
2599	0.8980000	1.0000000	2.8000000	0.0000000	60.0000000	0.0000000	159.1416297
2600	0.8980000	1.1000000	2.8000000	0.0000000	60.0000000	0.0000000	138.5905690
2601	0.8980000	1.2000000	2.8000000	0.0000000	60.0000000	0.0000000	152.5732998
2602	0.8980000	1.3000000	2.8000000	0.0000000	60.0000000	0.0000000	181.9401784
2603	0.8980000	1.4000000	2.8000000	0.0000000	60.0000000	0.0000000	216.0883655
2604	0.8980000	1.5000000	2.8000000	0.0000000	60.0000000	0.0000000	249.3637497
2605	0.8980000	1.6000000	2.8000000	0.0000000	60.0000000	0.0000000	278.9976335
2606	0.8980000	1.7000000	2.8000000	0.0000000	60.0000000	0.0000000	303.8867928
2607	0.8980000	1.8000000	2.8000000	0.0000000	60.0000000	0.0000000	323.8415941
2608	0.8980000	2.0000000	2.8000000	0.0000000	60.0000000	0.0000000	349.6545728
2609	0.8980000	2.2000000	2.8000000	0.0000000	60.0000000	0.0000000	361.1839299

2610	0.8980000	2.4000000	2.8000000	0.0000000	60.0000000	0.0000000	365.4791695
2611	0.8980000	2.6000000	2.8000000	0.0000000	60.0000000	0.0000000	366.6683000
2612	0.8980000	2.8000000	2.8000000	0.0000000	60.0000000	0.0000000	366.4759683
2613	0.8980000	3.0000000	2.8000000	0.0000000	60.0000000	0.0000000	365.5717899
2614	0.8980000	3.5000000	2.8000000	0.0000000	60.0000000	0.0000000	361.7839545
2615	0.8980000	4.0000000	2.8000000	0.0000000	60.0000000	0.0000000	357.2581679
2616	0.8980000	4.5000000	2.8000000	0.0000000	60.0000000	0.0000000	353.0627650
2617	0.8980000	5.0000000	2.8000000	0.0000000	60.0000000	0.0000000	349.7076602
2618	0.8980000	5.5000000	2.8000000	0.0000000	60.0000000	0.0000000	347.3081266
2619	0.8980000	6.0000000	2.8000000	0.0000000	60.0000000	0.0000000	345.7446241
2620	0.8980000	7.0000000	2.8000000	0.0000000	60.0000000	0.0000000	344.2860411
2621	0.8980000	8.0000000	2.8000000	0.0000000	60.0000000	0.0000000	343.8878236
2622	0.8980000	9.0000000	2.8000000	0.0000000	60.0000000	0.0000000	343.8127106
2623	0.8980000	10.0000000	2.8000000	0.0000000	60.0000000	0.0000000	343.8139029
2624	0.8980000	0.8000000	3.0000000	0.0000000	60.0000000	0.0000000	460.8636216
2625	0.8980000	0.9000000	3.0000000	0.0000000	60.0000000	0.0000000	237.9375551
2626	0.8980000	1.0000000	3.0000000	0.0000000	60.0000000	0.0000000	147.9544536
2627	0.8980000	1.1000000	3.0000000	0.0000000	60.0000000	0.0000000	127.0782802
2628	0.8980000	1.2000000	3.0000000	0.0000000	60.0000000	0.0000000	140.8572587
2629	0.8980000	1.3000000	3.0000000	0.0000000	60.0000000	0.0000000	170.1198453
2630	0.8980000	1.4000000	3.0000000	0.0000000	60.0000000	0.0000000	204.2368451
2631	0.8980000	1.5000000	3.0000000	0.0000000	60.0000000	0.0000000	237.5255324
2632	0.8980000	1.6000000	3.0000000	0.0000000	60.0000000	0.0000000	267.1911055
2633	0.8980000	1.7000000	3.0000000	0.0000000	60.0000000	0.0000000	292.1095067
2634	0.8980000	1.8000000	3.0000000	0.0000000	60.0000000	0.0000000	312.0895339
2635	0.8980000	2.0000000	3.0000000	0.0000000	60.0000000	0.0000000	338.1225802
2636	0.8980000	2.2000000	3.0000000	0.0000000	60.0000000	0.0000000	350.0230464
2637	0.8980000	2.4000000	3.0000000	0.0000000	60.0000000	0.0000000	354.7253513
2638	0.8980000	2.6000000	3.0000000	0.0000000	60.0000000	0.0000000	356.4321144
2639	0.8980000	2.8000000	3.0000000	0.0000000	60.0000000	0.0000000	356.8886276
2640	0.8980000	3.0000000	3.0000000	0.0000000	60.0000000	0.0000000	356.7423551
2641	0.8980000	3.5000000	3.0000000	0.0000000	60.0000000	0.0000000	355.0914404
2642	0.8980000	4.0000000	3.0000000	0.0000000	60.0000000	0.0000000	352.6449693
2643	0.8980000	4.5000000	3.0000000	0.0000000	60.0000000	0.0000000	350.1489248
2644	0.8980000	5.0000000	3.0000000	0.0000000	60.0000000	0.0000000	348.0097450
2645	0.8980000	5.5000000	3.0000000	0.0000000	60.0000000	0.0000000	346.3908334
2646	0.8980000	6.0000000	3.0000000	0.0000000	60.0000000	0.0000000	345.2844713
2647	0.8980000	7.0000000	3.0000000	0.0000000	60.0000000	0.0000000	344.1943619
2648	0.8980000	8.0000000	3.0000000	0.0000000	60.0000000	0.0000000	343.8762774
2649	0.8980000	9.0000000	3.0000000	0.0000000	60.0000000	0.0000000	343.8134009
2650	0.8980000	10.0000000	3.0000000	0.0000000	60.0000000	0.0000000	343.8150952
2651	0.8980000	0.8000000	3.5000000	0.0000000	60.0000000	0.0000000	452.6846003
2652	0.8980000	0.9000000	3.5000000	0.0000000	60.0000000	0.0000000	228.8168932
2653	0.8980000	1.0000000	3.5000000	0.0000000	60.0000000	0.0000000	138.2736767
2654	0.8980000	1.1000000	3.5000000	0.0000000	60.0000000	0.0000000	116.9416176
2655	0.8980000	1.2000000	3.5000000	0.0000000	60.0000000	0.0000000	130.3545072
2656	0.8980000	1.3000000	3.5000000	0.0000000	60.0000000	0.0000000	159.3288786
2657	0.8980000	1.4000000	3.5000000	0.0000000	60.0000000	0.0000000	193.2239911
2658	0.8980000	1.5000000	3.5000000	0.0000000	60.0000000	0.0000000	226.3455099
2659	0.8980000	1.6000000	3.5000000	0.0000000	60.0000000	0.0000000	255.8860204
2660	0.8980000	1.7000000	3.5000000	0.0000000	60.0000000	0.0000000	280.7060908
2661	0.8980000	1.8000000	3.5000000	0.0000000	60.0000000	0.0000000	300.6080559
2662	0.8980000	2.0000000	3.5000000	0.0000000	60.0000000	0.0000000	326.6356428
2663	0.8980000	2.2000000	3.5000000	0.0000000	60.0000000	0.0000000	338.6126651
2664	0.8980000	2.4000000	3.5000000	0.0000000	60.0000000	0.0000000	343.4038255
2665	0.8980000	2.6000000	3.5000000	0.0000000	60.0000000	0.0000000	345.3159095

2666	0.8980000	2.8000000	3.5000000	0.0000000	60.0000000	0.0000000	346.1378843
2667	0.8980000	3.0000000	3.5000000	0.0000000	60.0000000	0.0000000	346.5130721
2668	0.8980000	3.5000000	3.5000000	0.0000000	60.0000000	0.0000000	346.6708281
2669	0.8980000	4.0000000	3.5000000	0.0000000	60.0000000	0.0000000	346.3417621
2670	0.8980000	4.5000000	3.5000000	0.0000000	60.0000000	0.0000000	345.8302791
2671	0.8980000	5.0000000	3.5000000	0.0000000	60.0000000	0.0000000	345.2869186
2672	0.8980000	5.5000000	3.5000000	0.0000000	60.0000000	0.0000000	344.8053052
2673	0.8980000	6.0000000	3.5000000	0.0000000	60.0000000	0.0000000	344.4302427
2674	0.8980000	7.0000000	3.5000000	0.0000000	60.0000000	0.0000000	343.9992064
2675	0.8980000	8.0000000	3.5000000	0.0000000	60.0000000	0.0000000	343.8484159
2676	0.8980000	9.0000000	3.5000000	0.0000000	60.0000000	0.0000000	343.8156599
2677	0.8980000	10.0000000	3.5000000	0.0000000	60.0000000	0.0000000	343.8191740
2678	0.8980000	0.8000000	4.0000000	0.0000000	60.0000000	0.0000000	451.3483816
2679	0.8980000	0.9000000	4.0000000	0.0000000	60.0000000	0.0000000	227.3306370
2680	0.8980000	1.0000000	4.0000000	0.0000000	60.0000000	0.0000000	136.6610401
2681	0.8980000	1.1000000	4.0000000	0.0000000	60.0000000	0.0000000	115.2152135
2682	0.8980000	1.2000000	4.0000000	0.0000000	60.0000000	0.0000000	128.5246268
2683	0.8980000	1.3000000	4.0000000	0.0000000	60.0000000	0.0000000	157.4044325
2684	0.8980000	1.4000000	4.0000000	0.0000000	60.0000000	0.0000000	191.2133252
2685	0.8980000	1.5000000	4.0000000	0.0000000	60.0000000	0.0000000	224.2573466
2686	0.8980000	1.6000000	4.0000000	0.0000000	60.0000000	0.0000000	253.7288311
2687	0.8980000	1.7000000	4.0000000	0.0000000	60.0000000	0.0000000	278.4867154
2688	0.8980000	1.8000000	4.0000000	0.0000000	60.0000000	0.0000000	298.3327693
2689	0.8980000	2.0000000	4.0000000	0.0000000	60.0000000	0.0000000	324.2862474
2690	0.8980000	2.2000000	4.0000000	0.0000000	60.0000000	0.0000000	336.1980087
2691	0.8980000	2.4000000	4.0000000	0.0000000	60.0000000	0.0000000	340.9125501
2692	0.8980000	2.6000000	4.0000000	0.0000000	60.0000000	0.0000000	342.7657111
2693	0.8980000	2.8000000	4.0000000	0.0000000	60.0000000	0.0000000	343.5627108
2694	0.8980000	3.0000000	4.0000000	0.0000000	60.0000000	0.0000000	343.9517040
2695	0.8980000	3.5000000	4.0000000	0.0000000	60.0000000	0.0000000	344.3063724
2696	0.8980000	4.0000000	4.0000000	0.0000000	60.0000000	0.0000000	344.3530590
2697	0.8980000	4.5000000	4.0000000	0.0000000	60.0000000	0.0000000	344.3013523
2698	0.8980000	5.0000000	4.0000000	0.0000000	60.0000000	0.0000000	344.2091711
2699	0.8980000	5.5000000	4.0000000	0.0000000	60.0000000	0.0000000	344.1071381
2700	0.8980000	6.0000000	4.0000000	0.0000000	60.0000000	0.0000000	344.0140157
2701	0.8980000	7.0000000	4.0000000	0.0000000	60.0000000	0.0000000	343.8855018
2702	0.8980000	8.0000000	4.0000000	0.0000000	60.0000000	0.0000000	343.8313476
2703	0.8980000	9.0000000	4.0000000	0.0000000	60.0000000	0.0000000	343.8198015
2704	0.8980000	10.0000000	4.0000000	0.0000000	60.0000000	0.0000000	343.8246333
2705	0.8980000	0.8000000	10.0000000	0.0000000	60.0000000	0.0000000	449.8575447
2706	0.8980000	0.9000000	10.0000000	0.0000000	60.0000000	0.0000000	227.2442290
2707	0.8980000	1.0000000	10.0000000	0.0000000	60.0000000	0.0000000	136.5364794
2708	0.8980000	1.1000000	10.0000000	0.0000000	60.0000000	0.0000000	115.0634190
2709	0.8980000	1.2000000	10.0000000	0.0000000	60.0000000	0.0000000	128.3519362
2710	0.8980000	1.3000000	10.0000000	0.0000000	60.0000000	0.0000000	157.2136069
2711	0.8980000	1.4000000	10.0000000	0.0000000	60.0000000	0.0000000	191.0044273
2712	0.8980000	1.5000000	10.0000000	0.0000000	60.0000000	0.0000000	224.0283684
2713	0.8980000	1.6000000	10.0000000	0.0000000	60.0000000	0.0000000	253.4765095
2714	0.8980000	1.7000000	10.0000000	0.0000000	60.0000000	0.0000000	278.2064696
2715	0.8980000	1.8000000	10.0000000	0.0000000	60.0000000	0.0000000	298.0218383
2716	0.8980000	2.0000000	10.0000000	0.0000000	60.0000000	0.0000000	323.9261197
2717	0.8980000	2.2000000	10.0000000	0.0000000	60.0000000	0.0000000	335.7951475
2718	0.8980000	2.4000000	10.0000000	0.0000000	60.0000000	0.0000000	340.4637553
2719	0.8980000	2.6000000	10.0000000	0.0000000	60.0000000	0.0000000	342.2750614
2720	0.8980000	2.8000000	10.0000000	0.0000000	60.0000000	0.0000000	343.0384894
2721	0.8980000	3.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.4033235

2722	0.8980000	3.5000000	10.0000000	0.0000000	60.0000000	0.0000000	343.7387900
2723	0.8980000	4.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8185465
2724	0.8980000	4.5000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8425173
2725	0.8980000	5.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8513024
2726	0.8980000	5.5000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8554440
2727	0.8980000	6.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8577658
2728	0.8980000	7.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8593345
2729	0.8980000	8.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8597738
2730	0.8980000	9.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8598993
2731	0.8980000	10.0000000	10.0000000	0.0000000	60.0000000	0.0000000	343.8599621
2732	1.2980000	1.5000000	1.0000000	0.0000000	60.0000000	0.0000000	1897.2655635
2733	1.2980000	1.6000000	1.0000000	0.0000000	60.0000000	0.0000000	1451.7770097
2734	1.2980000	1.7000000	1.0000000	0.0000000	60.0000000	0.0000000	1116.6750279
2735	1.2980000	1.8000000	1.0000000	0.0000000	60.0000000	0.0000000	867.6688519
2736	1.2980000	2.0000000	1.0000000	0.0000000	60.0000000	0.0000000	552.7280593
2737	1.2980000	2.2000000	1.0000000	0.0000000	60.0000000	0.0000000	393.8190034
2738	1.2980000	2.4000000	1.0000000	0.0000000	60.0000000	0.0000000	322.9170844
2739	1.2980000	2.6000000	1.0000000	0.0000000	60.0000000	0.0000000	300.1121979
2740	1.2980000	2.8000000	1.0000000	0.0000000	60.0000000	0.0000000	300.1300191
2741	1.2980000	3.0000000	1.0000000	0.0000000	60.0000000	0.0000000	302.4913373
2742	1.2980000	3.5000000	1.0000000	0.0000000	60.0000000	0.0000000	336.6975062
2743	1.2980000	4.0000000	1.0000000	0.0000000	60.0000000	0.0000000	345.6460423
2744	1.2980000	4.5000000	1.0000000	0.0000000	60.0000000	0.0000000	310.8968266
2745	1.2980000	5.0000000	1.0000000	0.0000000	60.0000000	0.0000000	290.5729871
2746	1.2980000	5.5000000	1.0000000	0.0000000	60.0000000	0.0000000	279.8994274
2747	1.2980000	6.0000000	1.0000000	0.0000000	60.0000000	0.0000000	274.6205039
2748	1.2980000	7.0000000	1.0000000	0.0000000	60.0000000	0.0000000	271.0427587
2749	1.2980000	8.0000000	1.0000000	0.0000000	60.0000000	0.0000000	270.4070917
2750	1.2980000	9.0000000	1.0000000	0.0000000	60.0000000	0.0000000	270.3360575
2751	1.2980000	10.0000000	1.0000000	0.0000000	60.0000000	0.0000000	270.3509295
2752	1.2980000	1.5000000	1.1000000	0.0000000	60.0000000	0.0000000	1772.7852040
2753	1.2980000	1.6000000	1.1000000	0.0000000	60.0000000	0.0000000	1407.7388466
2754	1.2980000	1.7000000	1.1000000	0.0000000	60.0000000	0.0000000	1105.3914726
2755	1.2980000	1.8000000	1.1000000	0.0000000	60.0000000	0.0000000	873.9118998
2756	1.2980000	2.0000000	1.1000000	0.0000000	60.0000000	0.0000000	570.4969062
2757	1.2980000	2.2000000	1.1000000	0.0000000	60.0000000	0.0000000	410.1588292
2758	1.2980000	2.4000000	1.1000000	0.0000000	60.0000000	0.0000000	334.2425888
2759	1.2980000	2.6000000	1.1000000	0.0000000	60.0000000	0.0000000	305.6331957
2760	1.2980000	2.8000000	1.1000000	0.0000000	60.0000000	0.0000000	300.5189307
2761	1.2980000	3.0000000	1.1000000	0.0000000	60.0000000	0.0000000	303.8673149
2762	1.2980000	3.5000000	1.1000000	0.0000000	60.0000000	0.0000000	343.8636267
2763	1.2980000	4.0000000	1.1000000	0.0000000	60.0000000	0.0000000	344.9455159
2764	1.2980000	4.5000000	1.1000000	0.0000000	60.0000000	0.0000000	310.7423840
2765	1.2980000	5.0000000	1.1000000	0.0000000	60.0000000	0.0000000	290.5924712
2766	1.2980000	5.5000000	1.1000000	0.0000000	60.0000000	0.0000000	279.9905230
2767	1.2980000	6.0000000	1.1000000	0.0000000	60.0000000	0.0000000	274.7085185
2768	1.2980000	7.0000000	1.1000000	0.0000000	60.0000000	0.0000000	271.0772843
2769	1.2980000	8.0000000	1.1000000	0.0000000	60.0000000	0.0000000	270.4156697
2770	1.2980000	9.0000000	1.1000000	0.0000000	60.0000000	0.0000000	270.3371871
2771	1.2980000	10.0000000	1.1000000	0.0000000	60.0000000	0.0000000	270.3506032
2772	1.2980000	1.4000000	1.2000000	0.0000000	60.0000000	0.0000000	1909.8929995
2773	1.2980000	1.5000000	1.2000000	0.0000000	60.0000000	0.0000000	1551.1761419
2774	1.2980000	1.6000000	1.2000000	0.0000000	60.0000000	0.0000000	1253.2957631
2775	1.2980000	1.7000000	1.2000000	0.0000000	60.0000000	0.0000000	1032.9871014
2776	1.2980000	1.8000000	1.2000000	0.0000000	60.0000000	0.0000000	838.0012708
2777	1.2980000	2.0000000	1.2000000	0.0000000	60.0000000	0.0000000	569.5440582

2778	1.2980000	2.2000000	1.2000000	0.0000000	60.0000000	0.0000000	419.1720176
2779	1.2980000	2.4000000	1.2000000	0.0000000	60.0000000	0.0000000	343.5241818
2780	1.2980000	2.6000000	1.2000000	0.0000000	60.0000000	0.0000000	311.9659773
2781	1.2980000	2.8000000	1.2000000	0.0000000	60.0000000	0.0000000	303.9048652
2782	1.2980000	3.0000000	1.2000000	0.0000000	60.0000000	0.0000000	306.2540095
2783	1.2980000	3.5000000	1.2000000	0.0000000	60.0000000	0.0000000	360.6790357
2784	1.2980000	4.0000000	1.2000000	0.0000000	60.0000000	0.0000000	340.1114715
2785	1.2980000	4.5000000	1.2000000	0.0000000	60.0000000	0.0000000	309.9859967
2786	1.2980000	5.0000000	1.2000000	0.0000000	60.0000000	0.0000000	290.4803667
2787	1.2980000	5.5000000	1.2000000	0.0000000	60.0000000	0.0000000	280.0383580
2788	1.2980000	6.0000000	1.2000000	0.0000000	60.0000000	0.0000000	274.7789502
2789	1.2980000	7.0000000	1.2000000	0.0000000	60.0000000	0.0000000	271.1092120
2790	1.2980000	8.0000000	1.2000000	0.0000000	60.0000000	0.0000000	270.4240344
2791	1.2980000	9.0000000	1.2000000	0.0000000	60.0000000	0.0000000	270.3383166
2792	1.2980000	10.0000000	1.2000000	0.0000000	60.0000000	0.0000000	270.3503020
2793	1.2980000	1.3000000	1.3000000	0.0000000	60.0000000	0.0000000	1768.7971805
2794	1.2980000	1.4000000	1.3000000	0.0000000	60.0000000	0.0000000	1507.8437262
2795	1.2980000	1.5000000	1.3000000	0.0000000	60.0000000	0.0000000	1270.0306877
2796	1.2980000	1.6000000	1.3000000	0.0000000	60.0000000	0.0000000	1060.8733086
2797	1.2980000	1.7000000	1.3000000	0.0000000	60.0000000	0.0000000	883.7977280
2798	1.2980000	1.8000000	1.3000000	0.0000000	60.0000000	0.0000000	738.5801757
2799	1.2980000	2.0000000	1.3000000	0.0000000	60.0000000	0.0000000	547.1378912
2800	1.2980000	2.2000000	1.3000000	0.0000000	60.0000000	0.0000000	418.5006452
2801	1.2980000	2.4000000	1.3000000	0.0000000	60.0000000	0.0000000	349.7126802
2802	1.2980000	2.6000000	1.3000000	0.0000000	60.0000000	0.0000000	318.7432679
2803	1.2980000	2.8000000	1.3000000	0.0000000	60.0000000	0.0000000	309.2622272
2804	1.2980000	3.0000000	1.3000000	0.0000000	60.0000000	0.0000000	310.3465636
2805	1.2980000	3.5000000	1.3000000	0.0000000	60.0000000	0.0000000	346.3836169
2806	1.2980000	4.0000000	1.3000000	0.0000000	60.0000000	0.0000000	333.5469067
2807	1.2980000	4.5000000	1.3000000	0.0000000	60.0000000	0.0000000	308.6721801
2808	1.2980000	5.0000000	1.3000000	0.0000000	60.0000000	0.0000000	290.2205777
2809	1.2980000	5.5000000	1.3000000	0.0000000	60.0000000	0.0000000	280.0334007
2810	1.2980000	6.0000000	1.3000000	0.0000000	60.0000000	0.0000000	274.8272684
2811	1.2980000	7.0000000	1.3000000	0.0000000	60.0000000	0.0000000	271.1376381
2812	1.2980000	8.0000000	1.3000000	0.0000000	60.0000000	0.0000000	270.4321293
2813	1.2980000	9.0000000	1.3000000	0.0000000	60.0000000	0.0000000	270.3395088
2814	1.2980000	10.0000000	1.3000000	0.0000000	60.0000000	0.0000000	270.3500510
2815	1.2980000	1.0000000	1.4000000	0.0000000	60.0000000	0.0000000	1789.2361053
2816	1.2980000	1.1000000	1.4000000	0.0000000	60.0000000	0.0000000	1598.6582778
2817	1.2980000	1.2000000	1.4000000	0.0000000	60.0000000	0.0000000	1431.0016142
2818	1.2980000	1.3000000	1.4000000	0.0000000	60.0000000	0.0000000	1274.8573651
2819	1.2980000	1.4000000	1.4000000	0.0000000	60.0000000	0.0000000	1126.6731991
2820	1.2980000	1.5000000	1.4000000	0.0000000	60.0000000	0.0000000	985.3942728
2821	1.2980000	1.6000000	1.4000000	0.0000000	60.0000000	0.0000000	853.9818036
2822	1.2980000	1.7000000	1.4000000	0.0000000	60.0000000	0.0000000	736.1208406
2823	1.2980000	1.8000000	1.4000000	0.0000000	60.0000000	0.0000000	634.9384520
2824	1.2980000	2.0000000	1.4000000	0.0000000	60.0000000	0.0000000	484.0512261
2825	1.2980000	2.2000000	1.4000000	0.0000000	60.0000000	0.0000000	392.9770739
2826	1.2980000	2.4000000	1.4000000	0.0000000	60.0000000	0.0000000	346.2283711
2827	1.2980000	2.6000000	1.4000000	0.0000000	60.0000000	0.0000000	328.5520568
2828	1.2980000	2.8000000	1.4000000	0.0000000	60.0000000	0.0000000	328.0666154
2829	1.2980000	3.0000000	1.4000000	0.0000000	60.0000000	0.0000000	330.7130738
2830	1.2980000	3.5000000	1.4000000	0.0000000	60.0000000	0.0000000	333.3894645
2831	1.2980000	4.0000000	1.4000000	0.0000000	60.0000000	0.0000000	326.7711848
2832	1.2980000	4.5000000	1.4000000	0.0000000	60.0000000	0.0000000	306.9176636
2833	1.2980000	5.0000000	1.4000000	0.0000000	60.0000000	0.0000000	289.8092453

2834	1.2980000	5.5000000	1.4000000	0.0000000	60.0000000	0.0000000	279.9686418
2835	1.2980000	6.0000000	1.4000000	0.0000000	60.0000000	0.0000000	274.8496077
2836	1.2980000	7.0000000	1.4000000	0.0000000	60.0000000	0.0000000	271.1616090
2837	1.2980000	8.0000000	1.4000000	0.0000000	60.0000000	0.0000000	270.4395966
2838	1.2980000	9.0000000	1.4000000	0.0000000	60.0000000	0.0000000	270.3407011
2839	1.2980000	10.0000000	1.4000000	0.0000000	60.0000000	0.0000000	270.3498000
2840	1.2980000	0.8000000	1.5000000	0.0000000	60.0000000	0.0000000	1683.0535329
2841	1.2980000	0.9000000	1.5000000	0.0000000	60.0000000	0.0000000	1383.1914164
2842	1.2980000	1.0000000	1.5000000	0.0000000	60.0000000	0.0000000	1199.6337884
2843	1.2980000	1.1000000	1.5000000	0.0000000	60.0000000	0.0000000	1074.4918957
2844	1.2980000	1.2000000	1.5000000	0.0000000	60.0000000	0.0000000	977.2112983
2845	1.2980000	1.3000000	1.5000000	0.0000000	60.0000000	0.0000000	892.4387844
2846	1.2980000	1.4000000	1.5000000	0.0000000	60.0000000	0.0000000	813.3258413
2847	1.2980000	1.5000000	1.5000000	0.0000000	60.0000000	0.0000000	737.3956261
2848	1.2980000	1.6000000	1.5000000	0.0000000	60.0000000	0.0000000	664.1373464
2849	1.2980000	1.7000000	1.5000000	0.0000000	60.0000000	0.0000000	594.5383880
2850	1.2980000	1.8000000	1.5000000	0.0000000	60.0000000	0.0000000	531.1402901
2851	1.2980000	2.0000000	1.5000000	0.0000000	60.0000000	0.0000000	430.6209280
2852	1.2980000	2.2000000	1.5000000	0.0000000	60.0000000	0.0000000	366.1371132
2853	1.2980000	2.4000000	1.5000000	0.0000000	60.0000000	0.0000000	331.0484150
2854	1.2980000	2.6000000	1.5000000	0.0000000	60.0000000	0.0000000	318.7424522
2855	1.2980000	2.8000000	1.5000000	0.0000000	60.0000000	0.0000000	315.7922790
2856	1.2980000	3.0000000	1.5000000	0.0000000	60.0000000	0.0000000	317.2994314
2857	1.2980000	3.5000000	1.5000000	0.0000000	60.0000000	0.0000000	322.6763717
2858	1.2980000	4.0000000	1.5000000	0.0000000	60.0000000	0.0000000	320.5090168
2859	1.2980000	4.5000000	1.5000000	0.0000000	60.0000000	0.0000000	304.8776931
2860	1.2980000	5.0000000	1.5000000	0.0000000	60.0000000	0.0000000	289.2545269
2861	1.2980000	5.5000000	1.5000000	0.0000000	60.0000000	0.0000000	279.8403788
2862	1.2980000	6.0000000	1.5000000	0.0000000	60.0000000	0.0000000	274.8432698
2863	1.2980000	7.0000000	1.5000000	0.0000000	60.0000000	0.0000000	271.1804970
2864	1.2980000	8.0000000	1.5000000	0.0000000	60.0000000	0.0000000	270.4464365
2865	1.2980000	9.0000000	1.5000000	0.0000000	60.0000000	0.0000000	270.3418306
2866	1.2980000	10.0000000	1.5000000	0.0000000	60.0000000	0.0000000	270.3496117
2867	1.2980000	0.8000000	1.6000000	0.0000000	60.0000000	0.0000000	1267.2548995
2868	1.2980000	0.9000000	1.6000000	0.0000000	60.0000000	0.0000000	983.6202408
2869	1.2980000	1.0000000	1.6000000	0.0000000	60.0000000	0.0000000	824.3379423
2870	1.2980000	1.1000000	1.6000000	0.0000000	60.0000000	0.0000000	729.9083085
2871	1.2980000	1.2000000	1.6000000	0.0000000	60.0000000	0.0000000	668.3253445
2872	1.2980000	1.3000000	1.6000000	0.0000000	60.0000000	0.0000000	622.1136016
2873	1.2980000	1.4000000	1.6000000	0.0000000	60.0000000	0.0000000	582.4604622
2874	1.2980000	1.5000000	1.6000000	0.0000000	60.0000000	0.0000000	545.4245393
2875	1.2980000	1.6000000	1.6000000	0.0000000	60.0000000	0.0000000	509.4986179
2876	1.2980000	1.7000000	1.6000000	0.0000000	60.0000000	0.0000000	474.2157682
2877	1.2980000	1.8000000	1.6000000	0.0000000	60.0000000	0.0000000	440.0609923
2878	1.2980000	2.0000000	1.6000000	0.0000000	60.0000000	0.0000000	380.9799713
2879	1.2980000	2.2000000	1.6000000	0.0000000	60.0000000	0.0000000	339.3447176
2880	1.2980000	2.4000000	1.6000000	0.0000000	60.0000000	0.0000000	315.3993954
2881	1.2980000	2.6000000	1.6000000	0.0000000	60.0000000	0.0000000	308.0568443
2882	1.2980000	2.8000000	1.6000000	0.0000000	60.0000000	0.0000000	305.5603606
2883	1.2980000	3.0000000	1.6000000	0.0000000	60.0000000	0.0000000	307.1045987
2884	1.2980000	3.5000000	1.6000000	0.0000000	60.0000000	0.0000000	314.3675189
2885	1.2980000	4.0000000	1.6000000	0.0000000	60.0000000	0.0000000	315.0870212
2886	1.2980000	4.5000000	1.6000000	0.0000000	60.0000000	0.0000000	302.7083301
2887	1.2980000	5.0000000	1.6000000	0.0000000	60.0000000	0.0000000	288.5743694
2888	1.2980000	5.5000000	1.6000000	0.0000000	60.0000000	0.0000000	279.6479844
2889	1.2980000	6.0000000	1.6000000	0.0000000	60.0000000	0.0000000	274.8065606

2890	1.2980000	7.0000000	1.6000000	0.0000000	60.0000000	0.0000000	271.1936120
2891	1.2980000	8.0000000	1.6000000	0.0000000	60.0000000	0.0000000	270.4523978
2892	1.2980000	9.0000000	1.6000000	0.0000000	60.0000000	0.0000000	270.3429601
2893	1.2980000	10.0000000	1.6000000	0.0000000	60.0000000	0.0000000	270.3494862
2894	1.2980000	0.8000000	1.7000000	0.0000000	60.0000000	0.0000000	1021.3592881
2895	1.2980000	0.9000000	1.7000000	0.0000000	60.0000000	0.0000000	743.8655626
2896	1.2980000	1.0000000	1.7000000	0.0000000	60.0000000	0.0000000	595.3062087
2897	1.2980000	1.1000000	1.7000000	0.0000000	60.0000000	0.0000000	514.0116660
2898	1.2980000	1.2000000	1.7000000	0.0000000	60.0000000	0.0000000	469.7681065
2899	1.2980000	1.3000000	1.7000000	0.0000000	60.0000000	0.0000000	443.5522667
2900	1.2980000	1.4000000	1.7000000	0.0000000	60.0000000	0.0000000	425.3997354
2901	1.2980000	1.5000000	1.7000000	0.0000000	60.0000000	0.0000000	410.3697540
2902	1.2980000	1.6000000	1.7000000	0.0000000	60.0000000	0.0000000	396.2767069
2903	1.2980000	1.7000000	1.7000000	0.0000000	60.0000000	0.0000000	382.2183612
2904	1.2980000	1.8000000	1.7000000	0.0000000	60.0000000	0.0000000	367.9108315
2905	1.2980000	2.0000000	1.7000000	0.0000000	60.0000000	0.0000000	340.6194404
2906	1.2980000	2.2000000	1.7000000	0.0000000	60.0000000	0.0000000	317.2127723
2907	1.2980000	2.4000000	1.7000000	0.0000000	60.0000000	0.0000000	306.4136480
2908	1.2980000	2.6000000	1.7000000	0.0000000	60.0000000	0.0000000	299.6335336
2909	1.2980000	2.8000000	1.7000000	0.0000000	60.0000000	0.0000000	298.3276236
2910	1.2980000	3.0000000	1.7000000	0.0000000	60.0000000	0.0000000	300.2116581
2911	1.2980000	3.5000000	1.7000000	0.0000000	60.0000000	0.0000000	308.3754936
2912	1.2980000	4.0000000	1.7000000	0.0000000	60.0000000	0.0000000	310.6207852
2913	1.2980000	4.5000000	1.7000000	0.0000000	60.0000000	0.0000000	300.5374610
2914	1.2980000	5.0000000	1.7000000	0.0000000	60.0000000	0.0000000	287.7924926
2915	1.2980000	5.5000000	1.7000000	0.0000000	60.0000000	0.0000000	279.3940313
2916	1.2980000	6.0000000	1.7000000	0.0000000	60.0000000	0.0000000	274.7389150
2917	1.2980000	7.0000000	1.7000000	0.0000000	60.0000000	0.0000000	271.2005774
2918	1.2980000	8.0000000	1.7000000	0.0000000	60.0000000	0.0000000	270.4574179
2919	1.2980000	9.0000000	1.7000000	0.0000000	60.0000000	0.0000000	270.3440897
2920	1.2980000	10.0000000	1.7000000	0.0000000	60.0000000	0.0000000	270.3493607
2921	1.2980000	0.8000000	1.8000000	0.0000000	60.0000000	0.0000000	878.3339403
2922	1.2980000	0.9000000	1.8000000	0.0000000	60.0000000	0.0000000	604.1572298
2923	1.2980000	1.0000000	1.8000000	0.0000000	60.0000000	0.0000000	460.1576107
2924	1.2980000	1.1000000	1.8000000	0.0000000	60.0000000	0.0000000	385.1639534
2925	1.2980000	1.2000000	1.8000000	0.0000000	60.0000000	0.0000000	349.0576859
2926	1.2980000	1.3000000	1.8000000	0.0000000	60.0000000	0.0000000	332.8545754
2927	1.2980000	1.4000000	1.8000000	0.0000000	60.0000000	0.0000000	326.0607186
2928	1.2980000	1.5000000	1.8000000	0.0000000	60.0000000	0.0000000	323.1031410
2929	1.2980000	1.6000000	1.8000000	0.0000000	60.0000000	0.0000000	321.2925879
2930	1.2980000	1.7000000	1.8000000	0.0000000	60.0000000	0.0000000	319.4575619
2931	1.2980000	1.8000000	1.8000000	0.0000000	60.0000000	0.0000000	317.0687589
2932	1.2980000	2.0000000	1.8000000	0.0000000	60.0000000	0.0000000	310.2744628
2933	1.2980000	2.2000000	1.8000000	0.0000000	60.0000000	0.0000000	302.5114176
2934	1.2980000	2.4000000	1.8000000	0.0000000	60.0000000	0.0000000	297.9855055
2935	1.2980000	2.6000000	1.8000000	0.0000000	60.0000000	0.0000000	294.3804009
2936	1.2980000	2.8000000	1.8000000	0.0000000	60.0000000	0.0000000	294.2321204
2937	1.2980000	3.0000000	1.8000000	0.0000000	60.0000000	0.0000000	296.3697314
2938	1.2980000	3.5000000	1.8000000	0.0000000	60.0000000	0.0000000	304.4757732
2939	1.2980000	4.0000000	1.8000000	0.0000000	60.0000000	0.0000000	307.0925505
2940	1.2980000	4.5000000	1.8000000	0.0000000	60.0000000	0.0000000	298.4507410
2941	1.2980000	5.0000000	1.8000000	0.0000000	60.0000000	0.0000000	286.9341224
2942	1.2980000	5.5000000	1.8000000	0.0000000	60.0000000	0.0000000	279.0835396
2943	1.2980000	6.0000000	1.8000000	0.0000000	60.0000000	0.0000000	274.6408981
2944	1.2980000	7.0000000	1.8000000	0.0000000	60.0000000	0.0000000	271.2010167
2945	1.2980000	8.0000000	1.8000000	0.0000000	60.0000000	0.0000000	270.4613712

2946	1.2980000	9.0000000	1.8000000	0.0000000	60.0000000	0.0000000	270.3451564
2947	1.2980000	10.0000000	1.8000000	0.0000000	60.0000000	0.0000000	270.3492980
2948	1.2980000	0.8000000	1.9000000	0.0000000	60.0000000	0.0000000	795.9015974
2949	1.2980000	0.9000000	1.9000000	0.0000000	60.0000000	0.0000000	525.1523437
2950	1.2980000	1.0000000	1.9000000	0.0000000	60.0000000	0.0000000	384.4846744
2951	1.2980000	1.1000000	1.9000000	0.0000000	60.0000000	0.0000000	313.1616339
2952	1.2980000	1.2000000	1.9000000	0.0000000	60.0000000	0.0000000	281.2097927
2953	1.2980000	1.3000000	1.9000000	0.0000000	60.0000000	0.0000000	270.1275989
2954	1.2980000	1.4000000	1.9000000	0.0000000	60.0000000	0.0000000	269.2609456
2955	1.2980000	1.5000000	1.9000000	0.0000000	60.0000000	0.0000000	272.8106412
2956	1.2980000	1.6000000	1.9000000	0.0000000	60.0000000	0.0000000	277.7936939
2957	1.2980000	1.7000000	1.9000000	0.0000000	60.0000000	0.0000000	282.7745503
2958	1.2980000	1.8000000	1.9000000	0.0000000	60.0000000	0.0000000	287.0925686
2959	1.2980000	2.0000000	1.9000000	0.0000000	60.0000000	0.0000000	292.8315819
2960	1.2980000	2.2000000	1.9000000	0.0000000	60.0000000	0.0000000	296.3805245
2961	1.2980000	2.4000000	1.9000000	0.0000000	60.0000000	0.0000000	293.8570579
2962	1.2980000	2.6000000	1.9000000	0.0000000	60.0000000	0.0000000	292.4791726
2963	1.2980000	2.8000000	1.9000000	0.0000000	60.0000000	0.0000000	293.0613759
2964	1.2980000	3.0000000	1.9000000	0.0000000	60.0000000	0.0000000	295.1677997
2965	1.2980000	3.5000000	1.9000000	0.0000000	60.0000000	0.0000000	302.3447511
2966	1.2980000	4.0000000	1.9000000	0.0000000	60.0000000	0.0000000	304.3902437
2967	1.2980000	4.5000000	1.9000000	0.0000000	60.0000000	0.0000000	296.4888954
2968	1.2980000	5.0000000	1.9000000	0.0000000	60.0000000	0.0000000	286.0222884
2969	1.2980000	5.5000000	1.9000000	0.0000000	60.0000000	0.0000000	278.7232236
2970	1.2980000	6.0000000	1.9000000	0.0000000	60.0000000	0.0000000	274.5142039
2971	1.2980000	7.0000000	1.9000000	0.0000000	60.0000000	0.0000000	271.1948671
2972	1.2980000	8.0000000	1.9000000	0.0000000	60.0000000	0.0000000	270.4641950
2973	1.2980000	9.0000000	1.9000000	0.0000000	60.0000000	0.0000000	270.3461604
2974	1.2980000	10.0000000	1.9000000	0.0000000	60.0000000	0.0000000	270.3492352
2975	1.2980000	0.8000000	2.0000000	0.0000000	60.0000000	0.0000000	726.7326713
2976	1.2980000	0.9000000	2.0000000	0.0000000	60.0000000	0.0000000	482.4658862
2977	1.2980000	1.0000000	2.0000000	0.0000000	60.0000000	0.0000000	344.7516530
2978	1.2980000	1.1000000	2.0000000	0.0000000	60.0000000	0.0000000	276.7443098
2979	1.2980000	1.2000000	2.0000000	0.0000000	60.0000000	0.0000000	248.1288737
2980	1.2980000	1.3000000	2.0000000	0.0000000	60.0000000	0.0000000	239.8433015
2981	1.2980000	1.4000000	2.0000000	0.0000000	60.0000000	0.0000000	241.9524863
2982	1.2980000	1.5000000	2.0000000	0.0000000	60.0000000	0.0000000	248.7351107
2983	1.2980000	1.6000000	2.0000000	0.0000000	60.0000000	0.0000000	257.1325679
2984	1.2980000	1.7000000	2.0000000	0.0000000	60.0000000	0.0000000	265.5896386
2985	1.2980000	1.8000000	2.0000000	0.0000000	60.0000000	0.0000000	273.3585824
2986	1.2980000	2.0000000	2.0000000	0.0000000	60.0000000	0.0000000	288.4803057
2987	1.2980000	2.2000000	2.0000000	0.0000000	60.0000000	0.0000000	293.4340538
2988	1.2980000	2.4000000	2.0000000	0.0000000	60.0000000	0.0000000	293.7222062
2989	1.2980000	2.6000000	2.0000000	0.0000000	60.0000000	0.0000000	293.5502057
2990	1.2980000	2.8000000	2.0000000	0.0000000	60.0000000	0.0000000	294.3276900
2991	1.2980000	3.0000000	2.0000000	0.0000000	60.0000000	0.0000000	296.0690915
2992	1.2980000	3.5000000	2.0000000	0.0000000	60.0000000	0.0000000	301.5833938
2993	1.2980000	4.0000000	2.0000000	0.0000000	60.0000000	0.0000000	302.3328912
2994	1.2980000	4.5000000	2.0000000	0.0000000	60.0000000	0.0000000	294.6540577
2995	1.2980000	5.0000000	2.0000000	0.0000000	60.0000000	0.0000000	285.0755648
2996	1.2980000	5.5000000	2.0000000	0.0000000	60.0000000	0.0000000	278.3204253
2997	1.2980000	6.0000000	2.0000000	0.0000000	60.0000000	0.0000000	274.3610915
2998	1.2980000	7.0000000	2.0000000	0.0000000	60.0000000	0.0000000	271.1822540
2999	1.2980000	8.0000000	2.0000000	0.0000000	60.0000000	0.0000000	270.4658893
3000	1.2980000	9.0000000	2.0000000	0.0000000	60.0000000	0.0000000	270.3471017
3001	1.2980000	10.0000000	2.0000000	0.0000000	60.0000000	0.0000000	270.3492980

3002	1.2980000	0.8000000	2.2000000	0.0000000	60.0000000	0.0000000	603.5176094
3003	1.2980000	0.9000000	2.2000000	0.0000000	60.0000000	0.0000000	379.9762699
3004	1.2980000	1.0000000	2.2000000	0.0000000	60.0000000	0.0000000	278.0992910
3005	1.2980000	1.1000000	2.2000000	0.0000000	60.0000000	0.0000000	243.1798321
3006	1.2980000	1.2000000	2.2000000	0.0000000	60.0000000	0.0000000	237.4372419
3007	1.2980000	1.3000000	2.2000000	0.0000000	60.0000000	0.0000000	231.6552441
3008	1.2980000	1.4000000	2.2000000	0.0000000	60.0000000	0.0000000	236.5983872
3009	1.2980000	1.5000000	2.2000000	0.0000000	60.0000000	0.0000000	245.4782110
3010	1.2980000	1.6000000	2.2000000	0.0000000	60.0000000	0.0000000	256.3493106
3011	1.2980000	1.7000000	2.2000000	0.0000000	60.0000000	0.0000000	267.0685529
3012	1.2980000	1.8000000	2.2000000	0.0000000	60.0000000	0.0000000	277.0731248
3013	1.2980000	2.0000000	2.2000000	0.0000000	60.0000000	0.0000000	292.2410955
3014	1.2980000	2.2000000	2.2000000	0.0000000	60.0000000	0.0000000	299.4449670
3015	1.2980000	2.4000000	2.2000000	0.0000000	60.0000000	0.0000000	301.2885899
3016	1.2980000	2.6000000	2.2000000	0.0000000	60.0000000	0.0000000	301.3474502
3017	1.2980000	2.8000000	2.2000000	0.0000000	60.0000000	0.0000000	301.3069131
3018	1.2980000	3.0000000	2.2000000	0.0000000	60.0000000	0.0000000	301.5631880
3019	1.2980000	3.5000000	2.2000000	0.0000000	60.0000000	0.0000000	302.2970603
3020	1.2980000	4.0000000	2.2000000	0.0000000	60.0000000	0.0000000	299.2275977
3021	1.2980000	4.5000000	2.2000000	0.0000000	60.0000000	0.0000000	291.2520151
3022	1.2980000	5.0000000	2.2000000	0.0000000	60.0000000	0.0000000	283.1249517
3023	1.2980000	5.5000000	2.2000000	0.0000000	60.0000000	0.0000000	277.4178785
3024	1.2980000	6.0000000	2.2000000	0.0000000	60.0000000	0.0000000	273.9876607
3025	1.2980000	7.0000000	2.2000000	0.0000000	60.0000000	0.0000000	271.1382657
3026	1.2980000	8.0000000	2.2000000	0.0000000	60.0000000	0.0000000	270.4657638
3027	1.2980000	9.0000000	2.2000000	0.0000000	60.0000000	0.0000000	270.3486705
3028	1.2980000	10.0000000	2.2000000	0.0000000	60.0000000	0.0000000	270.3495490
3029	1.2980000	0.8000000	2.4000000	0.0000000	60.0000000	0.0000000	504.3720537
3030	1.2980000	0.9000000	2.4000000	0.0000000	60.0000000	0.0000000	284.5918806
3031	1.2980000	1.0000000	2.4000000	0.0000000	60.0000000	0.0000000	193.7604490
3032	1.2980000	1.1000000	2.4000000	0.0000000	60.0000000	0.0000000	169.5474939
3033	1.2980000	1.2000000	2.4000000	0.0000000	60.0000000	0.0000000	177.9346600
3034	1.2980000	1.3000000	2.4000000	0.0000000	60.0000000	0.0000000	200.3663040
3035	1.2980000	1.4000000	2.4000000	0.0000000	60.0000000	0.0000000	226.9346158
3036	1.2980000	1.5000000	2.4000000	0.0000000	60.0000000	0.0000000	252.5935409
3037	1.2980000	1.6000000	2.4000000	0.0000000	60.0000000	0.0000000	270.7082962
3038	1.2980000	1.7000000	2.4000000	0.0000000	60.0000000	0.0000000	282.4339382
3039	1.2980000	1.8000000	2.4000000	0.0000000	60.0000000	0.0000000	291.4526927
3040	1.2980000	2.0000000	2.4000000	0.0000000	60.0000000	0.0000000	304.0106632
3041	1.2980000	2.2000000	2.4000000	0.0000000	60.0000000	0.0000000	309.8139963
3042	1.2980000	2.4000000	2.4000000	0.0000000	60.0000000	0.0000000	310.9451449
3043	1.2980000	2.6000000	2.4000000	0.0000000	60.0000000	0.0000000	310.0508184
3044	1.2980000	2.8000000	2.4000000	0.0000000	60.0000000	0.0000000	308.5885331
3045	1.2980000	3.0000000	2.4000000	0.0000000	60.0000000	0.0000000	307.0363884
3046	1.2980000	3.5000000	2.4000000	0.0000000	60.0000000	0.0000000	302.6170902
3047	1.2980000	4.0000000	2.4000000	0.0000000	60.0000000	0.0000000	295.9639838
3048	1.2980000	4.5000000	2.4000000	0.0000000	60.0000000	0.0000000	287.9602259
3049	1.2980000	5.0000000	2.4000000	0.0000000	60.0000000	0.0000000	281.1419590
3050	1.2980000	5.5000000	2.4000000	0.0000000	60.0000000	0.0000000	276.4321238
3051	1.2980000	6.0000000	2.4000000	0.0000000	60.0000000	0.0000000	273.5470863
3052	1.2980000	7.0000000	2.4000000	0.0000000	60.0000000	0.0000000	271.0724400
3053	1.2980000	8.0000000	2.4000000	0.0000000	60.0000000	0.0000000	270.4611829
3054	1.2980000	9.0000000	2.4000000	0.0000000	60.0000000	0.0000000	270.3499255
3055	1.2980000	10.0000000	2.4000000	0.0000000	60.0000000	0.0000000	270.3500510
3056	1.2980000	0.8000000	2.6000000	0.0000000	60.0000000	0.0000000	445.0803778
3057	1.2980000	0.9000000	2.6000000	0.0000000	60.0000000	0.0000000	225.5088515

3058	1.2980000	1.0000000	2.6000000	0.0000000	60.0000000	0.0000000	136.5061708
3059	1.2980000	1.1000000	2.6000000	0.0000000	60.0000000	0.0000000	115.5630421
3060	1.2980000	1.2000000	2.6000000	0.0000000	60.0000000	0.0000000	128.3680632
3061	1.2980000	1.3000000	2.6000000	0.0000000	60.0000000	0.0000000	155.9449710
3062	1.2980000	1.4000000	2.6000000	0.0000000	60.0000000	0.0000000	187.9152609
3063	1.2980000	1.5000000	2.6000000	0.0000000	60.0000000	0.0000000	218.8471482
3064	1.2980000	1.6000000	2.6000000	0.0000000	60.0000000	0.0000000	246.1032732
3065	1.2980000	1.7000000	2.6000000	0.0000000	60.0000000	0.0000000	268.6006174
3066	1.2980000	1.8000000	2.6000000	0.0000000	60.0000000	0.0000000	285.9615455
3067	1.2980000	2.0000000	2.6000000	0.0000000	60.0000000	0.0000000	304.9327256
3068	1.2980000	2.2000000	2.6000000	0.0000000	60.0000000	0.0000000	311.5735957
3069	1.2980000	2.4000000	2.6000000	0.0000000	60.0000000	0.0000000	312.7030499
3070	1.2980000	2.6000000	2.6000000	0.0000000	60.0000000	0.0000000	311.4223031
3071	1.2980000	2.8000000	2.6000000	0.0000000	60.0000000	0.0000000	309.1847925
3072	1.2980000	3.0000000	2.6000000	0.0000000	60.0000000	0.0000000	306.5618030
3073	1.2980000	3.5000000	2.6000000	0.0000000	60.0000000	0.0000000	299.2884034
3074	1.2980000	4.0000000	2.6000000	0.0000000	60.0000000	0.0000000	291.6263245
3075	1.2980000	4.5000000	2.6000000	0.0000000	60.0000000	0.0000000	284.6302214
3076	1.2980000	5.0000000	2.6000000	0.0000000	60.0000000	0.0000000	279.1688809
3077	1.2980000	5.5000000	2.6000000	0.0000000	60.0000000	0.0000000	275.4132994
3078	1.2980000	6.0000000	2.6000000	0.0000000	60.0000000	0.0000000	273.0675436
3079	1.2980000	7.0000000	2.6000000	0.0000000	60.0000000	0.0000000	270.9899224
3080	1.2980000	8.0000000	2.6000000	0.0000000	60.0000000	0.0000000	270.4527116
3081	1.2980000	9.0000000	2.6000000	0.0000000	60.0000000	0.0000000	270.3508040
3082	1.2980000	10.0000000	2.6000000	0.0000000	60.0000000	0.0000000	270.3507413
3083	1.2980000	0.8000000	2.8000000	0.0000000	60.0000000	0.0000000	413.2613177
3084	1.2980000	0.9000000	2.8000000	0.0000000	60.0000000	0.0000000	191.5167888
3085	1.2980000	1.0000000	2.8000000	0.0000000	60.0000000	0.0000000	102.3606820
3086	1.2980000	1.1000000	2.8000000	0.0000000	60.0000000	0.0000000	81.9053164
3087	1.2980000	1.2000000	2.8000000	0.0000000	60.0000000	0.0000000	95.7439083
3088	1.2980000	1.3000000	2.8000000	0.0000000	60.0000000	0.0000000	124.7630212
3089	1.2980000	1.4000000	2.8000000	0.0000000	60.0000000	0.0000000	158.4120245
3090	1.2980000	1.5000000	2.8000000	0.0000000	60.0000000	0.0000000	191.1010011
3091	1.2980000	1.6000000	2.8000000	0.0000000	60.0000000	0.0000000	220.1250085
3092	1.2980000	1.7000000	2.8000000	0.0000000	60.0000000	0.0000000	244.4256893
3093	1.2980000	1.8000000	2.8000000	0.0000000	60.0000000	0.0000000	263.8165479
3094	1.2980000	2.0000000	2.8000000	0.0000000	60.0000000	0.0000000	288.3231146
3095	1.2980000	2.2000000	2.8000000	0.0000000	60.0000000	0.0000000	298.5404121
3096	1.2980000	2.4000000	2.8000000	0.0000000	60.0000000	0.0000000	301.6758887
3097	1.2980000	2.6000000	2.8000000	0.0000000	60.0000000	0.0000000	301.7439107
3098	1.2980000	2.8000000	2.8000000	0.0000000	60.0000000	0.0000000	300.4696900
3099	1.2980000	3.0000000	2.8000000	0.0000000	60.0000000	0.0000000	298.5591746
3100	1.2980000	3.5000000	2.8000000	0.0000000	60.0000000	0.0000000	292.6916473
3101	1.2980000	4.0000000	2.8000000	0.0000000	60.0000000	0.0000000	286.6472250
3102	1.2980000	4.5000000	2.8000000	0.0000000	60.0000000	0.0000000	281.3634070
3103	1.2980000	5.0000000	2.8000000	0.0000000	60.0000000	0.0000000	277.2712922
3104	1.2980000	5.5000000	2.8000000	0.0000000	60.0000000	0.0000000	274.4099118
3105	1.2980000	6.0000000	2.8000000	0.0000000	60.0000000	0.0000000	272.5772704
3106	1.2980000	7.0000000	2.8000000	0.0000000	60.0000000	0.0000000	270.8968627
3107	1.2980000	8.0000000	2.8000000	0.0000000	60.0000000	0.0000000	270.4412282
3108	1.2980000	9.0000000	2.8000000	0.0000000	60.0000000	0.0000000	270.3514315
3109	1.2980000	10.0000000	2.8000000	0.0000000	60.0000000	0.0000000	270.3516825
3110	1.2980000	0.8000000	3.0000000	0.0000000	60.0000000	0.0000000	395.6315644
3111	1.2980000	0.9000000	3.0000000	0.0000000	60.0000000	0.0000000	172.9800962
3112	1.2980000	1.0000000	3.0000000	0.0000000	60.0000000	0.0000000	83.3141379
3113	1.2980000	1.1000000	3.0000000	0.0000000	60.0000000	0.0000000	62.6377008

3114	1.2980000	1.2000000	3.0000000	0.0000000	60.0000000	0.0000000	76.5082329
3115	1.2980000	1.3000000	3.0000000	0.0000000	60.0000000	0.0000000	105.7657367
3116	1.2980000	1.4000000	3.0000000	0.0000000	60.0000000	0.0000000	139.7988385
3117	1.2980000	1.5000000	3.0000000	0.0000000	60.0000000	0.0000000	172.9494109
3118	1.2980000	1.6000000	3.0000000	0.0000000	60.0000000	0.0000000	202.4523336
3119	1.2980000	1.7000000	3.0000000	0.0000000	60.0000000	0.0000000	227.2055744
3120	1.2980000	1.8000000	3.0000000	0.0000000	60.0000000	0.0000000	247.0275946
3121	1.2980000	2.0000000	3.0000000	0.0000000	60.0000000	0.0000000	272.7429956
3122	1.2980000	2.2000000	3.0000000	0.0000000	60.0000000	0.0000000	284.3138311
3123	1.2980000	2.4000000	3.0000000	0.0000000	60.0000000	0.0000000	288.6457800
3124	1.2980000	2.6000000	3.0000000	0.0000000	60.0000000	0.0000000	289.8827894
3125	1.2980000	2.8000000	3.0000000	0.0000000	60.0000000	0.0000000	289.7761756
3126	1.2980000	3.0000000	3.0000000	0.0000000	60.0000000	0.0000000	289.0075392
3127	1.2980000	3.5000000	3.0000000	0.0000000	60.0000000	0.0000000	285.7620602
3128	1.2980000	4.0000000	3.0000000	0.0000000	60.0000000	0.0000000	281.9306756
3129	1.2980000	4.5000000	3.0000000	0.0000000	60.0000000	0.0000000	278.3895769
3130	1.2980000	5.0000000	3.0000000	0.0000000	60.0000000	0.0000000	275.5377973
3131	1.2980000	5.5000000	3.0000000	0.0000000	60.0000000	0.0000000	273.4713459
3132	1.2980000	6.0000000	3.0000000	0.0000000	60.0000000	0.0000000	272.1038145
3133	1.2980000	7.0000000	3.0000000	0.0000000	60.0000000	0.0000000	270.7997243
3134	1.2980000	8.0000000	3.0000000	0.0000000	60.0000000	0.0000000	270.4277367
3135	1.2980000	9.0000000	3.0000000	0.0000000	60.0000000	0.0000000	270.3518708
3136	1.2980000	10.0000000	3.0000000	0.0000000	60.0000000	0.0000000	270.3529375
3137	1.2980000	0.8000000	3.5000000	0.0000000	60.0000000	0.0000000	380.2721405
3138	1.2980000	0.9000000	3.5000000	0.0000000	60.0000000	0.0000000	156.7617373
3139	1.2980000	1.0000000	3.5000000	0.0000000	60.0000000	0.0000000	66.2943867
3140	1.2980000	1.1000000	3.5000000	0.0000000	60.0000000	0.0000000	45.0233843
3141	1.2980000	1.2000000	3.5000000	0.0000000	60.0000000	0.0000000	58.4832743
3142	1.2980000	1.3000000	3.5000000	0.0000000	60.0000000	0.0000000	87.4914058
3143	1.2980000	1.4000000	3.5000000	0.0000000	60.0000000	0.0000000	121.4084811
3144	1.2980000	1.5000000	3.5000000	0.0000000	60.0000000	0.0000000	154.5444326
3145	1.2980000	1.6000000	3.5000000	0.0000000	60.0000000	0.0000000	184.0973678
3146	1.2980000	1.7000000	3.5000000	0.0000000	60.0000000	0.0000000	208.9274156
3147	1.2980000	1.8000000	3.5000000	0.0000000	60.0000000	0.0000000	228.8361578
3148	1.2980000	2.0000000	3.5000000	0.0000000	60.0000000	0.0000000	254.9266212
3149	1.2980000	2.2000000	3.5000000	0.0000000	60.0000000	0.0000000	267.0023507
3150	1.2980000	2.4000000	3.5000000	0.0000000	60.0000000	0.0000000	271.8643569
3151	1.2980000	2.6000000	3.5000000	0.0000000	60.0000000	0.0000000	273.8007256
3152	1.2980000	2.8000000	3.5000000	0.0000000	60.0000000	0.0000000	274.6022434
3153	1.2980000	3.0000000	3.5000000	0.0000000	60.0000000	0.0000000	274.9181318
3154	1.2980000	3.5000000	3.5000000	0.0000000	60.0000000	0.0000000	274.8020425
3155	1.2980000	4.0000000	3.5000000	0.0000000	60.0000000	0.0000000	274.1053815
3156	1.2980000	4.5000000	3.5000000	0.0000000	60.0000000	0.0000000	273.2254877
3157	1.2980000	5.0000000	3.5000000	0.0000000	60.0000000	0.0000000	272.3732043
3158	1.2980000	5.5000000	3.5000000	0.0000000	60.0000000	0.0000000	271.6655619
3159	1.2980000	6.0000000	3.5000000	0.0000000	60.0000000	0.0000000	271.1433485
3160	1.2980000	7.0000000	3.5000000	0.0000000	60.0000000	0.0000000	270.5796567
3161	1.2980000	8.0000000	3.5000000	0.0000000	60.0000000	0.0000000	270.3934746
3162	1.2980000	9.0000000	3.5000000	0.0000000	60.0000000	0.0000000	270.3530630
3163	1.2980000	10.0000000	3.5000000	0.0000000	60.0000000	0.0000000	270.3569536
3164	1.2980000	0.8000000	4.0000000	0.0000000	60.0000000	0.0000000	377.8722306
3165	1.2980000	0.9000000	4.0000000	0.0000000	60.0000000	0.0000000	153.9706379
3166	1.2980000	1.0000000	4.0000000	0.0000000	60.0000000	0.0000000	63.2995350
3167	1.2980000	1.1000000	4.0000000	0.0000000	60.0000000	0.0000000	41.8500062
3168	1.2980000	1.2000000	4.0000000	0.0000000	60.0000000	0.0000000	55.1537718
3169	1.2980000	1.3000000	4.0000000	0.0000000	60.0000000	0.0000000	84.0261730

3170	1.2980000	1.4000000	4.0000000	0.0000000	60.0000000	0.0000000	117.8268452
3171	1.2980000	1.5000000	4.0000000	0.0000000	60.0000000	0.0000000	150.8644033
3172	1.2980000	1.6000000	4.0000000	0.0000000	60.0000000	0.0000000	180.3346327
3173	1.2980000	1.7000000	4.0000000	0.0000000	60.0000000	0.0000000	205.0925170
3174	1.2980000	1.8000000	4.0000000	0.0000000	60.0000000	0.0000000	224.9368139
3175	1.2980000	2.0000000	4.0000000	0.0000000	60.0000000	0.0000000	250.9453246
3176	1.2980000	2.2000000	4.0000000	0.0000000	60.0000000	0.0000000	262.9508358
3177	1.2980000	2.4000000	4.0000000	0.0000000	60.0000000	0.0000000	267.7352817
3178	1.2980000	2.6000000	4.0000000	0.0000000	60.0000000	0.0000000	269.6320547
3179	1.2980000	2.8000000	4.0000000	0.0000000	60.0000000	0.0000000	270.4544058
3180	1.2980000	3.0000000	4.0000000	0.0000000	60.0000000	0.0000000	270.8557609
3181	1.2980000	3.5000000	4.0000000	0.0000000	60.0000000	0.0000000	271.2020834
3182	1.2980000	4.0000000	4.0000000	0.0000000	60.0000000	0.0000000	271.2016442
3183	1.2980000	4.5000000	4.0000000	0.0000000	60.0000000	0.0000000	271.0822918
3184	1.2980000	5.0000000	4.0000000	0.0000000	60.0000000	0.0000000	270.9188256
3185	1.2980000	5.5000000	4.0000000	0.0000000	60.0000000	0.0000000	270.7547946
3186	1.2980000	6.0000000	4.0000000	0.0000000	60.0000000	0.0000000	270.6152993
3187	1.2980000	7.0000000	4.0000000	0.0000000	60.0000000	0.0000000	270.4384671
3188	1.2980000	8.0000000	4.0000000	0.0000000	60.0000000	0.0000000	270.3698175
3189	1.2980000	9.0000000	4.0000000	0.0000000	60.0000000	0.0000000	270.3560751
3190	1.2980000	10.0000000	4.0000000	0.0000000	60.0000000	0.0000000	270.3622247
3191	1.2980000	0.8000000	10.0000000	0.0000000	60.0000000	0.0000000	377.7599064
3192	1.2980000	0.9000000	10.0000000	0.0000000	60.0000000	0.0000000	153.6784068
3193	1.2980000	1.0000000	10.0000000	0.0000000	60.0000000	0.0000000	62.9585464
3194	1.2980000	1.1000000	10.0000000	0.0000000	60.0000000	0.0000000	41.4728102
3195	1.2980000	1.2000000	10.0000000	0.0000000	60.0000000	0.0000000	54.7479614
3196	1.2980000	1.3000000	10.0000000	0.0000000	60.0000000	0.0000000	83.5955759
3197	1.2980000	1.4000000	10.0000000	0.0000000	60.0000000	0.0000000	117.3719009
3198	1.2980000	1.5000000	10.0000000	0.0000000	60.0000000	0.0000000	150.3831035
3199	1.2980000	1.6000000	10.0000000	0.0000000	60.0000000	0.0000000	179.8228360
3200	1.2980000	1.7000000	10.0000000	0.0000000	60.0000000	0.0000000	204.5434462
3201	1.2980000	1.8000000	10.0000000	0.0000000	60.0000000	0.0000000	224.3457000
3202	1.2980000	2.0000000	10.0000000	0.0000000	60.0000000	0.0000000	250.2834276
3203	1.2980000	2.2000000	10.0000000	0.0000000	60.0000000	0.0000000	262.2258114
3204	1.2980000	2.4000000	10.0000000	0.0000000	60.0000000	0.0000000	266.9436785
3205	1.2980000	2.6000000	10.0000000	0.0000000	60.0000000	0.0000000	268.7815911
3206	1.2980000	2.8000000	10.0000000	0.0000000	60.0000000	0.0000000	269.5588870
3207	1.2980000	3.0000000	10.0000000	0.0000000	60.0000000	0.0000000	269.9310629
3208	1.2980000	3.5000000	10.0000000	0.0000000	60.0000000	0.0000000	270.2732439
3209	1.2980000	4.0000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3544436
3210	1.2980000	4.5000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3787282
3211	1.2980000	5.0000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3875760
3212	1.2980000	5.5000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3917176
3213	1.2980000	6.0000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3939766
3214	1.2980000	7.0000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3956082
3215	1.2980000	8.0000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3959847
3216	1.2980000	9.0000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3961729
3217	1.2980000	10.0000000	10.0000000	0.0000000	60.0000000	0.0000000	270.3962357
3218	1.0980000	0.8000000	1.0000000	90.0000000	90.0000000	0.0000000	1230.6361450
3219	1.0980000	0.9000000	1.0000000	90.0000000	90.0000000	0.0000000	950.4254289
3220	1.0980000	1.0000000	1.0000000	90.0000000	90.0000000	0.0000000	769.2829593
3221	1.0980000	1.1000000	1.0000000	90.0000000	90.0000000	0.0000000	651.3202771
3222	1.0980000	1.2000000	1.0000000	90.0000000	90.0000000	0.0000000	575.9848154
3223	1.0980000	1.3000000	1.0000000	90.0000000	90.0000000	0.0000000	524.7116438
3224	1.0980000	1.4000000	1.0000000	90.0000000	90.0000000	0.0000000	485.8641010
3225	1.0980000	1.5000000	1.0000000	90.0000000	90.0000000	0.0000000	452.9127000

3226	1.0980000	1.6000000	1.0000000	90.0000000	90.0000000	0.0000000	422.6331089
3227	1.0980000	1.7000000	1.0000000	90.0000000	90.0000000	0.0000000	393.8247137
3228	1.0980000	1.8000000	1.0000000	90.0000000	90.0000000	0.0000000	366.4460988
3229	1.0980000	2.0000000	1.0000000	90.0000000	90.0000000	0.0000000	318.5675025
3230	1.0980000	2.2000000	1.0000000	90.0000000	90.0000000	0.0000000	284.6568905
3231	1.0980000	2.4000000	1.0000000	90.0000000	90.0000000	0.0000000	266.6618640
3232	1.0980000	2.6000000	1.0000000	90.0000000	90.0000000	0.0000000	262.7334038
3233	1.0980000	2.8000000	1.0000000	90.0000000	90.0000000	0.0000000	269.2999139
3234	1.0980000	3.0000000	1.0000000	90.0000000	90.0000000	0.0000000	282.2810769
3235	1.0980000	3.2000000	1.0000000	90.0000000	90.0000000	0.0000000	297.5973281
3236	1.0980000	3.4000000	1.0000000	90.0000000	90.0000000	0.0000000	311.8962610
3237	1.0980000	3.6000000	1.0000000	90.0000000	90.0000000	0.0000000	322.5419592
3238	1.0980000	3.8000000	1.0000000	90.0000000	90.0000000	0.0000000	326.6508912
3239	1.0980000	4.0000000	1.0000000	90.0000000	90.0000000	0.0000000	321.9424995
3240	1.0980000	4.4000000	1.0000000	90.0000000	90.0000000	0.0000000	293.0343302
3241	1.0980000	4.8000000	1.0000000	90.0000000	90.0000000	0.0000000	267.1203225
3242	1.0980000	5.2000000	1.0000000	90.0000000	90.0000000	0.0000000	250.3227724
3243	1.0980000	5.6000000	1.0000000	90.0000000	90.0000000	0.0000000	240.3830223
3244	1.0980000	6.0000000	1.0000000	90.0000000	90.0000000	0.0000000	234.7964310
3245	1.0980000	7.0000000	1.0000000	90.0000000	90.0000000	0.0000000	229.7703311
3246	1.0980000	8.0000000	1.0000000	90.0000000	90.0000000	0.0000000	228.8997872
3247	1.0980000	9.0000000	1.0000000	90.0000000	90.0000000	0.0000000	228.7877140
3248	1.0980000	10.0000000	1.0000000	90.0000000	90.0000000	0.0000000	228.7901613
3249	1.0980000	0.8000000	1.1000000	90.0000000	90.0000000	0.0000000	995.9338592
3250	1.0980000	0.9000000	1.1000000	90.0000000	90.0000000	0.0000000	718.2408994
3251	1.0980000	1.0000000	1.1000000	90.0000000	90.0000000	0.0000000	574.9295955
3252	1.0980000	1.1000000	1.1000000	90.0000000	90.0000000	0.0000000	494.9497480
3253	1.0980000	1.2000000	1.1000000	90.0000000	90.0000000	0.0000000	433.1245653
3254	1.0980000	1.3000000	1.1000000	90.0000000	90.0000000	0.0000000	389.1394142
3255	1.0980000	1.4000000	1.1000000	90.0000000	90.0000000	0.0000000	358.7305561
3256	1.0980000	1.5000000	1.1000000	90.0000000	90.0000000	0.0000000	336.6719666
3257	1.0980000	1.6000000	1.1000000	90.0000000	90.0000000	0.0000000	319.5279685
3258	1.0980000	1.7000000	1.1000000	90.0000000	90.0000000	0.0000000	305.4393768
3259	1.0980000	1.8000000	1.1000000	90.0000000	90.0000000	0.0000000	293.5384713
3260	1.0980000	2.0000000	1.1000000	90.0000000	90.0000000	0.0000000	275.3663617
3261	1.0980000	2.2000000	1.1000000	90.0000000	90.0000000	0.0000000	265.0784066
3262	1.0980000	2.4000000	1.1000000	90.0000000	90.0000000	0.0000000	263.0213679
3263	1.0980000	2.6000000	1.1000000	90.0000000	90.0000000	0.0000000	268.1065791
3264	1.0980000	2.8000000	1.1000000	90.0000000	90.0000000	0.0000000	278.1025541
3265	1.0980000	3.0000000	1.1000000	90.0000000	90.0000000	0.0000000	290.4237026
3266	1.0980000	3.2000000	1.1000000	90.0000000	90.0000000	0.0000000	302.7676924
3267	1.0980000	3.4000000	1.1000000	90.0000000	90.0000000	0.0000000	313.0308609
3268	1.0980000	3.6000000	1.1000000	90.0000000	90.0000000	0.0000000	318.8500700
3269	1.0980000	3.8000000	1.1000000	90.0000000	90.0000000	0.0000000	318.2413858
3270	1.0980000	4.0000000	1.1000000	90.0000000	90.0000000	0.0000000	309.6695436
3271	1.0980000	4.4000000	1.1000000	90.0000000	90.0000000	0.0000000	282.7911166
3272	1.0980000	4.8000000	1.1000000	90.0000000	90.0000000	0.0000000	261.0935960
3273	1.0980000	5.2000000	1.1000000	90.0000000	90.0000000	0.0000000	247.0576523
3274	1.0980000	5.6000000	1.1000000	90.0000000	90.0000000	0.0000000	238.6869270
3275	1.0980000	6.0000000	1.1000000	90.0000000	90.0000000	0.0000000	233.9436456
3276	1.0980000	7.0000000	1.1000000	90.0000000	90.0000000	0.0000000	229.6372991
3277	1.0980000	8.0000000	1.1000000	90.0000000	90.0000000	0.0000000	228.8830955
3278	1.0980000	9.0000000	1.1000000	90.0000000	90.0000000	0.0000000	228.7870237
3279	1.0980000	10.0000000	1.1000000	90.0000000	90.0000000	0.0000000	228.7910398
3280	1.0980000	0.8000000	1.2000000	90.0000000	90.0000000	0.0000000	861.9787843
3281	1.0980000	0.9000000	1.2000000	90.0000000	90.0000000	0.0000000	581.2939221

3282	1.0980000	1.0000000	1.2000000	90.0000000	90.0000000	0.0000000	437.9733937
3283	1.0980000	1.1000000	1.2000000	90.0000000	90.0000000	0.0000000	369.0436744
3284	1.0980000	1.2000000	1.2000000	90.0000000	90.0000000	0.0000000	337.6537052
3285	1.0980000	1.3000000	1.2000000	90.0000000	90.0000000	0.0000000	320.5332386
3286	1.0980000	1.4000000	1.2000000	90.0000000	90.0000000	0.0000000	303.5209548
3287	1.0980000	1.5000000	1.2000000	90.0000000	90.0000000	0.0000000	289.4596597
3288	1.0980000	1.6000000	1.2000000	90.0000000	90.0000000	0.0000000	279.4193200
3289	1.0980000	1.7000000	1.2000000	90.0000000	90.0000000	0.0000000	272.4567886
3290	1.0980000	1.8000000	1.2000000	90.0000000	90.0000000	0.0000000	267.7804625
3291	1.0980000	2.0000000	1.2000000	90.0000000	90.0000000	0.0000000	263.3584032
3292	1.0980000	2.2000000	1.2000000	90.0000000	90.0000000	0.0000000	264.0228730
3293	1.0980000	2.4000000	1.2000000	90.0000000	90.0000000	0.0000000	268.8610965
3294	1.0980000	2.6000000	1.2000000	90.0000000	90.0000000	0.0000000	276.7103615
3295	1.0980000	2.8000000	1.2000000	90.0000000	90.0000000	0.0000000	286.2942510
3296	1.0980000	3.0000000	1.2000000	90.0000000	90.0000000	0.0000000	296.3550477
3297	1.0980000	3.2000000	1.2000000	90.0000000	90.0000000	0.0000000	305.3523413
3298	1.0980000	3.4000000	1.2000000	90.0000000	90.0000000	0.0000000	311.3748634
3299	1.0980000	3.6000000	1.2000000	90.0000000	90.0000000	0.0000000	312.7179219
3300	1.0980000	3.8000000	1.2000000	90.0000000	90.0000000	0.0000000	307.7196207
3301	1.0980000	4.0000000	1.2000000	90.0000000	90.0000000	0.0000000	297.1421328
3302	1.0980000	4.4000000	1.2000000	90.0000000	90.0000000	0.0000000	273.5548046
3303	1.0980000	4.8000000	1.2000000	90.0000000	90.0000000	0.0000000	255.6606817
3304	1.0980000	5.2000000	1.2000000	90.0000000	90.0000000	0.0000000	244.0855793
3305	1.0980000	5.6000000	1.2000000	90.0000000	90.0000000	0.0000000	237.1275659
3306	1.0980000	6.0000000	1.2000000	90.0000000	90.0000000	0.0000000	233.1531719
3307	1.0980000	7.0000000	1.2000000	90.0000000	90.0000000	0.0000000	229.5123620
3308	1.0980000	8.0000000	1.2000000	90.0000000	90.0000000	0.0000000	228.8674077
3309	1.0980000	9.0000000	1.2000000	90.0000000	90.0000000	0.0000000	228.7865845
3310	1.0980000	10.0000000	1.2000000	90.0000000	90.0000000	0.0000000	228.7920438
3311	1.0980000	0.8000000	1.3000000	90.0000000	90.0000000	0.0000000	789.0975750
3312	1.0980000	0.9000000	1.3000000	90.0000000	90.0000000	0.0000000	508.2843242
3313	1.0980000	1.0000000	1.3000000	90.0000000	90.0000000	0.0000000	364.3424988
3314	1.0980000	1.1000000	1.3000000	90.0000000	90.0000000	0.0000000	295.7489362
3315	1.0980000	1.2000000	1.3000000	90.0000000	90.0000000	0.0000000	267.8606581
3316	1.0980000	1.3000000	1.3000000	90.0000000	90.0000000	0.0000000	260.5053059
3317	1.0980000	1.4000000	1.3000000	90.0000000	90.0000000	0.0000000	261.5558195
3318	1.0980000	1.5000000	1.3000000	90.0000000	90.0000000	0.0000000	264.2426896
3319	1.0980000	1.6000000	1.3000000	90.0000000	90.0000000	0.0000000	264.9877316
3320	1.0980000	1.7000000	1.3000000	90.0000000	90.0000000	0.0000000	264.2264998
3321	1.0980000	1.8000000	1.3000000	90.0000000	90.0000000	0.0000000	263.9008851
3322	1.0980000	2.0000000	1.3000000	90.0000000	90.0000000	0.0000000	265.9015109
3323	1.0980000	2.2000000	1.3000000	90.0000000	90.0000000	0.0000000	270.7818402
3324	1.0980000	2.4000000	1.3000000	90.0000000	90.0000000	0.0000000	277.4173765
3325	1.0980000	2.6000000	1.3000000	90.0000000	90.0000000	0.0000000	284.9175579
3326	1.0980000	2.8000000	1.3000000	90.0000000	90.0000000	0.0000000	292.7154927
3327	1.0980000	3.0000000	1.3000000	90.0000000	90.0000000	0.0000000	299.9076297
3328	1.0980000	3.2000000	1.3000000	90.0000000	90.0000000	0.0000000	305.1118169
3329	1.0980000	3.4000000	1.3000000	90.0000000	90.0000000	0.0000000	306.9485371
3330	1.0980000	3.6000000	1.3000000	90.0000000	90.0000000	0.0000000	303.9172271
3331	1.0980000	3.8000000	1.3000000	90.0000000	90.0000000	0.0000000	295.7884693
3332	1.0980000	4.0000000	1.3000000	90.0000000	90.0000000	0.0000000	285.2809487
3333	1.0980000	4.4000000	1.3000000	90.0000000	90.0000000	0.0000000	265.4055901
3334	1.0980000	4.8000000	1.3000000	90.0000000	90.0000000	0.0000000	250.8609873
3335	1.0980000	5.2000000	1.3000000	90.0000000	90.0000000	0.0000000	241.4344772
3336	1.0980000	5.6000000	1.3000000	90.0000000	90.0000000	0.0000000	235.7229488
3337	1.0980000	6.0000000	1.3000000	90.0000000	90.0000000	0.0000000	232.4356149

3338	1.0980000	7.0000000	1.3000000	90.0000000	90.0000000	0.0000000	229.3972767
3339	1.0980000	8.0000000	1.3000000	90.0000000	90.0000000	0.0000000	228.8529750
3340	1.0980000	9.0000000	1.3000000	90.0000000	90.0000000	0.0000000	228.7862707
3341	1.0980000	10.0000000	1.3000000	90.0000000	90.0000000	0.0000000	228.7931106
3342	1.0980000	0.8000000	1.4000000	90.0000000	90.0000000	0.0000000	751.4044614
3343	1.0980000	0.9000000	1.4000000	90.0000000	90.0000000	0.0000000	473.3484874
3344	1.0980000	1.0000000	1.4000000	90.0000000	90.0000000	0.0000000	330.0151578
3345	1.0980000	1.1000000	1.4000000	90.0000000	90.0000000	0.0000000	261.3929807
3346	1.0980000	1.2000000	1.4000000	90.0000000	90.0000000	0.0000000	233.8038365
3347	1.0980000	1.3000000	1.4000000	90.0000000	90.0000000	0.0000000	227.9238845
3348	1.0980000	1.4000000	1.4000000	90.0000000	90.0000000	0.0000000	232.4880119
3349	1.0980000	1.5000000	1.4000000	90.0000000	90.0000000	0.0000000	240.9933380
3350	1.0980000	1.6000000	1.4000000	90.0000000	90.0000000	0.0000000	249.9500318
3351	1.0980000	1.7000000	1.4000000	90.0000000	90.0000000	0.0000000	257.7485940
3352	1.0980000	1.8000000	1.4000000	90.0000000	90.0000000	0.0000000	263.6996429
3353	1.0980000	2.0000000	1.4000000	90.0000000	90.0000000	0.0000000	271.6556472
3354	1.0980000	2.2000000	1.4000000	90.0000000	90.0000000	0.0000000	278.3366778
3355	1.0980000	2.4000000	1.4000000	90.0000000	90.0000000	0.0000000	284.8487202
3356	1.0980000	2.6000000	1.4000000	90.0000000	90.0000000	0.0000000	290.9980620
3357	1.0980000	2.8000000	1.4000000	90.0000000	90.0000000	0.0000000	296.3846033
3358	1.0980000	3.0000000	1.4000000	90.0000000	90.0000000	0.0000000	300.2604783
3359	1.0980000	3.2000000	1.4000000	90.0000000	90.0000000	0.0000000	301.6559967
3360	1.0980000	3.4000000	1.4000000	90.0000000	90.0000000	0.0000000	299.3045932
3361	1.0980000	3.6000000	1.4000000	90.0000000	90.0000000	0.0000000	292.8103721
3362	1.0980000	3.8000000	1.4000000	90.0000000	90.0000000	0.0000000	283.9283520
3363	1.0980000	4.0000000	1.4000000	90.0000000	90.0000000	0.0000000	274.6208805
3364	1.0980000	4.4000000	1.4000000	90.0000000	90.0000000	0.0000000	258.3600393
3365	1.0980000	4.8000000	1.4000000	90.0000000	90.0000000	0.0000000	246.6983404
3366	1.0980000	5.2000000	1.4000000	90.0000000	90.0000000	0.0000000	239.1130686
3367	1.0980000	5.6000000	1.4000000	90.0000000	90.0000000	0.0000000	234.4814840
3368	1.0980000	6.0000000	1.4000000	90.0000000	90.0000000	0.0000000	231.7966847
3369	1.0980000	7.0000000	1.4000000	90.0000000	90.0000000	0.0000000	229.2932984
3370	1.0980000	8.0000000	1.4000000	90.0000000	90.0000000	0.0000000	228.8399228
3371	1.0980000	9.0000000	1.4000000	90.0000000	90.0000000	0.0000000	228.7862080
3372	1.0980000	10.0000000	1.4000000	90.0000000	90.0000000	0.0000000	228.7942401
3373	1.0980000	0.8000000	1.5000000	90.0000000	90.0000000	0.0000000	674.4002638
3374	1.0980000	0.9000000	1.5000000	90.0000000	90.0000000	0.0000000	461.6045848
3375	1.0980000	1.0000000	1.5000000	90.0000000	90.0000000	0.0000000	318.3426031
3376	1.0980000	1.1000000	1.5000000	90.0000000	90.0000000	0.0000000	250.2083774
3377	1.0980000	1.2000000	1.5000000	90.0000000	90.0000000	0.0000000	222.4098960
3378	1.0980000	1.3000000	1.5000000	90.0000000	90.0000000	0.0000000	216.3876248
3379	1.0980000	1.4000000	1.5000000	90.0000000	90.0000000	0.0000000	221.3313327
3380	1.0980000	1.5000000	1.5000000	90.0000000	90.0000000	0.0000000	231.0193259
3381	1.0980000	1.6000000	1.5000000	90.0000000	90.0000000	0.0000000	241.9969139
3382	1.0980000	1.7000000	1.5000000	90.0000000	90.0000000	0.0000000	252.4768242
3383	1.0980000	1.8000000	1.5000000	90.0000000	90.0000000	0.0000000	261.6340699
3384	1.0980000	2.0000000	1.5000000	90.0000000	90.0000000	0.0000000	275.0224238
3385	1.0980000	2.2000000	1.5000000	90.0000000	90.0000000	0.0000000	283.4641832
3386	1.0980000	2.4000000	1.5000000	90.0000000	90.0000000	0.0000000	289.4442858
3387	1.0980000	2.6000000	1.5000000	90.0000000	90.0000000	0.0000000	293.7476830
3388	1.0980000	2.8000000	1.5000000	90.0000000	90.0000000	0.0000000	296.3871134
3389	1.0980000	3.0000000	1.5000000	90.0000000	90.0000000	0.0000000	296.8817791
3390	1.0980000	3.2000000	1.5000000	90.0000000	90.0000000	0.0000000	294.3827854
3391	1.0980000	3.4000000	1.5000000	90.0000000	90.0000000	0.0000000	288.7660108
3392	1.0980000	3.6000000	1.5000000	90.0000000	90.0000000	0.0000000	281.2221546
3393	1.0980000	3.8000000	1.5000000	90.0000000	90.0000000	0.0000000	273.1361931

3394	1.0980000	4.0000000	1.5000000	90.0000000	90.0000000	0.0000000	265.3868276
3395	1.0980000	4.4000000	1.5000000	90.0000000	90.0000000	0.0000000	252.3810034
3396	1.0980000	4.8000000	1.5000000	90.0000000	90.0000000	0.0000000	243.1487704
3397	1.0980000	5.2000000	1.5000000	90.0000000	90.0000000	0.0000000	237.1148902
3398	1.0980000	5.6000000	1.5000000	90.0000000	90.0000000	0.0000000	233.4035482
3399	1.0980000	6.0000000	1.5000000	90.0000000	90.0000000	0.0000000	231.2379503
3400	1.0980000	7.0000000	1.5000000	90.0000000	90.0000000	0.0000000	229.2011172
3401	1.0980000	8.0000000	1.5000000	90.0000000	90.0000000	0.0000000	228.8284393
3402	1.0980000	9.0000000	1.5000000	90.0000000	90.0000000	0.0000000	228.7863962
3403	1.0980000	10.0000000	1.5000000	90.0000000	90.0000000	0.0000000	228.7954324
3404	1.0980000	0.8000000	1.6000000	90.0000000	90.0000000	0.0000000	579.1072398
3405	1.0980000	0.9000000	1.6000000	90.0000000	90.0000000	0.0000000	366.5224040
3406	1.0980000	1.0000000	1.6000000	90.0000000	90.0000000	0.0000000	281.3398754
3407	1.0980000	1.1000000	1.6000000	90.0000000	90.0000000	0.0000000	254.9608832
3408	1.0980000	1.2000000	1.6000000	90.0000000	90.0000000	0.0000000	223.2258465
3409	1.0980000	1.3000000	1.6000000	90.0000000	90.0000000	0.0000000	216.7803202
3410	1.0980000	1.4000000	1.6000000	90.0000000	90.0000000	0.0000000	221.0971461
3411	1.0980000	1.5000000	1.6000000	90.0000000	90.0000000	0.0000000	230.3504636
3412	1.0980000	1.6000000	1.6000000	90.0000000	90.0000000	0.0000000	241.2352429
3413	1.0980000	1.7000000	1.6000000	90.0000000	90.0000000	0.0000000	251.9703612
3414	1.0980000	1.8000000	1.6000000	90.0000000	90.0000000	0.0000000	261.6528324
3415	1.0980000	2.0000000	1.6000000	90.0000000	90.0000000	0.0000000	276.4864034
3416	1.0980000	2.2000000	1.6000000	90.0000000	90.0000000	0.0000000	285.4435991
3417	1.0980000	2.4000000	1.6000000	90.0000000	90.0000000	0.0000000	290.3714310
3418	1.0980000	2.6000000	1.6000000	90.0000000	90.0000000	0.0000000	292.4957388
3419	1.0980000	2.8000000	1.6000000	90.0000000	90.0000000	0.0000000	292.0976468
3420	1.0980000	3.0000000	1.6000000	90.0000000	90.0000000	0.0000000	289.1392534
3421	1.0980000	3.2000000	1.6000000	90.0000000	90.0000000	0.0000000	283.9852671
3422	1.0980000	3.4000000	1.6000000	90.0000000	90.0000000	0.0000000	277.5025295
3423	1.0980000	3.6000000	1.6000000	90.0000000	90.0000000	0.0000000	270.5736327
3424	1.0980000	3.8000000	1.6000000	90.0000000	90.0000000	0.0000000	263.8206895
3425	1.0980000	4.0000000	1.6000000	90.0000000	90.0000000	0.0000000	257.6075926
3426	1.0980000	4.4000000	1.6000000	90.0000000	90.0000000	0.0000000	247.3923032
3427	1.0980000	4.8000000	1.6000000	90.0000000	90.0000000	0.0000000	240.1689788
3428	1.0980000	5.2000000	1.6000000	90.0000000	90.0000000	0.0000000	235.4224972
3429	1.0980000	5.6000000	1.6000000	90.0000000	90.0000000	0.0000000	232.4832428
3430	1.0980000	6.0000000	1.6000000	90.0000000	90.0000000	0.0000000	230.7576545
3431	1.0980000	7.0000000	1.6000000	90.0000000	90.0000000	0.0000000	229.1206706
3432	1.0980000	8.0000000	1.6000000	90.0000000	90.0000000	0.0000000	228.8185874
3433	1.0980000	9.0000000	1.6000000	90.0000000	90.0000000	0.0000000	228.7867727
3434	1.0980000	10.0000000	1.6000000	90.0000000	90.0000000	0.0000000	228.7966874
3435	1.0980000	0.8000000	1.7000000	90.0000000	90.0000000	0.0000000	509.7398325
3436	1.0980000	0.9000000	1.7000000	90.0000000	90.0000000	0.0000000	295.1764594
3437	1.0980000	1.0000000	1.7000000	90.0000000	90.0000000	0.0000000	209.6290967
3438	1.0980000	1.1000000	1.7000000	90.0000000	90.0000000	0.0000000	190.4891793
3439	1.0980000	1.2000000	1.7000000	90.0000000	90.0000000	0.0000000	202.5800946
3440	1.0980000	1.3000000	1.7000000	90.0000000	90.0000000	0.0000000	220.6610271
3441	1.0980000	1.4000000	1.7000000	90.0000000	90.0000000	0.0000000	224.3667843
3442	1.0980000	1.5000000	1.7000000	90.0000000	90.0000000	0.0000000	233.1111916
3443	1.0980000	1.6000000	1.7000000	90.0000000	90.0000000	0.0000000	243.2299700
3444	1.0980000	1.7000000	1.7000000	90.0000000	90.0000000	0.0000000	253.2279530
3445	1.0980000	1.8000000	1.7000000	90.0000000	90.0000000	0.0000000	262.3045638
3446	1.0980000	2.0000000	1.7000000	90.0000000	90.0000000	0.0000000	276.2893027
3447	1.0980000	2.2000000	1.7000000	90.0000000	90.0000000	0.0000000	284.2207087
3448	1.0980000	2.4000000	1.7000000	90.0000000	90.0000000	0.0000000	287.1058718
3449	1.0980000	2.6000000	1.7000000	90.0000000	90.0000000	0.0000000	286.4011158

3450	1.0980000	2.8000000	1.7000000	90.0000000	90.0000000	0.0000000	283.2690906
3451	1.0980000	3.0000000	1.7000000	90.0000000	90.0000000	0.0000000	278.5803397
3452	1.0980000	3.2000000	1.7000000	90.0000000	90.0000000	0.0000000	273.0342227
3453	1.0980000	3.4000000	1.7000000	90.0000000	90.0000000	0.0000000	267.1837009
3454	1.0980000	3.6000000	1.7000000	90.0000000	90.0000000	0.0000000	261.4335807
3455	1.0980000	3.8000000	1.7000000	90.0000000	90.0000000	0.0000000	256.0525614
3456	1.0980000	4.0000000	1.7000000	90.0000000	90.0000000	0.0000000	251.1973951
3457	1.0980000	4.4000000	1.7000000	90.0000000	90.0000000	0.0000000	243.2932230
3458	1.0980000	4.8000000	1.7000000	90.0000000	90.0000000	0.0000000	237.7038707
3459	1.0980000	5.2000000	1.7000000	90.0000000	90.0000000	0.0000000	234.0108519
3460	1.0980000	5.6000000	1.7000000	90.0000000	90.0000000	0.0000000	231.7100256
3461	1.0980000	6.0000000	1.7000000	90.0000000	90.0000000	0.0000000	230.3515304
3462	1.0980000	7.0000000	1.7000000	90.0000000	90.0000000	0.0000000	229.0517072
3463	1.0980000	8.0000000	1.7000000	90.0000000	90.0000000	0.0000000	228.8102416
3464	1.0980000	9.0000000	1.7000000	90.0000000	90.0000000	0.0000000	228.7874002
3465	1.0980000	10.0000000	1.7000000	90.0000000	90.0000000	0.0000000	228.7979424
3466	1.0980000	0.8000000	1.8000000	90.0000000	90.0000000	0.0000000	459.6548501
3467	1.0980000	0.9000000	1.8000000	90.0000000	90.0000000	0.0000000	243.3396587
3468	1.0980000	1.0000000	1.8000000	90.0000000	90.0000000	0.0000000	156.8997266
3469	1.0980000	1.1000000	1.8000000	90.0000000	90.0000000	0.0000000	137.8193598
3470	1.0980000	1.2000000	1.8000000	90.0000000	90.0000000	0.0000000	151.5865412
3471	1.0980000	1.3000000	1.8000000	90.0000000	90.0000000	0.0000000	178.6329525
3472	1.0980000	1.4000000	1.8000000	90.0000000	90.0000000	0.0000000	207.1085167
3473	1.0980000	1.5000000	1.8000000	90.0000000	90.0000000	0.0000000	229.1479045
3474	1.0980000	1.6000000	1.8000000	90.0000000	90.0000000	0.0000000	242.8746115
3475	1.0980000	1.7000000	1.8000000	90.0000000	90.0000000	0.0000000	252.7160935
3476	1.0980000	1.8000000	1.8000000	90.0000000	90.0000000	0.0000000	261.0285233
3477	1.0980000	2.0000000	1.8000000	90.0000000	90.0000000	0.0000000	272.9670165
3478	1.0980000	2.2000000	1.8000000	90.0000000	90.0000000	0.0000000	278.4149910
3479	1.0980000	2.4000000	1.8000000	90.0000000	90.0000000	0.0000000	278.8669233
3480	1.0980000	2.6000000	1.8000000	90.0000000	90.0000000	0.0000000	276.4451760
3481	1.0980000	2.8000000	1.8000000	90.0000000	90.0000000	0.0000000	272.5685480
3482	1.0980000	3.0000000	1.8000000	90.0000000	90.0000000	0.0000000	268.0052363
3483	1.0980000	3.2000000	1.8000000	90.0000000	90.0000000	0.0000000	263.1961292
3484	1.0980000	3.4000000	1.8000000	90.0000000	90.0000000	0.0000000	258.4278103
3485	1.0980000	3.6000000	1.8000000	90.0000000	90.0000000	0.0000000	253.8970036
3486	1.0980000	3.8000000	1.8000000	90.0000000	90.0000000	0.0000000	249.7331645
3487	1.0980000	4.0000000	1.8000000	90.0000000	90.0000000	0.0000000	246.0100253
3488	1.0980000	4.4000000	1.8000000	90.0000000	90.0000000	0.0000000	239.9720664
3489	1.0980000	4.8000000	1.8000000	90.0000000	90.0000000	0.0000000	235.6928282
3490	1.0980000	5.2000000	1.8000000	90.0000000	90.0000000	0.0000000	232.8505869
3491	1.0980000	5.6000000	1.8000000	90.0000000	90.0000000	0.0000000	231.0702169
3492	1.0980000	6.0000000	1.8000000	90.0000000	90.0000000	0.0000000	230.0134282
3493	1.0980000	7.0000000	1.8000000	90.0000000	90.0000000	0.0000000	228.9934116
3494	1.0980000	8.0000000	1.8000000	90.0000000	90.0000000	0.0000000	228.8034645
3495	1.0980000	9.0000000	1.8000000	90.0000000	90.0000000	0.0000000	228.7882160
3496	1.0980000	10.0000000	1.8000000	90.0000000	90.0000000	0.0000000	228.7992602
3497	1.0980000	0.8000000	1.9000000	90.0000000	90.0000000	0.0000000	423.6415166
3498	1.0980000	0.9000000	1.9000000	90.0000000	90.0000000	0.0000000	205.8971724
3499	1.0980000	1.0000000	1.9000000	90.0000000	90.0000000	0.0000000	118.6067768
3500	1.0980000	1.1000000	1.9000000	90.0000000	90.0000000	0.0000000	99.2348691
3501	1.0980000	1.2000000	1.9000000	90.0000000	90.0000000	0.0000000	113.3363874
3502	1.0980000	1.3000000	1.9000000	90.0000000	90.0000000	0.0000000	141.6299739
3503	1.0980000	1.4000000	1.9000000	90.0000000	90.0000000	0.0000000	173.1957084
3504	1.0980000	1.5000000	1.9000000	90.0000000	90.0000000	0.0000000	201.8560742
3505	1.0980000	1.6000000	1.9000000	90.0000000	90.0000000	0.0000000	224.5609357

3506	1.0980000	1.7000000	1.9000000	90.0000000	90.0000000	0.0000000	240.8334486
3507	1.0980000	1.8000000	1.9000000	90.0000000	90.0000000	0.0000000	251.7701858
3508	1.0980000	2.0000000	1.9000000	90.0000000	90.0000000	0.0000000	263.9957646
3509	1.0980000	2.2000000	1.9000000	90.0000000	90.0000000	0.0000000	268.4579217
3510	1.0980000	2.4000000	1.9000000	90.0000000	90.0000000	0.0000000	268.3299098
3511	1.0980000	2.6000000	1.9000000	90.0000000	90.0000000	0.0000000	265.9300626
3512	1.0980000	2.8000000	1.9000000	90.0000000	90.0000000	0.0000000	262.5509240
3513	1.0980000	3.0000000	1.9000000	90.0000000	90.0000000	0.0000000	258.8048180
3514	1.0980000	3.2000000	1.9000000	90.0000000	90.0000000	0.0000000	254.9974670
3515	1.0980000	3.4000000	1.9000000	90.0000000	90.0000000	0.0000000	251.3062680
3516	1.0980000	3.6000000	1.9000000	90.0000000	90.0000000	0.0000000	247.8456160
3517	1.0980000	3.8000000	1.9000000	90.0000000	90.0000000	0.0000000	244.6888041
3518	1.0980000	4.0000000	1.9000000	90.0000000	90.0000000	0.0000000	241.8759301
3519	1.0980000	4.4000000	1.9000000	90.0000000	90.0000000	0.0000000	237.3161953
3520	1.0980000	4.8000000	1.9000000	90.0000000	90.0000000	0.0000000	234.0741048
3521	1.0980000	5.2000000	1.9000000	90.0000000	90.0000000	0.0000000	231.9105149
3522	1.0980000	5.6000000	1.9000000	90.0000000	90.0000000	0.0000000	230.5486310
3523	1.0980000	6.0000000	1.9000000	90.0000000	90.0000000	0.0000000	229.7360690
3524	1.0980000	7.0000000	1.9000000	90.0000000	90.0000000	0.0000000	228.9450306
3525	1.0980000	8.0000000	1.9000000	90.0000000	90.0000000	0.0000000	228.7980679
3526	1.0980000	9.0000000	1.9000000	90.0000000	90.0000000	0.0000000	228.7892200
3527	1.0980000	10.0000000	1.9000000	90.0000000	90.0000000	0.0000000	228.8005779
3528	1.0980000	0.8000000	2.0000000	90.0000000	90.0000000	0.0000000	397.8331187
3529	1.0980000	0.9000000	2.0000000	90.0000000	90.0000000	0.0000000	178.9518529
3530	1.0980000	1.0000000	2.0000000	90.0000000	90.0000000	0.0000000	90.9321030
3531	1.0980000	1.1000000	2.0000000	90.0000000	90.0000000	0.0000000	71.2089782
3532	1.0980000	1.2000000	2.0000000	90.0000000	90.0000000	0.0000000	85.3421231
3533	1.0980000	1.3000000	2.0000000	90.0000000	90.0000000	0.0000000	114.1110479
3534	1.0980000	1.4000000	2.0000000	90.0000000	90.0000000	0.0000000	146.7614326
3535	1.0980000	1.5000000	2.0000000	90.0000000	90.0000000	0.0000000	177.4113171
3536	1.0980000	1.6000000	2.0000000	90.0000000	90.0000000	0.0000000	203.1284123
3537	1.0980000	1.7000000	2.0000000	90.0000000	90.0000000	0.0000000	222.9791725
3538	1.0980000	1.8000000	2.0000000	90.0000000	90.0000000	0.0000000	237.1648399
3539	1.0980000	2.0000000	2.0000000	90.0000000	90.0000000	0.0000000	252.5584632
3540	1.0980000	2.2000000	2.0000000	90.0000000	90.0000000	0.0000000	257.9419924
3541	1.0980000	2.4000000	2.0000000	90.0000000	90.0000000	0.0000000	258.4090477
3542	1.0980000	2.6000000	2.0000000	90.0000000	90.0000000	0.0000000	256.7048575
3543	1.0980000	2.8000000	2.0000000	90.0000000	90.0000000	0.0000000	254.1486977
3544	1.0980000	3.0000000	2.0000000	90.0000000	90.0000000	0.0000000	251.3076485
3545	1.0980000	3.2000000	2.0000000	90.0000000	90.0000000	0.0000000	248.4361024
3546	1.0980000	3.4000000	2.0000000	90.0000000	90.0000000	0.0000000	245.6668404
3547	1.0980000	3.6000000	2.0000000	90.0000000	90.0000000	0.0000000	243.0795560
3548	1.0980000	3.8000000	2.0000000	90.0000000	90.0000000	0.0000000	240.7235717
3549	1.0980000	4.0000000	2.0000000	90.0000000	90.0000000	0.0000000	238.6249290
3550	1.0980000	4.4000000	2.0000000	90.0000000	90.0000000	0.0000000	235.2186821
3551	1.0980000	4.8000000	2.0000000	90.0000000	90.0000000	0.0000000	232.7882124
3552	1.0980000	5.2000000	2.0000000	90.0000000	90.0000000	0.0000000	231.1593861
3553	1.0980000	5.6000000	2.0000000	90.0000000	90.0000000	0.0000000	230.1294547
3554	1.0980000	6.0000000	2.0000000	90.0000000	90.0000000	0.0000000	229.5117345
3555	1.0980000	7.0000000	2.0000000	90.0000000	90.0000000	0.0000000	228.9054348
3556	1.0980000	8.0000000	2.0000000	90.0000000	90.0000000	0.0000000	228.7940518
3557	1.0980000	9.0000000	2.0000000	90.0000000	90.0000000	0.0000000	228.7904123
3558	1.0980000	10.0000000	2.0000000	90.0000000	90.0000000	0.0000000	228.8019584
3559	1.0980000	0.8000000	2.2000000	90.0000000	90.0000000	0.0000000	366.2702080
3560	1.0980000	0.9000000	2.2000000	90.0000000	90.0000000	0.0000000	145.7961347
3561	1.0980000	1.0000000	2.2000000	90.0000000	90.0000000	0.0000000	56.6850831

3562	1.0980000	1.1000000	2.2000000	90.0000000	90.0000000	0.0000000	36.3267932
3563	1.0980000	1.2000000	2.2000000	90.0000000	90.0000000	0.0000000	50.2682968
3564	1.0980000	1.3000000	2.2000000	90.0000000	90.0000000	0.0000000	79.3138278
3565	1.0980000	1.4000000	2.2000000	90.0000000	90.0000000	0.0000000	112.7860616
3566	1.0980000	1.5000000	2.2000000	90.0000000	90.0000000	0.0000000	144.9342505
3567	1.0980000	1.6000000	2.2000000	90.0000000	90.0000000	0.0000000	172.9116976
3568	1.0980000	1.7000000	2.2000000	90.0000000	90.0000000	0.0000000	195.6301762
3569	1.0980000	1.8000000	2.2000000	90.0000000	90.0000000	0.0000000	212.9993874
3570	1.0980000	2.0000000	2.2000000	90.0000000	90.0000000	0.0000000	233.5200140
3571	1.0980000	2.2000000	2.2000000	90.0000000	90.0000000	0.0000000	241.5169947
3572	1.0980000	2.4000000	2.2000000	90.0000000	90.0000000	0.0000000	243.6459460
3573	1.0980000	2.6000000	2.2000000	90.0000000	90.0000000	0.0000000	243.4078063
3574	1.0980000	2.8000000	2.2000000	90.0000000	90.0000000	0.0000000	242.2930984
3575	1.0980000	3.0000000	2.2000000	90.0000000	90.0000000	0.0000000	240.8774371
3576	1.0980000	3.2000000	2.2000000	90.0000000	90.0000000	0.0000000	239.3881060
3577	1.0980000	3.4000000	2.2000000	90.0000000	90.0000000	0.0000000	237.9273267
3578	1.0980000	3.6000000	2.2000000	90.0000000	90.0000000	0.0000000	236.5501945
3579	1.0980000	3.8000000	2.2000000	90.0000000	90.0000000	0.0000000	235.2890886
3580	1.0980000	4.0000000	2.2000000	90.0000000	90.0000000	0.0000000	234.1612032
3581	1.0980000	4.4000000	2.2000000	90.0000000	90.0000000	0.0000000	232.3214081
3582	1.0980000	4.8000000	2.2000000	90.0000000	90.0000000	0.0000000	230.9993084
3583	1.0980000	5.2000000	2.2000000	90.0000000	90.0000000	0.0000000	230.1064252
3584	1.0980000	5.6000000	2.2000000	90.0000000	90.0000000	0.0000000	229.5369603
3585	1.0980000	6.0000000	2.2000000	90.0000000	90.0000000	0.0000000	229.1917046
3586	1.0980000	7.0000000	2.2000000	90.0000000	90.0000000	0.0000000	228.8483942
3587	1.0980000	8.0000000	2.2000000	90.0000000	90.0000000	0.0000000	228.7892828
3588	1.0980000	9.0000000	2.2000000	90.0000000	90.0000000	0.0000000	228.7932361
3589	1.0980000	10.0000000	2.2000000	90.0000000	90.0000000	0.0000000	228.8046567
3590	1.0980000	0.8000000	2.4000000	90.0000000	90.0000000	0.0000000	350.3367383
3591	1.0980000	0.9000000	2.4000000	90.0000000	90.0000000	0.0000000	128.9011952
3592	1.0980000	1.0000000	2.4000000	90.0000000	90.0000000	0.0000000	39.0909725
3593	1.0980000	1.1000000	2.4000000	90.0000000	90.0000000	0.0000000	18.2697689
3594	1.0980000	1.2000000	2.4000000	90.0000000	90.0000000	0.0000000	31.9750151
3595	1.0980000	1.3000000	2.4000000	90.0000000	90.0000000	0.0000000	61.0149613
3596	1.0980000	1.4000000	2.4000000	90.0000000	90.0000000	0.0000000	94.7307316
3597	1.0980000	1.5000000	2.4000000	90.0000000	90.0000000	0.0000000	127.4028908
3598	1.0980000	1.6000000	2.4000000	90.0000000	90.0000000	0.0000000	156.2064542
3599	1.0980000	1.7000000	2.4000000	90.0000000	90.0000000	0.0000000	180.0210035
3600	1.0980000	1.8000000	2.4000000	90.0000000	90.0000000	0.0000000	198.6926107
3601	1.0980000	2.0000000	2.4000000	90.0000000	90.0000000	0.0000000	221.8900671
3602	1.0980000	2.2000000	2.4000000	90.0000000	90.0000000	0.0000000	231.6572521
3603	1.0980000	2.4000000	2.4000000	90.0000000	90.0000000	0.0000000	234.9454645
3604	1.0980000	2.6000000	2.4000000	90.0000000	90.0000000	0.0000000	235.6664101
3605	1.0980000	2.8000000	2.4000000	90.0000000	90.0000000	0.0000000	235.4440207
3606	1.0980000	3.0000000	2.4000000	90.0000000	90.0000000	0.0000000	234.8798897
3607	1.0980000	3.2000000	2.4000000	90.0000000	90.0000000	0.0000000	234.1976614
3608	1.0980000	3.4000000	2.4000000	90.0000000	90.0000000	0.0000000	233.4898308
3609	1.0980000	3.6000000	2.4000000	90.0000000	90.0000000	0.0000000	232.8031472
3610	1.0980000	3.8000000	2.4000000	90.0000000	90.0000000	0.0000000	232.1641543
3611	1.0980000	4.0000000	2.4000000	90.0000000	90.0000000	0.0000000	231.5874102
3612	1.0980000	4.4000000	2.4000000	90.0000000	90.0000000	0.0000000	230.6389297
3613	1.0980000	4.8000000	2.4000000	90.0000000	90.0000000	0.0000000	229.9515558
3614	1.0980000	5.2000000	2.4000000	90.0000000	90.0000000	0.0000000	229.4834965
3615	1.0980000	5.6000000	2.4000000	90.0000000	90.0000000	0.0000000	229.1821665
3616	1.0980000	6.0000000	2.4000000	90.0000000	90.0000000	0.0000000	228.9976787
3617	1.0980000	7.0000000	2.4000000	90.0000000	90.0000000	0.0000000	228.8141949

3618	1.0980000	8.0000000	2.4000000	90.0000000	90.0000000	0.0000000	228.7881532
3619	1.0980000	9.0000000	2.4000000	90.0000000	90.0000000	0.0000000	228.7964991
3620	1.0980000	10.0000000	2.4000000	90.0000000	90.0000000	0.0000000	228.8073550
3621	1.0980000	0.8000000	2.6000000	90.0000000	90.0000000	0.0000000	342.3586457
3622	1.0980000	0.9000000	2.6000000	90.0000000	90.0000000	0.0000000	120.3608540
3623	1.0980000	1.0000000	2.6000000	90.0000000	90.0000000	0.0000000	30.1265605
3624	1.0980000	1.1000000	2.6000000	90.0000000	90.0000000	0.0000000	9.0047798
3625	1.0980000	1.2000000	2.6000000	90.0000000	90.0000000	0.0000000	22.5279854
3626	1.0980000	1.3000000	2.6000000	90.0000000	90.0000000	0.0000000	51.5056827
3627	1.0980000	1.4000000	2.6000000	90.0000000	90.0000000	0.0000000	85.2863374
3628	1.0980000	1.5000000	2.6000000	90.0000000	90.0000000	0.0000000	118.1622491
3629	1.0980000	1.6000000	2.6000000	90.0000000	90.0000000	0.0000000	147.3167158
3630	1.0980000	1.7000000	2.6000000	90.0000000	90.0000000	0.0000000	171.6169573
3631	1.0980000	1.8000000	2.6000000	90.0000000	90.0000000	0.0000000	190.8851378
3632	1.0980000	2.0000000	2.6000000	90.0000000	90.0000000	0.0000000	215.4377637
3633	1.0980000	2.2000000	2.6000000	90.0000000	90.0000000	0.0000000	226.2127289
3634	1.0980000	2.4000000	2.6000000	90.0000000	90.0000000	0.0000000	230.1693017
3635	1.0980000	2.6000000	2.6000000	90.0000000	90.0000000	0.0000000	231.4297799
3636	1.0980000	2.8000000	2.6000000	90.0000000	90.0000000	0.0000000	231.7004247
3637	1.0980000	3.0000000	2.6000000	90.0000000	90.0000000	0.0000000	231.6024077
3638	1.0980000	3.2000000	2.6000000	90.0000000	90.0000000	0.0000000	231.3598754
3639	1.0980000	3.4000000	2.6000000	90.0000000	90.0000000	0.0000000	231.0613691
3640	1.0980000	3.6000000	2.6000000	90.0000000	90.0000000	0.0000000	230.7494341
3641	1.0980000	3.8000000	2.6000000	90.0000000	90.0000000	0.0000000	230.4480414
3642	1.0980000	4.0000000	2.6000000	90.0000000	90.0000000	0.0000000	230.1704312
3643	1.0980000	4.4000000	2.6000000	90.0000000	90.0000000	0.0000000	229.7067644
3644	1.0980000	4.8000000	2.6000000	90.0000000	90.0000000	0.0000000	229.3660895
3645	1.0980000	5.2000000	2.6000000	90.0000000	90.0000000	0.0000000	229.1316520
3646	1.0980000	5.6000000	2.6000000	90.0000000	90.0000000	0.0000000	228.9794809
3647	1.0980000	6.0000000	2.6000000	90.0000000	90.0000000	0.0000000	228.8859193
3648	1.0980000	7.0000000	2.6000000	90.0000000	90.0000000	0.0000000	228.7958716
3649	1.0980000	8.0000000	2.6000000	90.0000000	90.0000000	0.0000000	228.7894710
3650	1.0980000	9.0000000	2.6000000	90.0000000	90.0000000	0.0000000	228.7998877
3651	1.0980000	10.0000000	2.6000000	90.0000000	90.0000000	0.0000000	228.8099906
3652	1.0980000	0.8000000	2.8000000	90.0000000	90.0000000	0.0000000	338.4069675
3653	1.0980000	0.9000000	2.8000000	90.0000000	90.0000000	0.0000000	116.0961741
3654	1.0980000	1.0000000	2.8000000	90.0000000	90.0000000	0.0000000	25.6202267
3655	1.0980000	1.1000000	2.8000000	90.0000000	90.0000000	0.0000000	4.3196058
3656	1.0980000	1.2000000	2.8000000	90.0000000	90.0000000	0.0000000	17.7244632
3657	1.0980000	1.3000000	2.8000000	90.0000000	90.0000000	0.0000000	46.6454335
3658	1.0980000	1.4000000	2.8000000	90.0000000	90.0000000	0.0000000	80.4346853
3659	1.0980000	1.5000000	2.8000000	90.0000000	90.0000000	0.0000000	113.3905416
3660	1.0980000	1.6000000	2.8000000	90.0000000	90.0000000	0.0000000	142.7002540
3661	1.0980000	1.7000000	2.8000000	90.0000000	90.0000000	0.0000000	167.2257715
3662	1.0980000	1.8000000	2.8000000	90.0000000	90.0000000	0.0000000	186.7789668
3663	1.0980000	2.0000000	2.8000000	90.0000000	90.0000000	0.0000000	212.0224807
3664	1.0980000	2.2000000	2.8000000	90.0000000	90.0000000	0.0000000	223.3473951
3665	1.0980000	2.4000000	2.8000000	90.0000000	90.0000000	0.0000000	227.6682999
3666	1.0980000	2.6000000	2.8000000	90.0000000	90.0000000	0.0000000	229.2160519
3667	1.0980000	2.8000000	2.8000000	90.0000000	90.0000000	0.0000000	229.7454189
3668	1.0980000	3.0000000	2.8000000	90.0000000	90.0000000	0.0000000	229.8904992
3669	1.0980000	3.2000000	2.8000000	90.0000000	90.0000000	0.0000000	229.8764429
3670	1.0980000	3.4000000	2.8000000	90.0000000	90.0000000	0.0000000	229.7902859
3671	1.0980000	3.6000000	2.8000000	90.0000000	90.0000000	0.0000000	229.6726279
3672	1.0980000	3.8000000	2.8000000	90.0000000	90.0000000	0.0000000	229.5462475
3673	1.0980000	4.0000000	2.8000000	90.0000000	90.0000000	0.0000000	229.4238204

3674	1.0980000	4.4000000	2.8000000	90.0000000	90.0000000	0.0000000	229.2121614
3675	1.0980000	4.8000000	2.8000000	90.0000000	90.0000000	0.0000000	229.0526485
3676	1.0980000	5.2000000	2.8000000	90.0000000	90.0000000	0.0000000	228.9413910
3677	1.0980000	5.6000000	2.8000000	90.0000000	90.0000000	0.0000000	228.8691648
3678	1.0980000	6.0000000	2.8000000	90.0000000	90.0000000	0.0000000	228.8253645
3679	1.0980000	7.0000000	2.8000000	90.0000000	90.0000000	0.0000000	228.7879650
3680	1.0980000	8.0000000	2.8000000	90.0000000	90.0000000	0.0000000	228.7923576
3681	1.0980000	9.0000000	2.8000000	90.0000000	90.0000000	0.0000000	228.8032762
3682	1.0980000	10.0000000	2.8000000	90.0000000	90.0000000	0.0000000	228.8125633
3683	1.0980000	0.8000000	3.0000000	90.0000000	90.0000000	0.0000000	336.4830863
3684	1.0980000	0.9000000	3.0000000	90.0000000	90.0000000	0.0000000	114.0082618
3685	1.0980000	1.0000000	3.0000000	90.0000000	90.0000000	0.0000000	23.4029847
3686	1.0980000	1.1000000	3.0000000	90.0000000	90.0000000	0.0000000	2.0034683
3687	1.0980000	1.2000000	3.0000000	90.0000000	90.0000000	0.0000000	15.3388604
3688	1.0980000	1.3000000	3.0000000	90.0000000	90.0000000	0.0000000	44.2206115
3689	1.0980000	1.4000000	3.0000000	90.0000000	90.0000000	0.0000000	78.0033997
3690	1.0980000	1.5000000	3.0000000	90.0000000	90.0000000	0.0000000	110.9889372
3691	1.0980000	1.6000000	3.0000000	90.0000000	90.0000000	0.0000000	140.3669855
3692	1.0980000	1.7000000	3.0000000	90.0000000	90.0000000	0.0000000	164.9971716
3693	1.0980000	1.8000000	3.0000000	90.0000000	90.0000000	0.0000000	184.6870384
3694	1.0980000	2.0000000	3.0000000	90.0000000	90.0000000	0.0000000	210.2818948
3695	1.0980000	2.2000000	3.0000000	90.0000000	90.0000000	0.0000000	221.8998563
3696	1.0980000	2.4000000	3.0000000	90.0000000	90.0000000	0.0000000	226.4126534
3697	1.0980000	2.6000000	3.0000000	90.0000000	90.0000000	0.0000000	228.1074310
3698	1.0980000	2.8000000	3.0000000	90.0000000	90.0000000	0.0000000	228.7668807
3699	1.0980000	3.0000000	3.0000000	90.0000000	90.0000000	0.0000000	229.0330702
3700	1.0980000	3.2000000	3.0000000	90.0000000	90.0000000	0.0000000	229.1325932
3701	1.0980000	3.4000000	3.0000000	90.0000000	90.0000000	0.0000000	229.1517323
3702	1.0980000	3.6000000	3.0000000	90.0000000	90.0000000	0.0000000	229.1305225
3703	1.0980000	3.8000000	3.0000000	90.0000000	90.0000000	0.0000000	229.0909893
3704	1.0980000	4.0000000	3.0000000	90.0000000	90.0000000	0.0000000	229.0457459
3705	1.0980000	4.4000000	3.0000000	90.0000000	90.0000000	0.0000000	228.9599026
3706	1.0980000	4.8000000	3.0000000	90.0000000	90.0000000	0.0000000	228.8916923
3707	1.0980000	5.2000000	3.0000000	90.0000000	90.0000000	0.0000000	228.8434996
3708	1.0980000	5.6000000	3.0000000	90.0000000	90.0000000	0.0000000	228.8129399
3709	1.0980000	6.0000000	3.0000000	90.0000000	90.0000000	0.0000000	228.7957461
3710	1.0980000	7.0000000	3.0000000	90.0000000	90.0000000	0.0000000	228.7866472
3711	1.0980000	8.0000000	3.0000000	90.0000000	90.0000000	0.0000000	228.7961226
3712	1.0980000	9.0000000	3.0000000	90.0000000	90.0000000	0.0000000	228.8066648
3713	1.0980000	10.0000000	3.0000000	90.0000000	90.0000000	0.0000000	228.8150106
3714	1.0980000	0.8000000	3.5000000	90.0000000	90.0000000	0.0000000	335.0108863
3715	1.0980000	0.9000000	3.5000000	90.0000000	90.0000000	0.0000000	112.4091794
3716	1.0980000	1.0000000	3.5000000	90.0000000	90.0000000	0.0000000	21.7009907
3717	1.0980000	1.1000000	3.5000000	90.0000000	90.0000000	0.0000000	0.2192707
3718	1.0980000	1.2000000	3.5000000	90.0000000	90.0000000	0.0000000	13.4929785
3719	1.0980000	1.3000000	3.5000000	90.0000000	90.0000000	0.0000000	42.3350083
3720	1.0980000	1.4000000	3.5000000	90.0000000	90.0000000	0.0000000	76.1026736
3721	1.0980000	1.5000000	3.5000000	90.0000000	90.0000000	0.0000000	109.1013888
3722	1.0980000	1.6000000	3.5000000	90.0000000	90.0000000	0.0000000	138.5236764
3723	1.0980000	1.7000000	3.5000000	90.0000000	90.0000000	0.0000000	163.2278460
3724	1.0980000	1.8000000	3.5000000	90.0000000	90.0000000	0.0000000	183.0194947
3725	1.0980000	2.0000000	3.5000000	90.0000000	90.0000000	0.0000000	208.9019388
3726	1.0980000	2.2000000	3.5000000	90.0000000	90.0000000	0.0000000	220.7729748
3727	1.0980000	2.4000000	3.5000000	90.0000000	90.0000000	0.0000000	225.4467908
3728	1.0980000	2.6000000	3.5000000	90.0000000	90.0000000	0.0000000	227.2587872
3729	1.0980000	2.8000000	3.5000000	90.0000000	90.0000000	0.0000000	228.0186384

3730	1.0980000	3.0000000	3.5000000	90.0000000	90.0000000	0.0000000	228.3771346
3731	1.0980000	3.2000000	3.5000000	90.0000000	90.0000000	0.0000000	228.5629401
3732	1.0980000	3.4000000	3.5000000	90.0000000	90.0000000	0.0000000	228.6622121
3733	1.0980000	3.6000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7144837
3734	1.0980000	3.8000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7415293
3735	1.0980000	4.0000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7557738
3736	1.0980000	4.4000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7679475
3737	1.0980000	4.8000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7721518
3738	1.0980000	5.2000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7750383
3739	1.0980000	5.6000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7788034
3740	1.0980000	6.0000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7833214
3741	1.0980000	7.0000000	3.5000000	90.0000000	90.0000000	0.0000000	228.7953696
3742	1.0980000	8.0000000	3.5000000	90.0000000	90.0000000	0.0000000	228.8060373
3743	1.0980000	9.0000000	3.5000000	90.0000000	90.0000000	0.0000000	228.8142576
3744	1.0980000	10.0000000	3.5000000	90.0000000	90.0000000	0.0000000	228.8207210
3745	1.0980000	0.8000000	4.0000000	90.0000000	90.0000000	0.0000000	334.7982860
3746	1.0980000	0.9000000	4.0000000	90.0000000	90.0000000	0.0000000	112.1832760
3747	1.0980000	1.0000000	4.0000000	90.0000000	90.0000000	0.0000000	21.4648589
3748	1.0980000	1.1000000	4.0000000	90.0000000	90.0000000	0.0000000	-0.0245795
3749	1.0980000	1.2000000	4.0000000	90.0000000	90.0000000	0.0000000	13.2436690
3750	1.0980000	1.3000000	4.0000000	90.0000000	90.0000000	0.0000000	42.0825612
3751	1.0980000	1.4000000	4.0000000	90.0000000	90.0000000	0.0000000	75.8495990
3752	1.0980000	1.5000000	4.0000000	90.0000000	90.0000000	0.0000000	108.8506360
3753	1.0980000	1.6000000	4.0000000	90.0000000	90.0000000	0.0000000	138.2787596
3754	1.0980000	1.7000000	4.0000000	90.0000000	90.0000000	0.0000000	162.9918396
3755	1.0980000	1.8000000	4.0000000	90.0000000	90.0000000	0.0000000	182.7961014
3756	1.0980000	2.0000000	4.0000000	90.0000000	90.0000000	0.0000000	208.7217808
3757	1.0980000	2.2000000	4.0000000	90.0000000	90.0000000	0.0000000	220.6349855
3758	1.0980000	2.4000000	4.0000000	90.0000000	90.0000000	0.0000000	225.3345294
3759	1.0980000	2.6000000	4.0000000	90.0000000	90.0000000	0.0000000	227.1635312
3760	1.0980000	2.8000000	4.0000000	90.0000000	90.0000000	0.0000000	227.9369994
3761	1.0980000	3.0000000	4.0000000	90.0000000	90.0000000	0.0000000	228.3077948
3762	1.0980000	3.2000000	4.0000000	90.0000000	90.0000000	0.0000000	228.5050837
3763	1.0980000	3.4000000	4.0000000	90.0000000	90.0000000	0.0000000	228.6150234
3764	1.0980000	3.6000000	4.0000000	90.0000000	90.0000000	0.0000000	228.6771468
3765	1.0980000	3.8000000	4.0000000	90.0000000	90.0000000	0.0000000	228.7131659
3766	1.0980000	4.0000000	4.0000000	90.0000000	90.0000000	0.0000000	228.7353170
3767	1.0980000	4.4000000	4.0000000	90.0000000	90.0000000	0.0000000	228.7604801
3768	1.0980000	4.8000000	4.0000000	90.0000000	90.0000000	0.0000000	228.7739715
3769	1.0980000	5.2000000	4.0000000	90.0000000	90.0000000	0.0000000	228.7828822
3770	1.0980000	5.6000000	4.0000000	90.0000000	90.0000000	0.0000000	228.7899730
3771	1.0980000	6.0000000	4.0000000	90.0000000	90.0000000	0.0000000	228.7958716
3772	1.0980000	7.0000000	4.0000000	90.0000000	90.0000000	0.0000000	228.8067275
3773	1.0980000	8.0000000	4.0000000	90.0000000	90.0000000	0.0000000	228.8146969
3774	1.0980000	9.0000000	4.0000000	90.0000000	90.0000000	0.0000000	228.8207837
3775	1.0980000	10.0000000	4.0000000	90.0000000	90.0000000	0.0000000	228.8254273
3776	1.0980000	0.8000000	10.0000000	90.0000000	90.0000000	0.0000000	334.8039336
3777	1.0980000	0.9000000	10.0000000	90.0000000	90.0000000	0.0000000	112.1863508
3778	1.0980000	1.0000000	10.0000000	90.0000000	90.0000000	0.0000000	21.4738950
3779	1.0980000	1.1000000	10.0000000	90.0000000	90.0000000	0.0000000	-0.0046875
3780	1.0980000	1.2000000	10.0000000	90.0000000	90.0000000	0.0000000	13.2770525
3781	1.0980000	1.3000000	10.0000000	90.0000000	90.0000000	0.0000000	42.1303146
3782	1.0980000	1.4000000	10.0000000	90.0000000	90.0000000	0.0000000	75.9105929
3783	1.0980000	1.5000000	10.0000000	90.0000000	90.0000000	0.0000000	108.9221093
3784	1.0980000	1.6000000	10.0000000	90.0000000	90.0000000	0.0000000	138.3566962
3785	1.0980000	1.7000000	10.0000000	90.0000000	90.0000000	0.0000000	163.0717216

3786	1.0980000	1.8000000	10.0000000	90.0000000	90.0000000	0.0000000	182.8742890
3787	1.0980000	2.0000000	10.0000000	90.0000000	90.0000000	0.0000000	208.7950739
3788	1.0980000	2.2000000	10.0000000	90.0000000	90.0000000	0.0000000	220.7067097
3789	1.0980000	2.4000000	10.0000000	90.0000000	90.0000000	0.0000000	225.4053125
3790	1.0980000	2.6000000	10.0000000	90.0000000	90.0000000	0.0000000	227.2328710
3791	1.0980000	2.8000000	10.0000000	90.0000000	90.0000000	0.0000000	228.0047077
3792	1.0980000	3.0000000	10.0000000	90.0000000	90.0000000	0.0000000	228.3739343
3793	1.0980000	3.2000000	10.0000000	90.0000000	90.0000000	0.0000000	228.5699055
3794	1.0980000	3.4000000	10.0000000	90.0000000	90.0000000	0.0000000	228.6786528
3795	1.0980000	3.6000000	10.0000000	90.0000000	90.0000000	0.0000000	228.7393958
3796	1.0980000	3.8000000	10.0000000	90.0000000	90.0000000	0.0000000	228.7737833
3797	1.0980000	4.0000000	10.0000000	90.0000000	90.0000000	0.0000000	228.7940518
3798	1.0980000	4.4000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8151361
3799	1.0980000	4.8000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8244233
3800	1.0980000	5.2000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8290041
3801	1.0980000	5.6000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8318280
3802	1.0980000	6.0000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8335222
3803	1.0980000	7.0000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8352165
3804	1.0980000	8.0000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8356558
3805	1.0980000	9.0000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8358440
3806	1.0980000	10.0000000	10.0000000	90.0000000	90.0000000	0.0000000	228.8359068
3807	0.8980000	0.8000000	1.0000000	90.0000000	90.0000000	0.0000000	1490.3573589
3808	0.8980000	0.9000000	1.0000000	90.0000000	90.0000000	0.0000000	1203.8679086
3809	0.8980000	1.0000000	1.0000000	90.0000000	90.0000000	0.0000000	1048.4912917
3810	0.8980000	1.1000000	1.0000000	90.0000000	90.0000000	0.0000000	953.0368723
3811	0.8980000	1.2000000	1.0000000	90.0000000	90.0000000	0.0000000	871.5664388
3812	0.8980000	1.3000000	1.0000000	90.0000000	90.0000000	0.0000000	804.3823880
3813	0.8980000	1.4000000	1.0000000	90.0000000	90.0000000	0.0000000	749.3540114
3814	0.8980000	1.5000000	1.0000000	90.0000000	90.0000000	0.0000000	701.9237706
3815	0.8980000	1.6000000	1.0000000	90.0000000	90.0000000	0.0000000	659.4468385
3816	0.8980000	1.7000000	1.0000000	90.0000000	90.0000000	0.0000000	620.8902719
3817	0.8980000	1.8000000	1.0000000	90.0000000	90.0000000	0.0000000	586.0742265
3818	0.8980000	2.0000000	1.0000000	90.0000000	90.0000000	0.0000000	530.4679137
3819	0.8980000	2.2000000	1.0000000	90.0000000	90.0000000	0.0000000	490.7899249
3820	0.8980000	2.4000000	1.0000000	90.0000000	90.0000000	0.0000000	470.6362031
3821	0.8980000	2.6000000	1.0000000	90.0000000	90.0000000	0.0000000	463.8168067
3822	0.8980000	2.8000000	1.0000000	90.0000000	90.0000000	0.0000000	464.8887812
3823	0.8980000	3.0000000	1.0000000	90.0000000	90.0000000	0.0000000	469.7497205
3824	0.8980000	3.2000000	1.0000000	90.0000000	90.0000000	0.0000000	476.1100937
3825	0.8980000	3.4000000	1.0000000	90.0000000	90.0000000	0.0000000	485.1813707
3826	0.8980000	3.6000000	1.0000000	90.0000000	90.0000000	0.0000000	473.7904423
3827	0.8980000	3.8000000	1.0000000	90.0000000	90.0000000	0.0000000	453.2841229
3828	0.8980000	4.0000000	1.0000000	90.0000000	90.0000000	0.0000000	431.8828495
3829	0.8980000	4.4000000	1.0000000	90.0000000	90.0000000	0.0000000	397.1205190
3830	0.8980000	4.8000000	1.0000000	90.0000000	90.0000000	0.0000000	374.3599974
3831	0.8980000	5.2000000	1.0000000	90.0000000	90.0000000	0.0000000	360.6306548
3832	0.8980000	5.6000000	1.0000000	90.0000000	90.0000000	0.0000000	352.7524616
3833	0.8980000	6.0000000	1.0000000	90.0000000	90.0000000	0.0000000	348.4065820
3834	0.8980000	7.0000000	1.0000000	90.0000000	90.0000000	0.0000000	344.5638395
3835	0.8980000	8.0000000	1.0000000	90.0000000	90.0000000	0.0000000	343.9047663
3836	0.8980000	9.0000000	1.0000000	90.0000000	90.0000000	0.0000000	343.8201780
3837	0.8980000	10.0000000	1.0000000	90.0000000	90.0000000	0.0000000	343.8220605
3838	0.8980000	0.8000000	1.1000000	90.0000000	90.0000000	0.0000000	1241.5834870
3839	0.8980000	0.9000000	1.1000000	90.0000000	90.0000000	0.0000000	952.3961224
3840	0.8980000	1.0000000	1.1000000	90.0000000	90.0000000	0.0000000	800.1112448
3841	0.8980000	1.1000000	1.1000000	90.0000000	90.0000000	0.0000000	721.0598603

3842	0.8980000	1.2000000	1.1000000	90.0000000	90.0000000	0.0000000	678.4914373
3843	0.8980000	1.3000000	1.1000000	90.0000000	90.0000000	0.0000000	650.1031597
3844	0.8980000	1.4000000	1.1000000	90.0000000	90.0000000	0.0000000	623.2126845
3845	0.8980000	1.5000000	1.1000000	90.0000000	90.0000000	0.0000000	595.6818358
3846	0.8980000	1.6000000	1.1000000	90.0000000	90.0000000	0.0000000	571.0552265
3847	0.8980000	1.7000000	1.1000000	90.0000000	90.0000000	0.0000000	549.5181601
3848	0.8980000	1.8000000	1.1000000	90.0000000	90.0000000	0.0000000	530.8515103
3849	0.8980000	2.0000000	1.1000000	90.0000000	90.0000000	0.0000000	501.7175004
3850	0.8980000	2.2000000	1.1000000	90.0000000	90.0000000	0.0000000	483.1070754
3851	0.8980000	2.4000000	1.1000000	90.0000000	90.0000000	0.0000000	473.8784191
3852	0.8980000	2.6000000	1.1000000	90.0000000	90.0000000	0.0000000	471.8223843
3853	0.8980000	2.8000000	1.1000000	90.0000000	90.0000000	0.0000000	474.4835892
3854	0.8980000	3.0000000	1.1000000	90.0000000	90.0000000	0.0000000	479.1687632
3855	0.8980000	3.2000000	1.1000000	90.0000000	90.0000000	0.0000000	479.6066393
3856	0.8980000	3.4000000	1.1000000	90.0000000	90.0000000	0.0000000	471.2748823
3857	0.8980000	3.6000000	1.1000000	90.0000000	90.0000000	0.0000000	455.0234537
3858	0.8980000	3.8000000	1.1000000	90.0000000	90.0000000	0.0000000	435.7439780
3859	0.8980000	4.0000000	1.1000000	90.0000000	90.0000000	0.0000000	417.4972576
3860	0.8980000	4.4000000	1.1000000	90.0000000	90.0000000	0.0000000	388.5821858
3861	0.8980000	4.8000000	1.1000000	90.0000000	90.0000000	0.0000000	369.6517937
3862	0.8980000	5.2000000	1.1000000	90.0000000	90.0000000	0.0000000	358.1406972
3863	0.8980000	5.6000000	1.1000000	90.0000000	90.0000000	0.0000000	351.4759191
3864	0.8980000	6.0000000	1.1000000	90.0000000	90.0000000	0.0000000	347.7708521
3865	0.8980000	7.0000000	1.1000000	90.0000000	90.0000000	0.0000000	344.4655715
3866	0.8980000	8.0000000	1.1000000	90.0000000	90.0000000	0.0000000	343.8924671
3867	0.8980000	9.0000000	1.1000000	90.0000000	90.0000000	0.0000000	343.8197387
3868	0.8980000	10.0000000	1.1000000	90.0000000	90.0000000	0.0000000	343.8228135
3869	0.8980000	0.8000000	1.2000000	90.0000000	90.0000000	0.0000000	1103.4664554
3870	0.8980000	0.9000000	1.2000000	90.0000000	90.0000000	0.0000000	812.7808492
3871	0.8980000	1.0000000	1.2000000	90.0000000	90.0000000	0.0000000	660.5747241
3872	0.8980000	1.1000000	1.2000000	90.0000000	90.0000000	0.0000000	584.2465424
3873	0.8980000	1.2000000	1.2000000	90.0000000	90.0000000	0.0000000	548.5458969
3874	0.8980000	1.3000000	1.2000000	90.0000000	90.0000000	0.0000000	533.1037673
3875	0.8980000	1.4000000	1.2000000	90.0000000	90.0000000	0.0000000	526.0192480
3876	0.8980000	1.5000000	1.2000000	90.0000000	90.0000000	0.0000000	520.8999003
3877	0.8980000	1.6000000	1.2000000	90.0000000	90.0000000	0.0000000	514.9403801
3878	0.8980000	1.7000000	1.2000000	90.0000000	90.0000000	0.0000000	507.3864838
3879	0.8980000	1.8000000	1.2000000	90.0000000	90.0000000	0.0000000	499.4114658
3880	0.8980000	2.0000000	1.2000000	90.0000000	90.0000000	0.0000000	486.1869546
3881	0.8980000	2.2000000	1.2000000	90.0000000	90.0000000	0.0000000	478.1452953
3882	0.8980000	2.4000000	1.2000000	90.0000000	90.0000000	0.0000000	474.8559534
3883	0.8980000	2.6000000	1.2000000	90.0000000	90.0000000	0.0000000	474.8094549
3884	0.8980000	2.8000000	1.2000000	90.0000000	90.0000000	0.0000000	475.4930010
3885	0.8980000	3.0000000	1.2000000	90.0000000	90.0000000	0.0000000	473.5418858
3886	0.8980000	3.2000000	1.2000000	90.0000000	90.0000000	0.0000000	466.4096131
3887	0.8980000	3.4000000	1.2000000	90.0000000	90.0000000	0.0000000	453.3143061
3888	0.8980000	3.6000000	1.2000000	90.0000000	90.0000000	0.0000000	436.5967007
3889	0.8980000	3.8000000	1.2000000	90.0000000	90.0000000	0.0000000	419.7785056
3890	0.8980000	4.0000000	1.2000000	90.0000000	90.0000000	0.0000000	404.6056402
3891	0.8980000	4.4000000	1.2000000	90.0000000	90.0000000	0.0000000	380.9182871
3892	0.8980000	4.8000000	1.2000000	90.0000000	90.0000000	0.0000000	365.3851686
3893	0.8980000	5.2000000	1.2000000	90.0000000	90.0000000	0.0000000	355.8604533
3894	0.8980000	5.6000000	1.2000000	90.0000000	90.0000000	0.0000000	350.2960130
3895	0.8980000	6.0000000	1.2000000	90.0000000	90.0000000	0.0000000	347.1788597
3896	0.8980000	7.0000000	1.2000000	90.0000000	90.0000000	0.0000000	344.3727001
3897	0.8980000	8.0000000	1.2000000	90.0000000	90.0000000	0.0000000	343.8807955

3898	0.8980000	9.0000000	1.2000000	90.0000000	90.0000000	0.0000000	343.8193622
3899	0.8980000	10.0000000	1.2000000	90.0000000	90.0000000	0.0000000	343.8236293
3900	0.8980000	0.8000000	1.3000000	90.0000000	90.0000000	0.0000000	1030.6798745
3901	0.8980000	0.9000000	1.3000000	90.0000000	90.0000000	0.0000000	739.8352574
3902	0.8980000	1.0000000	1.3000000	90.0000000	90.0000000	0.0000000	587.2421471
3903	0.8980000	1.1000000	1.3000000	90.0000000	90.0000000	0.0000000	511.2679436
3904	0.8980000	1.2000000	1.3000000	90.0000000	90.0000000	0.0000000	477.3122764
3905	0.8980000	1.3000000	1.3000000	90.0000000	90.0000000	0.0000000	465.5086349
3906	0.8980000	1.4000000	1.3000000	90.0000000	90.0000000	0.0000000	464.3294191
3907	0.8980000	1.5000000	1.3000000	90.0000000	90.0000000	0.0000000	467.2286384
3908	0.8980000	1.6000000	1.3000000	90.0000000	90.0000000	0.0000000	470.7822246
3909	0.8980000	1.7000000	1.3000000	90.0000000	90.0000000	0.0000000	473.4941951
3910	0.8980000	1.8000000	1.3000000	90.0000000	90.0000000	0.0000000	474.8470427
3911	0.8980000	2.0000000	1.3000000	90.0000000	90.0000000	0.0000000	474.2241140
3912	0.8980000	2.2000000	1.3000000	90.0000000	90.0000000	0.0000000	472.6227726
3913	0.8980000	2.4000000	1.3000000	90.0000000	90.0000000	0.0000000	471.6664482
3914	0.8980000	2.6000000	1.3000000	90.0000000	90.0000000	0.0000000	470.4255482
3915	0.8980000	2.8000000	1.3000000	90.0000000	90.0000000	0.0000000	467.1439247
3916	0.8980000	3.0000000	1.3000000	90.0000000	90.0000000	0.0000000	460.3154921
3917	0.8980000	3.2000000	1.3000000	90.0000000	90.0000000	0.0000000	449.1034665
3918	0.8980000	3.4000000	1.3000000	90.0000000	90.0000000	0.0000000	434.7137958
3919	0.8980000	3.6000000	1.3000000	90.0000000	90.0000000	0.0000000	419.6845674
3920	0.8980000	3.8000000	1.3000000	90.0000000	90.0000000	0.0000000	405.6484355
3921	0.8980000	4.0000000	1.3000000	90.0000000	90.0000000	0.0000000	393.2992373
3922	0.8980000	4.4000000	1.3000000	90.0000000	90.0000000	0.0000000	374.1787098
3923	0.8980000	4.8000000	1.3000000	90.0000000	90.0000000	0.0000000	361.5967683
3924	0.8980000	5.2000000	1.3000000	90.0000000	90.0000000	0.0000000	353.8144587
3925	0.8980000	5.6000000	1.3000000	90.0000000	90.0000000	0.0000000	349.2276154
3926	0.8980000	6.0000000	1.3000000	90.0000000	90.0000000	0.0000000	346.6388250
3927	0.8980000	7.0000000	1.3000000	90.0000000	90.0000000	0.0000000	344.2867313
3928	0.8980000	8.0000000	1.3000000	90.0000000	90.0000000	0.0000000	343.8700022
3929	0.8980000	9.0000000	1.3000000	90.0000000	90.0000000	0.0000000	343.8191740
3930	0.8980000	10.0000000	1.3000000	90.0000000	90.0000000	0.0000000	343.8245078
3931	0.8980000	0.8000000	1.4000000	90.0000000	90.0000000	0.0000000	929.6565595
3932	0.8980000	0.9000000	1.4000000	90.0000000	90.0000000	0.0000000	705.5870330
3933	0.8980000	1.0000000	1.4000000	90.0000000	90.0000000	0.0000000	552.8992438
3934	0.8980000	1.1000000	1.4000000	90.0000000	90.0000000	0.0000000	476.2934521
3935	0.8980000	1.2000000	1.4000000	90.0000000	90.0000000	0.0000000	442.0427299
3936	0.8980000	1.3000000	1.4000000	90.0000000	90.0000000	0.0000000	430.7198863
3937	0.8980000	1.4000000	1.4000000	90.0000000	90.0000000	0.0000000	431.0188318
3938	0.8980000	1.5000000	1.4000000	90.0000000	90.0000000	0.0000000	436.4436512
3939	0.8980000	1.6000000	1.4000000	90.0000000	90.0000000	0.0000000	443.4104496
3940	0.8980000	1.7000000	1.4000000	90.0000000	90.0000000	0.0000000	450.0853934
3941	0.8980000	1.8000000	1.4000000	90.0000000	90.0000000	0.0000000	455.6408603
3942	0.8980000	2.0000000	1.4000000	90.0000000	90.0000000	0.0000000	462.4468280
3943	0.8980000	2.2000000	1.4000000	90.0000000	90.0000000	0.0000000	464.4805862
3944	0.8980000	2.4000000	1.4000000	90.0000000	90.0000000	0.0000000	463.5524370
3945	0.8980000	2.6000000	1.4000000	90.0000000	90.0000000	0.0000000	459.9512855
3946	0.8980000	2.8000000	1.4000000	90.0000000	90.0000000	0.0000000	453.2125868
3947	0.8980000	3.0000000	1.4000000	90.0000000	90.0000000	0.0000000	443.0879725
3948	0.8980000	3.2000000	1.4000000	90.0000000	90.0000000	0.0000000	430.5776925
3949	0.8980000	3.4000000	1.4000000	90.0000000	90.0000000	0.0000000	417.4006212
3950	0.8980000	3.6000000	1.4000000	90.0000000	90.0000000	0.0000000	404.8066943
3951	0.8980000	3.8000000	1.4000000	90.0000000	90.0000000	0.0000000	393.4467020
3952	0.8980000	4.0000000	1.4000000	90.0000000	90.0000000	0.0000000	383.5823785
3953	0.8980000	4.4000000	1.4000000	90.0000000	90.0000000	0.0000000	368.3623245

3954	0.8980000	4.8000000	1.4000000	90.0000000	90.0000000	0.0000000	358.2950645
3955	0.8980000	5.2000000	1.4000000	90.0000000	90.0000000	0.0000000	352.0128162
3956	0.8980000	5.6000000	1.4000000	90.0000000	90.0000000	0.0000000	348.2784446
3957	0.8980000	6.0000000	1.4000000	90.0000000	90.0000000	0.0000000	346.1553918
3958	0.8980000	7.0000000	1.4000000	90.0000000	90.0000000	0.0000000	344.2086064
3959	0.8980000	8.0000000	1.4000000	90.0000000	90.0000000	0.0000000	343.8601503
3960	0.8980000	9.0000000	1.4000000	90.0000000	90.0000000	0.0000000	343.8191112
3961	0.8980000	10.0000000	1.4000000	90.0000000	90.0000000	0.0000000	343.8254491
3962	0.8980000	0.8000000	1.5000000	90.0000000	90.0000000	0.0000000	791.9384358
3963	0.8980000	0.9000000	1.5000000	90.0000000	90.0000000	0.0000000	578.0240957
3964	0.8980000	1.0000000	1.5000000	90.0000000	90.0000000	0.0000000	490.2220916
3965	0.8980000	1.1000000	1.5000000	90.0000000	90.0000000	0.0000000	464.2088118
3966	0.8980000	1.2000000	1.5000000	90.0000000	90.0000000	0.0000000	426.5279975
3967	0.8980000	1.3000000	1.5000000	90.0000000	90.0000000	0.0000000	414.3474111
3968	0.8980000	1.4000000	1.5000000	90.0000000	90.0000000	0.0000000	414.0782095
3969	0.8980000	1.5000000	1.5000000	90.0000000	90.0000000	0.0000000	419.4335636
3970	0.8980000	1.6000000	1.5000000	90.0000000	90.0000000	0.0000000	426.8384264
3971	0.8980000	1.7000000	1.5000000	90.0000000	90.0000000	0.0000000	434.3515973
3972	0.8980000	1.8000000	1.5000000	90.0000000	90.0000000	0.0000000	440.9747088
3973	0.8980000	2.0000000	1.5000000	90.0000000	90.0000000	0.0000000	449.9340381
3974	0.8980000	2.2000000	1.5000000	90.0000000	90.0000000	0.0000000	452.8326926
3975	0.8980000	2.4000000	1.5000000	90.0000000	90.0000000	0.0000000	450.7494867
3976	0.8980000	2.6000000	1.5000000	90.0000000	90.0000000	0.0000000	444.6334656
3977	0.8980000	2.8000000	1.5000000	90.0000000	90.0000000	0.0000000	435.4878915
3978	0.8980000	3.0000000	1.5000000	90.0000000	90.0000000	0.0000000	424.6162898
3979	0.8980000	3.2000000	1.5000000	90.0000000	90.0000000	0.0000000	413.2465712
3980	0.8980000	3.4000000	1.5000000	90.0000000	90.0000000	0.0000000	402.2426905
3981	0.8980000	3.6000000	1.5000000	90.0000000	90.0000000	0.0000000	392.1196450
3982	0.8980000	3.8000000	1.5000000	90.0000000	90.0000000	0.0000000	383.1381018
3983	0.8980000	4.0000000	1.5000000	90.0000000	90.0000000	0.0000000	375.3872931
3984	0.8980000	4.4000000	1.5000000	90.0000000	90.0000000	0.0000000	363.4284058
3985	0.8980000	4.8000000	1.5000000	90.0000000	90.0000000	0.0000000	355.4661263
3986	0.8980000	5.2000000	1.5000000	90.0000000	90.0000000	0.0000000	350.4538316
3987	0.8980000	5.6000000	1.5000000	90.0000000	90.0000000	0.0000000	347.4500693
3988	0.8980000	6.0000000	1.5000000	90.0000000	90.0000000	0.0000000	345.7304424
3989	0.8980000	7.0000000	1.5000000	90.0000000	90.0000000	0.0000000	344.1388901
3990	0.8980000	8.0000000	1.5000000	90.0000000	90.0000000	0.0000000	343.8513652
3991	0.8980000	9.0000000	1.5000000	90.0000000	90.0000000	0.0000000	343.8191740
3992	0.8980000	10.0000000	1.5000000	90.0000000	90.0000000	0.0000000	343.8264531
3993	0.8980000	0.8000000	1.6000000	90.0000000	90.0000000	0.0000000	692.9124835
3994	0.8980000	0.9000000	1.6000000	90.0000000	90.0000000	0.0000000	477.8190531
3995	0.8980000	1.0000000	1.6000000	90.0000000	90.0000000	0.0000000	390.7106352
3996	0.8980000	1.1000000	1.6000000	90.0000000	90.0000000	0.0000000	369.2072660
3997	0.8980000	1.2000000	1.6000000	90.0000000	90.0000000	0.0000000	378.5715272
3998	0.8980000	1.3000000	1.6000000	90.0000000	90.0000000	0.0000000	396.7109436
3999	0.8980000	1.4000000	1.6000000	90.0000000	90.0000000	0.0000000	402.6959407
4000	0.8980000	1.5000000	1.6000000	90.0000000	90.0000000	0.0000000	407.2433763
4001	0.8980000	1.6000000	1.6000000	90.0000000	90.0000000	0.0000000	414.1408349
4002	0.8980000	1.7000000	1.6000000	90.0000000	90.0000000	0.0000000	421.2190791
4003	0.8980000	1.8000000	1.6000000	90.0000000	90.0000000	0.0000000	427.5510889
4004	0.8980000	2.0000000	1.6000000	90.0000000	90.0000000	0.0000000	436.0721656
4005	0.8980000	2.2000000	1.6000000	90.0000000	90.0000000	0.0000000	437.7895335
4006	0.8980000	2.4000000	1.6000000	90.0000000	90.0000000	0.0000000	433.7116004
4007	0.8980000	2.6000000	1.6000000	90.0000000	90.0000000	0.0000000	426.1972999
4008	0.8980000	2.8000000	1.6000000	90.0000000	90.0000000	0.0000000	417.1082645
4009	0.8980000	3.0000000	1.6000000	90.0000000	90.0000000	0.0000000	407.5624022

4010	0.8980000	3.2000000	1.6000000	90.0000000	90.0000000	0.0000000	398.2190998
4011	0.8980000	3.4000000	1.6000000	90.0000000	90.0000000	0.0000000	389.4765751
4012	0.8980000	3.6000000	1.6000000	90.0000000	90.0000000	0.0000000	381.5651866
4013	0.8980000	3.8000000	1.6000000	90.0000000	90.0000000	0.0000000	374.5960037
4014	0.8980000	4.0000000	1.6000000	90.0000000	90.0000000	0.0000000	368.5933107
4015	0.8980000	4.4000000	1.6000000	90.0000000	90.0000000	0.0000000	359.3084923
4016	0.8980000	4.8000000	1.6000000	90.0000000	90.0000000	0.0000000	353.0804608
4017	0.8980000	5.2000000	1.6000000	90.0000000	90.0000000	0.0000000	349.1266491
4018	0.8980000	5.6000000	1.6000000	90.0000000	90.0000000	0.0000000	346.7391638
4019	0.8980000	6.0000000	1.6000000	90.0000000	90.0000000	0.0000000	345.3630983
4020	0.8980000	7.0000000	1.6000000	90.0000000	90.0000000	0.0000000	344.0775824
4021	0.8980000	8.0000000	1.6000000	90.0000000	90.0000000	0.0000000	343.8437723
4022	0.8980000	9.0000000	1.6000000	90.0000000	90.0000000	0.0000000	343.8194250
4023	0.8980000	10.0000000	1.6000000	90.0000000	90.0000000	0.0000000	343.8273943
4024	0.8980000	0.8000000	1.7000000	90.0000000	90.0000000	0.0000000	622.0881247
4025	0.8980000	0.9000000	1.7000000	90.0000000	90.0000000	0.0000000	405.6899138
4026	0.8980000	1.0000000	1.7000000	90.0000000	90.0000000	0.0000000	318.4314584
4027	0.8980000	1.1000000	1.7000000	90.0000000	90.0000000	0.0000000	297.9191150
4028	0.8980000	1.2000000	1.7000000	90.0000000	90.0000000	0.0000000	309.7803618
4029	0.8980000	1.3000000	1.7000000	90.0000000	90.0000000	0.0000000	334.6547119
4030	0.8980000	1.4000000	1.7000000	90.0000000	90.0000000	0.0000000	361.1972331
4031	0.8980000	1.5000000	1.7000000	90.0000000	90.0000000	0.0000000	382.6128764
4032	0.8980000	1.6000000	1.7000000	90.0000000	90.0000000	0.0000000	396.7084335
4033	0.8980000	1.7000000	1.7000000	90.0000000	90.0000000	0.0000000	405.5737619
4034	0.8980000	1.8000000	1.7000000	90.0000000	90.0000000	0.0000000	411.9139293
4035	0.8980000	2.0000000	1.7000000	90.0000000	90.0000000	0.0000000	419.0673490
4036	0.8980000	2.2000000	1.7000000	90.0000000	90.0000000	0.0000000	419.3846179
4037	0.8980000	2.4000000	1.7000000	90.0000000	90.0000000	0.0000000	414.9493181
4038	0.8980000	2.6000000	1.7000000	90.0000000	90.0000000	0.0000000	408.2087996
4039	0.8980000	2.8000000	1.7000000	90.0000000	90.0000000	0.0000000	400.6530208
4040	0.8980000	3.0000000	1.7000000	90.0000000	90.0000000	0.0000000	393.0352440
4041	0.8980000	3.2000000	1.7000000	90.0000000	90.0000000	0.0000000	385.7496708
4042	0.8980000	3.4000000	1.7000000	90.0000000	90.0000000	0.0000000	379.0176864
4043	0.8980000	3.6000000	1.7000000	90.0000000	90.0000000	0.0000000	372.9622200
4044	0.8980000	3.8000000	1.7000000	90.0000000	90.0000000	0.0000000	367.6376766
4045	0.8980000	4.0000000	1.7000000	90.0000000	90.0000000	0.0000000	363.0476330
4046	0.8980000	4.4000000	1.7000000	90.0000000	90.0000000	0.0000000	355.9181213
4047	0.8980000	4.8000000	1.7000000	90.0000000	90.0000000	0.0000000	351.0983466
4048	0.8980000	5.2000000	1.7000000	90.0000000	90.0000000	0.0000000	348.0142003
4049	0.8980000	5.6000000	1.7000000	90.0000000	90.0000000	0.0000000	346.1385745
4050	0.8980000	6.0000000	1.7000000	90.0000000	90.0000000	0.0000000	345.0505985
4051	0.8980000	7.0000000	1.7000000	90.0000000	90.0000000	0.0000000	344.0246834
4052	0.8980000	8.0000000	1.7000000	90.0000000	90.0000000	0.0000000	343.8372462
4053	0.8980000	9.0000000	1.7000000	90.0000000	90.0000000	0.0000000	343.8198642
4054	0.8980000	10.0000000	1.7000000	90.0000000	90.0000000	0.0000000	343.8284611
4055	0.8980000	0.8000000	1.8000000	90.0000000	90.0000000	0.0000000	571.5918726
4056	0.8980000	0.9000000	1.8000000	90.0000000	90.0000000	0.0000000	353.9852667
4057	0.8980000	1.0000000	1.8000000	90.0000000	90.0000000	0.0000000	266.3155416
4058	0.8980000	1.1000000	1.8000000	90.0000000	90.0000000	0.0000000	246.1222867
4059	0.8980000	1.2000000	1.8000000	90.0000000	90.0000000	0.0000000	259.0395065
4060	0.8980000	1.3000000	1.8000000	90.0000000	90.0000000	0.0000000	285.8780239
4061	0.8980000	1.4000000	1.8000000	90.0000000	90.0000000	0.0000000	315.8486295
4062	0.8980000	1.5000000	1.8000000	90.0000000	90.0000000	0.0000000	342.9980151
4063	0.8980000	1.6000000	1.8000000	90.0000000	90.0000000	0.0000000	364.5348933
4064	0.8980000	1.7000000	1.8000000	90.0000000	90.0000000	0.0000000	379.9407528
4065	0.8980000	1.8000000	1.8000000	90.0000000	90.0000000	0.0000000	389.9792729

4066	0.8980000	2.0000000	1.8000000	90.0000000	90.0000000	0.0000000	399.6143672
4067	0.8980000	2.2000000	1.8000000	90.0000000	90.0000000	0.0000000	400.9894286
4068	0.8980000	2.4000000	1.8000000	90.0000000	90.0000000	0.0000000	397.8530107
4069	0.8980000	2.6000000	1.8000000	90.0000000	90.0000000	0.0000000	392.7336630
4070	0.8980000	2.8000000	1.8000000	90.0000000	90.0000000	0.0000000	386.9753850
4071	0.8980000	3.0000000	1.8000000	90.0000000	90.0000000	0.0000000	381.1985328
4072	0.8980000	3.2000000	1.8000000	90.0000000	90.0000000	0.0000000	375.6986633
4073	0.8980000	3.4000000	1.8000000	90.0000000	90.0000000	0.0000000	370.6286378
4074	0.8980000	3.6000000	1.8000000	90.0000000	90.0000000	0.0000000	366.0690284
4075	0.8980000	3.8000000	1.8000000	90.0000000	90.0000000	0.0000000	362.0539718
4076	0.8980000	4.0000000	1.8000000	90.0000000	90.0000000	0.0000000	358.5836562
4077	0.8980000	4.4000000	1.8000000	90.0000000	90.0000000	0.0000000	353.1657394
4078	0.8980000	4.8000000	1.8000000	90.0000000	90.0000000	0.0000000	349.4746659
4079	0.8980000	5.2000000	1.8000000	90.0000000	90.0000000	0.0000000	347.0954010
4080	0.8980000	5.6000000	1.8000000	90.0000000	90.0000000	0.0000000	345.6389515
4081	0.8980000	6.0000000	1.8000000	90.0000000	90.0000000	0.0000000	344.7888016
4082	0.8980000	7.0000000	1.8000000	90.0000000	90.0000000	0.0000000	343.9796281
4083	0.8980000	8.0000000	1.8000000	90.0000000	90.0000000	0.0000000	343.8318497
4084	0.8980000	9.0000000	1.8000000	90.0000000	90.0000000	0.0000000	343.8204290
4085	0.8980000	10.0000000	1.8000000	90.0000000	90.0000000	0.0000000	343.8294651
4086	0.8980000	0.8000000	1.9000000	90.0000000	90.0000000	0.0000000	535.6818899
4087	0.8980000	0.9000000	1.9000000	90.0000000	90.0000000	0.0000000	317.0294140
4088	0.8980000	1.0000000	1.9000000	90.0000000	90.0000000	0.0000000	228.8773851
4089	0.8980000	1.1000000	1.9000000	90.0000000	90.0000000	0.0000000	208.7077874
4090	0.8980000	1.2000000	1.9000000	90.0000000	90.0000000	0.0000000	222.1287717
4091	0.8980000	1.3000000	1.9000000	90.0000000	90.0000000	0.0000000	249.9735633
4092	0.8980000	1.4000000	1.9000000	90.0000000	90.0000000	0.0000000	281.5539189
4093	0.8980000	1.5000000	1.9000000	90.0000000	90.0000000	0.0000000	311.0813145
4094	0.8980000	1.6000000	1.9000000	90.0000000	90.0000000	0.0000000	335.7483354
4095	0.8980000	1.7000000	1.9000000	90.0000000	90.0000000	0.0000000	354.6905246
4096	0.8980000	1.8000000	1.9000000	90.0000000	90.0000000	0.0000000	368.0576059
4097	0.8980000	2.0000000	1.9000000	90.0000000	90.0000000	0.0000000	381.7383793
4098	0.8980000	2.2000000	1.9000000	90.0000000	90.0000000	0.0000000	385.1845358
4099	0.8980000	2.4000000	1.9000000	90.0000000	90.0000000	0.0000000	383.7146575
4100	0.8980000	2.6000000	1.9000000	90.0000000	90.0000000	0.0000000	380.2165432
4101	0.8980000	2.8000000	1.9000000	90.0000000	90.0000000	0.0000000	376.0577243
4102	0.8980000	3.0000000	1.9000000	90.0000000	90.0000000	0.0000000	371.8218470
4103	0.8980000	3.2000000	1.9000000	90.0000000	90.0000000	0.0000000	367.7655003
4104	0.8980000	3.4000000	1.9000000	90.0000000	90.0000000	0.0000000	364.0123661
4105	0.8980000	3.6000000	1.9000000	90.0000000	90.0000000	0.0000000	360.6255092
4106	0.8980000	3.8000000	1.9000000	90.0000000	90.0000000	0.0000000	357.6324145
4107	0.8980000	4.0000000	1.9000000	90.0000000	90.0000000	0.0000000	355.0359058
4108	0.8980000	4.4000000	1.9000000	90.0000000	90.0000000	0.0000000	350.9599180
4109	0.8980000	4.8000000	1.9000000	90.0000000	90.0000000	0.0000000	348.1626063
4110	0.8980000	5.2000000	1.9000000	90.0000000	90.0000000	0.0000000	346.3474096
4111	0.8980000	5.6000000	1.9000000	90.0000000	90.0000000	0.0000000	345.2293133
4112	0.8980000	6.0000000	1.9000000	90.0000000	90.0000000	0.0000000	344.5726246
4113	0.8980000	7.0000000	1.9000000	90.0000000	90.0000000	0.0000000	343.9419148
4114	0.8980000	8.0000000	1.9000000	90.0000000	90.0000000	0.0000000	343.8275198
4115	0.8980000	9.0000000	1.9000000	90.0000000	90.0000000	0.0000000	343.8211192
4116	0.8980000	10.0000000	1.9000000	90.0000000	90.0000000	0.0000000	343.8305319
4117	0.8980000	0.8000000	2.0000000	90.0000000	90.0000000	0.0000000	510.2118451
4118	0.8980000	0.9000000	2.0000000	90.0000000	90.0000000	0.0000000	290.6870056
4119	0.8980000	1.0000000	2.0000000	90.0000000	90.0000000	0.0000000	202.0641563
4120	0.8980000	1.1000000	2.0000000	90.0000000	90.0000000	0.0000000	181.7821088
4121	0.8980000	1.2000000	2.0000000	90.0000000	90.0000000	0.0000000	195.4246040

4122	0.8980000	1.3000000	2.0000000	90.0000000	90.0000000	0.0000000	223.8224198
4123	0.8980000	1.4000000	2.0000000	90.0000000	90.0000000	0.0000000	256.3143583
4124	0.8980000	1.5000000	2.0000000	90.0000000	90.0000000	0.0000000	287.1616573
4125	0.8980000	1.6000000	2.0000000	90.0000000	90.0000000	0.0000000	313.5582199
4126	0.8980000	1.7000000	2.0000000	90.0000000	90.0000000	0.0000000	334.5160323
4127	0.8980000	1.8000000	2.0000000	90.0000000	90.0000000	0.0000000	350.0212894
4128	0.8980000	2.0000000	2.0000000	90.0000000	90.0000000	0.0000000	367.0983950
4129	0.8980000	2.2000000	2.0000000	90.0000000	90.0000000	0.0000000	372.5425416
4130	0.8980000	2.4000000	2.0000000	90.0000000	90.0000000	0.0000000	372.5709678
4131	0.8980000	2.6000000	2.0000000	90.0000000	90.0000000	0.0000000	370.4317880
4132	0.8980000	2.8000000	2.0000000	90.0000000	90.0000000	0.0000000	367.5614341
4133	0.8980000	3.0000000	2.0000000	90.0000000	90.0000000	0.0000000	364.5390348
4134	0.8980000	3.2000000	2.0000000	90.0000000	90.0000000	0.0000000	361.6041102
4135	0.8980000	3.4000000	2.0000000	90.0000000	90.0000000	0.0000000	358.8662237
4136	0.8980000	3.6000000	2.0000000	90.0000000	90.0000000	0.0000000	356.3805331
4137	0.8980000	3.8000000	2.0000000	90.0000000	90.0000000	0.0000000	354.1730803
4138	0.8980000	4.0000000	2.0000000	90.0000000	90.0000000	0.0000000	352.2498265
4139	0.8980000	4.4000000	2.0000000	90.0000000	90.0000000	0.0000000	349.2139984
4140	0.8980000	4.8000000	2.0000000	90.0000000	90.0000000	0.0000000	347.1162970
4141	0.8980000	5.2000000	2.0000000	90.0000000	90.0000000	0.0000000	345.7466321
4142	0.8980000	5.6000000	2.0000000	90.0000000	90.0000000	0.0000000	344.8980510
4143	0.8980000	6.0000000	2.0000000	90.0000000	90.0000000	0.0000000	344.3964827
4144	0.8980000	7.0000000	2.0000000	90.0000000	90.0000000	0.0000000	343.9107904
4145	0.8980000	8.0000000	2.0000000	90.0000000	90.0000000	0.0000000	343.8241313
4146	0.8980000	9.0000000	2.0000000	90.0000000	90.0000000	0.0000000	343.8219978
4147	0.8980000	10.0000000	2.0000000	90.0000000	90.0000000	0.0000000	343.8315986
4148	0.8980000	0.8000000	2.2000000	90.0000000	90.0000000	0.0000000	479.5004020
4149	0.8980000	0.9000000	2.2000000	90.0000000	90.0000000	0.0000000	258.6936860
4150	0.8980000	1.0000000	2.2000000	90.0000000	90.0000000	0.0000000	169.2817436
4151	0.8980000	1.1000000	2.2000000	90.0000000	90.0000000	0.0000000	148.6502361
4152	0.8980000	1.2000000	2.2000000	90.0000000	90.0000000	0.0000000	162.3515917
4153	0.8980000	1.3000000	2.2000000	90.0000000	90.0000000	0.0000000	191.2053558
4154	0.8980000	1.4000000	2.2000000	90.0000000	90.0000000	0.0000000	224.5616259
4155	0.8980000	1.5000000	2.2000000	90.0000000	90.0000000	0.0000000	256.7087480
4156	0.8980000	1.6000000	2.2000000	90.0000000	90.0000000	0.0000000	284.8390566
4157	0.8980000	1.7000000	2.2000000	90.0000000	90.0000000	0.0000000	307.8714780
4158	0.8980000	1.8000000	2.2000000	90.0000000	90.0000000	0.0000000	325.6815146
4159	0.8980000	2.0000000	2.2000000	90.0000000	90.0000000	0.0000000	347.0905064
4160	0.8980000	2.2000000	2.2000000	90.0000000	90.0000000	0.0000000	355.4312368
4161	0.8980000	2.4000000	2.2000000	90.0000000	90.0000000	0.0000000	357.5844100
4162	0.8980000	2.6000000	2.2000000	90.0000000	90.0000000	0.0000000	357.3036623
4163	0.8980000	2.8000000	2.2000000	90.0000000	90.0000000	0.0000000	356.1609048
4164	0.8980000	3.0000000	2.2000000	90.0000000	90.0000000	0.0000000	354.7499498
4165	0.8980000	3.2000000	2.2000000	90.0000000	90.0000000	0.0000000	353.2982694
4166	0.8980000	3.4000000	2.2000000	90.0000000	90.0000000	0.0000000	351.9025628
4167	0.8980000	3.6000000	2.2000000	90.0000000	90.0000000	0.0000000	350.6110227
4168	0.8980000	3.8000000	2.2000000	90.0000000	90.0000000	0.0000000	349.4486243
4169	0.8980000	4.0000000	2.2000000	90.0000000	90.0000000	0.0000000	348.4260348
4170	0.8980000	4.4000000	2.2000000	90.0000000	90.0000000	0.0000000	346.7941337
4171	0.8980000	4.8000000	2.2000000	90.0000000	90.0000000	0.0000000	345.6522547
4172	0.8980000	5.2000000	2.2000000	90.0000000	90.0000000	0.0000000	344.8980510
4173	0.8980000	5.6000000	2.2000000	90.0000000	90.0000000	0.0000000	344.4253482
4174	0.8980000	6.0000000	2.2000000	90.0000000	90.0000000	0.0000000	344.1424042
4175	0.8980000	7.0000000	2.2000000	90.0000000	90.0000000	0.0000000	343.8654214
4176	0.8980000	8.0000000	2.2000000	90.0000000	90.0000000	0.0000000	343.8199897
4177	0.8980000	9.0000000	2.2000000	90.0000000	90.0000000	0.0000000	343.8240685

4178	0.8980000	10.0000000	2.2000000	90.0000000	90.0000000	0.0000000	343.8337322
4179	0.8980000	0.8000000	2.4000000	90.0000000	90.0000000	0.0000000	464.3043815
4180	0.8980000	0.9000000	2.4000000	90.0000000	90.0000000	0.0000000	242.6909394
4181	0.8980000	1.0000000	2.4000000	90.0000000	90.0000000	0.0000000	152.7255337
4182	0.8980000	1.1000000	2.4000000	90.0000000	90.0000000	0.0000000	131.7674074
4183	0.8980000	1.2000000	2.4000000	90.0000000	90.0000000	0.0000000	145.3546819
4184	0.8980000	1.3000000	2.4000000	90.0000000	90.0000000	0.0000000	174.3015057
4185	0.8980000	1.4000000	2.4000000	90.0000000	90.0000000	0.0000000	207.9596706
4186	0.8980000	1.5000000	2.4000000	90.0000000	90.0000000	0.0000000	240.6249273
4187	0.8980000	1.6000000	2.4000000	90.0000000	90.0000000	0.0000000	269.4874765
4188	0.8980000	1.7000000	2.4000000	90.0000000	90.0000000	0.0000000	293.4321712
4189	0.8980000	1.8000000	2.4000000	90.0000000	90.0000000	0.0000000	312.2927215
4190	0.8980000	2.0000000	2.4000000	90.0000000	90.0000000	0.0000000	335.9199592
4191	0.8980000	2.2000000	2.4000000	90.0000000	90.0000000	0.0000000	345.9092198
4192	0.8980000	2.4000000	2.4000000	90.0000000	90.0000000	0.0000000	349.2565436
4193	0.8980000	2.6000000	2.4000000	90.0000000	90.0000000	0.0000000	349.9947457
4194	0.8980000	2.8000000	2.4000000	90.0000000	90.0000000	0.0000000	349.7901776
4195	0.8980000	3.0000000	2.4000000	90.0000000	90.0000000	0.0000000	349.2542218
4196	0.8980000	3.2000000	2.4000000	90.0000000	90.0000000	0.0000000	348.6110873
4197	0.8980000	3.4000000	2.4000000	90.0000000	90.0000000	0.0000000	347.9512611
4198	0.8980000	3.6000000	2.4000000	90.0000000	90.0000000	0.0000000	347.3187316
4199	0.8980000	3.8000000	2.4000000	90.0000000	90.0000000	0.0000000	346.7373440
4200	0.8980000	4.0000000	2.4000000	90.0000000	90.0000000	0.0000000	346.2189584
4201	0.8980000	4.4000000	2.4000000	90.0000000	90.0000000	0.0000000	345.3811706
4202	0.8980000	4.8000000	2.4000000	90.0000000	90.0000000	0.0000000	344.7871073
4203	0.8980000	5.2000000	2.4000000	90.0000000	90.0000000	0.0000000	344.3900193
4204	0.8980000	5.6000000	2.4000000	90.0000000	90.0000000	0.0000000	344.1381371
4205	0.8980000	6.0000000	2.4000000	90.0000000	90.0000000	0.0000000	343.9858405
4206	0.8980000	7.0000000	2.4000000	90.0000000	90.0000000	0.0000000	343.8376227
4207	0.8980000	8.0000000	2.4000000	90.0000000	90.0000000	0.0000000	343.8186092
4208	0.8980000	9.0000000	2.4000000	90.0000000	90.0000000	0.0000000	343.8264531
4209	0.8980000	10.0000000	2.4000000	90.0000000	90.0000000	0.0000000	343.8358657
4210	0.8980000	0.8000000	2.6000000	90.0000000	90.0000000	0.0000000	456.8387758
4211	0.8980000	0.9000000	2.6000000	90.0000000	90.0000000	0.0000000	234.7432182
4212	0.8980000	1.0000000	2.6000000	90.0000000	90.0000000	0.0000000	144.4262188
4213	0.8980000	1.1000000	2.6000000	90.0000000	90.0000000	0.0000000	123.2332159
4214	0.8980000	1.2000000	2.6000000	90.0000000	90.0000000	0.0000000	136.6966199
4215	0.8980000	1.3000000	2.6000000	90.0000000	90.0000000	0.0000000	165.6285089
4216	0.8980000	1.4000000	2.6000000	90.0000000	90.0000000	0.0000000	199.3823063
4217	0.8980000	1.5000000	2.6000000	90.0000000	90.0000000	0.0000000	232.2571511
4218	0.8980000	1.6000000	2.6000000	90.0000000	90.0000000	0.0000000	261.4426795
4219	0.8980000	1.7000000	2.6000000	90.0000000	90.0000000	0.0000000	285.8086214
4220	0.8980000	1.8000000	2.6000000	90.0000000	90.0000000	0.0000000	305.1700497
4221	0.8980000	2.0000000	2.6000000	90.0000000	90.0000000	0.0000000	329.9303185
4222	0.8980000	2.2000000	2.6000000	90.0000000	90.0000000	0.0000000	340.8159763
4223	0.8980000	2.4000000	2.6000000	90.0000000	90.0000000	0.0000000	344.8043012
4224	0.8980000	2.6000000	2.6000000	90.0000000	90.0000000	0.0000000	346.0783963
4225	0.8980000	2.8000000	2.6000000	90.0000000	90.0000000	0.0000000	346.3644151
4226	0.8980000	3.0000000	2.6000000	90.0000000	90.0000000	0.0000000	346.2869805
4227	0.8980000	3.2000000	2.6000000	90.0000000	90.0000000	0.0000000	346.0696112
4228	0.8980000	3.4000000	2.6000000	90.0000000	90.0000000	0.0000000	345.7994684
4229	0.8980000	3.6000000	2.6000000	90.0000000	90.0000000	0.0000000	345.5178421
4230	0.8980000	3.8000000	2.6000000	90.0000000	90.0000000	0.0000000	345.2473856
4231	0.8980000	4.0000000	2.6000000	90.0000000	90.0000000	0.0000000	345.0002723
4232	0.8980000	4.4000000	2.6000000	90.0000000	90.0000000	0.0000000	344.5928304
4233	0.8980000	4.8000000	2.6000000	90.0000000	90.0000000	0.0000000	344.2985912

4234	0.8980000	5.2000000	2.6000000	90.0000000	90.0000000	0.0000000	344.0991687
4235	0.8980000	5.6000000	2.6000000	90.0000000	90.0000000	0.0000000	343.9715333
4236	0.8980000	6.0000000	2.6000000	90.0000000	90.0000000	0.0000000	343.8942241
4237	0.8980000	7.0000000	2.6000000	90.0000000	90.0000000	0.0000000	343.8224370
4238	0.8980000	8.0000000	2.6000000	90.0000000	90.0000000	0.0000000	343.8192995
4239	0.8980000	9.0000000	2.6000000	90.0000000	90.0000000	0.0000000	343.8290259
4240	0.8980000	10.0000000	2.6000000	90.0000000	90.0000000	0.0000000	343.8379992
4241	0.8980000	0.8000000	2.8000000	90.0000000	90.0000000	0.0000000	453.1962716
4242	0.8980000	0.9000000	2.8000000	90.0000000	90.0000000	0.0000000	230.8310731
4243	0.8980000	1.0000000	2.8000000	90.0000000	90.0000000	0.0000000	140.3101332
4244	0.8980000	1.1000000	2.8000000	90.0000000	90.0000000	0.0000000	118.9717363
4245	0.8980000	1.2000000	2.8000000	90.0000000	90.0000000	0.0000000	132.3457830
4246	0.8980000	1.3000000	2.8000000	90.0000000	90.0000000	0.0000000	161.2441630
4247	0.8980000	1.4000000	2.8000000	90.0000000	90.0000000	0.0000000	195.0218057
4248	0.8980000	1.5000000	2.8000000	90.0000000	90.0000000	0.0000000	227.9803603
4249	0.8980000	1.6000000	2.8000000	90.0000000	90.0000000	0.0000000	257.3097767
4250	0.8980000	1.7000000	2.8000000	90.0000000	90.0000000	0.0000000	281.8730075
4251	0.8980000	1.8000000	2.8000000	90.0000000	90.0000000	0.0000000	301.4764662
4252	0.8980000	2.0000000	2.8000000	90.0000000	90.0000000	0.0000000	326.8164283
4253	0.8980000	2.2000000	2.8000000	90.0000000	90.0000000	0.0000000	338.1815034
4254	0.8980000	2.4000000	2.8000000	90.0000000	90.0000000	0.0000000	342.5070517
4255	0.8980000	2.6000000	2.8000000	90.0000000	90.0000000	0.0000000	344.0563098
4256	0.8980000	2.8000000	2.8000000	90.0000000	90.0000000	0.0000000	344.5917009
4257	0.8980000	3.0000000	2.8000000	90.0000000	90.0000000	0.0000000	344.7470722
4258	0.8980000	3.2000000	2.8000000	90.0000000	90.0000000	0.0000000	344.7462565
4259	0.8980000	3.4000000	2.8000000	90.0000000	90.0000000	0.0000000	344.6749714
4260	0.8980000	3.6000000	2.8000000	90.0000000	90.0000000	0.0000000	344.5730011
4261	0.8980000	3.8000000	2.8000000	90.0000000	90.0000000	0.0000000	344.4623084
4262	0.8980000	4.0000000	2.8000000	90.0000000	90.0000000	0.0000000	344.3551298
4263	0.8980000	4.4000000	2.8000000	90.0000000	90.0000000	0.0000000	344.1710186
4264	0.8980000	4.8000000	2.8000000	90.0000000	90.0000000	0.0000000	344.0340333
4265	0.8980000	5.2000000	2.8000000	90.0000000	90.0000000	0.0000000	343.9397813
4266	0.8980000	5.6000000	2.8000000	90.0000000	90.0000000	0.0000000	343.8796032
4267	0.8980000	6.0000000	2.8000000	90.0000000	90.0000000	0.0000000	343.8438978
4268	0.8980000	7.0000000	2.8000000	90.0000000	90.0000000	0.0000000	343.8155972
4269	0.8980000	8.0000000	2.8000000	90.0000000	90.0000000	0.0000000	343.8213703
4270	0.8980000	9.0000000	2.8000000	90.0000000	90.0000000	0.0000000	343.8316614
4271	0.8980000	10.0000000	2.8000000	90.0000000	90.0000000	0.0000000	343.8400700
4272	0.8980000	0.8000000	3.0000000	90.0000000	90.0000000	0.0000000	451.4392451
4273	0.8980000	0.9000000	3.0000000	90.0000000	90.0000000	0.0000000	228.9342374
4274	0.8980000	1.0000000	3.0000000	90.0000000	90.0000000	0.0000000	138.3047384
4275	0.8980000	1.1000000	3.0000000	90.0000000	90.0000000	0.0000000	116.8853928
4276	0.8980000	1.2000000	3.0000000	90.0000000	90.0000000	0.0000000	130.2052227
4277	0.8980000	1.3000000	3.0000000	90.0000000	90.0000000	0.0000000	159.0766198
4278	0.8980000	1.4000000	3.0000000	90.0000000	90.0000000	0.0000000	192.8558313
4279	0.8980000	1.5000000	3.0000000	90.0000000	90.0000000	0.0000000	225.8463261
4280	0.8980000	1.6000000	3.0000000	90.0000000	90.0000000	0.0000000	255.2388071
4281	0.8980000	1.7000000	3.0000000	90.0000000	90.0000000	0.0000000	279.8932151
4282	0.8980000	1.8000000	3.0000000	90.0000000	90.0000000	0.0000000	299.6126375
4283	0.8980000	2.0000000	3.0000000	90.0000000	90.0000000	0.0000000	325.2469016
4284	0.8980000	2.2000000	3.0000000	90.0000000	90.0000000	0.0000000	336.8643610
4285	0.8980000	2.4000000	3.0000000	90.0000000	90.0000000	0.0000000	341.3638550
4286	0.8980000	2.6000000	3.0000000	90.0000000	90.0000000	0.0000000	343.0507886
4287	0.8980000	2.8000000	3.0000000	90.0000000	90.0000000	0.0000000	343.7090460
4288	0.8980000	3.0000000	3.0000000	90.0000000	90.0000000	0.0000000	343.9784359
4289	0.8980000	3.2000000	3.0000000	90.0000000	90.0000000	0.0000000	344.0837320

4290	0.8980000	3.4000000	3.0000000	90.0000000	90.0000000	0.0000000	344.1098991
4291	0.8980000	3.6000000	3.0000000	90.0000000	90.0000000	0.0000000	344.0962821
4292	0.8980000	3.8000000	3.0000000	90.0000000	90.0000000	0.0000000	344.0644674
4293	0.8980000	4.0000000	3.0000000	90.0000000	90.0000000	0.0000000	344.0266914
4294	0.8980000	4.4000000	3.0000000	90.0000000	90.0000000	0.0000000	343.9542140
4295	0.8980000	4.8000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8968597
4296	0.8980000	5.2000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8569500
4297	0.8980000	5.6000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8322889
4298	0.8980000	6.0000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8189857
4299	0.8980000	7.0000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8141539
4300	0.8980000	8.0000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8241940
4301	0.8980000	9.0000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8343597
4302	0.8980000	10.0000000	3.0000000	90.0000000	90.0000000	0.0000000	343.8421408
4303	0.8980000	0.8000000	3.5000000	90.0000000	90.0000000	0.0000000	450.0904135
4304	0.8980000	0.9000000	3.5000000	90.0000000	90.0000000	0.0000000	227.4829963
4305	0.8980000	1.0000000	3.5000000	90.0000000	90.0000000	0.0000000	136.7711680
4306	0.8980000	1.1000000	3.5000000	90.0000000	90.0000000	0.0000000	115.2875027
4307	0.8980000	1.2000000	3.5000000	90.0000000	90.0000000	0.0000000	128.5609595
4308	0.8980000	1.3000000	3.5000000	90.0000000	90.0000000	0.0000000	157.4050600
4309	0.8980000	1.4000000	3.5000000	90.0000000	90.0000000	0.0000000	191.1778082
4310	0.8980000	1.5000000	3.5000000	90.0000000	90.0000000	0.0000000	224.1849320
4311	0.8980000	1.6000000	3.5000000	90.0000000	90.0000000	0.0000000	253.6185149
4312	0.8980000	1.7000000	3.5000000	90.0000000	90.0000000	0.0000000	278.3368033
4313	0.8980000	1.8000000	3.5000000	90.0000000	90.0000000	0.0000000	298.1418808
4314	0.8980000	2.0000000	3.5000000	90.0000000	90.0000000	0.0000000	324.0154143
4315	0.8980000	2.2000000	3.5000000	90.0000000	90.0000000	0.0000000	335.8487997
4316	0.8980000	2.4000000	3.5000000	90.0000000	90.0000000	0.0000000	340.4924953
4317	0.8980000	2.6000000	3.5000000	90.0000000	90.0000000	0.0000000	342.2876744
4318	0.8980000	2.8000000	3.5000000	90.0000000	90.0000000	0.0000000	343.0392424
4319	0.8980000	3.0000000	3.5000000	90.0000000	90.0000000	0.0000000	343.3941618
4320	0.8980000	3.2000000	3.5000000	90.0000000	90.0000000	0.0000000	343.5788378
4321	0.8980000	3.4000000	3.5000000	90.0000000	90.0000000	0.0000000	343.6782354
4322	0.8980000	3.6000000	3.5000000	90.0000000	90.0000000	0.0000000	343.7312599
4323	0.8980000	3.8000000	3.5000000	90.0000000	90.0000000	0.0000000	343.7593724
4324	0.8980000	4.0000000	3.5000000	90.0000000	90.0000000	0.0000000	343.7746836
4325	0.8980000	4.4000000	3.5000000	90.0000000	90.0000000	0.0000000	343.7889908
4326	0.8980000	4.8000000	3.5000000	90.0000000	90.0000000	0.0000000	343.7948894
4327	0.8980000	5.2000000	3.5000000	90.0000000	90.0000000	0.0000000	343.7989682
4328	0.8980000	5.6000000	3.5000000	90.0000000	90.0000000	0.0000000	343.8034862
4329	0.8980000	6.0000000	3.5000000	90.0000000	90.0000000	0.0000000	343.8084436
4330	0.8980000	7.0000000	3.5000000	90.0000000	90.0000000	0.0000000	343.8211192
4331	0.8980000	8.0000000	3.5000000	90.0000000	90.0000000	0.0000000	343.8322889
4332	0.8980000	9.0000000	3.5000000	90.0000000	90.0000000	0.0000000	343.8406975
4333	0.8980000	10.0000000	3.5000000	90.0000000	90.0000000	0.0000000	343.8469099
4334	0.8980000	0.8000000	4.0000000	90.0000000	90.0000000	0.0000000	449.8783780
4335	0.8980000	0.9000000	4.0000000	90.0000000	90.0000000	0.0000000	227.2644348
4336	0.8980000	1.0000000	4.0000000	90.0000000	90.0000000	0.0000000	136.5481511
4337	0.8980000	1.1000000	4.0000000	90.0000000	90.0000000	0.0000000	115.0617875
4338	0.8980000	1.2000000	4.0000000	90.0000000	90.0000000	0.0000000	128.3343031
4339	0.8980000	1.3000000	4.0000000	90.0000000	90.0000000	0.0000000	157.1792194
4340	0.8980000	1.4000000	4.0000000	90.0000000	90.0000000	0.0000000	190.9545403
4341	0.8980000	1.5000000	4.0000000	90.0000000	90.0000000	0.0000000	223.9659940
4342	0.8980000	1.6000000	4.0000000	90.0000000	90.0000000	0.0000000	253.4059774
4343	0.8980000	1.7000000	4.0000000	90.0000000	90.0000000	0.0000000	278.1324863
4344	0.8980000	1.8000000	4.0000000	90.0000000	90.0000000	0.0000000	297.9482942
4345	0.8980000	2.0000000	4.0000000	90.0000000	90.0000000	0.0000000	323.8570936

4346	0.8980000	2.2000000	4.0000000	90.0000000	90.0000000	0.0000000	335.7263098
4347	0.8980000	2.4000000	4.0000000	90.0000000	90.0000000	0.0000000	340.3935370
4348	0.8980000	2.6000000	4.0000000	90.0000000	90.0000000	0.0000000	342.2046549
4349	0.8980000	2.8000000	4.0000000	90.0000000	90.0000000	0.0000000	342.9688359
4350	0.8980000	3.0000000	4.0000000	90.0000000	90.0000000	0.0000000	343.3348621
4351	0.8980000	3.2000000	4.0000000	90.0000000	90.0000000	0.0000000	343.5297039
4352	0.8980000	3.4000000	4.0000000	90.0000000	90.0000000	0.0000000	343.6385140
4353	0.8980000	3.6000000	4.0000000	90.0000000	90.0000000	0.0000000	343.7001354
4354	0.8980000	3.8000000	4.0000000	90.0000000	90.0000000	0.0000000	343.7359662
4355	0.8980000	4.0000000	4.0000000	90.0000000	90.0000000	0.0000000	343.7581173
4356	0.8980000	4.4000000	4.0000000	90.0000000	90.0000000	0.0000000	343.7834060
4357	0.8980000	4.8000000	4.0000000	90.0000000	90.0000000	0.0000000	343.7971484
4358	0.8980000	5.2000000	4.0000000	90.0000000	90.0000000	0.0000000	343.8062473
4359	0.8980000	5.6000000	4.0000000	90.0000000	90.0000000	0.0000000	343.8135891
4360	0.8980000	6.0000000	4.0000000	90.0000000	90.0000000	0.0000000	343.8196760
4361	0.8980000	7.0000000	4.0000000	90.0000000	90.0000000	0.0000000	343.8312849
4362	0.8980000	8.0000000	4.0000000	90.0000000	90.0000000	0.0000000	343.8399445
4363	0.8980000	9.0000000	4.0000000	90.0000000	90.0000000	0.0000000	343.8464079
4364	0.8980000	10.0000000	4.0000000	90.0000000	90.0000000	0.0000000	343.8509887
4365	0.8980000	0.8000000	10.0000000	90.0000000	90.0000000	0.0000000	449.8598037
4366	0.8980000	0.9000000	10.0000000	90.0000000	90.0000000	0.0000000	227.2462998
4367	0.8980000	1.0000000	10.0000000	90.0000000	90.0000000	0.0000000	136.5383620
4368	0.8980000	1.1000000	10.0000000	90.0000000	90.0000000	0.0000000	115.0651133
4369	0.8980000	1.2000000	10.0000000	90.0000000	90.0000000	0.0000000	128.3534422
4370	0.8980000	1.3000000	10.0000000	90.0000000	90.0000000	0.0000000	157.2149247
4371	0.8980000	1.4000000	10.0000000	90.0000000	90.0000000	0.0000000	191.0055569
4372	0.8980000	1.5000000	10.0000000	90.0000000	90.0000000	0.0000000	224.0293724
4373	0.8980000	1.6000000	10.0000000	90.0000000	90.0000000	0.0000000	253.4772626
4374	0.8980000	1.7000000	10.0000000	90.0000000	90.0000000	0.0000000	278.2070343
4375	0.8980000	1.8000000	10.0000000	90.0000000	90.0000000	0.0000000	298.0222775
4376	0.8980000	2.0000000	10.0000000	90.0000000	90.0000000	0.0000000	323.9267472
4377	0.8980000	2.2000000	10.0000000	90.0000000	90.0000000	0.0000000	335.7955868
4378	0.8980000	2.4000000	10.0000000	90.0000000	90.0000000	0.0000000	340.4640691
4379	0.8980000	2.6000000	10.0000000	90.0000000	90.0000000	0.0000000	342.2753124
4380	0.8980000	2.8000000	10.0000000	90.0000000	90.0000000	0.0000000	343.0386777
4381	0.8980000	3.0000000	10.0000000	90.0000000	90.0000000	0.0000000	343.4035117
4382	0.8980000	3.2000000	10.0000000	90.0000000	90.0000000	0.0000000	343.5970356
4383	0.8980000	3.4000000	10.0000000	90.0000000	90.0000000	0.0000000	343.7045907
4384	0.8980000	3.6000000	10.0000000	90.0000000	90.0000000	0.0000000	343.7646434
4385	0.8980000	3.8000000	10.0000000	90.0000000	90.0000000	0.0000000	343.7985917
4386	0.8980000	4.0000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8186720
4387	0.8980000	4.4000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8396308
4388	0.8980000	4.8000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8488551
4389	0.8980000	5.2000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8534360
4390	0.8980000	5.6000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8562598
4391	0.8980000	6.0000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8580168
4392	0.8980000	7.0000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8596483
4393	0.8980000	8.0000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8600876
4394	0.8980000	9.0000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8602131
4395	0.8980000	10.0000000	10.0000000	90.0000000	90.0000000	0.0000000	343.8603386
4396	1.2980000	0.8000000	1.0000000	90.0000000	90.0000000	0.0000000	1107.0681088
4397	1.2980000	0.9000000	1.0000000	90.0000000	90.0000000	0.0000000	800.9424438
4398	1.2980000	1.0000000	1.0000000	90.0000000	90.0000000	0.0000000	623.8598977
4399	1.2980000	1.1000000	1.0000000	90.0000000	90.0000000	0.0000000	524.1081680
4400	1.2980000	1.2000000	1.0000000	90.0000000	90.0000000	0.0000000	468.2714964
4401	1.2980000	1.3000000	1.0000000	90.0000000	90.0000000	0.0000000	435.8054113

4402	1.2980000	1.4000000	1.0000000	90.0000000	90.0000000	0.0000000	414.3523056
4403	1.2980000	1.5000000	1.0000000	90.0000000	90.0000000	0.0000000	396.7457703
4404	1.2980000	1.6000000	1.0000000	90.0000000	90.0000000	0.0000000	379.0426613
4405	1.2980000	1.7000000	1.0000000	90.0000000	90.0000000	0.0000000	358.6703779
4406	1.2980000	1.8000000	1.0000000	90.0000000	90.0000000	0.0000000	332.1085922
4407	1.2980000	2.0000000	1.0000000	90.0000000	90.0000000	0.0000000	267.2118761
4408	1.2980000	2.2000000	1.0000000	90.0000000	90.0000000	0.0000000	221.8300145
4409	1.2980000	2.4000000	1.0000000	90.0000000	90.0000000	0.0000000	197.5296473
4410	1.2980000	2.6000000	1.0000000	90.0000000	90.0000000	0.0000000	191.3720852
4411	1.2980000	2.8000000	1.0000000	90.0000000	90.0000000	0.0000000	199.6334984
4412	1.2980000	3.0000000	1.0000000	90.0000000	90.0000000	0.0000000	217.9596615
4413	1.2980000	3.2000000	1.0000000	90.0000000	90.0000000	0.0000000	241.7701320
4414	1.2980000	3.4000000	1.0000000	90.0000000	90.0000000	0.0000000	267.0220545
4415	1.2980000	3.6000000	1.0000000	90.0000000	90.0000000	0.0000000	290.7250954
4416	1.2980000	3.8000000	1.0000000	90.0000000	90.0000000	0.0000000	310.6941411
4417	1.2980000	4.0000000	1.0000000	90.0000000	90.0000000	0.0000000	325.2423835
4418	1.2980000	4.4000000	1.0000000	90.0000000	90.0000000	0.0000000	333.9025790
4419	1.2980000	4.8000000	1.0000000	90.0000000	90.0000000	0.0000000	315.3645059
4420	1.2980000	5.2000000	1.0000000	90.0000000	90.0000000	0.0000000	296.9142841
4421	1.2980000	5.6000000	1.0000000	90.0000000	90.0000000	0.0000000	285.0058485
4422	1.2980000	6.0000000	1.0000000	90.0000000	90.0000000	0.0000000	278.0636484
4423	1.2980000	7.0000000	1.0000000	90.0000000	90.0000000	0.0000000	271.6245855
4424	1.2980000	8.0000000	1.0000000	90.0000000	90.0000000	0.0000000	270.4850283
4425	1.2980000	9.0000000	1.0000000	90.0000000	90.0000000	0.0000000	270.3355555
4426	1.2980000	10.0000000	1.0000000	90.0000000	90.0000000	0.0000000	270.3382538
4427	1.2980000	0.8000000	1.1000000	90.0000000	90.0000000	0.0000000	921.5967651
4428	1.2980000	0.9000000	1.1000000	90.0000000	90.0000000	0.0000000	646.6246236
4429	1.2980000	1.0000000	1.1000000	90.0000000	90.0000000	0.0000000	487.9822593
4430	1.2980000	1.1000000	1.1000000	90.0000000	90.0000000	0.0000000	388.3301780
4431	1.2980000	1.2000000	1.1000000	90.0000000	90.0000000	0.0000000	329.3210069
4432	1.2980000	1.3000000	1.1000000	90.0000000	90.0000000	0.0000000	295.3724305
4433	1.2980000	1.4000000	1.1000000	90.0000000	90.0000000	0.0000000	275.5729379
4434	1.2980000	1.5000000	1.1000000	90.0000000	90.0000000	0.0000000	263.1909209
4435	1.2980000	1.6000000	1.1000000	90.0000000	90.0000000	0.0000000	254.3144229
4436	1.2980000	1.7000000	1.1000000	90.0000000	90.0000000	0.0000000	246.7621581
4437	1.2980000	1.8000000	1.1000000	90.0000000	90.0000000	0.0000000	239.3426744
4438	1.2980000	2.0000000	1.1000000	90.0000000	90.0000000	0.0000000	223.2124178
4439	1.2980000	2.2000000	1.1000000	90.0000000	90.0000000	0.0000000	207.4040737
4440	1.2980000	2.4000000	1.1000000	90.0000000	90.0000000	0.0000000	200.1267836
4441	1.2980000	2.6000000	1.1000000	90.0000000	90.0000000	0.0000000	204.3418902
4442	1.2980000	2.8000000	1.1000000	90.0000000	90.0000000	0.0000000	217.6741447
4443	1.2980000	3.0000000	1.1000000	90.0000000	90.0000000	0.0000000	236.7922249
4444	1.2980000	3.2000000	1.1000000	90.0000000	90.0000000	0.0000000	258.4724261
4445	1.2980000	3.4000000	1.1000000	90.0000000	90.0000000	0.0000000	280.0147009
4446	1.2980000	3.6000000	1.1000000	90.0000000	90.0000000	0.0000000	299.2959336
4447	1.2980000	3.8000000	1.1000000	90.0000000	90.0000000	0.0000000	314.6841601
4448	1.2980000	4.0000000	1.1000000	90.0000000	90.0000000	0.0000000	325.0066282
4449	1.2980000	4.4000000	1.1000000	90.0000000	90.0000000	0.0000000	326.4620109
4450	1.2980000	4.8000000	1.1000000	90.0000000	90.0000000	0.0000000	308.4105087
4451	1.2980000	5.2000000	1.1000000	90.0000000	90.0000000	0.0000000	292.8314564
4452	1.2980000	5.6000000	1.1000000	90.0000000	90.0000000	0.0000000	282.8202958
4453	1.2980000	6.0000000	1.1000000	90.0000000	90.0000000	0.0000000	276.9445481
4454	1.2980000	7.0000000	1.1000000	90.0000000	90.0000000	0.0000000	271.4455570
4455	1.2980000	8.0000000	1.1000000	90.0000000	90.0000000	0.0000000	270.4623752
4456	1.2980000	9.0000000	1.1000000	90.0000000	90.0000000	0.0000000	270.3346143
4457	1.2980000	10.0000000	1.1000000	90.0000000	90.0000000	0.0000000	270.3395088

4458	1.2980000	0.8000000	1.2000000	90.0000000	90.0000000	0.0000000	803.3131118
4459	1.2980000	0.9000000	1.2000000	90.0000000	90.0000000	0.0000000	529.4272520
4460	1.2980000	1.0000000	1.2000000	90.0000000	90.0000000	0.0000000	390.6207131
4461	1.2980000	1.1000000	1.2000000	90.0000000	90.0000000	0.0000000	319.7680536
4462	1.2980000	1.2000000	1.2000000	90.0000000	90.0000000	0.0000000	272.4519567
4463	1.2980000	1.3000000	1.2000000	90.0000000	90.0000000	0.0000000	241.4552478
4464	1.2980000	1.4000000	1.2000000	90.0000000	90.0000000	0.0000000	223.3271266
4465	1.2980000	1.5000000	1.2000000	90.0000000	90.0000000	0.0000000	213.4796832
4466	1.2980000	1.6000000	1.2000000	90.0000000	90.0000000	0.0000000	208.5123809
4467	1.2980000	1.7000000	1.2000000	90.0000000	90.0000000	0.0000000	206.2999080
4468	1.2980000	1.8000000	1.2000000	90.0000000	90.0000000	0.0000000	205.5866807
4469	1.2980000	2.0000000	1.2000000	90.0000000	90.0000000	0.0000000	206.2645792
4470	1.2980000	2.2000000	1.2000000	90.0000000	90.0000000	0.0000000	208.9420366
4471	1.2980000	2.4000000	1.2000000	90.0000000	90.0000000	0.0000000	214.4394589
4472	1.2980000	2.6000000	1.2000000	90.0000000	90.0000000	0.0000000	224.2810665
4473	1.2980000	2.8000000	1.2000000	90.0000000	90.0000000	0.0000000	238.6219797
4474	1.2980000	3.0000000	1.2000000	90.0000000	90.0000000	0.0000000	255.9169566
4475	1.2980000	3.2000000	1.2000000	90.0000000	90.0000000	0.0000000	274.1281601
4476	1.2980000	3.4000000	1.2000000	90.0000000	90.0000000	0.0000000	291.3682298
4477	1.2980000	3.6000000	1.2000000	90.0000000	90.0000000	0.0000000	306.0928651
4478	1.2980000	3.8000000	1.2000000	90.0000000	90.0000000	0.0000000	317.0948632
4479	1.2980000	4.0000000	1.2000000	90.0000000	90.0000000	0.0000000	323.5897745
4480	1.2980000	4.4000000	1.2000000	90.0000000	90.0000000	0.0000000	318.4970332
4481	1.2980000	4.8000000	1.2000000	90.0000000	90.0000000	0.0000000	302.0838326
4482	1.2980000	5.2000000	1.2000000	90.0000000	90.0000000	0.0000000	289.1269543
4483	1.2980000	5.6000000	1.2000000	90.0000000	90.0000000	0.0000000	280.8194191
4484	1.2980000	6.0000000	1.2000000	90.0000000	90.0000000	0.0000000	275.9111655
4485	1.2980000	7.0000000	1.2000000	90.0000000	90.0000000	0.0000000	271.2780120
4486	1.2980000	8.0000000	1.2000000	90.0000000	90.0000000	0.0000000	270.4411654
4487	1.2980000	9.0000000	1.2000000	90.0000000	90.0000000	0.0000000	270.3339868
4488	1.2980000	10.0000000	1.2000000	90.0000000	90.0000000	0.0000000	270.3408266
4489	1.2980000	0.8000000	1.3000000	90.0000000	90.0000000	0.0000000	735.2080654
4490	1.2980000	0.9000000	1.3000000	90.0000000	90.0000000	0.0000000	461.7389973
4491	1.2980000	1.0000000	1.3000000	90.0000000	90.0000000	0.0000000	323.7892598
4492	1.2980000	1.1000000	1.3000000	90.0000000	90.0000000	0.0000000	259.7232408
4493	1.2980000	1.2000000	1.3000000	90.0000000	90.0000000	0.0000000	233.6908848
4494	1.2980000	1.3000000	1.3000000	90.0000000	90.0000000	0.0000000	222.8358494
4495	1.2980000	1.4000000	1.3000000	90.0000000	90.0000000	0.0000000	212.9296711
4496	1.2980000	1.5000000	1.3000000	90.0000000	90.0000000	0.0000000	206.5899429
4497	1.2980000	1.6000000	1.3000000	90.0000000	90.0000000	0.0000000	204.0371088
4498	1.2980000	1.7000000	1.3000000	90.0000000	90.0000000	0.0000000	204.2185219
4499	1.2980000	1.8000000	1.3000000	90.0000000	90.0000000	0.0000000	206.1962435
4500	1.2980000	2.0000000	1.3000000	90.0000000	90.0000000	0.0000000	213.1480444
4501	1.2980000	2.2000000	1.3000000	90.0000000	90.0000000	0.0000000	222.2626195
4502	1.2980000	2.4000000	1.3000000	90.0000000	90.0000000	0.0000000	232.8187722
4503	1.2980000	2.6000000	1.3000000	90.0000000	90.0000000	0.0000000	244.7999360
4504	1.2980000	2.8000000	1.3000000	90.0000000	90.0000000	0.0000000	258.3445397
4505	1.2980000	3.0000000	1.3000000	90.0000000	90.0000000	0.0000000	272.8716351
4506	1.2980000	3.2000000	1.3000000	90.0000000	90.0000000	0.0000000	287.2422296
4507	1.2980000	3.4000000	1.3000000	90.0000000	90.0000000	0.0000000	300.2159252
4508	1.2980000	3.6000000	1.3000000	90.0000000	90.0000000	0.0000000	310.6696055
4509	1.2980000	3.8000000	1.3000000	90.0000000	90.0000000	0.0000000	317.7606508
4510	1.2980000	4.0000000	1.3000000	90.0000000	90.0000000	0.0000000	320.3385225
4511	1.2980000	4.4000000	1.3000000	90.0000000	90.0000000	0.0000000	310.6556121
4512	1.2980000	4.8000000	1.3000000	90.0000000	90.0000000	0.0000000	296.4533783
4513	1.2980000	5.2000000	1.3000000	90.0000000	90.0000000	0.0000000	285.8325923

4514	1.2980000	5.6000000	1.3000000	90.0000000	90.0000000	0.0000000	279.0245538
4515	1.2980000	6.0000000	1.3000000	90.0000000	90.0000000	0.0000000	274.9766156
4516	1.2980000	7.0000000	1.3000000	90.0000000	90.0000000	0.0000000	271.1245860
4517	1.2980000	8.0000000	1.3000000	90.0000000	90.0000000	0.0000000	270.4217126
4518	1.2980000	9.0000000	1.3000000	90.0000000	90.0000000	0.0000000	270.3336103
4519	1.2980000	10.0000000	1.3000000	90.0000000	90.0000000	0.0000000	270.3422699
4520	1.2980000	0.8000000	1.4000000	90.0000000	90.0000000	0.0000000	696.9161822
4521	1.2980000	0.9000000	1.4000000	90.0000000	90.0000000	0.0000000	426.9744704
4522	1.2980000	1.0000000	1.4000000	90.0000000	90.0000000	0.0000000	290.3475229
4523	1.2980000	1.1000000	1.4000000	90.0000000	90.0000000	0.0000000	227.1196056
4524	1.2980000	1.2000000	1.4000000	90.0000000	90.0000000	0.0000000	203.6949907
4525	1.2980000	1.3000000	1.4000000	90.0000000	90.0000000	0.0000000	200.4892957
4526	1.2980000	1.4000000	1.4000000	90.0000000	90.0000000	0.0000000	205.6088946
4527	1.2980000	1.5000000	1.4000000	90.0000000	90.0000000	0.0000000	211.9030656
4528	1.2980000	1.6000000	1.4000000	90.0000000	90.0000000	0.0000000	215.4175579
4529	1.2980000	1.7000000	1.4000000	90.0000000	90.0000000	0.0000000	218.2776834
4530	1.2980000	1.8000000	1.4000000	90.0000000	90.0000000	0.0000000	221.8284457
4531	1.2980000	2.0000000	1.4000000	90.0000000	90.0000000	0.0000000	230.8879255
4532	1.2980000	2.2000000	1.4000000	90.0000000	90.0000000	0.0000000	241.4831719
4533	1.2980000	2.4000000	1.4000000	90.0000000	90.0000000	0.0000000	252.5978080
4534	1.2980000	2.6000000	1.4000000	90.0000000	90.0000000	0.0000000	263.7977226
4535	1.2980000	2.8000000	1.4000000	90.0000000	90.0000000	0.0000000	275.1736536
4536	1.2980000	3.0000000	1.4000000	90.0000000	90.0000000	0.0000000	286.5214094
4537	1.2980000	3.2000000	1.4000000	90.0000000	90.0000000	0.0000000	297.1622758
4538	1.2980000	3.4000000	1.4000000	90.0000000	90.0000000	0.0000000	306.2253324
4539	1.2980000	3.6000000	1.4000000	90.0000000	90.0000000	0.0000000	312.9135167
4540	1.2980000	3.8000000	1.4000000	90.0000000	90.0000000	0.0000000	316.1743696
4541	1.2980000	4.0000000	1.4000000	90.0000000	90.0000000	0.0000000	314.7898955
4542	1.2980000	4.4000000	1.4000000	90.0000000	90.0000000	0.0000000	303.4057441
4543	1.2980000	4.8000000	1.4000000	90.0000000	90.0000000	0.0000000	291.5440580
4544	1.2980000	5.2000000	1.4000000	90.0000000	90.0000000	0.0000000	282.9563398
4545	1.2980000	5.6000000	1.4000000	90.0000000	90.0000000	0.0000000	277.4442966
4546	1.2980000	6.0000000	1.4000000	90.0000000	90.0000000	0.0000000	274.1476756
4547	1.2980000	7.0000000	1.4000000	90.0000000	90.0000000	0.0000000	270.9867221
4548	1.2980000	8.0000000	1.4000000	90.0000000	90.0000000	0.0000000	270.4043306
4549	1.2980000	9.0000000	1.4000000	90.0000000	90.0000000	0.0000000	270.3334848
4550	1.2980000	10.0000000	1.4000000	90.0000000	90.0000000	0.0000000	270.3437759
4551	1.2980000	0.8000000	1.5000000	90.0000000	90.0000000	0.0000000	672.2416939
4552	1.2980000	0.9000000	1.5000000	90.0000000	90.0000000	0.0000000	410.7219123
4553	1.2980000	1.0000000	1.5000000	90.0000000	90.0000000	0.0000000	277.5056043
4554	1.2980000	1.1000000	1.5000000	90.0000000	90.0000000	0.0000000	215.5981552
4555	1.2980000	1.2000000	1.5000000	90.0000000	90.0000000	0.0000000	192.8094583
4556	1.2980000	1.3000000	1.5000000	90.0000000	90.0000000	0.0000000	190.6815109
4557	1.2980000	1.4000000	1.5000000	90.0000000	90.0000000	0.0000000	198.4378418
4558	1.2980000	1.5000000	1.5000000	90.0000000	90.0000000	0.0000000	209.7944455
4559	1.2980000	1.6000000	1.5000000	90.0000000	90.0000000	0.0000000	221.3056048
4560	1.2980000	1.7000000	1.5000000	90.0000000	90.0000000	0.0000000	231.1953423
4561	1.2980000	1.8000000	1.5000000	90.0000000	90.0000000	0.0000000	238.7085760
4562	1.2980000	2.0000000	1.5000000	90.0000000	90.0000000	0.0000000	250.0507471
4563	1.2980000	2.2000000	1.5000000	90.0000000	90.0000000	0.0000000	260.3850751
4564	1.2980000	2.4000000	1.5000000	90.0000000	90.0000000	0.0000000	270.1927971
4565	1.2980000	2.6000000	1.5000000	90.0000000	90.0000000	0.0000000	279.4070835
4566	1.2980000	2.8000000	1.5000000	90.0000000	90.0000000	0.0000000	288.2063979
4567	1.2980000	3.0000000	1.5000000	90.0000000	90.0000000	0.0000000	296.4757804
4568	1.2980000	3.2000000	1.5000000	90.0000000	90.0000000	0.0000000	303.7447247
4569	1.2980000	3.4000000	1.5000000	90.0000000	90.0000000	0.0000000	309.3741749

4570	1.2980000	3.6000000	1.5000000	90.0000000	90.0000000	0.0000000	312.3778118
4571	1.2980000	3.8000000	1.5000000	90.0000000	90.0000000	0.0000000	311.7103300
4572	1.2980000	4.0000000	1.5000000	90.0000000	90.0000000	0.0000000	307.8810162
4573	1.2980000	4.4000000	1.5000000	90.0000000	90.0000000	0.0000000	296.9918442
4574	1.2980000	4.8000000	1.5000000	90.0000000	90.0000000	0.0000000	287.3428820
4575	1.2980000	5.2000000	1.5000000	90.0000000	90.0000000	0.0000000	280.4875921
4576	1.2980000	5.6000000	1.5000000	90.0000000	90.0000000	0.0000000	276.0773299
4577	1.2980000	6.0000000	1.5000000	90.0000000	90.0000000	0.0000000	273.4257887
4578	1.2980000	7.0000000	1.5000000	90.0000000	90.0000000	0.0000000	270.8651108
4579	1.2980000	8.0000000	1.5000000	90.0000000	90.0000000	0.0000000	270.3890821
4580	1.2980000	9.0000000	1.5000000	90.0000000	90.0000000	0.0000000	270.3337358
4581	1.2980000	10.0000000	1.5000000	90.0000000	90.0000000	0.0000000	270.3454074
4582	1.2980000	0.8000000	1.6000000	90.0000000	90.0000000	0.0000000	608.6576022
4583	1.2980000	0.9000000	1.6000000	90.0000000	90.0000000	0.0000000	393.5039308
4584	1.2980000	1.0000000	1.6000000	90.0000000	90.0000000	0.0000000	274.5716837
4585	1.2980000	1.1000000	1.6000000	90.0000000	90.0000000	0.0000000	216.0391688
4586	1.2980000	1.2000000	1.6000000	90.0000000	90.0000000	0.0000000	194.2760107
4587	1.2980000	1.3000000	1.6000000	90.0000000	90.0000000	0.0000000	192.4370315
4588	1.2980000	1.4000000	1.6000000	90.0000000	90.0000000	0.0000000	200.4923705
4589	1.2980000	1.5000000	1.6000000	90.0000000	90.0000000	0.0000000	212.6519981
4590	1.2980000	1.6000000	1.6000000	90.0000000	90.0000000	0.0000000	225.6931511
4591	1.2980000	1.7000000	1.6000000	90.0000000	90.0000000	0.0000000	237.9356098
4592	1.2980000	1.8000000	1.6000000	90.0000000	90.0000000	0.0000000	248.5873322
4593	1.2980000	2.0000000	1.6000000	90.0000000	90.0000000	0.0000000	264.3235756
4594	1.2980000	2.2000000	1.6000000	90.0000000	90.0000000	0.0000000	275.0754484
4595	1.2980000	2.4000000	1.6000000	90.0000000	90.0000000	0.0000000	283.6158523
4596	1.2980000	2.6000000	1.6000000	90.0000000	90.0000000	0.0000000	290.8839808
4597	1.2980000	2.8000000	1.6000000	90.0000000	90.0000000	0.0000000	297.2704584
4598	1.2980000	3.0000000	1.6000000	90.0000000	90.0000000	0.0000000	302.7806819
4599	1.2980000	3.2000000	1.6000000	90.0000000	90.0000000	0.0000000	307.0171238
4600	1.2980000	3.4000000	1.6000000	90.0000000	90.0000000	0.0000000	309.1499658
4601	1.2980000	3.6000000	1.6000000	90.0000000	90.0000000	0.0000000	308.4698710
4602	1.2980000	3.8000000	1.6000000	90.0000000	90.0000000	0.0000000	305.3487017
4603	1.2980000	4.0000000	1.6000000	90.0000000	90.0000000	0.0000000	300.9062483
4604	1.2980000	4.4000000	1.6000000	90.0000000	90.0000000	0.0000000	291.4981243
4605	1.2980000	4.8000000	1.6000000	90.0000000	90.0000000	0.0000000	283.8086232
4606	1.2980000	5.2000000	1.6000000	90.0000000	90.0000000	0.0000000	278.4021271
4607	1.2980000	5.6000000	1.6000000	90.0000000	90.0000000	0.0000000	274.9144295
4608	1.2980000	6.0000000	1.6000000	90.0000000	90.0000000	0.0000000	272.8079429
4609	1.2980000	7.0000000	1.6000000	90.0000000	90.0000000	0.0000000	270.7598147
4610	1.2980000	8.0000000	1.6000000	90.0000000	90.0000000	0.0000000	270.3760299
4611	1.2980000	9.0000000	1.6000000	90.0000000	90.0000000	0.0000000	270.3343005
4612	1.2980000	10.0000000	1.6000000	90.0000000	90.0000000	0.0000000	270.3471017
4613	1.2980000	0.8000000	1.7000000	90.0000000	90.0000000	0.0000000	545.0931515
4614	1.2980000	0.9000000	1.7000000	90.0000000	90.0000000	0.0000000	331.3723353
4615	1.2980000	1.0000000	1.7000000	90.0000000	90.0000000	0.0000000	245.8217725
4616	1.2980000	1.1000000	1.7000000	90.0000000	90.0000000	0.0000000	220.0877971
4617	1.2980000	1.2000000	1.7000000	90.0000000	90.0000000	0.0000000	201.1137304
4618	1.2980000	1.3000000	1.7000000	90.0000000	90.0000000	0.0000000	200.3389445
4619	1.2980000	1.4000000	1.7000000	90.0000000	90.0000000	0.0000000	208.4182544
4620	1.2980000	1.5000000	1.7000000	90.0000000	90.0000000	0.0000000	220.3888135
4621	1.2980000	1.6000000	1.7000000	90.0000000	90.0000000	0.0000000	233.3588696
4622	1.2980000	1.7000000	1.7000000	90.0000000	90.0000000	0.0000000	245.7781606
4623	1.2980000	1.8000000	1.7000000	90.0000000	90.0000000	0.0000000	256.8749125
4624	1.2980000	2.0000000	1.7000000	90.0000000	90.0000000	0.0000000	274.0611420
4625	1.2980000	2.2000000	1.7000000	90.0000000	90.0000000	0.0000000	285.2751756

4626	1.2980000	2.4000000	1.7000000	90.0000000	90.0000000	0.0000000	292.8527290
4627	1.2980000	2.6000000	1.7000000	90.0000000	90.0000000	0.0000000	298.3846015
4628	1.2980000	2.8000000	1.7000000	90.0000000	90.0000000	0.0000000	302.5416008
4629	1.2980000	3.0000000	1.7000000	90.0000000	90.0000000	0.0000000	305.3172007
4630	1.2980000	3.2000000	1.7000000	90.0000000	90.0000000	0.0000000	306.2869539
4631	1.2980000	3.4000000	1.7000000	90.0000000	90.0000000	0.0000000	305.2068217
4632	1.2980000	3.6000000	1.7000000	90.0000000	90.0000000	0.0000000	302.4375598
4633	1.2980000	3.8000000	1.7000000	90.0000000	90.0000000	0.0000000	298.6885671
4634	1.2980000	4.0000000	1.7000000	90.0000000	90.0000000	0.0000000	294.5987113
4635	1.2980000	4.4000000	1.7000000	90.0000000	90.0000000	0.0000000	286.9078297
4636	1.2980000	4.8000000	1.7000000	90.0000000	90.0000000	0.0000000	280.8815425
4637	1.2980000	5.2000000	1.7000000	90.0000000	90.0000000	0.0000000	276.6670634
4638	1.2980000	5.6000000	1.7000000	90.0000000	90.0000000	0.0000000	273.9409739
4639	1.2980000	6.0000000	1.7000000	90.0000000	90.0000000	0.0000000	272.2878630
4640	1.2980000	7.0000000	1.7000000	90.0000000	90.0000000	0.0000000	270.6700809
4641	1.2980000	8.0000000	1.7000000	90.0000000	90.0000000	0.0000000	270.3651112
4642	1.2980000	9.0000000	1.7000000	90.0000000	90.0000000	0.0000000	270.3351790
4643	1.2980000	10.0000000	1.7000000	90.0000000	90.0000000	0.0000000	270.3487960
4644	1.2980000	0.8000000	1.8000000	90.0000000	90.0000000	0.0000000	498.0246071
4645	1.2980000	0.9000000	1.8000000	90.0000000	90.0000000	0.0000000	282.5214130
4646	1.2980000	1.0000000	1.8000000	90.0000000	90.0000000	0.0000000	196.7963398
4647	1.2980000	1.1000000	1.8000000	90.0000000	90.0000000	0.0000000	178.0703275
4648	1.2980000	1.2000000	1.8000000	90.0000000	90.0000000	0.0000000	190.7775199
4649	1.2980000	1.3000000	1.8000000	90.0000000	90.0000000	0.0000000	209.1231359
4650	1.2980000	1.4000000	1.8000000	90.0000000	90.0000000	0.0000000	217.4822523
4651	1.2980000	1.5000000	1.8000000	90.0000000	90.0000000	0.0000000	229.5761797
4652	1.2980000	1.6000000	1.8000000	90.0000000	90.0000000	0.0000000	242.2025488
4653	1.2980000	1.7000000	1.8000000	90.0000000	90.0000000	0.0000000	254.1635069
4654	1.2980000	1.8000000	1.8000000	90.0000000	90.0000000	0.0000000	264.8500560
4655	1.2980000	2.0000000	1.8000000	90.0000000	90.0000000	0.0000000	281.5166448
4656	1.2980000	2.2000000	1.8000000	90.0000000	90.0000000	0.0000000	292.1539972
4657	1.2980000	2.4000000	1.8000000	90.0000000	90.0000000	0.0000000	298.4112707
4658	1.2980000	2.6000000	1.8000000	90.0000000	90.0000000	0.0000000	301.8940737
4659	1.2980000	2.8000000	1.8000000	90.0000000	90.0000000	0.0000000	303.4343585
4660	1.2980000	3.0000000	1.8000000	90.0000000	90.0000000	0.0000000	303.3447501
4661	1.2980000	3.2000000	1.8000000	90.0000000	90.0000000	0.0000000	301.8453163
4662	1.2980000	3.4000000	1.8000000	90.0000000	90.0000000	0.0000000	299.2845129
4663	1.2980000	3.6000000	1.8000000	90.0000000	90.0000000	0.0000000	296.0881679
4664	1.2980000	3.8000000	1.8000000	90.0000000	90.0000000	0.0000000	292.6407563
4665	1.2980000	4.0000000	1.8000000	90.0000000	90.0000000	0.0000000	289.2259753
4666	1.2980000	4.4000000	1.8000000	90.0000000	90.0000000	0.0000000	283.1483578
4667	1.2980000	4.8000000	1.8000000	90.0000000	90.0000000	0.0000000	278.4926140
4668	1.2980000	5.2000000	1.8000000	90.0000000	90.0000000	0.0000000	275.2446876
4669	1.2980000	5.6000000	1.8000000	90.0000000	90.0000000	0.0000000	273.1385776
4670	1.2980000	6.0000000	1.8000000	90.0000000	90.0000000	0.0000000	271.8570778
4671	1.2980000	7.0000000	1.8000000	90.0000000	90.0000000	0.0000000	270.5949052
4672	1.2980000	8.0000000	1.8000000	90.0000000	90.0000000	0.0000000	270.3562633
4673	1.2980000	9.0000000	1.8000000	90.0000000	90.0000000	0.0000000	270.3363713
4674	1.2980000	10.0000000	1.8000000	90.0000000	90.0000000	0.0000000	270.3505530
4675	1.2980000	0.8000000	1.9000000	90.0000000	90.0000000	0.0000000	463.6945051
4676	1.2980000	0.9000000	1.9000000	90.0000000	90.0000000	0.0000000	246.5651829
4677	1.2980000	1.0000000	1.9000000	90.0000000	90.0000000	0.0000000	159.8762551
4678	1.2980000	1.1000000	1.9000000	90.0000000	90.0000000	0.0000000	141.0388599
4679	1.2980000	1.2000000	1.9000000	90.0000000	90.0000000	0.0000000	155.4631064
4680	1.2980000	1.3000000	1.9000000	90.0000000	90.0000000	0.0000000	183.4581867
4681	1.2980000	1.4000000	1.9000000	90.0000000	90.0000000	0.0000000	212.8448318

4682	1.2980000	1.5000000	1.9000000	90.0000000	90.0000000	0.0000000	235.2908457
4683	1.2980000	1.6000000	1.9000000	90.0000000	90.0000000	0.0000000	249.6535336
4684	1.2980000	1.7000000	1.9000000	90.0000000	90.0000000	0.0000000	261.2543011
4685	1.2980000	1.8000000	1.9000000	90.0000000	90.0000000	0.0000000	271.3576430
4686	1.2980000	2.0000000	1.9000000	90.0000000	90.0000000	0.0000000	286.5997854
4687	1.2980000	2.2000000	1.9000000	90.0000000	90.0000000	0.0000000	295.4173602
4688	1.2980000	2.4000000	1.9000000	90.0000000	90.0000000	0.0000000	299.3955193
4689	1.2980000	2.6000000	1.9000000	90.0000000	90.0000000	0.0000000	300.4730158
4690	1.2980000	2.8000000	1.9000000	90.0000000	90.0000000	0.0000000	299.8794546
4691	1.2980000	3.0000000	1.9000000	90.0000000	90.0000000	0.0000000	298.2456709
4692	1.2980000	3.2000000	1.9000000	90.0000000	90.0000000	0.0000000	295.9412051
4693	1.2980000	3.4000000	1.9000000	90.0000000	90.0000000	0.0000000	293.2419104
4694	1.2980000	3.6000000	1.9000000	90.0000000	90.0000000	0.0000000	290.3758236
4695	1.2980000	3.8000000	1.9000000	90.0000000	90.0000000	0.0000000	287.5230400
4696	1.2980000	4.0000000	1.9000000	90.0000000	90.0000000	0.0000000	284.8132031
4697	1.2980000	4.4000000	1.9000000	90.0000000	90.0000000	0.0000000	280.1209383
4698	1.2980000	4.8000000	1.9000000	90.0000000	90.0000000	0.0000000	276.5699249
4699	1.2980000	5.2000000	1.9000000	90.0000000	90.0000000	0.0000000	274.0952158
4700	1.2980000	5.6000000	1.9000000	90.0000000	90.0000000	0.0000000	272.4872227
4701	1.2980000	6.0000000	1.9000000	90.0000000	90.0000000	0.0000000	271.5056725
4702	1.2980000	7.0000000	1.9000000	90.0000000	90.0000000	0.0000000	270.5329073
4703	1.2980000	8.0000000	1.9000000	90.0000000	90.0000000	0.0000000	270.3493607
4704	1.2980000	9.0000000	1.9000000	90.0000000	90.0000000	0.0000000	270.3377518
4705	1.2980000	10.0000000	1.9000000	90.0000000	90.0000000	0.0000000	270.3523728
4706	1.2980000	0.8000000	2.0000000	90.0000000	90.0000000	0.0000000	438.8150722
4707	1.2980000	0.9000000	2.0000000	90.0000000	90.0000000	0.0000000	220.3776438
4708	1.2980000	1.0000000	2.0000000	90.0000000	90.0000000	0.0000000	132.7991585
4709	1.2980000	1.1000000	2.0000000	90.0000000	90.0000000	0.0000000	113.5006694
4710	1.2980000	1.2000000	2.0000000	90.0000000	90.0000000	0.0000000	127.9995896
4711	1.2980000	1.3000000	2.0000000	90.0000000	90.0000000	0.0000000	156.9785419
4712	1.2980000	1.4000000	2.0000000	90.0000000	90.0000000	0.0000000	189.4670918
4713	1.2980000	1.5000000	2.0000000	90.0000000	90.0000000	0.0000000	219.1659230
4714	1.2980000	1.6000000	2.0000000	90.0000000	90.0000000	0.0000000	242.8005026
4715	1.2980000	1.7000000	2.0000000	90.0000000	90.0000000	0.0000000	259.8968099
4716	1.2980000	1.8000000	2.0000000	90.0000000	90.0000000	0.0000000	271.7835964
4717	1.2980000	2.0000000	2.0000000	90.0000000	90.0000000	0.0000000	286.4096499
4718	1.2980000	2.2000000	2.0000000	90.0000000	90.0000000	0.0000000	293.4106476
4719	1.2980000	2.4000000	2.0000000	90.0000000	90.0000000	0.0000000	295.7225181
4720	1.2980000	2.6000000	2.0000000	90.0000000	90.0000000	0.0000000	295.6032913
4721	1.2980000	2.8000000	2.0000000	90.0000000	90.0000000	0.0000000	294.3121278
4722	1.2980000	3.0000000	2.0000000	90.0000000	90.0000000	0.0000000	292.4308544
4723	1.2980000	3.2000000	2.0000000	90.0000000	90.0000000	0.0000000	290.2446741
4724	1.2980000	3.4000000	2.0000000	90.0000000	90.0000000	0.0000000	287.9264659
4725	1.2980000	3.6000000	2.0000000	90.0000000	90.0000000	0.0000000	285.6011040
4726	1.2980000	3.8000000	2.0000000	90.0000000	90.0000000	0.0000000	283.3626522
4727	1.2980000	4.0000000	2.0000000	90.0000000	90.0000000	0.0000000	281.2780658
4728	1.2980000	4.4000000	2.0000000	90.0000000	90.0000000	0.0000000	277.7189575
4729	1.2980000	4.8000000	2.0000000	90.0000000	90.0000000	0.0000000	275.0433199
4730	1.2980000	5.2000000	2.0000000	90.0000000	90.0000000	0.0000000	273.1793658
4731	1.2980000	5.6000000	2.0000000	90.0000000	90.0000000	0.0000000	271.9661389
4732	1.2980000	6.0000000	2.0000000	90.0000000	90.0000000	0.0000000	271.2232305
4733	1.2980000	7.0000000	2.0000000	90.0000000	90.0000000	0.0000000	270.4826437
4734	1.2980000	8.0000000	2.0000000	90.0000000	90.0000000	0.0000000	270.3442152
4735	1.2980000	9.0000000	2.0000000	90.0000000	90.0000000	0.0000000	270.3394461
4736	1.2980000	10.0000000	2.0000000	90.0000000	90.0000000	0.0000000	270.3541926
4737	1.2980000	0.8000000	2.2000000	90.0000000	90.0000000	0.0000000	407.9656397

4738	1.2980000	0.9000000	2.2000000	90.0000000	90.0000000	0.0000000	187.7163404
4739	1.2980000	1.0000000	2.2000000	90.0000000	90.0000000	0.0000000	98.8241641
4740	1.2980000	1.1000000	2.2000000	90.0000000	90.0000000	0.0000000	78.6806079
4741	1.2980000	1.2000000	2.2000000	90.0000000	90.0000000	0.0000000	92.8264913
4742	1.2980000	1.3000000	2.2000000	90.0000000	90.0000000	0.0000000	122.0492310
4743	1.2980000	1.4000000	2.2000000	90.0000000	90.0000000	0.0000000	155.6391857
4744	1.2980000	1.5000000	2.2000000	90.0000000	90.0000000	0.0000000	187.7918299
4745	1.2980000	1.6000000	2.2000000	90.0000000	90.0000000	0.0000000	215.5915036
4746	1.2980000	1.7000000	2.2000000	90.0000000	90.0000000	0.0000000	237.9182906
4747	1.2980000	1.8000000	2.2000000	90.0000000	90.0000000	0.0000000	254.7465887
4748	1.2980000	2.0000000	2.2000000	90.0000000	90.0000000	0.0000000	274.4135514
4749	1.2980000	2.2000000	2.2000000	90.0000000	90.0000000	0.0000000	282.3535543
4750	1.2980000	2.4000000	2.2000000	90.0000000	90.0000000	0.0000000	284.7653869
4751	1.2980000	2.6000000	2.2000000	90.0000000	90.0000000	0.0000000	284.8512302
4752	1.2980000	2.8000000	2.2000000	90.0000000	90.0000000	0.0000000	284.0163916
4753	1.2980000	3.0000000	2.2000000	90.0000000	90.0000000	0.0000000	282.8171582
4754	1.2980000	3.2000000	2.2000000	90.0000000	90.0000000	0.0000000	281.4791198
4755	1.2980000	3.4000000	2.2000000	90.0000000	90.0000000	0.0000000	280.1096431
4756	1.2980000	3.6000000	2.2000000	90.0000000	90.0000000	0.0000000	278.7722322
4757	1.2980000	3.8000000	2.2000000	90.0000000	90.0000000	0.0000000	277.5093066
4758	1.2980000	4.0000000	2.2000000	90.0000000	90.0000000	0.0000000	276.3486650
4759	1.2980000	4.4000000	2.2000000	90.0000000	90.0000000	0.0000000	274.3884510
4760	1.2980000	4.8000000	2.2000000	90.0000000	90.0000000	0.0000000	272.9231537
4761	1.2980000	5.2000000	2.2000000	90.0000000	90.0000000	0.0000000	271.9022585
4762	1.2980000	5.6000000	2.2000000	90.0000000	90.0000000	0.0000000	271.2354041
4763	1.2980000	6.0000000	2.2000000	90.0000000	90.0000000	0.0000000	270.8246365
4764	1.2980000	7.0000000	2.2000000	90.0000000	90.0000000	0.0000000	270.4111705
4765	1.2980000	8.0000000	2.2000000	90.0000000	90.0000000	0.0000000	270.3383793
4766	1.2980000	9.0000000	2.2000000	90.0000000	90.0000000	0.0000000	270.3433367
4767	1.2980000	10.0000000	2.2000000	90.0000000	90.0000000	0.0000000	270.3578321
4768	1.2980000	0.8000000	2.4000000	90.0000000	90.0000000	0.0000000	392.1099186
4769	1.2980000	0.9000000	2.4000000	90.0000000	90.0000000	0.0000000	170.7898371
4770	1.2980000	1.0000000	2.4000000	90.0000000	90.0000000	0.0000000	81.0876089
4771	1.2980000	1.1000000	2.4000000	90.0000000	90.0000000	0.0000000	60.3703208
4772	1.2980000	1.2000000	2.4000000	90.0000000	90.0000000	0.0000000	74.1751527
4773	1.2980000	1.3000000	2.4000000	90.0000000	90.0000000	0.0000000	103.3055857
4774	1.2980000	1.4000000	2.4000000	90.0000000	90.0000000	0.0000000	137.0933942
4775	1.2980000	1.5000000	2.4000000	90.0000000	90.0000000	0.0000000	169.8040198
4776	1.2980000	1.6000000	2.4000000	90.0000000	90.0000000	0.0000000	198.5916444
4777	1.2980000	1.7000000	2.4000000	90.0000000	90.0000000	0.0000000	222.3147655
4778	1.2980000	1.8000000	2.4000000	90.0000000	90.0000000	0.0000000	240.8226555
4779	1.2980000	2.0000000	2.4000000	90.0000000	90.0000000	0.0000000	263.6626198
4780	1.2980000	2.2000000	2.4000000	90.0000000	90.0000000	0.0000000	273.3105152
4781	1.2980000	2.4000000	2.4000000	90.0000000	90.0000000	0.0000000	276.6399550
4782	1.2980000	2.6000000	2.4000000	90.0000000	90.0000000	0.0000000	277.4389001
4783	1.2980000	2.8000000	2.4000000	90.0000000	90.0000000	0.0000000	277.2874193
4784	1.2980000	3.0000000	2.4000000	90.0000000	90.0000000	0.0000000	276.7754971
4785	1.2980000	3.2000000	2.4000000	90.0000000	90.0000000	0.0000000	276.1247070
4786	1.2980000	3.4000000	2.4000000	90.0000000	90.0000000	0.0000000	275.4288616
4787	1.2980000	3.6000000	2.4000000	90.0000000	90.0000000	0.0000000	274.7371580
4788	1.2980000	3.8000000	2.4000000	90.0000000	90.0000000	0.0000000	274.0794653
4789	1.2980000	4.0000000	2.4000000	90.0000000	90.0000000	0.0000000	273.4739187
4790	1.2980000	4.4000000	2.4000000	90.0000000	90.0000000	0.0000000	272.4515175
4791	1.2980000	4.8000000	2.4000000	90.0000000	90.0000000	0.0000000	271.6872737
4792	1.2980000	5.2000000	2.4000000	90.0000000	90.0000000	0.0000000	271.1537651
4793	1.2980000	5.6000000	2.4000000	90.0000000	90.0000000	0.0000000	270.8039287

4794	1.2980000	6.0000000	2.4000000	90.0000000	90.0000000	0.0000000	270.5871241
4795	1.2980000	7.0000000	2.4000000	90.0000000	90.0000000	0.0000000	270.3691273
4796	1.2980000	8.0000000	2.4000000	90.0000000	90.0000000	0.0000000	270.3371871
4797	1.2980000	9.0000000	2.4000000	90.0000000	90.0000000	0.0000000	270.3477292
4798	1.2980000	10.0000000	2.4000000	90.0000000	90.0000000	0.0000000	270.3614717
4799	1.2980000	0.8000000	2.6000000	90.0000000	90.0000000	0.0000000	384.0415273
4800	1.2980000	0.9000000	2.6000000	90.0000000	90.0000000	0.0000000	162.1051687
4801	1.2980000	1.0000000	2.6000000	90.0000000	90.0000000	0.0000000	71.9257822
4802	1.2980000	1.1000000	2.6000000	90.0000000	90.0000000	0.0000000	50.8552064
4803	1.2980000	1.2000000	2.6000000	90.0000000	90.0000000	0.0000000	64.4266676
4804	1.2980000	1.3000000	2.6000000	90.0000000	90.0000000	0.0000000	93.4484787
4805	1.2980000	1.4000000	2.6000000	90.0000000	90.0000000	0.0000000	127.2657800
4806	1.2980000	1.5000000	2.6000000	90.0000000	90.0000000	0.0000000	160.1657880
4807	1.2980000	1.6000000	2.6000000	90.0000000	90.0000000	0.0000000	189.3240197
4808	1.2980000	1.7000000	2.6000000	90.0000000	90.0000000	0.0000000	213.5959606
4809	1.2980000	1.8000000	2.6000000	90.0000000	90.0000000	0.0000000	232.7995703
4810	1.2980000	2.0000000	2.6000000	90.0000000	90.0000000	0.0000000	257.1964484
4811	1.2980000	2.2000000	2.6000000	90.0000000	90.0000000	0.0000000	267.9072822
4812	1.2980000	2.4000000	2.6000000	90.0000000	90.0000000	0.0000000	271.8708830
4813	1.2980000	2.6000000	2.6000000	90.0000000	90.0000000	0.0000000	273.1547673
4814	1.2980000	2.8000000	2.6000000	90.0000000	90.0000000	0.0000000	273.4453670
4815	1.2980000	3.0000000	2.6000000	90.0000000	90.0000000	0.0000000	273.3593982
4816	1.2980000	3.2000000	2.6000000	90.0000000	90.0000000	0.0000000	273.1205681
4817	1.2980000	3.4000000	2.6000000	90.0000000	90.0000000	0.0000000	272.8182340
4818	1.2980000	3.6000000	2.6000000	90.0000000	90.0000000	0.0000000	272.4964471
4819	1.2980000	3.8000000	2.6000000	90.0000000	90.0000000	0.0000000	272.1804334
4820	1.2980000	4.0000000	2.6000000	90.0000000	90.0000000	0.0000000	271.8849392
4821	1.2980000	4.4000000	2.6000000	90.0000000	90.0000000	0.0000000	271.3813001
4822	1.2980000	4.8000000	2.6000000	90.0000000	90.0000000	0.0000000	271.0023471
4823	1.2980000	5.2000000	2.6000000	90.0000000	90.0000000	0.0000000	270.7365341
4824	1.2980000	5.6000000	2.6000000	90.0000000	90.0000000	0.0000000	270.5615845
4825	1.2980000	6.0000000	2.6000000	90.0000000	90.0000000	0.0000000	270.4530253
4826	1.2980000	7.0000000	2.6000000	90.0000000	90.0000000	0.0000000	270.3471017
4827	1.2980000	8.0000000	2.6000000	90.0000000	90.0000000	0.0000000	270.3392578
4828	1.2980000	9.0000000	2.6000000	90.0000000	90.0000000	0.0000000	270.3523728
4829	1.2980000	10.0000000	2.6000000	90.0000000	90.0000000	0.0000000	270.3649230
4830	1.2980000	0.8000000	2.8000000	90.0000000	90.0000000	0.0000000	379.9922713
4831	1.2980000	0.9000000	2.8000000	90.0000000	90.0000000	0.0000000	157.7149242
4832	1.2980000	1.0000000	2.8000000	90.0000000	90.0000000	0.0000000	67.2671519
4833	1.2980000	1.1000000	2.8000000	90.0000000	90.0000000	0.0000000	45.9919452
4834	1.2980000	1.2000000	2.8000000	90.0000000	90.0000000	0.0000000	59.4202715
4835	1.2980000	1.3000000	2.8000000	90.0000000	90.0000000	0.0000000	88.3625144
4836	1.2980000	1.4000000	2.8000000	90.0000000	90.0000000	0.0000000	122.1698383
4837	1.2980000	1.5000000	2.8000000	90.0000000	90.0000000	0.0000000	155.1389978
4838	1.2980000	1.6000000	2.8000000	90.0000000	90.0000000	0.0000000	184.4547344
4839	1.2980000	1.7000000	2.8000000	90.0000000	90.0000000	0.0000000	208.9709648
4840	1.2980000	1.8000000	2.8000000	90.0000000	90.0000000	0.0000000	228.4947926
4841	1.2980000	2.0000000	2.8000000	90.0000000	90.0000000	0.0000000	253.6703472
4842	1.2980000	2.2000000	2.8000000	90.0000000	90.0000000	0.0000000	264.9731106
4843	1.2980000	2.4000000	2.8000000	90.0000000	90.0000000	0.0000000	269.3018592
4844	1.2980000	2.6000000	2.8000000	90.0000000	90.0000000	0.0000000	270.8614085
4845	1.2980000	2.8000000	2.8000000	90.0000000	90.0000000	0.0000000	271.3984938
4846	1.2980000	3.0000000	2.8000000	90.0000000	90.0000000	0.0000000	271.5463351
4847	1.2980000	3.2000000	2.8000000	90.0000000	90.0000000	0.0000000	271.5310866
4848	1.2980000	3.4000000	2.8000000	90.0000000	90.0000000	0.0000000	271.4404114
4849	1.2980000	3.6000000	2.8000000	90.0000000	90.0000000	0.0000000	271.3158508

4850	1.2980000	3.8000000	2.8000000	90.0000000	90.0000000	0.0000000	271.1808735
4851	1.2980000	4.0000000	2.8000000	90.0000000	90.0000000	0.0000000	271.0489083
4852	1.2980000	4.4000000	2.8000000	90.0000000	90.0000000	0.0000000	270.8174201
4853	1.2980000	4.8000000	2.8000000	90.0000000	90.0000000	0.0000000	270.6400231
4854	1.2980000	5.2000000	2.8000000	90.0000000	90.0000000	0.0000000	270.5147095
4855	1.2980000	5.6000000	2.8000000	90.0000000	90.0000000	0.0000000	270.4323175
4856	1.2980000	6.0000000	2.8000000	90.0000000	90.0000000	0.0000000	270.3819285
4857	1.2980000	7.0000000	2.8000000	90.0000000	90.0000000	0.0000000	270.3381283
4858	1.2980000	8.0000000	2.8000000	90.0000000	90.0000000	0.0000000	270.3433994
4859	1.2980000	9.0000000	2.8000000	90.0000000	90.0000000	0.0000000	270.3569536
4860	1.2980000	10.0000000	2.8000000	90.0000000	90.0000000	0.0000000	270.3683115
4861	1.2980000	0.8000000	3.0000000	90.0000000	90.0000000	0.0000000	378.0014348
4862	1.2980000	0.9000000	3.0000000	90.0000000	90.0000000	0.0000000	155.5443690
4863	1.2980000	1.0000000	3.0000000	90.0000000	90.0000000	0.0000000	64.9531480
4864	1.2980000	1.1000000	3.0000000	90.0000000	90.0000000	0.0000000	43.5656798
4865	1.2980000	1.2000000	3.0000000	90.0000000	90.0000000	0.0000000	56.9118651
4866	1.2980000	1.3000000	3.0000000	90.0000000	90.0000000	0.0000000	85.8034680
4867	1.2980000	1.4000000	3.0000000	90.0000000	90.0000000	0.0000000	119.5949787
4868	1.2980000	1.5000000	3.0000000	90.0000000	90.0000000	0.0000000	152.5882346
4869	1.2980000	1.6000000	3.0000000	90.0000000	90.0000000	0.0000000	181.9724325
4870	1.2980000	1.7000000	3.0000000	90.0000000	90.0000000	0.0000000	206.6011753
4871	1.2980000	1.8000000	3.0000000	90.0000000	90.0000000	0.0000000	226.2770486
4872	1.2980000	2.0000000	3.0000000	90.0000000	90.0000000	0.0000000	251.8462399
4873	1.2980000	2.2000000	3.0000000	90.0000000	90.0000000	0.0000000	263.4674016
4874	1.2980000	2.4000000	3.0000000	90.0000000	90.0000000	0.0000000	267.9933764
4875	1.2980000	2.6000000	3.0000000	90.0000000	90.0000000	0.0000000	269.6985707
4876	1.2980000	2.8000000	3.0000000	90.0000000	90.0000000	0.0000000	270.3635424
4877	1.2980000	3.0000000	3.0000000	90.0000000	90.0000000	0.0000000	270.6314262
4878	1.2980000	3.2000000	3.0000000	90.0000000	90.0000000	0.0000000	270.7300707
4879	1.2980000	3.4000000	3.0000000	90.0000000	90.0000000	0.0000000	270.7466370
4880	1.2980000	3.6000000	3.0000000	90.0000000	90.0000000	0.0000000	270.7216621
4881	1.2980000	3.8000000	3.0000000	90.0000000	90.0000000	0.0000000	270.6777992
4882	1.2980000	4.0000000	3.0000000	90.0000000	90.0000000	0.0000000	270.6279122
4883	1.2980000	4.4000000	3.0000000	90.0000000	90.0000000	0.0000000	270.5329701
4884	1.2980000	4.8000000	3.0000000	90.0000000	90.0000000	0.0000000	270.4568531
4885	1.2980000	5.2000000	3.0000000	90.0000000	90.0000000	0.0000000	270.4026364
4886	1.2980000	5.6000000	3.0000000	90.0000000	90.0000000	0.0000000	270.3678095
4887	1.2980000	6.0000000	3.0000000	90.0000000	90.0000000	0.0000000	270.3479175
4888	1.2980000	7.0000000	3.0000000	90.0000000	90.0000000	0.0000000	270.3370616
4889	1.2980000	8.0000000	3.0000000	90.0000000	90.0000000	0.0000000	270.3484822
4890	1.2980000	9.0000000	3.0000000	90.0000000	90.0000000	0.0000000	270.3614089
4891	1.2980000	10.0000000	3.0000000	90.0000000	90.0000000	0.0000000	270.3715118
4892	1.2980000	0.8000000	3.5000000	90.0000000	90.0000000	0.0000000	376.4711902
4893	1.2980000	0.9000000	3.5000000	90.0000000	90.0000000	0.0000000	153.8706129
4894	1.2980000	1.0000000	3.5000000	90.0000000	90.0000000	0.0000000	63.1617967
4895	1.2980000	1.1000000	3.5000000	90.0000000	90.0000000	0.0000000	41.6788844
4896	1.2980000	1.2000000	3.5000000	90.0000000	90.0000000	0.0000000	54.9514000
4897	1.2980000	1.3000000	3.5000000	90.0000000	90.0000000	0.0000000	83.7926139
4898	1.2980000	1.4000000	3.5000000	90.0000000	90.0000000	0.0000000	117.5605302
4899	1.2980000	1.5000000	3.5000000	90.0000000	90.0000000	0.0000000	150.5618809
4900	1.2980000	1.6000000	3.5000000	90.0000000	90.0000000	0.0000000	179.9906321
4901	1.2980000	1.7000000	3.5000000	90.0000000	90.0000000	0.0000000	204.6998843
4902	1.2980000	1.8000000	3.5000000	90.0000000	90.0000000	0.0000000	224.4900272
4903	1.2980000	2.0000000	3.5000000	90.0000000	90.0000000	0.0000000	250.3834525
4904	1.2980000	2.2000000	3.5000000	90.0000000	90.0000000	0.0000000	262.2822244
4905	1.2980000	2.4000000	3.5000000	90.0000000	90.0000000	0.0000000	266.9767484

4906	1.2980000	2.6000000	3.5000000	90.0000000	90.0000000	0.0000000	268.8008556
4907	1.2980000	2.8000000	3.5000000	90.0000000	90.0000000	0.0000000	269.5671702
4908	1.2980000	3.0000000	3.5000000	90.0000000	90.0000000	0.0000000	269.9289294
4909	1.2980000	3.2000000	3.5000000	90.0000000	90.0000000	0.0000000	270.1161782
4910	1.2980000	3.4000000	3.5000000	90.0000000	90.0000000	0.0000000	270.2160150
4911	1.2980000	3.6000000	3.5000000	90.0000000	90.0000000	0.0000000	270.2682866
4912	1.2980000	3.8000000	3.5000000	90.0000000	90.0000000	0.0000000	270.2951440
4913	1.2980000	4.0000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3090119
4914	1.2980000	4.4000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3204953
4915	1.2980000	4.8000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3241976
4916	1.2980000	5.2000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3268332
4917	1.2980000	5.6000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3305982
4918	1.2980000	6.0000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3354300
4919	1.2980000	7.0000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3491725
4920	1.2980000	8.0000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3616599
4921	1.2980000	9.0000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3712608
4922	1.2980000	10.0000000	3.5000000	90.0000000	90.0000000	0.0000000	270.3786654
4923	1.2980000	0.8000000	4.0000000	90.0000000	90.0000000	0.0000000	376.2638611
4924	1.2980000	0.9000000	4.0000000	90.0000000	90.0000000	0.0000000	153.6443958
4925	1.2980000	1.0000000	4.0000000	90.0000000	90.0000000	0.0000000	62.9208330
4926	1.2980000	1.1000000	4.0000000	90.0000000	90.0000000	0.0000000	41.4263118
4927	1.2980000	1.2000000	4.0000000	90.0000000	90.0000000	0.0000000	54.6898540
4928	1.2980000	1.3000000	4.0000000	90.0000000	90.0000000	0.0000000	83.5249184
4929	1.2980000	1.4000000	4.0000000	90.0000000	90.0000000	0.0000000	117.2896971
4930	1.2980000	1.5000000	4.0000000	90.0000000	90.0000000	0.0000000	150.2918636
4931	1.2980000	1.6000000	4.0000000	90.0000000	90.0000000	0.0000000	179.7260741
4932	1.2980000	1.7000000	4.0000000	90.0000000	90.0000000	0.0000000	204.4454920
4933	1.2980000	1.8000000	4.0000000	90.0000000	90.0000000	0.0000000	224.2502558
4934	1.2980000	2.0000000	4.0000000	90.0000000	90.0000000	0.0000000	250.1936310
4935	1.2980000	2.2000000	4.0000000	90.0000000	90.0000000	0.0000000	262.1390895
4936	1.2980000	2.4000000	4.0000000	90.0000000	90.0000000	0.0000000	266.8603453
4937	1.2980000	2.6000000	4.0000000	90.0000000	90.0000000	0.0000000	268.7015209
4938	1.2980000	2.8000000	4.0000000	90.0000000	90.0000000	0.0000000	269.4817034
4939	1.2980000	3.0000000	4.0000000	90.0000000	90.0000000	0.0000000	269.8562010
4940	1.2980000	3.2000000	4.0000000	90.0000000	90.0000000	0.0000000	270.0554981
4941	1.2980000	3.4000000	4.0000000	90.0000000	90.0000000	0.0000000	270.1666928
4942	1.2980000	3.6000000	4.0000000	90.0000000	90.0000000	0.0000000	270.2295692
4943	1.2980000	3.8000000	4.0000000	90.0000000	90.0000000	0.0000000	270.2660275
4944	1.2980000	4.0000000	4.0000000	90.0000000	90.0000000	0.0000000	270.2885551
4945	1.2980000	4.4000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3142202
4946	1.2980000	4.8000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3282137
4947	1.2980000	5.2000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3376263
4948	1.2980000	5.6000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3452192
4949	1.2980000	6.0000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3516198
4950	1.2980000	7.0000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3636679
4951	1.2980000	8.0000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3725158
4952	1.2980000	9.0000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3792302
4953	1.2980000	10.0000000	4.0000000	90.0000000	90.0000000	0.0000000	270.3844385
4954	1.2980000	0.8000000	10.0000000	90.0000000	90.0000000	0.0000000	376.3046491
4955	1.2980000	0.9000000	10.0000000	90.0000000	90.0000000	0.0000000	153.6797873
4956	1.2980000	1.0000000	10.0000000	90.0000000	90.0000000	0.0000000	62.9598014
4957	1.2980000	1.1000000	10.0000000	90.0000000	90.0000000	0.0000000	41.4740025
4958	1.2980000	1.2000000	10.0000000	90.0000000	90.0000000	0.0000000	54.7490910
4959	1.2980000	1.3000000	10.0000000	90.0000000	90.0000000	0.0000000	83.5965172
4960	1.2980000	1.4000000	10.0000000	90.0000000	90.0000000	0.0000000	117.3727794
4961	1.2980000	1.5000000	10.0000000	90.0000000	90.0000000	0.0000000	150.3838565

4962	1.2980000	1.6000000	10.0000000	90.0000000	90.0000000	0.0000000	179.8235262
4963	1.2980000	1.7000000	10.0000000	90.0000000	90.0000000	0.0000000	204.5439482
4964	1.2980000	1.8000000	10.0000000	90.0000000	90.0000000	0.0000000	224.3461392
4965	1.2980000	2.0000000	10.0000000	90.0000000	90.0000000	0.0000000	250.2839924
4966	1.2980000	2.2000000	10.0000000	90.0000000	90.0000000	0.0000000	262.2263134
4967	1.2980000	2.4000000	10.0000000	90.0000000	90.0000000	0.0000000	266.9440550
4968	1.2980000	2.6000000	10.0000000	90.0000000	90.0000000	0.0000000	268.7818421
4969	1.2980000	2.8000000	10.0000000	90.0000000	90.0000000	0.0000000	269.5592008
4970	1.2980000	3.0000000	10.0000000	90.0000000	90.0000000	0.0000000	269.9313767
4971	1.2980000	3.2000000	10.0000000	90.0000000	90.0000000	0.0000000	270.1289166
4972	1.2980000	3.4000000	10.0000000	90.0000000	90.0000000	0.0000000	270.2385425
4973	1.2980000	3.6000000	10.0000000	90.0000000	90.0000000	0.0000000	270.2997248
4974	1.2980000	3.8000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3343633
4975	1.2980000	4.0000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3547573
4976	1.2980000	4.4000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3759671
4977	1.2980000	5.2000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3898978
4978	1.2980000	5.6000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3927216
4979	1.2980000	6.0000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3944159
4980	1.2980000	7.0000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3961102
4981	1.2980000	8.0000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3965494
4982	1.2980000	9.0000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3967377
4983	1.2980000	10.0000000	10.0000000	90.0000000	90.0000000	0.0000000	270.3968004
4984	1.0980000	0.8000000	1.0000000	120.0000000	60.0000000	0.0000000	1370.8351274
4985	1.0980000	0.9000000	1.0000000	120.0000000	60.0000000	0.0000000	1061.1482206
4986	1.0980000	1.0000000	1.0000000	120.0000000	60.0000000	0.0000000	884.6444892
4987	1.0980000	1.1000000	1.0000000	120.0000000	60.0000000	0.0000000	784.0430488
4988	1.0980000	1.2000000	1.0000000	120.0000000	60.0000000	0.0000000	726.8060272
4989	1.0980000	1.3000000	1.0000000	120.0000000	60.0000000	0.0000000	696.1914715
4990	1.0980000	1.4000000	1.0000000	120.0000000	60.0000000	0.0000000	681.2744418
4991	1.0980000	1.5000000	1.0000000	120.0000000	60.0000000	0.0000000	675.1252255
4992	1.0980000	1.6000000	1.0000000	120.0000000	60.0000000	0.0000000	673.1438016
4993	1.0980000	1.7000000	1.0000000	120.0000000	60.0000000	0.0000000	670.4466403
4994	1.0980000	1.8000000	1.0000000	120.0000000	60.0000000	0.0000000	654.1763864
4995	1.0980000	2.0000000	1.0000000	120.0000000	60.0000000	0.0000000	634.8029727
4996	1.0980000	2.2000000	1.0000000	120.0000000	60.0000000	0.0000000	616.8816786
4997	1.0980000	2.4000000	1.0000000	120.0000000	60.0000000	0.0000000	589.1901876
4998	1.0980000	2.6000000	1.0000000	120.0000000	60.0000000	0.0000000	549.2733686
4999	1.0980000	2.8000000	1.0000000	120.0000000	60.0000000	0.0000000	504.0220289
5000	1.0980000	3.0000000	1.0000000	120.0000000	60.0000000	0.0000000	454.2263911
5001	1.0980000	3.5000000	1.0000000	120.0000000	60.0000000	0.0000000	350.2446200
5002	1.0980000	4.0000000	1.0000000	120.0000000	60.0000000	0.0000000	321.5113377
5003	1.0980000	4.5000000	1.0000000	120.0000000	60.0000000	0.0000000	314.8735424
5004	1.0980000	5.0000000	1.0000000	120.0000000	60.0000000	0.0000000	295.3640847
5005	1.0980000	5.5000000	1.0000000	120.0000000	60.0000000	0.0000000	266.0165960
5006	1.0980000	6.0000000	1.0000000	120.0000000	60.0000000	0.0000000	247.1438094
5007	1.0980000	7.0000000	1.0000000	120.0000000	60.0000000	0.0000000	232.4627233
5008	1.0980000	8.0000000	1.0000000	120.0000000	60.0000000	0.0000000	229.3729294
5009	1.0980000	9.0000000	1.0000000	120.0000000	60.0000000	0.0000000	228.8564263
5010	1.0980000	10.0000000	1.0000000	120.0000000	60.0000000	0.0000000	228.7959971
5011	1.0980000	0.8000000	1.1000000	120.0000000	60.0000000	0.0000000	1149.9725004
5012	1.0980000	0.9000000	1.1000000	120.0000000	60.0000000	0.0000000	855.3717998
5013	1.0980000	1.0000000	1.1000000	120.0000000	60.0000000	0.0000000	691.6315484
5014	1.0980000	1.1000000	1.1000000	120.0000000	60.0000000	0.0000000	601.0441552
5015	1.0980000	1.2000000	1.1000000	120.0000000	60.0000000	0.0000000	550.3932847
5016	1.0980000	1.3000000	1.1000000	120.0000000	60.0000000	0.0000000	524.3612425
5017	1.0980000	1.4000000	1.1000000	120.0000000	60.0000000	0.0000000	512.5303671

5018	1.0980000	1.5000000	1.1000000	120.0000000	60.0000000	0.0000000	508.5793793
5019	1.0980000	1.6000000	1.1000000	120.0000000	60.0000000	0.0000000	508.6285132
5020	1.0980000	1.7000000	1.1000000	120.0000000	60.0000000	0.0000000	510.2262151
5021	1.0980000	1.8000000	1.1000000	120.0000000	60.0000000	0.0000000	509.8417400
5022	1.0980000	2.0000000	1.1000000	120.0000000	60.0000000	0.0000000	500.7505711
5023	1.0980000	2.2000000	1.1000000	120.0000000	60.0000000	0.0000000	492.5489595
5024	1.0980000	2.4000000	1.1000000	120.0000000	60.0000000	0.0000000	482.8940987
5025	1.0980000	2.6000000	1.1000000	120.0000000	60.0000000	0.0000000	466.1840861
5026	1.0980000	2.8000000	1.1000000	120.0000000	60.0000000	0.0000000	444.6578757
5027	1.0980000	3.0000000	1.1000000	120.0000000	60.0000000	0.0000000	399.6913625
5028	1.0980000	3.5000000	1.1000000	120.0000000	60.0000000	0.0000000	337.2807135
5029	1.0980000	4.0000000	1.1000000	120.0000000	60.0000000	0.0000000	314.2337966
5030	1.0980000	4.5000000	1.1000000	120.0000000	60.0000000	0.0000000	308.9581989
5031	1.0980000	5.0000000	1.1000000	120.0000000	60.0000000	0.0000000	291.9977474
5032	1.0980000	5.5000000	1.1000000	120.0000000	60.0000000	0.0000000	265.3391368
5033	1.0980000	6.0000000	1.1000000	120.0000000	60.0000000	0.0000000	247.2723234
5034	1.0980000	7.0000000	1.1000000	120.0000000	60.0000000	0.0000000	232.6362923
5035	1.0980000	8.0000000	1.1000000	120.0000000	60.0000000	0.0000000	229.4222516
5036	1.0980000	9.0000000	1.1000000	120.0000000	60.0000000	0.0000000	228.8667802
5037	1.0980000	10.0000000	1.1000000	120.0000000	60.0000000	0.0000000	228.7979424
5038	1.0980000	0.8000000	1.2000000	120.0000000	60.0000000	0.0000000	1018.6356459
5039	1.0980000	0.9000000	1.2000000	120.0000000	60.0000000	0.0000000	736.7069972
5040	1.0980000	1.0000000	1.2000000	120.0000000	60.0000000	0.0000000	583.5519522
5041	1.0980000	1.1000000	1.2000000	120.0000000	60.0000000	0.0000000	499.7977606
5042	1.0980000	1.2000000	1.2000000	120.0000000	60.0000000	0.0000000	455.5162369
5043	1.0980000	1.3000000	1.2000000	120.0000000	60.0000000	0.0000000	433.7255938
5044	1.0980000	1.4000000	1.2000000	120.0000000	60.0000000	0.0000000	424.8704939
5045	1.0980000	1.5000000	1.2000000	120.0000000	60.0000000	0.0000000	423.0692908
5046	1.0980000	1.6000000	1.2000000	120.0000000	60.0000000	0.0000000	424.8177831
5047	1.0980000	1.7000000	1.2000000	120.0000000	60.0000000	0.0000000	428.0400443
5048	1.0980000	1.8000000	1.2000000	120.0000000	60.0000000	0.0000000	431.4926014
5049	1.0980000	2.0000000	1.2000000	120.0000000	60.0000000	0.0000000	436.3638319
5050	1.0980000	2.2000000	1.2000000	120.0000000	60.0000000	0.0000000	428.1169770
5051	1.0980000	2.4000000	1.2000000	120.0000000	60.0000000	0.0000000	424.6543797
5052	1.0980000	2.6000000	1.2000000	120.0000000	60.0000000	0.0000000	416.6252704
5053	1.0980000	2.8000000	1.2000000	120.0000000	60.0000000	0.0000000	393.9588752
5054	1.0980000	3.0000000	1.2000000	120.0000000	60.0000000	0.0000000	370.3711079
5055	1.0980000	3.5000000	1.2000000	120.0000000	60.0000000	0.0000000	325.2213620
5056	1.0980000	4.0000000	1.2000000	120.0000000	60.0000000	0.0000000	308.1826600
5057	1.0980000	4.5000000	1.2000000	120.0000000	60.0000000	0.0000000	303.6350988
5058	1.0980000	5.0000000	1.2000000	120.0000000	60.0000000	0.0000000	288.2352005
5059	1.0980000	5.5000000	1.2000000	120.0000000	60.0000000	0.0000000	264.1754832
5060	1.0980000	6.0000000	1.2000000	120.0000000	60.0000000	0.0000000	247.1456292
5061	1.0980000	7.0000000	1.2000000	120.0000000	60.0000000	0.0000000	232.7676928
5062	1.0980000	8.0000000	1.2000000	120.0000000	60.0000000	0.0000000	229.4673695
5063	1.0980000	9.0000000	1.2000000	120.0000000	60.0000000	0.0000000	228.8770086
5064	1.0980000	10.0000000	1.2000000	120.0000000	60.0000000	0.0000000	228.7999504
5065	1.0980000	0.8000000	1.3000000	120.0000000	60.0000000	0.0000000	936.4894475
5066	1.0980000	0.9000000	1.3000000	120.0000000	60.0000000	0.0000000	665.0644916
5067	1.0980000	1.0000000	1.3000000	120.0000000	60.0000000	0.0000000	520.3450564
5068	1.0980000	1.1000000	1.3000000	120.0000000	60.0000000	0.0000000	444.2343696
5069	1.0980000	1.2000000	1.3000000	120.0000000	60.0000000	0.0000000	405.3553258
5070	1.0980000	1.3000000	1.3000000	120.0000000	60.0000000	0.0000000	387.2108894
5071	1.0980000	1.4000000	1.3000000	120.0000000	60.0000000	0.0000000	380.8501396
5072	1.0980000	1.5000000	1.3000000	120.0000000	60.0000000	0.0000000	380.8415427
5073	1.0980000	1.6000000	1.3000000	120.0000000	60.0000000	0.0000000	383.9926443

5074	1.0980000	1.7000000	1.3000000	120.0000000	60.0000000	0.0000000	388.4350976
5075	1.0980000	1.8000000	1.3000000	120.0000000	60.0000000	0.0000000	393.0459745
5076	1.0980000	2.0000000	1.3000000	120.0000000	60.0000000	0.0000000	393.6462500
5077	1.0980000	2.2000000	1.3000000	120.0000000	60.0000000	0.0000000	381.4812886
5078	1.0980000	2.4000000	1.3000000	120.0000000	60.0000000	0.0000000	378.3758069
5079	1.0980000	2.6000000	1.3000000	120.0000000	60.0000000	0.0000000	379.7715763
5080	1.0980000	2.8000000	1.3000000	120.0000000	60.0000000	0.0000000	368.4546312
5081	1.0980000	3.0000000	1.3000000	120.0000000	60.0000000	0.0000000	350.2794468
5082	1.0980000	3.5000000	1.3000000	120.0000000	60.0000000	0.0000000	316.3187595
5083	1.0980000	4.0000000	1.3000000	120.0000000	60.0000000	0.0000000	303.4074384
5084	1.0980000	4.5000000	1.3000000	120.0000000	60.0000000	0.0000000	298.7627388
5085	1.0980000	5.0000000	1.3000000	120.0000000	60.0000000	0.0000000	284.1933493
5086	1.0980000	5.5000000	1.3000000	120.0000000	60.0000000	0.0000000	262.5735771
5087	1.0980000	6.0000000	1.3000000	120.0000000	60.0000000	0.0000000	246.7608404
5088	1.0980000	7.0000000	1.3000000	120.0000000	60.0000000	0.0000000	232.8494573
5089	1.0980000	8.0000000	1.3000000	120.0000000	60.0000000	0.0000000	229.5063379
5090	1.0980000	9.0000000	1.3000000	120.0000000	60.0000000	0.0000000	228.8867978
5091	1.0980000	10.0000000	1.3000000	120.0000000	60.0000000	0.0000000	228.8019584
5092	1.0980000	0.8000000	1.4000000	120.0000000	60.0000000	0.0000000	867.6475794
5093	1.0980000	0.9000000	1.4000000	120.0000000	60.0000000	0.0000000	621.1515668
5094	1.0980000	1.0000000	1.4000000	120.0000000	60.0000000	0.0000000	484.5073628
5095	1.0980000	1.1000000	1.4000000	120.0000000	60.0000000	0.0000000	413.8593342
5096	1.0980000	1.2000000	1.4000000	120.0000000	60.0000000	0.0000000	379.3414185
5097	1.0980000	1.3000000	1.4000000	120.0000000	60.0000000	0.0000000	364.1145246
5098	1.0980000	1.4000000	1.4000000	120.0000000	60.0000000	0.0000000	359.5770036
5099	1.0980000	1.5000000	1.4000000	120.0000000	60.0000000	0.0000000	360.7659458
5100	1.0980000	1.6000000	1.4000000	120.0000000	60.0000000	0.0000000	364.8129427
5101	1.0980000	1.7000000	1.4000000	120.0000000	60.0000000	0.0000000	370.0261031
5102	1.0980000	1.8000000	1.4000000	120.0000000	60.0000000	0.0000000	375.3807043
5103	1.0980000	2.0000000	1.4000000	120.0000000	60.0000000	0.0000000	378.8781283
5104	1.0980000	2.2000000	1.4000000	120.0000000	60.0000000	0.0000000	366.6976674
5105	1.0980000	2.4000000	1.4000000	120.0000000	60.0000000	0.0000000	362.1557539
5106	1.0980000	2.6000000	1.4000000	120.0000000	60.0000000	0.0000000	368.8231047
5107	1.0980000	2.8000000	1.4000000	120.0000000	60.0000000	0.0000000	352.9373259
5108	1.0980000	3.0000000	1.4000000	120.0000000	60.0000000	0.0000000	337.6813156
5109	1.0980000	3.5000000	1.4000000	120.0000000	60.0000000	0.0000000	310.3704089
5110	1.0980000	4.0000000	1.4000000	120.0000000	60.0000000	0.0000000	299.6603911
5111	1.0980000	4.5000000	1.4000000	120.0000000	60.0000000	0.0000000	294.1375547
5112	1.0980000	5.0000000	1.4000000	120.0000000	60.0000000	0.0000000	279.9479967
5113	1.0980000	5.5000000	1.4000000	120.0000000	60.0000000	0.0000000	260.6025699
5114	1.0980000	6.0000000	1.4000000	120.0000000	60.0000000	0.0000000	246.1310718
5115	1.0980000	7.0000000	1.4000000	120.0000000	60.0000000	0.0000000	232.8763775
5116	1.0980000	8.0000000	1.4000000	120.0000000	60.0000000	0.0000000	229.5375878
5117	1.0980000	9.0000000	1.4000000	120.0000000	60.0000000	0.0000000	228.8957711
5118	1.0980000	10.0000000	1.4000000	120.0000000	60.0000000	0.0000000	228.8039665
5119	1.0980000	0.8000000	1.5000000	120.0000000	60.0000000	0.0000000	761.7508376
5120	1.0980000	0.9000000	1.5000000	120.0000000	60.0000000	0.0000000	527.7014754
5121	1.0980000	1.0000000	1.5000000	120.0000000	60.0000000	0.0000000	416.5577505
5122	1.0980000	1.1000000	1.5000000	120.0000000	60.0000000	0.0000000	368.5730422
5123	1.0980000	1.2000000	1.5000000	120.0000000	60.0000000	0.0000000	352.6152881
5124	1.0980000	1.3000000	1.5000000	120.0000000	60.0000000	0.0000000	351.2762455
5125	1.0980000	1.4000000	1.5000000	120.0000000	60.0000000	0.0000000	355.5633276
5126	1.0980000	1.5000000	1.5000000	120.0000000	60.0000000	0.0000000	361.2431041
5127	1.0980000	1.6000000	1.5000000	120.0000000	60.0000000	0.0000000	366.4435888
5128	1.0980000	1.7000000	1.5000000	120.0000000	60.0000000	0.0000000	370.4133392
5129	1.0980000	1.8000000	1.5000000	120.0000000	60.0000000	0.0000000	372.9694363

5130	1.0980000	2.0000000	1.5000000	120.0000000	60.0000000	0.0000000	376.2836903
5131	1.0980000	2.2000000	1.5000000	120.0000000	60.0000000	0.0000000	371.4156602
5132	1.0980000	2.4000000	1.5000000	120.0000000	60.0000000	0.0000000	368.7921685
5133	1.0980000	2.6000000	1.5000000	120.0000000	60.0000000	0.0000000	357.1543778
5134	1.0980000	2.8000000	1.5000000	120.0000000	60.0000000	0.0000000	343.1567122
5135	1.0980000	3.0000000	1.5000000	120.0000000	60.0000000	0.0000000	329.8378236
5136	1.0980000	3.5000000	1.5000000	120.0000000	60.0000000	0.0000000	306.5254074
5137	1.0980000	4.0000000	1.5000000	120.0000000	60.0000000	0.0000000	296.4793573
5138	1.0980000	4.5000000	1.5000000	120.0000000	60.0000000	0.0000000	289.5219715
5139	1.0980000	5.0000000	1.5000000	120.0000000	60.0000000	0.0000000	275.5556813
5140	1.0980000	5.5000000	1.5000000	120.0000000	60.0000000	0.0000000	258.3435357
5141	1.0980000	6.0000000	1.5000000	120.0000000	60.0000000	0.0000000	245.2831811
5142	1.0980000	7.0000000	1.5000000	120.0000000	60.0000000	0.0000000	232.8464453
5143	1.0980000	8.0000000	1.5000000	120.0000000	60.0000000	0.0000000	229.5597389
5144	1.0980000	9.0000000	1.5000000	120.0000000	60.0000000	0.0000000	228.9038033
5145	1.0980000	10.0000000	1.5000000	120.0000000	60.0000000	0.0000000	228.8059118
5146	1.0980000	0.8000000	1.6000000	120.0000000	60.0000000	0.0000000	666.9853608
5147	1.0980000	0.9000000	1.6000000	120.0000000	60.0000000	0.0000000	442.6426290
5148	1.0980000	1.0000000	1.6000000	120.0000000	60.0000000	0.0000000	339.5143335
5149	1.0980000	1.1000000	1.6000000	120.0000000	60.0000000	0.0000000	302.8286236
5150	1.0980000	1.2000000	1.6000000	120.0000000	60.0000000	0.0000000	297.0424215
5151	1.0980000	1.3000000	1.6000000	120.0000000	60.0000000	0.0000000	304.8679667
5152	1.0980000	1.4000000	1.6000000	120.0000000	60.0000000	0.0000000	317.0752222
5153	1.0980000	1.5000000	1.6000000	120.0000000	60.0000000	0.0000000	328.7298929
5154	1.0980000	1.6000000	1.6000000	120.0000000	60.0000000	0.0000000	338.2465133
5155	1.0980000	1.7000000	1.6000000	120.0000000	60.0000000	0.0000000	345.6007362
5156	1.0980000	1.8000000	1.6000000	120.0000000	60.0000000	0.0000000	351.1233842
5157	1.0980000	2.0000000	1.6000000	120.0000000	60.0000000	0.0000000	357.8058582
5158	1.0980000	2.2000000	1.6000000	120.0000000	60.0000000	0.0000000	359.6026687
5159	1.0980000	2.4000000	1.6000000	120.0000000	60.0000000	0.0000000	358.4562090
5160	1.0980000	2.6000000	1.6000000	120.0000000	60.0000000	0.0000000	348.6602214
5161	1.0980000	2.8000000	1.6000000	120.0000000	60.0000000	0.0000000	336.1700217
5162	1.0980000	3.0000000	1.6000000	120.0000000	60.0000000	0.0000000	324.4186519
5163	1.0980000	3.5000000	1.6000000	120.0000000	60.0000000	0.0000000	303.6577519
5164	1.0980000	4.0000000	1.6000000	120.0000000	60.0000000	0.0000000	293.2734113
5165	1.0980000	4.5000000	1.6000000	120.0000000	60.0000000	0.0000000	284.6972394
5166	1.0980000	5.0000000	1.6000000	120.0000000	60.0000000	0.0000000	271.0721262
5167	1.0980000	5.5000000	1.6000000	120.0000000	60.0000000	0.0000000	255.8817533
5168	1.0980000	6.0000000	1.6000000	120.0000000	60.0000000	0.0000000	244.2541283
5169	1.0980000	7.0000000	1.6000000	120.0000000	60.0000000	0.0000000	232.7604137
5170	1.0980000	8.0000000	1.6000000	120.0000000	60.0000000	0.0000000	229.5718498
5171	1.0980000	9.0000000	1.6000000	120.0000000	60.0000000	0.0000000	228.9105176
5172	1.0980000	10.0000000	1.6000000	120.0000000	60.0000000	0.0000000	228.8077943
5173	1.0980000	0.8000000	1.7000000	120.0000000	60.0000000	0.0000000	586.9127674
5174	1.0980000	0.9000000	1.7000000	120.0000000	60.0000000	0.0000000	366.6074943
5175	1.0980000	1.0000000	1.7000000	120.0000000	60.0000000	0.0000000	269.5442033
5176	1.0980000	1.1000000	1.7000000	120.0000000	60.0000000	0.0000000	240.6176482
5177	1.0980000	1.2000000	1.7000000	120.0000000	60.0000000	0.0000000	243.3892319
5178	1.0980000	1.3000000	1.7000000	120.0000000	60.0000000	0.0000000	259.7874350
5179	1.0980000	1.4000000	1.7000000	120.0000000	60.0000000	0.0000000	280.0819700
5180	1.0980000	1.5000000	1.7000000	120.0000000	60.0000000	0.0000000	299.1772715
5181	1.0980000	1.6000000	1.7000000	120.0000000	60.0000000	0.0000000	315.1483917
5182	1.0980000	1.7000000	1.7000000	120.0000000	60.0000000	0.0000000	327.1249747
5183	1.0980000	1.8000000	1.7000000	120.0000000	60.0000000	0.0000000	335.5180394
5184	1.0980000	2.0000000	1.7000000	120.0000000	60.0000000	0.0000000	345.8501084
5185	1.0980000	2.2000000	1.7000000	120.0000000	60.0000000	0.0000000	351.3470286

5186	1.0980000	2.4000000	1.7000000	120.0000000	60.0000000	0.0000000	350.3244392
5187	1.0980000	2.6000000	1.7000000	120.0000000	60.0000000	0.0000000	340.7234815
5188	1.0980000	2.8000000	1.7000000	120.0000000	60.0000000	0.0000000	329.6790637
5189	1.0980000	3.0000000	1.7000000	120.0000000	60.0000000	0.0000000	319.4222332
5190	1.0980000	3.5000000	1.7000000	120.0000000	60.0000000	0.0000000	300.5633771
5191	1.0980000	4.0000000	1.7000000	120.0000000	60.0000000	0.0000000	289.4540121
5192	1.0980000	4.5000000	1.7000000	120.0000000	60.0000000	0.0000000	279.5324598
5193	1.0980000	5.0000000	1.7000000	120.0000000	60.0000000	0.0000000	266.5649139
5194	1.0980000	5.5000000	1.7000000	120.0000000	60.0000000	0.0000000	253.3018108
5195	1.0980000	6.0000000	1.7000000	120.0000000	60.0000000	0.0000000	243.0870861
5196	1.0980000	7.0000000	1.7000000	120.0000000	60.0000000	0.0000000	232.6217341
5197	1.0980000	8.0000000	1.7000000	120.0000000	60.0000000	0.0000000	229.5734186
5198	1.0980000	9.0000000	1.7000000	120.0000000	60.0000000	0.0000000	228.9157259
5199	1.0980000	10.0000000	1.7000000	120.0000000	60.0000000	0.0000000	228.8095513
5200	1.0980000	0.8000000	1.8000000	120.0000000	60.0000000	0.0000000	523.1842858
5201	1.0980000	0.9000000	1.8000000	120.0000000	60.0000000	0.0000000	304.6136371
5202	1.0980000	1.0000000	1.8000000	120.0000000	60.0000000	0.0000000	210.7599316
5203	1.0980000	1.1000000	1.8000000	120.0000000	60.0000000	0.0000000	186.2024111
5204	1.0980000	1.2000000	1.8000000	120.0000000	60.0000000	0.0000000	194.1373311
5205	1.0980000	1.3000000	1.8000000	120.0000000	60.0000000	0.0000000	216.0777606
5206	1.0980000	1.4000000	1.8000000	120.0000000	60.0000000	0.0000000	242.2476040
5207	1.0980000	1.5000000	1.8000000	120.0000000	60.0000000	0.0000000	267.7346542
5208	1.0980000	1.6000000	1.8000000	120.0000000	60.0000000	0.0000000	290.2392148
5209	1.0980000	1.7000000	1.8000000	120.0000000	60.0000000	0.0000000	308.7432769
5210	1.0980000	1.8000000	1.8000000	120.0000000	60.0000000	0.0000000	322.7110103
5211	1.0980000	2.0000000	1.8000000	120.0000000	60.0000000	0.0000000	344.1641160
5212	1.0980000	2.2000000	1.8000000	120.0000000	60.0000000	0.0000000	344.6530085
5213	1.0980000	2.4000000	1.8000000	120.0000000	60.0000000	0.0000000	339.1432872
5214	1.0980000	2.6000000	1.8000000	120.0000000	60.0000000	0.0000000	330.7434453
5215	1.0980000	2.8000000	1.8000000	120.0000000	60.0000000	0.0000000	321.6724194
5216	1.0980000	3.0000000	1.8000000	120.0000000	60.0000000	0.0000000	313.0965611
5217	1.0980000	3.5000000	1.8000000	120.0000000	60.0000000	0.0000000	296.1836120
5218	1.0980000	4.0000000	1.8000000	120.0000000	60.0000000	0.0000000	284.6162907
5219	1.0980000	4.5000000	1.8000000	120.0000000	60.0000000	0.0000000	274.0423168
5220	1.0980000	5.0000000	1.8000000	120.0000000	60.0000000	0.0000000	262.1146794
5221	1.0980000	5.5000000	1.8000000	120.0000000	60.0000000	0.0000000	250.6832766
5222	1.0980000	6.0000000	1.8000000	120.0000000	60.0000000	0.0000000	241.8278629
5223	1.0980000	7.0000000	1.8000000	120.0000000	60.0000000	0.0000000	232.4364306
5224	1.0980000	8.0000000	1.8000000	120.0000000	60.0000000	0.0000000	229.5643197
5225	1.0980000	9.0000000	1.8000000	120.0000000	60.0000000	0.0000000	228.9192400
5226	1.0980000	10.0000000	1.8000000	120.0000000	60.0000000	0.0000000	228.8111828
5227	1.0980000	0.8000000	1.9000000	120.0000000	60.0000000	0.0000000	474.0234993
5228	1.0980000	0.9000000	1.9000000	120.0000000	60.0000000	0.0000000	253.2856211
5229	1.0980000	1.0000000	1.9000000	120.0000000	60.0000000	0.0000000	163.6926422
5230	1.0980000	1.1000000	1.9000000	120.0000000	60.0000000	0.0000000	141.4557773
5231	1.0980000	1.2000000	1.9000000	120.0000000	60.0000000	0.0000000	152.3409331
5232	1.0980000	1.3000000	1.9000000	120.0000000	60.0000000	0.0000000	177.5368817
5233	1.0980000	1.4000000	1.9000000	120.0000000	60.0000000	0.0000000	206.9512628
5234	1.0980000	1.5000000	1.9000000	120.0000000	60.0000000	0.0000000	235.5410965
5235	1.0980000	1.6000000	1.9000000	120.0000000	60.0000000	0.0000000	261.1481894
5236	1.0980000	1.7000000	1.9000000	120.0000000	60.0000000	0.0000000	283.2768717
5237	1.0980000	1.8000000	1.9000000	120.0000000	60.0000000	0.0000000	301.9796660
5238	1.0980000	2.0000000	1.9000000	120.0000000	60.0000000	0.0000000	321.7703736
5239	1.0980000	2.2000000	1.9000000	120.0000000	60.0000000	0.0000000	325.3921700
5240	1.0980000	2.4000000	1.9000000	120.0000000	60.0000000	0.0000000	322.8397125
5241	1.0980000	2.6000000	1.9000000	120.0000000	60.0000000	0.0000000	317.4288866

5242	1.0980000	2.8000000	1.9000000	120.0000000	60.0000000	0.0000000	310.9398739
5243	1.0980000	3.0000000	1.9000000	120.0000000	60.0000000	0.0000000	304.3534089
5244	1.0980000	3.5000000	1.9000000	120.0000000	60.0000000	0.0000000	289.9587180
5245	1.0980000	4.0000000	1.9000000	120.0000000	60.0000000	0.0000000	278.7175761
5246	1.0980000	4.5000000	1.9000000	120.0000000	60.0000000	0.0000000	268.3850678
5247	1.0980000	5.0000000	1.9000000	120.0000000	60.0000000	0.0000000	257.8091486
5248	1.0980000	5.5000000	1.9000000	120.0000000	60.0000000	0.0000000	248.0980630
5249	1.0980000	6.0000000	1.9000000	120.0000000	60.0000000	0.0000000	240.5213882
5250	1.0980000	7.0000000	1.9000000	120.0000000	60.0000000	0.0000000	232.2121587
5251	1.0980000	8.0000000	1.9000000	120.0000000	60.0000000	0.0000000	229.5449297
5252	1.0980000	9.0000000	1.9000000	120.0000000	60.0000000	0.0000000	228.9210598
5253	1.0980000	10.0000000	1.9000000	120.0000000	60.0000000	0.0000000	228.8125633
5254	1.0980000	0.8000000	2.0000000	120.0000000	60.0000000	0.0000000	436.8709224
5255	1.0980000	0.9000000	2.0000000	120.0000000	60.0000000	0.0000000	216.1086340
5256	1.0980000	1.0000000	2.0000000	120.0000000	60.0000000	0.0000000	127.1094674
5257	1.0980000	1.1000000	2.0000000	120.0000000	60.0000000	0.0000000	106.0218860
5258	1.0980000	1.2000000	2.0000000	120.0000000	60.0000000	0.0000000	118.5233807
5259	1.0980000	1.3000000	2.0000000	120.0000000	60.0000000	0.0000000	145.6265190
5260	1.0980000	1.4000000	2.0000000	120.0000000	60.0000000	0.0000000	176.9858029
5261	1.0980000	1.5000000	2.0000000	120.0000000	60.0000000	0.0000000	207.2963931
5262	1.0980000	1.6000000	2.0000000	120.0000000	60.0000000	0.0000000	234.1817227
5263	1.0980000	1.7000000	2.0000000	120.0000000	60.0000000	0.0000000	256.8744105
5264	1.0980000	1.8000000	2.0000000	120.0000000	60.0000000	0.0000000	275.1132872
5265	1.0980000	2.0000000	2.0000000	120.0000000	60.0000000	0.0000000	296.7111592
5266	1.0980000	2.2000000	2.0000000	120.0000000	60.0000000	0.0000000	304.0431055
5267	1.0980000	2.4000000	2.0000000	120.0000000	60.0000000	0.0000000	304.6312073
5268	1.0980000	2.6000000	2.0000000	120.0000000	60.0000000	0.0000000	302.0624346
5269	1.0980000	2.8000000	2.0000000	120.0000000	60.0000000	0.0000000	298.0552218
5270	1.0980000	3.0000000	2.0000000	120.0000000	60.0000000	0.0000000	293.4883961
5271	1.0980000	3.5000000	2.0000000	120.0000000	60.0000000	0.0000000	282.1411423
5272	1.0980000	4.0000000	2.0000000	120.0000000	60.0000000	0.0000000	272.1186237
5273	1.0980000	4.5000000	2.0000000	120.0000000	60.0000000	0.0000000	262.7917621
5274	1.0980000	5.0000000	2.0000000	120.0000000	60.0000000	0.0000000	253.7325962
5275	1.0980000	5.5000000	2.0000000	120.0000000	60.0000000	0.0000000	245.6076662
5276	1.0980000	6.0000000	2.0000000	120.0000000	60.0000000	0.0000000	239.2090776
5277	1.0980000	7.0000000	2.0000000	120.0000000	60.0000000	0.0000000	231.9578291
5278	1.0980000	8.0000000	2.0000000	120.0000000	60.0000000	0.0000000	229.5161270
5279	1.0980000	9.0000000	2.0000000	120.0000000	60.0000000	0.0000000	228.9210598
5280	1.0980000	10.0000000	2.0000000	120.0000000	60.0000000	0.0000000	228.8136929
5281	1.0980000	0.8000000	2.2000000	120.0000000	60.0000000	0.0000000	388.7786590
5282	1.0980000	0.9000000	2.2000000	120.0000000	60.0000000	0.0000000	167.2753449
5283	1.0980000	1.0000000	2.2000000	120.0000000	60.0000000	0.0000000	78.2777469
5284	1.0980000	1.1000000	2.2000000	120.0000000	60.0000000	0.0000000	57.8382573
5285	1.0980000	1.2000000	2.2000000	120.0000000	60.0000000	0.0000000	71.5578107
5286	1.0980000	1.3000000	2.2000000	120.0000000	60.0000000	0.0000000	100.3167582
5287	1.0980000	1.4000000	2.2000000	120.0000000	60.0000000	0.0000000	133.5546172
5288	1.0980000	1.5000000	2.2000000	120.0000000	60.0000000	0.0000000	165.6878086
5289	1.0980000	1.6000000	2.2000000	120.0000000	60.0000000	0.0000000	194.0598337
5290	1.0980000	1.7000000	2.2000000	120.0000000	60.0000000	0.0000000	217.7055201
5291	1.0980000	1.8000000	2.2000000	120.0000000	60.0000000	0.0000000	236.4863140
5292	1.0980000	2.0000000	2.2000000	120.0000000	60.0000000	0.0000000	260.0932832
5293	1.0980000	2.2000000	2.2000000	120.0000000	60.0000000	0.0000000	270.2051591
5294	1.0980000	2.4000000	2.2000000	120.0000000	60.0000000	0.0000000	273.5992951
5295	1.0980000	2.6000000	2.2000000	120.0000000	60.0000000	0.0000000	273.9867822
5296	1.0980000	2.8000000	2.2000000	120.0000000	60.0000000	0.0000000	272.9714718
5297	1.0980000	3.0000000	2.2000000	120.0000000	60.0000000	0.0000000	271.2255523

5298	1.0980000	3.5000000	2.2000000	120.0000000	60.0000000	0.0000000	265.4237251
5299	1.0980000	4.0000000	2.2000000	120.0000000	60.0000000	0.0000000	259.0081310
5300	1.0980000	4.5000000	2.2000000	120.0000000	60.0000000	0.0000000	252.6254811
5301	1.0980000	5.0000000	2.2000000	120.0000000	60.0000000	0.0000000	246.5298541
5302	1.0980000	5.5000000	2.2000000	120.0000000	60.0000000	0.0000000	241.0963751
5303	1.0980000	6.0000000	2.2000000	120.0000000	60.0000000	0.0000000	236.7040598
5304	1.0980000	7.0000000	2.2000000	120.0000000	60.0000000	0.0000000	231.3970867
5305	1.0980000	8.0000000	2.2000000	120.0000000	60.0000000	0.0000000	229.4352410
5306	1.0980000	9.0000000	2.2000000	120.0000000	60.0000000	0.0000000	228.9159142
5307	1.0980000	10.0000000	2.2000000	120.0000000	60.0000000	0.0000000	228.8152616
5308	1.0980000	0.8000000	2.4000000	120.0000000	60.0000000	0.0000000	363.0037701
5309	1.0980000	0.9000000	2.4000000	120.0000000	60.0000000	0.0000000	140.6516238
5310	1.0980000	1.0000000	2.4000000	120.0000000	60.0000000	0.0000000	51.1933713
5311	1.0980000	1.1000000	2.4000000	120.0000000	60.0000000	0.0000000	30.6162060
5312	1.0980000	1.2000000	2.4000000	120.0000000	60.0000000	0.0000000	44.4869892
5313	1.0980000	1.3000000	2.4000000	120.0000000	60.0000000	0.0000000	73.6462877
5314	1.0980000	1.4000000	2.4000000	120.0000000	60.0000000	0.0000000	107.4763275
5315	1.0980000	1.5000000	2.4000000	120.0000000	60.0000000	0.0000000	140.3127687
5316	1.0980000	1.6000000	2.4000000	120.0000000	60.0000000	0.0000000	169.3987742
5317	1.0980000	1.7000000	2.4000000	120.0000000	60.0000000	0.0000000	193.6739154
5318	1.0980000	1.8000000	2.4000000	120.0000000	60.0000000	0.0000000	212.9948066
5319	1.0980000	2.0000000	2.4000000	120.0000000	60.0000000	0.0000000	237.7479846
5320	1.0980000	2.2000000	2.4000000	120.0000000	60.0000000	0.0000000	248.8666994
5321	1.0980000	2.4000000	2.4000000	120.0000000	60.0000000	0.0000000	253.1666453
5322	1.0980000	2.6000000	2.4000000	120.0000000	60.0000000	0.0000000	254.5803614
5323	1.0980000	2.8000000	2.4000000	120.0000000	60.0000000	0.0000000	254.7533030
5324	1.0980000	3.0000000	2.4000000	120.0000000	60.0000000	0.0000000	254.3073948
5325	1.0980000	3.5000000	2.4000000	120.0000000	60.0000000	0.0000000	251.8151782
5326	1.0980000	4.0000000	2.4000000	120.0000000	60.0000000	0.0000000	248.3582285
5327	1.0980000	4.5000000	2.4000000	120.0000000	60.0000000	0.0000000	244.5749111
5328	1.0980000	5.0000000	2.4000000	120.0000000	60.0000000	0.0000000	240.8220279
5329	1.0980000	5.5000000	2.4000000	120.0000000	60.0000000	0.0000000	237.3899904
5330	1.0980000	6.0000000	2.4000000	120.0000000	60.0000000	0.0000000	234.5184442
5331	1.0980000	7.0000000	2.4000000	120.0000000	60.0000000	0.0000000	230.8261786
5332	1.0980000	8.0000000	2.4000000	120.0000000	60.0000000	0.0000000	229.3338982
5333	1.0980000	9.0000000	2.4000000	120.0000000	60.0000000	0.0000000	228.9049328
5334	1.0980000	10.0000000	2.4000000	120.0000000	60.0000000	0.0000000	228.8157636
5335	1.0980000	0.8000000	2.6000000	120.0000000	60.0000000	0.0000000	349.5433781
5336	1.0980000	0.9000000	2.6000000	120.0000000	60.0000000	0.0000000	126.5341667
5337	1.0980000	1.0000000	2.6000000	120.0000000	60.0000000	0.0000000	36.6275586
5338	1.0980000	1.1000000	2.6000000	120.0000000	60.0000000	0.0000000	15.7705242
5339	1.0980000	1.2000000	2.6000000	120.0000000	60.0000000	0.0000000	29.5126052
5340	1.0980000	1.3000000	2.6000000	120.0000000	60.0000000	0.0000000	58.6791200
5341	1.0980000	1.4000000	2.6000000	120.0000000	60.0000000	0.0000000	92.6354147
5342	1.0980000	1.5000000	2.6000000	120.0000000	60.0000000	0.0000000	125.6943707
5343	1.0980000	1.6000000	2.6000000	120.0000000	60.0000000	0.0000000	155.0658302
5344	1.0980000	1.7000000	2.6000000	120.0000000	60.0000000	0.0000000	179.6454391
5345	1.0980000	1.8000000	2.6000000	120.0000000	60.0000000	0.0000000	199.2674093
5346	1.0980000	2.0000000	2.6000000	120.0000000	60.0000000	0.0000000	224.6575722
5347	1.0980000	2.2000000	2.6000000	120.0000000	60.0000000	0.0000000	236.2398910
5348	1.0980000	2.4000000	2.6000000	120.0000000	60.0000000	0.0000000	240.8680871
5349	1.0980000	2.6000000	2.6000000	120.0000000	60.0000000	0.0000000	242.6420564
5350	1.0980000	2.8000000	2.6000000	120.0000000	60.0000000	0.0000000	243.2665539
5351	1.0980000	3.0000000	2.6000000	120.0000000	60.0000000	0.0000000	243.3647591
5352	1.0980000	3.5000000	2.6000000	120.0000000	60.0000000	0.0000000	242.5073929
5353	1.0980000	4.0000000	2.6000000	120.0000000	60.0000000	0.0000000	240.8242242

5354	1.0980000	4.5000000	2.6000000	120.0000000	60.0000000	0.0000000	238.7666207
5355	1.0980000	5.0000000	2.6000000	120.0000000	60.0000000	0.0000000	236.6031562
5356	1.0980000	5.5000000	2.6000000	120.0000000	60.0000000	0.0000000	234.5424779
5357	1.0980000	6.0000000	2.6000000	120.0000000	60.0000000	0.0000000	232.7494323
5358	1.0980000	7.0000000	2.6000000	120.0000000	60.0000000	0.0000000	230.3018317
5359	1.0980000	8.0000000	2.6000000	120.0000000	60.0000000	0.0000000	229.2254018
5360	1.0980000	9.0000000	2.6000000	120.0000000	60.0000000	0.0000000	228.8898098
5361	1.0980000	10.0000000	2.6000000	120.0000000	60.0000000	0.0000000	228.8153244
5362	1.0980000	0.8000000	2.8000000	120.0000000	60.0000000	0.0000000	342.6531986
5363	1.0980000	0.9000000	2.8000000	120.0000000	60.0000000	0.0000000	119.2039147
5364	1.0980000	1.0000000	2.8000000	120.0000000	60.0000000	0.0000000	28.9703115
5365	1.0980000	1.1000000	2.8000000	120.0000000	60.0000000	0.0000000	7.8753254
5366	1.0980000	1.2000000	2.8000000	120.0000000	60.0000000	0.0000000	21.4590858
5367	1.0980000	1.3000000	2.8000000	120.0000000	60.0000000	0.0000000	50.5406359
5368	1.0980000	1.4000000	2.8000000	120.0000000	60.0000000	0.0000000	84.4794858
5369	1.0980000	1.5000000	2.8000000	120.0000000	60.0000000	0.0000000	117.5820538
5370	1.0980000	1.6000000	2.8000000	120.0000000	60.0000000	0.0000000	147.0466357
5371	1.0980000	1.7000000	2.8000000	120.0000000	60.0000000	0.0000000	171.7492363
5372	1.0980000	1.8000000	2.8000000	120.0000000	60.0000000	0.0000000	191.5095097
5373	1.0980000	2.0000000	2.8000000	120.0000000	60.0000000	0.0000000	217.2221497
5374	1.0980000	2.2000000	2.8000000	120.0000000	60.0000000	0.0000000	229.0210848
5375	1.0980000	2.4000000	2.8000000	120.0000000	60.0000000	0.0000000	233.7618561
5376	1.0980000	2.6000000	2.8000000	120.0000000	60.0000000	0.0000000	235.6491536
5377	1.0980000	2.8000000	2.8000000	120.0000000	60.0000000	0.0000000	236.4321599
5378	1.0980000	3.0000000	2.8000000	120.0000000	60.0000000	0.0000000	236.7439694
5379	1.0980000	3.5000000	2.8000000	120.0000000	60.0000000	0.0000000	236.6320844
5380	1.0980000	4.0000000	2.8000000	120.0000000	60.0000000	0.0000000	235.8901173
5381	1.0980000	4.5000000	2.8000000	120.0000000	60.0000000	0.0000000	234.8417372
5382	1.0980000	5.0000000	2.8000000	120.0000000	60.0000000	0.0000000	233.6593211
5383	1.0980000	5.5000000	2.8000000	120.0000000	60.0000000	0.0000000	232.4779090
5384	1.0980000	6.0000000	2.8000000	120.0000000	60.0000000	0.0000000	231.4070013
5385	1.0980000	7.0000000	2.8000000	120.0000000	60.0000000	0.0000000	229.8591237
5386	1.0980000	8.0000000	2.8000000	120.0000000	60.0000000	0.0000000	229.1215491
5387	1.0980000	9.0000000	2.8000000	120.0000000	60.0000000	0.0000000	228.8726788
5388	1.0980000	10.0000000	2.8000000	120.0000000	60.0000000	0.0000000	228.8141321
5389	1.0980000	0.8000000	3.0000000	120.0000000	60.0000000	0.0000000	339.1911661
5390	1.0980000	0.9000000	3.0000000	120.0000000	60.0000000	0.0000000	115.4725552
5391	1.0980000	1.0000000	3.0000000	120.0000000	60.0000000	0.0000000	25.0301167
5392	1.0980000	1.1000000	3.0000000	120.0000000	60.0000000	0.0000000	3.7723547
5393	1.0980000	1.2000000	3.0000000	120.0000000	60.0000000	0.0000000	17.2344410
5394	1.0980000	1.3000000	3.0000000	120.0000000	60.0000000	0.0000000	46.2323441
5395	1.0980000	1.4000000	3.0000000	120.0000000	60.0000000	0.0000000	80.1237542
5396	1.0980000	1.5000000	3.0000000	120.0000000	60.0000000	0.0000000	113.2133956
5397	1.0980000	1.6000000	3.0000000	120.0000000	60.0000000	0.0000000	142.6954222
5398	1.0980000	1.7000000	3.0000000	120.0000000	60.0000000	0.0000000	167.4368658
5399	1.0980000	1.8000000	3.0000000	120.0000000	60.0000000	0.0000000	187.2500381
5400	1.0980000	2.0000000	3.0000000	120.0000000	60.0000000	0.0000000	213.1096408
5401	1.0980000	2.2000000	3.0000000	120.0000000	60.0000000	0.0000000	225.0010709
5402	1.0980000	2.4000000	3.0000000	120.0000000	60.0000000	0.0000000	229.7669426
5403	1.0980000	2.6000000	3.0000000	120.0000000	60.0000000	0.0000000	231.6736928
5404	1.0980000	2.8000000	3.0000000	120.0000000	60.0000000	0.0000000	232.4989933
5405	1.0980000	3.0000000	3.0000000	120.0000000	60.0000000	0.0000000	232.8842841
5406	1.0980000	3.5000000	3.0000000	120.0000000	60.0000000	0.0000000	233.0904210
5407	1.0980000	4.0000000	3.0000000	120.0000000	60.0000000	0.0000000	232.8160739
5408	1.0980000	4.5000000	3.0000000	120.0000000	60.0000000	0.0000000	232.3176431
5409	1.0980000	5.0000000	3.0000000	120.0000000	60.0000000	0.0000000	231.7040015

5410	1.0980000	5.5000000	3.0000000	120.0000000	60.0000000	0.0000000	231.0572275
5411	1.0980000	6.0000000	3.0000000	120.0000000	60.0000000	0.0000000	230.4456568
5412	1.0980000	7.0000000	3.0000000	120.0000000	60.0000000	0.0000000	229.5111070
5413	1.0980000	8.0000000	3.0000000	120.0000000	60.0000000	0.0000000	229.0304347
5414	1.0980000	9.0000000	3.0000000	120.0000000	60.0000000	0.0000000	228.8555478
5415	1.0980000	10.0000000	3.0000000	120.0000000	60.0000000	0.0000000	228.8125633
5416	1.0980000	0.8000000	3.5000000	120.0000000	60.0000000	0.0000000	335.0269505
5417	1.0980000	0.9000000	3.5000000	120.0000000	60.0000000	0.0000000	112.4908812
5418	1.0980000	1.0000000	3.5000000	120.0000000	60.0000000	0.0000000	21.8380388
5419	1.0980000	1.1000000	3.5000000	120.0000000	60.0000000	0.0000000	0.4060174
5420	1.0980000	1.2000000	3.5000000	120.0000000	60.0000000	0.0000000	13.7255963
5421	1.0980000	1.3000000	3.5000000	120.0000000	60.0000000	0.0000000	42.6106732
5422	1.0980000	1.4000000	3.5000000	120.0000000	60.0000000	0.0000000	76.4185618
5423	1.0980000	1.5000000	3.5000000	120.0000000	60.0000000	0.0000000	109.4543629
5424	1.0980000	1.6000000	3.5000000	120.0000000	60.0000000	0.0000000	138.9107243
5425	1.0980000	1.7000000	3.5000000	120.0000000	60.0000000	0.0000000	163.6477753
5426	1.0980000	1.8000000	3.5000000	120.0000000	60.0000000	0.0000000	183.4724311
5427	1.0980000	2.0000000	3.5000000	120.0000000	60.0000000	0.0000000	209.4136728
5428	1.0980000	2.2000000	3.5000000	120.0000000	60.0000000	0.0000000	221.3472714
5429	1.0980000	2.4000000	3.5000000	120.0000000	60.0000000	0.0000000	226.0850307
5430	1.0980000	2.6000000	3.5000000	120.0000000	60.0000000	0.0000000	227.9530637
5431	1.0980000	2.8000000	3.5000000	120.0000000	60.0000000	0.0000000	228.7590996
5432	1.0980000	3.0000000	3.5000000	120.0000000	60.0000000	0.0000000	229.1544933
5433	1.0980000	3.5000000	3.5000000	120.0000000	60.0000000	0.0000000	229.5232179
5434	1.0980000	4.0000000	3.5000000	120.0000000	60.0000000	0.0000000	229.5852785
5435	1.0980000	4.5000000	3.5000000	120.0000000	60.0000000	0.0000000	229.5475025
5436	1.0980000	5.0000000	3.5000000	120.0000000	60.0000000	0.0000000	229.4599021
5437	1.0980000	5.5000000	3.5000000	120.0000000	60.0000000	0.0000000	229.3464484
5438	1.0980000	6.0000000	3.5000000	120.0000000	60.0000000	0.0000000	229.2246488
5439	1.0980000	7.0000000	3.5000000	120.0000000	60.0000000	0.0000000	229.0092876
5440	1.0980000	8.0000000	3.5000000	120.0000000	60.0000000	0.0000000	228.8771341
5441	1.0980000	9.0000000	3.5000000	120.0000000	60.0000000	0.0000000	228.8215995
5442	1.0980000	10.0000000	3.5000000	120.0000000	60.0000000	0.0000000	228.8090493
5443	1.0980000	0.8000000	4.0000000	120.0000000	60.0000000	0.0000000	334.6735999
5444	1.0980000	0.9000000	4.0000000	120.0000000	60.0000000	0.0000000	112.0877064
5445	1.0980000	1.0000000	4.0000000	120.0000000	60.0000000	0.0000000	21.3926326
5446	1.0980000	1.1000000	4.0000000	120.0000000	60.0000000	0.0000000	-0.0764119
5447	1.0980000	1.2000000	4.0000000	120.0000000	60.0000000	0.0000000	13.2103483
5448	1.0980000	1.3000000	4.0000000	120.0000000	60.0000000	0.0000000	42.0665597
5449	1.0980000	1.4000000	4.0000000	120.0000000	60.0000000	0.0000000	75.8494735
5450	1.0980000	1.5000000	4.0000000	120.0000000	60.0000000	0.0000000	108.8645667
5451	1.0980000	1.6000000	4.0000000	120.0000000	60.0000000	0.0000000	138.3045502
5452	1.0980000	1.7000000	4.0000000	120.0000000	60.0000000	0.0000000	163.0281096
5453	1.0980000	1.8000000	4.0000000	120.0000000	60.0000000	0.0000000	182.8419096
5454	1.0980000	2.0000000	4.0000000	120.0000000	60.0000000	0.0000000	208.7799509
5455	1.0980000	2.2000000	4.0000000	120.0000000	60.0000000	0.0000000	220.7070862
5456	1.0980000	2.4000000	4.0000000	120.0000000	60.0000000	0.0000000	225.4226945
5457	1.0980000	2.6000000	4.0000000	120.0000000	60.0000000	0.0000000	227.2651878
5458	1.0980000	2.8000000	4.0000000	120.0000000	60.0000000	0.0000000	228.0490726
5459	1.0980000	3.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.4277745
5460	1.0980000	3.5000000	4.0000000	120.0000000	60.0000000	0.0000000	228.7823174
5461	1.0980000	4.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8699178
5462	1.0980000	4.5000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8933866
5463	1.0980000	5.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8940769
5464	1.0980000	5.5000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8844760
5465	1.0980000	6.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8696040

5466	1.0980000	7.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8366598
5467	1.0980000	8.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8140066
5468	1.0980000	9.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8060373
5469	1.0980000	10.0000000	4.0000000	120.0000000	60.0000000	0.0000000	228.8084845
5470	1.0980000	0.8000000	10.0000000	120.0000000	60.0000000	0.0000000	334.8016746
5471	1.0980000	0.9000000	10.0000000	120.0000000	60.0000000	0.0000000	112.1843428
5472	1.0980000	1.0000000	10.0000000	120.0000000	60.0000000	0.0000000	21.4720752
5473	1.0980000	1.1000000	10.0000000	120.0000000	60.0000000	0.0000000	-0.0063190
5474	1.0980000	1.2000000	10.0000000	120.0000000	60.0000000	0.0000000	13.2756720
5475	1.0980000	1.3000000	10.0000000	120.0000000	60.0000000	0.0000000	42.1291224
5476	1.0980000	1.4000000	10.0000000	120.0000000	60.0000000	0.0000000	75.9095889
5477	1.0980000	1.5000000	10.0000000	120.0000000	60.0000000	0.0000000	108.9212936
5478	1.0980000	1.6000000	10.0000000	120.0000000	60.0000000	0.0000000	138.3560687
5479	1.0980000	1.7000000	10.0000000	120.0000000	60.0000000	0.0000000	163.0712196
5480	1.0980000	1.8000000	10.0000000	120.0000000	60.0000000	0.0000000	182.8739753
5481	1.0980000	2.0000000	10.0000000	120.0000000	60.0000000	0.0000000	208.7946974
5482	1.0980000	2.2000000	10.0000000	120.0000000	60.0000000	0.0000000	220.7063332
5483	1.0980000	2.4000000	10.0000000	120.0000000	60.0000000	0.0000000	225.4050615
5484	1.0980000	2.6000000	10.0000000	120.0000000	60.0000000	0.0000000	227.2326827
5485	1.0980000	2.8000000	10.0000000	120.0000000	60.0000000	0.0000000	228.0045822
5486	1.0980000	3.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.3738715
5487	1.0980000	3.5000000	10.0000000	120.0000000	60.0000000	0.0000000	228.7133542
5488	1.0980000	4.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.7939263
5489	1.0980000	4.5000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8180854
5490	1.0980000	5.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8269333
5491	1.0980000	5.5000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8310750
5492	1.0980000	6.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8333967
5493	1.0980000	7.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8350283
5494	1.0980000	8.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8354675
5495	1.0980000	9.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8355930
5496	1.0980000	10.0000000	10.0000000	120.0000000	60.0000000	0.0000000	228.8356558
5497	0.8980000	0.8000000	1.0000000	120.0000000	60.0000000	0.0000000	1651.1704040
5498	0.8980000	0.9000000	1.0000000	120.0000000	60.0000000	0.0000000	1339.8855444
5499	0.8980000	1.0000000	1.0000000	120.0000000	60.0000000	0.0000000	1163.4333943
5500	0.8980000	1.1000000	1.0000000	120.0000000	60.0000000	0.0000000	1064.3215360
5501	0.8980000	1.2000000	1.0000000	120.0000000	60.0000000	0.0000000	1010.1578674
5502	0.8980000	1.3000000	1.0000000	120.0000000	60.0000000	0.0000000	981.8168413
5503	0.8980000	1.4000000	1.0000000	120.0000000	60.0000000	0.0000000	967.6332447
5504	0.8980000	1.5000000	1.0000000	120.0000000	60.0000000	0.0000000	960.2042228
5505	0.8980000	1.6000000	1.0000000	120.0000000	60.0000000	0.0000000	954.7259396
5506	0.8980000	1.7000000	1.0000000	120.0000000	60.0000000	0.0000000	950.7652880
5507	0.8980000	1.8000000	1.0000000	120.0000000	60.0000000	0.0000000	936.7477304
5508	0.8980000	2.0000000	1.0000000	120.0000000	60.0000000	0.0000000	901.4848983
5509	0.8980000	2.2000000	1.0000000	120.0000000	60.0000000	0.0000000	854.4603422
5510	0.8980000	2.4000000	1.0000000	120.0000000	60.0000000	0.0000000	838.8428237
5511	0.8980000	2.6000000	1.0000000	120.0000000	60.0000000	0.0000000	754.7944557
5512	0.8980000	2.8000000	1.0000000	120.0000000	60.0000000	0.0000000	676.8195638
5513	0.8980000	3.0000000	1.0000000	120.0000000	60.0000000	0.0000000	611.6810056
5514	0.8980000	3.5000000	1.0000000	120.0000000	60.0000000	0.0000000	515.0617404
5515	0.8980000	4.0000000	1.0000000	120.0000000	60.0000000	0.0000000	473.8624176
5516	0.8980000	4.5000000	1.0000000	120.0000000	60.0000000	0.0000000	443.1011502
5517	0.8980000	5.0000000	1.0000000	120.0000000	60.0000000	0.0000000	401.9329519
5518	0.8980000	5.5000000	1.0000000	120.0000000	60.0000000	0.0000000	373.7041244
5519	0.8980000	6.0000000	1.0000000	120.0000000	60.0000000	0.0000000	358.1243192
5520	0.8980000	7.0000000	1.0000000	120.0000000	60.0000000	0.0000000	346.6092693
5521	0.8980000	8.0000000	1.0000000	120.0000000	60.0000000	0.0000000	344.2608151

5522	0.8980000	9.0000000	1.0000000	120.0000000	60.0000000	0.0000000	343.8715710
5523	0.8980000	10.0000000	1.0000000	120.0000000	60.0000000	0.0000000	343.8268923
5524	0.8980000	0.8000000	1.1000000	120.0000000	60.0000000	0.0000000	1413.7808718
5525	0.8980000	0.9000000	1.1000000	120.0000000	60.0000000	0.0000000	1116.8525503
5526	0.8980000	1.0000000	1.1000000	120.0000000	60.0000000	0.0000000	950.7129537
5527	0.8980000	1.1000000	1.1000000	120.0000000	60.0000000	0.0000000	858.3778839
5528	0.8980000	1.2000000	1.1000000	120.0000000	60.0000000	0.0000000	809.0144119
5529	0.8980000	1.3000000	1.1000000	120.0000000	60.0000000	0.0000000	784.3819040
5530	0.8980000	1.4000000	1.1000000	120.0000000	60.0000000	0.0000000	773.5165775
5531	0.8980000	1.5000000	1.1000000	120.0000000	60.0000000	0.0000000	769.6992491
5532	0.8980000	1.6000000	1.1000000	120.0000000	60.0000000	0.0000000	768.8392474
5533	0.8980000	1.7000000	1.1000000	120.0000000	60.0000000	0.0000000	768.4678245
5534	0.8980000	1.8000000	1.1000000	120.0000000	60.0000000	0.0000000	767.1673111
5535	0.8980000	2.0000000	1.1000000	120.0000000	60.0000000	0.0000000	765.2902420
5536	0.8980000	2.2000000	1.1000000	120.0000000	60.0000000	0.0000000	745.2247480
5537	0.8980000	2.4000000	1.1000000	120.0000000	60.0000000	0.0000000	738.8714656
5538	0.8980000	2.6000000	1.1000000	120.0000000	60.0000000	0.0000000	682.9903037
5539	0.8980000	2.8000000	1.1000000	120.0000000	60.0000000	0.0000000	629.1037434
5540	0.8980000	3.0000000	1.1000000	120.0000000	60.0000000	0.0000000	581.7818107
5541	0.8980000	3.5000000	1.1000000	120.0000000	60.0000000	0.0000000	502.7478710
5542	0.8980000	4.0000000	1.1000000	120.0000000	60.0000000	0.0000000	465.2480930
5543	0.8980000	4.5000000	1.1000000	120.0000000	60.0000000	0.0000000	437.3958968
5544	0.8980000	5.0000000	1.1000000	120.0000000	60.0000000	0.0000000	400.1208300
5545	0.8980000	5.5000000	1.1000000	120.0000000	60.0000000	0.0000000	373.5188836
5546	0.8980000	6.0000000	1.1000000	120.0000000	60.0000000	0.0000000	358.3443868
5547	0.8980000	7.0000000	1.1000000	120.0000000	60.0000000	0.0000000	346.7549770
5548	0.8980000	8.0000000	1.1000000	120.0000000	60.0000000	0.0000000	344.2994070
5549	0.8980000	9.0000000	1.1000000	120.0000000	60.0000000	0.0000000	343.8795404
5550	0.8980000	10.0000000	1.1000000	120.0000000	60.0000000	0.0000000	343.8284611
5551	0.8980000	0.8000000	1.2000000	120.0000000	60.0000000	0.0000000	1272.6337853
5552	0.8980000	0.9000000	1.2000000	120.0000000	60.0000000	0.0000000	984.4090202
5553	0.8980000	1.0000000	1.2000000	120.0000000	60.0000000	0.0000000	825.7726172
5554	0.8980000	1.1000000	1.2000000	120.0000000	60.0000000	0.0000000	738.6434914
5555	0.8980000	1.2000000	1.2000000	120.0000000	60.0000000	0.0000000	692.7293135
5556	0.8980000	1.3000000	1.2000000	120.0000000	60.0000000	0.0000000	670.5696949
5557	0.8980000	1.4000000	1.2000000	120.0000000	60.0000000	0.0000000	661.7176698
5558	0.8980000	1.5000000	1.2000000	120.0000000	60.0000000	0.0000000	659.9064892
5559	0.8980000	1.6000000	1.2000000	120.0000000	60.0000000	0.0000000	661.3930591
5560	0.8980000	1.7000000	1.2000000	120.0000000	60.0000000	0.0000000	663.9442616
5561	0.8980000	1.8000000	1.2000000	120.0000000	60.0000000	0.0000000	666.1909338
5562	0.8980000	2.0000000	1.2000000	120.0000000	60.0000000	0.0000000	665.8218327
5563	0.8980000	2.2000000	1.2000000	120.0000000	60.0000000	0.0000000	657.6487729
5564	0.8980000	2.4000000	1.2000000	120.0000000	60.0000000	0.0000000	644.8570550
5565	0.8980000	2.6000000	1.2000000	120.0000000	60.0000000	0.0000000	629.5634569
5566	0.8980000	2.8000000	1.2000000	120.0000000	60.0000000	0.0000000	594.2154090
5567	0.8980000	3.0000000	1.2000000	120.0000000	60.0000000	0.0000000	559.5983468
5568	0.8980000	3.5000000	1.2000000	120.0000000	60.0000000	0.0000000	499.7892893
5569	0.8980000	4.0000000	1.2000000	120.0000000	60.0000000	0.0000000	457.0319232
5570	0.8980000	4.5000000	1.2000000	120.0000000	60.0000000	0.0000000	427.1617821
5571	0.8980000	5.0000000	1.2000000	120.0000000	60.0000000	0.0000000	396.1900479
5572	0.8980000	5.5000000	1.2000000	120.0000000	60.0000000	0.0000000	372.9268284
5573	0.8980000	6.0000000	1.2000000	120.0000000	60.0000000	0.0000000	358.3718717
5574	0.8980000	7.0000000	1.2000000	120.0000000	60.0000000	0.0000000	346.8710035
5575	0.8980000	8.0000000	1.2000000	120.0000000	60.0000000	0.0000000	344.3351123
5576	0.8980000	9.0000000	1.2000000	120.0000000	60.0000000	0.0000000	343.8874471
5577	0.8980000	10.0000000	1.2000000	120.0000000	60.0000000	0.0000000	343.8300299

5578	0.8980000	0.8000000	1.3000000	120.0000000	60.0000000	0.0000000	1184.4869647
5579	0.8980000	0.9000000	1.3000000	120.0000000	60.0000000	0.0000000	903.7124941
5580	0.8980000	1.0000000	1.3000000	120.0000000	60.0000000	0.0000000	750.8792359
5581	0.8980000	1.1000000	1.3000000	120.0000000	60.0000000	0.0000000	667.7893887
5582	0.8980000	1.2000000	1.3000000	120.0000000	60.0000000	0.0000000	624.2054672
5583	0.8980000	1.3000000	1.3000000	120.0000000	60.0000000	0.0000000	603.4574312
5584	0.8980000	1.4000000	1.3000000	120.0000000	60.0000000	0.0000000	595.6660225
5585	0.8980000	1.5000000	1.3000000	120.0000000	60.0000000	0.0000000	594.8859656
5586	0.8980000	1.6000000	1.3000000	120.0000000	60.0000000	0.0000000	597.5663095
5587	0.8980000	1.7000000	1.3000000	120.0000000	60.0000000	0.0000000	601.5708240
5588	0.8980000	1.8000000	1.3000000	120.0000000	60.0000000	0.0000000	605.5770954
5589	0.8980000	2.0000000	1.3000000	120.0000000	60.0000000	0.0000000	610.7012123
5590	0.8980000	2.2000000	1.3000000	120.0000000	60.0000000	0.0000000	610.4298772
5591	0.8980000	2.4000000	1.3000000	120.0000000	60.0000000	0.0000000	605.5036769
5592	0.8980000	2.6000000	1.3000000	120.0000000	60.0000000	0.0000000	597.5183677
5593	0.8980000	2.8000000	1.3000000	120.0000000	60.0000000	0.0000000	563.6322914
5594	0.8980000	3.0000000	1.3000000	120.0000000	60.0000000	0.0000000	537.0248230
5595	0.8980000	3.5000000	1.3000000	120.0000000	60.0000000	0.0000000	488.9455490
5596	0.8980000	4.0000000	1.3000000	120.0000000	60.0000000	0.0000000	449.1356578
5597	0.8980000	4.5000000	1.3000000	120.0000000	60.0000000	0.0000000	421.2761824
5598	0.8980000	5.0000000	1.3000000	120.0000000	60.0000000	0.0000000	393.3980073
5599	0.8980000	5.5000000	1.3000000	120.0000000	60.0000000	0.0000000	371.9417641
5600	0.8980000	6.0000000	1.3000000	120.0000000	60.0000000	0.0000000	358.1972358
5601	0.8980000	7.0000000	1.3000000	120.0000000	60.0000000	0.0000000	346.9510110
5602	0.8980000	8.0000000	1.3000000	120.0000000	60.0000000	0.0000000	344.3664877
5603	0.8980000	9.0000000	1.3000000	120.0000000	60.0000000	0.0000000	343.8951027
5604	0.8980000	10.0000000	1.3000000	120.0000000	60.0000000	0.0000000	343.8316614
5605	0.8980000	0.8000000	1.4000000	120.0000000	60.0000000	0.0000000	1033.2779520
5606	0.8980000	0.9000000	1.4000000	120.0000000	60.0000000	0.0000000	796.4330352
5607	0.8980000	1.0000000	1.4000000	120.0000000	60.0000000	0.0000000	679.7327137
5608	0.8980000	1.1000000	1.4000000	120.0000000	60.0000000	0.0000000	624.9073365
5609	0.8980000	1.2000000	1.4000000	120.0000000	60.0000000	0.0000000	582.3328895
5610	0.8980000	1.3000000	1.4000000	120.0000000	60.0000000	0.0000000	562.1514318
5611	0.8980000	1.4000000	1.4000000	120.0000000	60.0000000	0.0000000	554.6475481
5612	0.8980000	1.5000000	1.4000000	120.0000000	60.0000000	0.0000000	554.1986905
5613	0.8980000	1.6000000	1.4000000	120.0000000	60.0000000	0.0000000	557.3777790
5614	0.8980000	1.7000000	1.4000000	120.0000000	60.0000000	0.0000000	562.1008546
5615	0.8980000	1.8000000	1.4000000	120.0000000	60.0000000	0.0000000	567.0830916
5616	0.8980000	2.0000000	1.4000000	120.0000000	60.0000000	0.0000000	575.0762445
5617	0.8980000	2.2000000	1.4000000	120.0000000	60.0000000	0.0000000	578.7881512
5618	0.8980000	2.4000000	1.4000000	120.0000000	60.0000000	0.0000000	578.2912892
5619	0.8980000	2.6000000	1.4000000	120.0000000	60.0000000	0.0000000	574.3936397
5620	0.8980000	2.8000000	1.4000000	120.0000000	60.0000000	0.0000000	540.1256610
5621	0.8980000	3.0000000	1.4000000	120.0000000	60.0000000	0.0000000	518.9419452
5622	0.8980000	3.5000000	1.4000000	120.0000000	60.0000000	0.0000000	478.6897852
5623	0.8980000	4.0000000	1.4000000	120.0000000	60.0000000	0.0000000	445.0613015
5624	0.8980000	4.5000000	1.4000000	120.0000000	60.0000000	0.0000000	418.2936927
5625	0.8980000	5.0000000	1.4000000	120.0000000	60.0000000	0.0000000	391.0702609
5626	0.8980000	5.5000000	1.4000000	120.0000000	60.0000000	0.0000000	370.6008390
5627	0.8980000	6.0000000	1.4000000	120.0000000	60.0000000	0.0000000	357.8230519
5628	0.8980000	7.0000000	1.4000000	120.0000000	60.0000000	0.0000000	346.9904814
5629	0.8980000	8.0000000	1.4000000	120.0000000	60.0000000	0.0000000	344.3924038
5630	0.8980000	9.0000000	1.4000000	120.0000000	60.0000000	0.0000000	343.9021935
5631	0.8980000	10.0000000	1.4000000	120.0000000	60.0000000	0.0000000	343.8332929
5632	0.8980000	0.8000000	1.5000000	120.0000000	60.0000000	0.0000000	901.4176292
5633	0.8980000	0.9000000	1.5000000	120.0000000	60.0000000	0.0000000	675.4877376

5634	0.8980000	1.0000000	1.5000000	120.0000000	60.0000000	0.0000000	573.0470671
5635	0.8980000	1.1000000	1.5000000	120.0000000	60.0000000	0.0000000	533.0253913
5636	0.8980000	1.2000000	1.5000000	120.0000000	60.0000000	0.0000000	522.4624616
5637	0.8980000	1.3000000	1.5000000	120.0000000	60.0000000	0.0000000	524.1884892
5638	0.8980000	1.4000000	1.5000000	120.0000000	60.0000000	0.0000000	529.9116266
5639	0.8980000	1.5000000	1.5000000	120.0000000	60.0000000	0.0000000	535.7853662
5640	0.8980000	1.6000000	1.5000000	120.0000000	60.0000000	0.0000000	541.1795632
5641	0.8980000	1.7000000	1.5000000	120.0000000	60.0000000	0.0000000	546.0464012
5642	0.8980000	1.8000000	1.5000000	120.0000000	60.0000000	0.0000000	550.3070023
5643	0.8980000	2.0000000	1.5000000	120.0000000	60.0000000	0.0000000	556.2936309
5644	0.8980000	2.2000000	1.5000000	120.0000000	60.0000000	0.0000000	556.9816950
5645	0.8980000	2.4000000	1.5000000	120.0000000	60.0000000	0.0000000	549.7587472
5646	0.8980000	2.6000000	1.5000000	120.0000000	60.0000000	0.0000000	532.6953214
5647	0.8980000	2.8000000	1.5000000	120.0000000	60.0000000	0.0000000	513.3561069
5648	0.8980000	3.0000000	1.5000000	120.0000000	60.0000000	0.0000000	495.2676443
5649	0.8980000	3.5000000	1.5000000	120.0000000	60.0000000	0.0000000	459.6591799
5650	0.8980000	4.0000000	1.5000000	120.0000000	60.0000000	0.0000000	433.3767614
5651	0.8980000	4.5000000	1.5000000	120.0000000	60.0000000	0.0000000	409.0204832
5652	0.8980000	5.0000000	1.5000000	120.0000000	60.0000000	0.0000000	387.2128974
5653	0.8980000	5.5000000	1.5000000	120.0000000	60.0000000	0.0000000	368.9590860
5654	0.8980000	6.0000000	1.5000000	120.0000000	60.0000000	0.0000000	357.2632507
5655	0.8980000	7.0000000	1.5000000	120.0000000	60.0000000	0.0000000	346.9869673
5656	0.8980000	8.0000000	1.5000000	120.0000000	60.0000000	0.0000000	344.4116685
5657	0.8980000	9.0000000	1.5000000	120.0000000	60.0000000	0.0000000	343.9085314
5658	0.8980000	10.0000000	1.5000000	120.0000000	60.0000000	0.0000000	343.8348617
5659	0.8980000	0.8000000	1.6000000	120.0000000	60.0000000	0.0000000	788.2316119
5660	0.8980000	0.9000000	1.6000000	120.0000000	60.0000000	0.0000000	569.3344701
5661	0.8980000	1.0000000	1.6000000	120.0000000	60.0000000	0.0000000	472.3416484
5662	0.8980000	1.1000000	1.6000000	120.0000000	60.0000000	0.0000000	442.7413362
5663	0.8980000	1.2000000	1.6000000	120.0000000	60.0000000	0.0000000	444.1302030
5664	0.8980000	1.3000000	1.6000000	120.0000000	60.0000000	0.0000000	458.0843821
5665	0.8980000	1.4000000	1.6000000	120.0000000	60.0000000	0.0000000	474.4832127
5666	0.8980000	1.5000000	1.6000000	120.0000000	60.0000000	0.0000000	488.9843919
5667	0.8980000	1.6000000	1.6000000	120.0000000	60.0000000	0.0000000	500.4063194
5668	0.8980000	1.7000000	1.6000000	120.0000000	60.0000000	0.0000000	508.8297556
5669	0.8980000	1.8000000	1.6000000	120.0000000	60.0000000	0.0000000	515.7580249
5670	0.8980000	2.0000000	1.6000000	120.0000000	60.0000000	0.0000000	526.0061958
5671	0.8980000	2.2000000	1.6000000	120.0000000	60.0000000	0.0000000	531.5066302
5672	0.8980000	2.4000000	1.6000000	120.0000000	60.0000000	0.0000000	530.0617268
5673	0.8980000	2.6000000	1.6000000	120.0000000	60.0000000	0.0000000	515.6578116
5674	0.8980000	2.8000000	1.6000000	120.0000000	60.0000000	0.0000000	499.5436820
5675	0.8980000	3.0000000	1.6000000	120.0000000	60.0000000	0.0000000	484.2772551
5676	0.8980000	3.5000000	1.6000000	120.0000000	60.0000000	0.0000000	452.7617213
5677	0.8980000	4.0000000	1.6000000	120.0000000	60.0000000	0.0000000	427.7543392
5678	0.8980000	4.5000000	1.6000000	120.0000000	60.0000000	0.0000000	404.2970311
5679	0.8980000	5.0000000	1.6000000	120.0000000	60.0000000	0.0000000	383.1384156
5680	0.8980000	5.5000000	1.6000000	120.0000000	60.0000000	0.0000000	367.0835230
5681	0.8980000	6.0000000	1.6000000	120.0000000	60.0000000	0.0000000	356.5412383
5682	0.8980000	7.0000000	1.6000000	120.0000000	60.0000000	0.0000000	346.9399669
5683	0.8980000	8.0000000	1.6000000	120.0000000	60.0000000	0.0000000	344.4234656
5684	0.8980000	9.0000000	1.6000000	120.0000000	60.0000000	0.0000000	343.9139279
5685	0.8980000	10.0000000	1.6000000	120.0000000	60.0000000	0.0000000	343.8363050
5686	0.8980000	0.8000000	1.7000000	120.0000000	60.0000000	0.0000000	700.3611464
5687	0.8980000	0.9000000	1.7000000	120.0000000	60.0000000	0.0000000	480.7722382
5688	0.8980000	1.0000000	1.7000000	120.0000000	60.0000000	0.0000000	390.7706879
5689	0.8980000	1.1000000	1.7000000	120.0000000	60.0000000	0.0000000	366.6359204

5690	0.8980000	1.2000000	1.7000000	120.0000000	60.0000000	0.0000000	374.5249696
5691	0.8980000	1.3000000	1.7000000	120.0000000	60.0000000	0.0000000	396.0259541
5692	0.8980000	1.4000000	1.7000000	120.0000000	60.0000000	0.0000000	421.2021363
5693	0.8980000	1.5000000	1.7000000	120.0000000	60.0000000	0.0000000	444.8325115
5694	0.8980000	1.6000000	1.7000000	120.0000000	60.0000000	0.0000000	464.5019843
5695	0.8980000	1.7000000	1.7000000	120.0000000	60.0000000	0.0000000	479.7440012
5696	0.8980000	1.8000000	1.7000000	120.0000000	60.0000000	0.0000000	490.1385700
5697	0.8980000	2.0000000	1.7000000	120.0000000	60.0000000	0.0000000	503.8842906
5698	0.8980000	2.2000000	1.7000000	120.0000000	60.0000000	0.0000000	513.8305667
5699	0.8980000	2.4000000	1.7000000	120.0000000	60.0000000	0.0000000	505.6341007
5700	0.8980000	2.6000000	1.7000000	120.0000000	60.0000000	0.0000000	493.7697792
5701	0.8980000	2.8000000	1.7000000	120.0000000	60.0000000	0.0000000	480.9663268
5702	0.8980000	3.0000000	1.7000000	120.0000000	60.0000000	0.0000000	468.4930073
5703	0.8980000	3.5000000	1.7000000	120.0000000	60.0000000	0.0000000	441.1111294
5704	0.8980000	4.0000000	1.7000000	120.0000000	60.0000000	0.0000000	418.1251435
5705	0.8980000	4.5000000	1.7000000	120.0000000	60.0000000	0.0000000	397.2033502
5706	0.8980000	5.0000000	1.7000000	120.0000000	60.0000000	0.0000000	378.9696820
5707	0.8980000	5.5000000	1.7000000	120.0000000	60.0000000	0.0000000	365.0470664
5708	0.8980000	6.0000000	1.7000000	120.0000000	60.0000000	0.0000000	355.6873234
5709	0.8980000	7.0000000	1.7000000	120.0000000	60.0000000	0.0000000	346.8512998
5710	0.8980000	8.0000000	1.7000000	120.0000000	60.0000000	0.0000000	344.4273562
5711	0.8980000	9.0000000	1.7000000	120.0000000	60.0000000	0.0000000	343.9181950
5712	0.8980000	10.0000000	1.7000000	120.0000000	60.0000000	0.0000000	343.8376855
5713	0.8980000	0.8000000	1.8000000	120.0000000	60.0000000	0.0000000	633.3661015
5714	0.8980000	0.9000000	1.8000000	120.0000000	60.0000000	0.0000000	414.3368062
5715	0.8980000	1.0000000	1.8000000	120.0000000	60.0000000	0.0000000	326.0686252
5716	0.8980000	1.1000000	1.8000000	120.0000000	60.0000000	0.0000000	304.6931426
5717	0.8980000	1.2000000	1.8000000	120.0000000	60.0000000	0.0000000	316.0734034
5718	0.8980000	1.3000000	1.8000000	120.0000000	60.0000000	0.0000000	341.4980792
5719	0.8980000	1.4000000	1.8000000	120.0000000	60.0000000	0.0000000	370.9240692
5720	0.8980000	1.5000000	1.8000000	120.0000000	60.0000000	0.0000000	399.2873719
5721	0.8980000	1.6000000	1.8000000	120.0000000	60.0000000	0.0000000	424.3996108
5722	0.8980000	1.7000000	1.8000000	120.0000000	60.0000000	0.0000000	446.0377690
5723	0.8980000	1.8000000	1.8000000	120.0000000	60.0000000	0.0000000	464.9229176
5724	0.8980000	2.0000000	1.8000000	120.0000000	60.0000000	0.0000000	480.9972003
5725	0.8980000	2.2000000	1.8000000	120.0000000	60.0000000	0.0000000	482.2373473
5726	0.8980000	2.4000000	1.8000000	120.0000000	60.0000000	0.0000000	477.4210865
5727	0.8980000	2.6000000	1.8000000	120.0000000	60.0000000	0.0000000	469.5143417
5728	0.8980000	2.8000000	1.8000000	120.0000000	60.0000000	0.0000000	460.3104720
5729	0.8980000	3.0000000	1.8000000	120.0000000	60.0000000	0.0000000	450.8006286
5730	0.8980000	3.5000000	1.8000000	120.0000000	60.0000000	0.0000000	428.2670772
5731	0.8980000	4.0000000	1.8000000	120.0000000	60.0000000	0.0000000	408.2574316
5732	0.8980000	4.5000000	1.8000000	120.0000000	60.0000000	0.0000000	390.2610247
5733	0.8980000	5.0000000	1.8000000	120.0000000	60.0000000	0.0000000	374.8234758
5734	0.8980000	5.5000000	1.8000000	120.0000000	60.0000000	0.0000000	362.9230724
5735	0.8980000	6.0000000	1.8000000	120.0000000	60.0000000	0.0000000	354.7359563
5736	0.8980000	7.0000000	1.8000000	120.0000000	60.0000000	0.0000000	346.7246056
5737	0.8980000	8.0000000	1.8000000	120.0000000	60.0000000	0.0000000	344.4231519
5738	0.8980000	9.0000000	1.8000000	120.0000000	60.0000000	0.0000000	343.9212070
5739	0.8980000	10.0000000	1.8000000	120.0000000	60.0000000	0.0000000	343.8388778
5740	0.8980000	0.8000000	1.9000000	120.0000000	60.0000000	0.0000000	583.2788601
5741	0.8980000	0.9000000	1.9000000	120.0000000	60.0000000	0.0000000	363.9998160
5742	0.8980000	1.0000000	1.9000000	120.0000000	60.0000000	0.0000000	276.2642023
5743	0.8980000	1.1000000	1.9000000	120.0000000	60.0000000	0.0000000	256.1335101
5744	0.8980000	1.2000000	1.9000000	120.0000000	60.0000000	0.0000000	269.3222532
5745	0.8980000	1.3000000	1.9000000	120.0000000	60.0000000	0.0000000	296.8910663

5746	0.8980000	1.4000000	1.9000000	120.0000000	60.0000000	0.0000000	328.5384398
5747	0.8980000	1.5000000	1.9000000	120.0000000	60.0000000	0.0000000	358.9781086
5748	0.8980000	1.6000000	1.9000000	120.0000000	60.0000000	0.0000000	385.8373966
5749	0.8980000	1.7000000	1.9000000	120.0000000	60.0000000	0.0000000	408.3878908
5750	0.8980000	1.8000000	1.9000000	120.0000000	60.0000000	0.0000000	426.2228396
5751	0.8980000	2.0000000	1.9000000	120.0000000	60.0000000	0.0000000	445.7261478
5752	0.8980000	2.2000000	1.9000000	120.0000000	60.0000000	0.0000000	451.1317027
5753	0.8980000	2.4000000	1.9000000	120.0000000	60.0000000	0.0000000	449.8988348
5754	0.8980000	2.6000000	1.9000000	120.0000000	60.0000000	0.0000000	445.4121420
5755	0.8980000	2.8000000	1.9000000	120.0000000	60.0000000	0.0000000	439.3513418
5756	0.8980000	3.0000000	1.9000000	120.0000000	60.0000000	0.0000000	432.5808911
5757	0.8980000	3.5000000	1.9000000	120.0000000	60.0000000	0.0000000	415.1114039
5758	0.8980000	4.0000000	1.9000000	120.0000000	60.0000000	0.0000000	398.6048926
5759	0.8980000	4.5000000	1.9000000	120.0000000	60.0000000	0.0000000	383.6384152
5760	0.8980000	5.0000000	1.9000000	120.0000000	60.0000000	0.0000000	370.8049052
5761	0.8980000	5.5000000	1.9000000	120.0000000	60.0000000	0.0000000	360.7806923
5762	0.8980000	6.0000000	1.9000000	120.0000000	60.0000000	0.0000000	353.7229678
5763	0.8980000	7.0000000	1.9000000	120.0000000	60.0000000	0.0000000	346.5649045
5764	0.8980000	8.0000000	1.9000000	120.0000000	60.0000000	0.0000000	344.4109782
5765	0.8980000	9.0000000	1.9000000	120.0000000	60.0000000	0.0000000	343.9227758
5766	0.8980000	10.0000000	1.9000000	120.0000000	60.0000000	0.0000000	343.8398818
5767	0.8980000	0.8000000	2.0000000	120.0000000	60.0000000	0.0000000	546.3188031
5768	0.8980000	0.9000000	2.0000000	120.0000000	60.0000000	0.0000000	326.4522218
5769	0.8980000	1.0000000	2.0000000	120.0000000	60.0000000	0.0000000	238.6618266
5770	0.8980000	1.1000000	2.0000000	120.0000000	60.0000000	0.0000000	218.9636139
5771	0.8980000	1.2000000	2.0000000	120.0000000	60.0000000	0.0000000	233.0001851
5772	0.8980000	1.3000000	2.0000000	120.0000000	60.0000000	0.0000000	261.7125714
5773	0.8980000	1.4000000	2.0000000	120.0000000	60.0000000	0.0000000	294.6312791
5774	0.8980000	1.5000000	2.0000000	120.0000000	60.0000000	0.0000000	326.2829825
5775	0.8980000	1.6000000	2.0000000	120.0000000	60.0000000	0.0000000	354.1214990
5776	0.8980000	1.7000000	2.0000000	120.0000000	60.0000000	0.0000000	377.2644250
5777	0.8980000	1.8000000	2.0000000	120.0000000	60.0000000	0.0000000	395.4618232
5778	0.8980000	2.0000000	2.0000000	120.0000000	60.0000000	0.0000000	416.9819469
5779	0.8980000	2.2000000	2.0000000	120.0000000	60.0000000	0.0000000	424.7986441
5780	0.8980000	2.4000000	2.0000000	120.0000000	60.0000000	0.0000000	425.8844865
5781	0.8980000	2.6000000	2.0000000	120.0000000	60.0000000	0.0000000	423.7614337
5782	0.8980000	2.8000000	2.0000000	120.0000000	60.0000000	0.0000000	420.0387337
5783	0.8980000	3.0000000	2.0000000	120.0000000	60.0000000	0.0000000	415.4695862
5784	0.8980000	3.5000000	2.0000000	120.0000000	60.0000000	0.0000000	402.5840557
5785	0.8980000	4.0000000	2.0000000	120.0000000	60.0000000	0.0000000	389.5635479
5786	0.8980000	4.5000000	2.0000000	120.0000000	60.0000000	0.0000000	377.4795979
5787	0.8980000	5.0000000	2.0000000	120.0000000	60.0000000	0.0000000	367.0026370
5788	0.8980000	5.5000000	2.0000000	120.0000000	60.0000000	0.0000000	358.6811711
5789	0.8980000	6.0000000	2.0000000	120.0000000	60.0000000	0.0000000	352.6832473
5790	0.8980000	7.0000000	2.0000000	120.0000000	60.0000000	0.0000000	346.3787223
5791	0.8980000	8.0000000	2.0000000	120.0000000	60.0000000	0.0000000	344.3913371
5792	0.8980000	9.0000000	2.0000000	120.0000000	60.0000000	0.0000000	343.9230268
5793	0.8980000	10.0000000	2.0000000	120.0000000	60.0000000	0.0000000	343.8406975
5794	0.8980000	0.8000000	2.2000000	120.0000000	60.0000000	0.0000000	498.2180683
5795	0.8980000	0.9000000	2.2000000	120.0000000	60.0000000	0.0000000	278.4801266
5796	0.8980000	1.0000000	2.2000000	120.0000000	60.0000000	0.0000000	189.9802063
5797	0.8980000	1.1000000	2.2000000	120.0000000	60.0000000	0.0000000	170.1396745
5798	0.8980000	1.2000000	2.2000000	120.0000000	60.0000000	0.0000000	184.5394482
5799	0.8980000	1.3000000	2.2000000	120.0000000	60.0000000	0.0000000	214.0323308
5800	0.8980000	1.4000000	2.2000000	120.0000000	60.0000000	0.0000000	248.0169260
5801	0.8980000	1.5000000	2.2000000	120.0000000	60.0000000	0.0000000	280.8521750

5802	0.8980000	1.6000000	2.2000000	120.0000000	60.0000000	0.0000000	309.8156278
5803	0.8980000	1.7000000	2.2000000	120.0000000	60.0000000	0.0000000	333.8909073
5804	0.8980000	1.8000000	2.2000000	120.0000000	60.0000000	0.0000000	352.9270975
5805	0.8980000	2.0000000	2.2000000	120.0000000	60.0000000	0.0000000	376.7410821
5806	0.8980000	2.2000000	2.2000000	120.0000000	60.0000000	0.0000000	386.9167129
5807	0.8980000	2.4000000	2.2000000	120.0000000	60.0000000	0.0000000	390.3147394
5808	0.8980000	2.6000000	2.2000000	120.0000000	60.0000000	0.0000000	390.7024775
5809	0.8980000	2.8000000	2.2000000	120.0000000	60.0000000	0.0000000	389.6773780
5810	0.8980000	3.0000000	2.2000000	120.0000000	60.0000000	0.0000000	387.8789359
5811	0.8980000	3.5000000	2.2000000	120.0000000	60.0000000	0.0000000	381.5976916
5812	0.8980000	4.0000000	2.2000000	120.0000000	60.0000000	0.0000000	374.2515637
5813	0.8980000	4.5000000	2.2000000	120.0000000	60.0000000	0.0000000	366.9281517
5814	0.8980000	5.0000000	2.2000000	120.0000000	60.0000000	0.0000000	360.2965060
5815	0.8980000	5.5000000	2.2000000	120.0000000	60.0000000	0.0000000	354.8023468
5816	0.8980000	6.0000000	2.2000000	120.0000000	60.0000000	0.0000000	350.6453476
5817	0.8980000	7.0000000	2.2000000	120.0000000	60.0000000	0.0000000	345.9546514
5818	0.8980000	8.0000000	2.2000000	120.0000000	60.0000000	0.0000000	344.3329160
5819	0.8980000	9.0000000	2.2000000	120.0000000	60.0000000	0.0000000	343.9193873
5820	0.8980000	10.0000000	2.2000000	120.0000000	60.0000000	0.0000000	343.8417015
5821	0.8980000	0.8000000	2.4000000	120.0000000	60.0000000	0.0000000	473.9194582
5822	0.8980000	0.9000000	2.4000000	120.0000000	60.0000000	0.0000000	253.1054632
5823	0.8980000	1.0000000	2.4000000	120.0000000	60.0000000	0.0000000	163.8439975
5824	0.8980000	1.1000000	2.4000000	120.0000000	60.0000000	0.0000000	143.5216012
5825	0.8980000	1.2000000	2.4000000	120.0000000	60.0000000	0.0000000	157.6941536
5826	0.8980000	1.3000000	2.4000000	120.0000000	60.0000000	0.0000000	187.1892952
5827	0.8980000	1.4000000	2.4000000	120.0000000	60.0000000	0.0000000	221.3731876
5828	0.8980000	1.5000000	2.4000000	120.0000000	60.0000000	0.0000000	254.5603439
5829	0.8980000	1.6000000	2.4000000	120.0000000	60.0000000	0.0000000	283.9683871
5830	0.8980000	1.7000000	2.4000000	120.0000000	60.0000000	0.0000000	308.5134202
5831	0.8980000	1.8000000	2.4000000	120.0000000	60.0000000	0.0000000	328.0340477
5832	0.8980000	2.0000000	2.4000000	120.0000000	60.0000000	0.0000000	352.9898484
5833	0.8980000	2.2000000	2.4000000	120.0000000	60.0000000	0.0000000	364.1558148
5834	0.8980000	2.4000000	2.4000000	120.0000000	60.0000000	0.0000000	368.4423947
5835	0.8980000	2.6000000	2.4000000	120.0000000	60.0000000	0.0000000	369.8313242
5836	0.8980000	2.8000000	2.4000000	120.0000000	60.0000000	0.0000000	369.9746474
5837	0.8980000	3.0000000	2.4000000	120.0000000	60.0000000	0.0000000	369.4883903
5838	0.8980000	3.5000000	2.4000000	120.0000000	60.0000000	0.0000000	366.8079836
5839	0.8980000	4.0000000	2.4000000	120.0000000	60.0000000	0.0000000	363.0389734
5840	0.8980000	4.5000000	2.4000000	120.0000000	60.0000000	0.0000000	358.9326141
5841	0.8980000	5.0000000	2.4000000	120.0000000	60.0000000	0.0000000	354.9880268
5842	0.8980000	5.5000000	2.4000000	120.0000000	60.0000000	0.0000000	351.5510320
5843	0.8980000	6.0000000	2.4000000	120.0000000	60.0000000	0.0000000	348.8164084
5844	0.8980000	7.0000000	2.4000000	120.0000000	60.0000000	0.0000000	345.5085550
5845	0.8980000	8.0000000	2.4000000	120.0000000	60.0000000	0.0000000	344.2565480
5846	0.8980000	9.0000000	2.4000000	120.0000000	60.0000000	0.0000000	343.9109159
5847	0.8980000	10.0000000	2.4000000	120.0000000	60.0000000	0.0000000	343.8417643
5848	0.8980000	0.8000000	2.6000000	120.0000000	60.0000000	0.0000000	463.0075077
5849	0.8980000	0.9000000	2.6000000	120.0000000	60.0000000	0.0000000	239.9848048
5850	0.8980000	1.0000000	2.6000000	120.0000000	60.0000000	0.0000000	150.1551921
5851	0.8980000	1.1000000	2.6000000	120.0000000	60.0000000	0.0000000	129.4078464
5852	0.8980000	1.2000000	2.6000000	120.0000000	60.0000000	0.0000000	143.2864733
5853	0.8980000	1.3000000	2.6000000	120.0000000	60.0000000	0.0000000	172.6101794
5854	0.8980000	1.4000000	2.6000000	120.0000000	60.0000000	0.0000000	206.7369684
5855	0.8980000	1.5000000	2.6000000	120.0000000	60.0000000	0.0000000	239.9706859
5856	0.8980000	1.6000000	2.6000000	120.0000000	60.0000000	0.0000000	269.5096903
5857	0.8980000	1.7000000	2.6000000	120.0000000	60.0000000	0.0000000	294.2388975

5858	0.8980000	1.8000000	2.6000000	120.0000000	60.0000000	0.0000000	313.9800318
5859	0.8980000	2.0000000	2.6000000	120.0000000	60.0000000	0.0000000	339.4906136
5860	0.8980000	2.2000000	2.6000000	120.0000000	60.0000000	0.0000000	351.0914440
5861	0.8980000	2.4000000	2.6000000	120.0000000	60.0000000	0.0000000	355.7059605
5862	0.8980000	2.6000000	2.6000000	120.0000000	60.0000000	0.0000000	357.4639910
5863	0.8980000	2.8000000	2.6000000	120.0000000	60.0000000	0.0000000	358.0734910
5864	0.8980000	3.0000000	2.6000000	120.0000000	60.0000000	0.0000000	358.1547534
5865	0.8980000	3.5000000	2.6000000	120.0000000	60.0000000	0.0000000	357.2314359
5866	0.8980000	4.0000000	2.6000000	120.0000000	60.0000000	0.0000000	355.4469873
5867	0.8980000	4.5000000	2.6000000	120.0000000	60.0000000	0.0000000	353.2849034
5868	0.8980000	5.0000000	2.6000000	120.0000000	60.0000000	0.0000000	351.0622021
5869	0.8980000	5.5000000	2.6000000	120.0000000	60.0000000	0.0000000	349.0159564
5870	0.8980000	6.0000000	2.6000000	120.0000000	60.0000000	0.0000000	347.3034203
5871	0.8980000	7.0000000	2.6000000	120.0000000	60.0000000	0.0000000	345.0877472
5872	0.8980000	8.0000000	2.6000000	120.0000000	60.0000000	0.0000000	344.1723363
5873	0.8980000	9.0000000	2.6000000	120.0000000	60.0000000	0.0000000	343.8988677
5874	0.8980000	10.0000000	2.6000000	120.0000000	60.0000000	0.0000000	343.8410113
5875	0.8980000	0.8000000	2.8000000	120.0000000	60.0000000	0.0000000	456.8028196
5876	0.8980000	0.9000000	2.8000000	120.0000000	60.0000000	0.0000000	233.3237290
5877	0.8980000	1.0000000	2.8000000	120.0000000	60.0000000	0.0000000	143.1236347
5878	0.8980000	1.1000000	2.8000000	120.0000000	60.0000000	0.0000000	122.0799162
5879	0.8980000	1.2000000	2.8000000	120.0000000	60.0000000	0.0000000	135.7299415
5880	0.8980000	1.3000000	2.8000000	120.0000000	60.0000000	0.0000000	164.8896166
5881	0.8980000	1.4000000	2.8000000	120.0000000	60.0000000	0.0000000	198.9150628
5882	0.8980000	1.5000000	2.8000000	120.0000000	60.0000000	0.0000000	232.1081176
5883	0.8980000	1.6000000	2.8000000	120.0000000	60.0000000	0.0000000	261.6612411
5884	0.8980000	1.7000000	2.8000000	120.0000000	60.0000000	0.0000000	286.4454180
5885	0.8980000	1.8000000	2.8000000	120.0000000	60.0000000	0.0000000	306.2717681
5886	0.8980000	2.0000000	2.8000000	120.0000000	60.0000000	0.0000000	332.0373698
5887	0.8980000	2.2000000	2.8000000	120.0000000	60.0000000	0.0000000	343.8240685
5888	0.8980000	2.4000000	2.8000000	120.0000000	60.0000000	0.0000000	348.5419358
5889	0.8980000	2.6000000	2.8000000	120.0000000	60.0000000	0.0000000	350.4127298
5890	0.8980000	2.8000000	2.8000000	120.0000000	60.0000000	0.0000000	351.1849430
5891	0.8980000	3.0000000	2.8000000	120.0000000	60.0000000	0.0000000	351.4887830
5892	0.8980000	3.5000000	2.8000000	120.0000000	60.0000000	0.0000000	351.3570060
5893	0.8980000	4.0000000	2.8000000	120.0000000	60.0000000	0.0000000	350.5883697
5894	0.8980000	4.5000000	2.8000000	120.0000000	60.0000000	0.0000000	349.5136969
5895	0.8980000	5.0000000	2.8000000	120.0000000	60.0000000	0.0000000	348.3210524
5896	0.8980000	5.5000000	2.8000000	120.0000000	60.0000000	0.0000000	347.1583401
5897	0.8980000	6.0000000	2.8000000	120.0000000	60.0000000	0.0000000	346.1356880
5898	0.8980000	7.0000000	2.8000000	120.0000000	60.0000000	0.0000000	344.7241682
5899	0.8980000	8.0000000	2.8000000	120.0000000	60.0000000	0.0000000	344.0896306
5900	0.8980000	9.0000000	2.8000000	120.0000000	60.0000000	0.0000000	343.8849370
5901	0.8980000	10.0000000	2.8000000	120.0000000	60.0000000	0.0000000	343.8396308
5902	0.8980000	0.8000000	3.0000000	120.0000000	60.0000000	0.0000000	453.7481661
5903	0.8980000	0.9000000	3.0000000	120.0000000	60.0000000	0.0000000	230.0023213
5904	0.8980000	1.0000000	3.0000000	120.0000000	60.0000000	0.0000000	139.5791474
5905	0.8980000	1.1000000	3.0000000	120.0000000	60.0000000	0.0000000	118.3498116
5906	0.8980000	1.2000000	3.0000000	120.0000000	60.0000000	0.0000000	131.8483562
5907	0.8980000	1.3000000	3.0000000	120.0000000	60.0000000	0.0000000	160.8894946
5908	0.8980000	1.4000000	3.0000000	120.0000000	60.0000000	0.0000000	194.8291603
5909	0.8980000	1.5000000	3.0000000	120.0000000	60.0000000	0.0000000	227.9696927
5910	0.8980000	1.6000000	3.0000000	120.0000000	60.0000000	0.0000000	257.5019200
5911	0.8980000	1.7000000	3.0000000	120.0000000	60.0000000	0.0000000	282.2904268
5912	0.8980000	1.8000000	3.0000000	120.0000000	60.0000000	0.0000000	302.1411870
5913	0.8980000	2.0000000	3.0000000	120.0000000	60.0000000	0.0000000	328.0142811

5914	0.8980000	2.2000000	3.0000000	120.0000000	60.0000000	0.0000000	339.8740219
5915	0.8980000	2.4000000	3.0000000	120.0000000	60.0000000	0.0000000	344.6097104
5916	0.8980000	2.6000000	3.0000000	120.0000000	60.0000000	0.0000000	346.4972589
5917	0.8980000	2.8000000	3.0000000	120.0000000	60.0000000	0.0000000	347.3113897
5918	0.8980000	3.0000000	3.0000000	120.0000000	60.0000000	0.0000000	347.6900289
5919	0.8980000	3.5000000	3.0000000	120.0000000	60.0000000	0.0000000	347.8883219
5920	0.8980000	4.0000000	3.0000000	120.0000000	60.0000000	0.0000000	347.6097705
5921	0.8980000	4.5000000	3.0000000	120.0000000	60.0000000	0.0000000	347.1096454
5922	0.8980000	5.0000000	3.0000000	120.0000000	60.0000000	0.0000000	346.5009612
5923	0.8980000	5.5000000	3.0000000	120.0000000	60.0000000	0.0000000	345.8706280
5924	0.8980000	6.0000000	3.0000000	120.0000000	60.0000000	0.0000000	345.2882991
5925	0.8980000	7.0000000	3.0000000	120.0000000	60.0000000	0.0000000	344.4325645
5926	0.8980000	8.0000000	3.0000000	120.0000000	60.0000000	0.0000000	344.0153335
5927	0.8980000	9.0000000	3.0000000	120.0000000	60.0000000	0.0000000	343.8706297
5928	0.8980000	10.0000000	3.0000000	120.0000000	60.0000000	0.0000000	343.8378737
5929	0.8980000	0.8000000	3.5000000	120.0000000	60.0000000	0.0000000	451.3276111
5930	0.8980000	0.9000000	3.5000000	120.0000000	60.0000000	0.0000000	227.4281520
5931	0.8980000	1.0000000	3.5000000	120.0000000	60.0000000	0.0000000	136.7874832
5932	0.8980000	1.1000000	3.5000000	120.0000000	60.0000000	0.0000000	115.3692671
5933	0.8980000	1.2000000	3.5000000	120.0000000	60.0000000	0.0000000	128.7044082
5934	0.8980000	1.3000000	3.5000000	120.0000000	60.0000000	0.0000000	157.6071809
5935	0.8980000	1.4000000	3.5000000	120.0000000	60.0000000	0.0000000	191.4347733
5936	0.8980000	1.5000000	3.5000000	120.0000000	60.0000000	0.0000000	224.4914704
5937	0.8980000	1.6000000	3.5000000	120.0000000	60.0000000	0.0000000	253.9685396
5938	0.8980000	1.7000000	3.5000000	120.0000000	60.0000000	0.0000000	278.7256709
5939	0.8980000	1.8000000	3.5000000	120.0000000	60.0000000	0.0000000	298.5657007
5940	0.8980000	2.0000000	3.5000000	120.0000000	60.0000000	0.0000000	324.4901879
5941	0.8980000	2.2000000	3.5000000	120.0000000	60.0000000	0.0000000	336.3781039
5942	0.8980000	2.4000000	3.5000000	120.0000000	60.0000000	0.0000000	341.0819776
5943	0.8980000	2.6000000	3.5000000	120.0000000	60.0000000	0.0000000	342.9301813
5944	0.8980000	2.8000000	3.5000000	120.0000000	60.0000000	0.0000000	343.7248593
5945	0.8980000	3.0000000	3.5000000	120.0000000	60.0000000	0.0000000	344.1135386
5946	0.8980000	3.5000000	3.5000000	120.0000000	60.0000000	0.0000000	344.4751096
5947	0.8980000	4.0000000	3.5000000	120.0000000	60.0000000	0.0000000	344.5361664
5948	0.8980000	4.5000000	3.5000000	120.0000000	60.0000000	0.0000000	344.5005237
5949	0.8980000	5.0000000	3.5000000	120.0000000	60.0000000	0.0000000	344.4173161
5950	0.8980000	5.5000000	3.5000000	120.0000000	60.0000000	0.0000000	344.3102002
5951	0.8980000	6.0000000	3.5000000	120.0000000	60.0000000	0.0000000	344.1965582
5952	0.8980000	7.0000000	3.5000000	120.0000000	60.0000000	0.0000000	344.0009007
5953	0.8980000	8.0000000	3.5000000	120.0000000	60.0000000	0.0000000	343.8863175
5954	0.8980000	9.0000000	3.5000000	120.0000000	60.0000000	0.0000000	343.8414505
5955	0.8980000	10.0000000	3.5000000	120.0000000	60.0000000	0.0000000	343.8336694
5956	0.8980000	0.8000000	4.0000000	120.0000000	60.0000000	0.0000000	451.1584346
5957	0.8980000	0.9000000	4.0000000	120.0000000	60.0000000	0.0000000	227.1110715
5958	0.8980000	1.0000000	4.0000000	120.0000000	60.0000000	0.0000000	136.4252848
5959	0.8980000	1.1000000	4.0000000	120.0000000	60.0000000	0.0000000	114.9662178
5960	0.8980000	1.2000000	4.0000000	120.0000000	60.0000000	0.0000000	128.2641476
5961	0.8980000	1.3000000	4.0000000	120.0000000	60.0000000	0.0000000	157.1329719
5962	0.8980000	1.4000000	4.0000000	120.0000000	60.0000000	0.0000000	190.9302557
5963	0.8980000	1.5000000	4.0000000	120.0000000	60.0000000	0.0000000	223.9609739
5964	0.8980000	1.6000000	4.0000000	120.0000000	60.0000000	0.0000000	253.4167706
5965	0.8980000	1.7000000	4.0000000	120.0000000	60.0000000	0.0000000	278.1564571
5966	0.8980000	1.8000000	4.0000000	120.0000000	60.0000000	0.0000000	297.9829327
5967	0.8980000	2.0000000	4.0000000	120.0000000	60.0000000	0.0000000	323.9018978
5968	0.8980000	2.2000000	4.0000000	120.0000000	60.0000000	0.0000000	335.7836014
5969	0.8980000	2.4000000	4.0000000	120.0000000	60.0000000	0.0000000	340.4670184

5970	0.8980000	2.6000000	4.0000000	120.0000000	60.0000000	0.0000000	342.2915650
5971	0.8980000	2.8000000	4.0000000	120.0000000	60.0000000	0.0000000	343.0655351
5972	0.8980000	3.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.4385895
5973	0.8980000	3.5000000	4.0000000	120.0000000	60.0000000	0.0000000	343.7870455
5974	0.8980000	4.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8728888
5975	0.8980000	4.5000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8961694
5976	0.8980000	5.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8976754
5977	0.8980000	5.5000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8895806
5978	0.8980000	6.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8769049
5979	0.8980000	7.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8492317
5980	0.8980000	8.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8317242
5981	0.8980000	9.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8275198
5982	0.8980000	10.0000000	4.0000000	120.0000000	60.0000000	0.0000000	343.8321634
5983	0.8980000	0.8000000	10.0000000	120.0000000	60.0000000	0.0000000	451.3278621
5984	0.8980000	0.9000000	10.0000000	120.0000000	60.0000000	0.0000000	227.2437270
5985	0.8980000	1.0000000	10.0000000	120.0000000	60.0000000	0.0000000	136.5361029
5986	0.8980000	1.1000000	10.0000000	120.0000000	60.0000000	0.0000000	115.0631053
5987	0.8980000	1.2000000	10.0000000	120.0000000	60.0000000	0.0000000	128.3516852
5988	0.8980000	1.3000000	10.0000000	120.0000000	60.0000000	0.0000000	157.2134187
5989	0.8980000	1.4000000	10.0000000	120.0000000	60.0000000	0.0000000	191.0043018
5990	0.8980000	1.5000000	10.0000000	120.0000000	60.0000000	0.0000000	224.0283056
5991	0.8980000	1.6000000	10.0000000	120.0000000	60.0000000	0.0000000	253.4765095
5992	0.8980000	1.7000000	10.0000000	120.0000000	60.0000000	0.0000000	278.2064696
5993	0.8980000	1.8000000	10.0000000	120.0000000	60.0000000	0.0000000	298.0219010
5994	0.8980000	2.0000000	10.0000000	120.0000000	60.0000000	0.0000000	323.9261824
5995	0.8980000	2.2000000	10.0000000	120.0000000	60.0000000	0.0000000	335.7952103
5996	0.8980000	2.4000000	10.0000000	120.0000000	60.0000000	0.0000000	340.4637553
5997	0.8980000	2.6000000	10.0000000	120.0000000	60.0000000	0.0000000	342.2751241
5998	0.8980000	2.8000000	10.0000000	120.0000000	60.0000000	0.0000000	343.0385522
5999	0.8980000	3.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.4034490
6000	0.8980000	3.5000000	10.0000000	120.0000000	60.0000000	0.0000000	343.7389155
6001	0.8980000	4.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8186092
6002	0.8980000	4.5000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8425801
6003	0.8980000	5.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8514279
6004	0.8980000	5.5000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8555695
6005	0.8980000	6.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8578913
6006	0.8980000	7.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8595228
6007	0.8980000	8.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8598993
6008	0.8980000	9.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8600248
6009	0.8980000	10.0000000	10.0000000	120.0000000	60.0000000	0.0000000	343.8600876
6010	1.2980000	0.8000000	1.0000000	120.0000000	60.0000000	0.0000000	1287.3704687
6011	1.2980000	0.9000000	1.0000000	120.0000000	60.0000000	0.0000000	977.5536047
6012	1.2980000	1.0000000	1.0000000	120.0000000	60.0000000	0.0000000	798.9566273
6013	1.2980000	1.1000000	1.0000000	120.0000000	60.0000000	0.0000000	695.0437567
6014	1.2980000	1.2000000	1.0000000	120.0000000	60.0000000	0.0000000	633.9479283
6015	1.2980000	1.3000000	1.0000000	120.0000000	60.0000000	0.0000000	598.8872797
6016	1.2980000	1.4000000	1.0000000	120.0000000	60.0000000	0.0000000	580.0550302
6017	1.2980000	1.5000000	1.0000000	120.0000000	60.0000000	0.0000000	570.8785826
6018	1.2980000	1.6000000	1.0000000	120.0000000	60.0000000	0.0000000	538.0149702
6019	1.2980000	1.7000000	1.0000000	120.0000000	60.0000000	0.0000000	513.9908327
6020	1.2980000	1.8000000	1.0000000	120.0000000	60.0000000	0.0000000	497.9669390
6021	1.2980000	2.0000000	1.0000000	120.0000000	60.0000000	0.0000000	485.8868169
6022	1.2980000	2.2000000	1.0000000	120.0000000	60.0000000	0.0000000	485.3507983
6023	1.2980000	2.4000000	1.0000000	120.0000000	60.0000000	0.0000000	480.2258029
6024	1.2980000	2.6000000	1.0000000	120.0000000	60.0000000	0.0000000	462.9074200
6025	1.2980000	2.8000000	1.0000000	120.0000000	60.0000000	0.0000000	434.2530783

6026	1.2980000	3.0000000	1.0000000	120.0000000	60.0000000	0.0000000	400.0510510
6027	1.2980000	3.5000000	1.0000000	120.0000000	60.0000000	0.0000000	321.5144753
6028	1.2980000	4.0000000	1.0000000	120.0000000	60.0000000	0.0000000	301.8561094
6029	1.2980000	4.5000000	1.0000000	120.0000000	60.0000000	0.0000000	314.2705059
6030	1.2980000	5.0000000	1.0000000	120.0000000	60.0000000	0.0000000	325.4096775
6031	1.2980000	5.5000000	1.0000000	120.0000000	60.0000000	0.0000000	312.9029745
6032	1.2980000	6.0000000	1.0000000	120.0000000	60.0000000	0.0000000	292.9900908
6033	1.2980000	7.0000000	1.0000000	120.0000000	60.0000000	0.0000000	275.0938344
6034	1.2980000	8.0000000	1.0000000	120.0000000	60.0000000	0.0000000	271.1067647
6035	1.2980000	9.0000000	1.0000000	120.0000000	60.0000000	0.0000000	270.4271092
6036	1.2980000	10.0000000	1.0000000	120.0000000	60.0000000	0.0000000	270.3458467
6037	1.2980000	0.8000000	1.1000000	120.0000000	60.0000000	0.0000000	1074.8299351
6038	1.2980000	0.9000000	1.1000000	120.0000000	60.0000000	0.0000000	780.6825474
6039	1.2980000	1.0000000	1.1000000	120.0000000	60.0000000	0.0000000	615.7062906
6040	1.2980000	1.1000000	1.1000000	120.0000000	60.0000000	0.0000000	523.3476892
6041	1.2980000	1.2000000	1.1000000	120.0000000	60.0000000	0.0000000	471.9097336
6042	1.2980000	1.3000000	1.1000000	120.0000000	60.0000000	0.0000000	443.5604244
6043	1.2980000	1.4000000	1.1000000	120.0000000	60.0000000	0.0000000	429.2781205
6044	1.2980000	1.5000000	1.1000000	120.0000000	60.0000000	0.0000000	423.3335978
6045	1.2980000	1.6000000	1.1000000	120.0000000	60.0000000	0.0000000	421.7424220
6046	1.2980000	1.7000000	1.1000000	120.0000000	60.0000000	0.0000000	403.1901671
6047	1.2980000	1.8000000	1.1000000	120.0000000	60.0000000	0.0000000	383.9237437
6048	1.2980000	2.0000000	1.1000000	120.0000000	60.0000000	0.0000000	367.0085356
6049	1.2980000	2.2000000	1.1000000	120.0000000	60.0000000	0.0000000	367.6794687
6050	1.2980000	2.4000000	1.1000000	120.0000000	60.0000000	0.0000000	372.7944239
6051	1.2980000	2.6000000	1.1000000	120.0000000	60.0000000	0.0000000	370.4585199
6052	1.2980000	2.8000000	1.1000000	120.0000000	60.0000000	0.0000000	361.6872552
6053	1.2980000	3.0000000	1.1000000	120.0000000	60.0000000	0.0000000	347.2577376
6054	1.2980000	3.5000000	1.1000000	120.0000000	60.0000000	0.0000000	307.4831752
6055	1.2980000	4.0000000	1.1000000	120.0000000	60.0000000	0.0000000	297.1223662
6056	1.2980000	4.5000000	1.1000000	120.0000000	60.0000000	0.0000000	309.9303366
6057	1.2980000	5.0000000	1.1000000	120.0000000	60.0000000	0.0000000	321.0934791
6058	1.2980000	5.5000000	1.1000000	120.0000000	60.0000000	0.0000000	311.2284654
6059	1.2980000	6.0000000	1.1000000	120.0000000	60.0000000	0.0000000	292.8896265
6060	1.2980000	7.0000000	1.1000000	120.0000000	60.0000000	0.0000000	275.2879858
6061	1.2980000	8.0000000	1.1000000	120.0000000	60.0000000	0.0000000	271.1683233
6062	1.2980000	9.0000000	1.1000000	120.0000000	60.0000000	0.0000000	270.4403496
6063	1.2980000	10.0000000	1.1000000	120.0000000	60.0000000	0.0000000	270.3483567
6064	1.2980000	0.8000000	1.2000000	120.0000000	60.0000000	0.0000000	947.1701608
6065	1.2980000	0.9000000	1.2000000	120.0000000	60.0000000	0.0000000	667.2265755
6066	1.2980000	1.0000000	1.2000000	120.0000000	60.0000000	0.0000000	514.7791728
6067	1.2980000	1.1000000	1.2000000	120.0000000	60.0000000	0.0000000	432.8270630
6068	1.2980000	1.2000000	1.2000000	120.0000000	60.0000000	0.0000000	389.7051768
6069	1.2980000	1.3000000	1.2000000	120.0000000	60.0000000	0.0000000	367.7808742
6070	1.2980000	1.4000000	1.2000000	120.0000000	60.0000000	0.0000000	357.8264405
6071	1.2980000	1.5000000	1.2000000	120.0000000	60.0000000	0.0000000	354.8376756
6072	1.2980000	1.6000000	1.2000000	120.0000000	60.0000000	0.0000000	355.6009781
6073	1.2980000	1.7000000	1.2000000	120.0000000	60.0000000	0.0000000	357.1225004
6074	1.2980000	1.8000000	1.2000000	120.0000000	60.0000000	0.0000000	346.4090939
6075	1.2980000	2.0000000	1.2000000	120.0000000	60.0000000	0.0000000	319.4998560
6076	1.2980000	2.2000000	1.2000000	120.0000000	60.0000000	0.0000000	314.4366704
6077	1.2980000	2.4000000	1.2000000	120.0000000	60.0000000	0.0000000	318.2520535
6078	1.2980000	2.6000000	1.2000000	120.0000000	60.0000000	0.0000000	324.6131798
6079	1.2980000	2.8000000	1.2000000	120.0000000	60.0000000	0.0000000	328.0268313
6080	1.2980000	3.0000000	1.2000000	120.0000000	60.0000000	0.0000000	320.4611379
6081	1.2980000	3.5000000	1.2000000	120.0000000	60.0000000	0.0000000	297.7812511

6082	1.2980000	4.0000000	1.2000000	120.0000000	60.0000000	0.0000000	294.0913072
6083	1.2980000	4.5000000	1.2000000	120.0000000	60.0000000	0.0000000	306.8281808
6084	1.2980000	5.0000000	1.2000000	120.0000000	60.0000000	0.0000000	317.2940975
6085	1.2980000	5.5000000	1.2000000	120.0000000	60.0000000	0.0000000	309.1493383
6086	1.2980000	6.0000000	1.2000000	120.0000000	60.0000000	0.0000000	292.4728347
6087	1.2980000	7.0000000	1.2000000	120.0000000	60.0000000	0.0000000	275.4236533
6088	1.2980000	8.0000000	1.2000000	120.0000000	60.0000000	0.0000000	271.2234815
6089	1.2980000	9.0000000	1.2000000	120.0000000	60.0000000	0.0000000	270.4532763
6090	1.2980000	10.0000000	1.2000000	120.0000000	60.0000000	0.0000000	270.3509923
6091	1.2980000	0.8000000	1.3000000	120.0000000	60.0000000	0.0000000	867.4005289
6092	1.2980000	0.9000000	1.3000000	120.0000000	60.0000000	0.0000000	599.8764229
6093	1.2980000	1.0000000	1.3000000	120.0000000	60.0000000	0.0000000	459.1690322
6094	1.2980000	1.1000000	1.3000000	120.0000000	60.0000000	0.0000000	386.4157094
6095	1.2980000	1.2000000	1.3000000	120.0000000	60.0000000	0.0000000	350.4871524
6096	1.2980000	1.3000000	1.3000000	120.0000000	60.0000000	0.0000000	334.0318459
6097	1.2980000	1.4000000	1.3000000	120.0000000	60.0000000	0.0000000	328.0467861
6098	1.2980000	1.5000000	1.3000000	120.0000000	60.0000000	0.0000000	327.8744720
6099	1.2980000	1.6000000	1.3000000	120.0000000	60.0000000	0.0000000	330.6487542
6100	1.2980000	1.7000000	1.3000000	120.0000000	60.0000000	0.0000000	334.5249429
6101	1.2980000	1.8000000	1.3000000	120.0000000	60.0000000	0.0000000	337.1053246
6102	1.2980000	2.0000000	1.3000000	120.0000000	60.0000000	0.0000000	311.1947055
6103	1.2980000	2.2000000	1.3000000	120.0000000	60.0000000	0.0000000	301.4841218
6104	1.2980000	2.4000000	1.3000000	120.0000000	60.0000000	0.0000000	301.7351883
6105	1.2980000	2.6000000	1.3000000	120.0000000	60.0000000	0.0000000	307.2056277
6106	1.2980000	2.8000000	1.3000000	120.0000000	60.0000000	0.0000000	314.7853147
6107	1.2980000	3.0000000	1.3000000	120.0000000	60.0000000	0.0000000	308.3267989
6108	1.2980000	3.5000000	1.3000000	120.0000000	60.0000000	0.0000000	293.1292724
6109	1.2980000	4.0000000	1.3000000	120.0000000	60.0000000	0.0000000	292.9832510
6110	1.2980000	4.5000000	1.3000000	120.0000000	60.0000000	0.0000000	304.8328889
6111	1.2980000	5.0000000	1.3000000	120.0000000	60.0000000	0.0000000	313.9645323
6112	1.2980000	5.5000000	1.3000000	120.0000000	60.0000000	0.0000000	306.7799252
6113	1.2980000	6.0000000	1.3000000	120.0000000	60.0000000	0.0000000	291.7542737
6114	1.2980000	7.0000000	1.3000000	120.0000000	60.0000000	0.0000000	275.4922401
6115	1.2980000	8.0000000	1.3000000	120.0000000	60.0000000	0.0000000	271.2699799
6116	1.2980000	9.0000000	1.3000000	120.0000000	60.0000000	0.0000000	270.4654500
6117	1.2980000	10.0000000	1.3000000	120.0000000	60.0000000	0.0000000	270.3536278
6118	1.2980000	0.8000000	1.4000000	120.0000000	60.0000000	0.0000000	814.1842742
6119	1.2980000	0.9000000	1.4000000	120.0000000	60.0000000	0.0000000	558.7835257
6120	1.2980000	1.0000000	1.4000000	120.0000000	60.0000000	0.0000000	428.1934703
6121	1.2980000	1.1000000	1.4000000	120.0000000	60.0000000	0.0000000	363.4125925
6122	1.2980000	1.2000000	1.4000000	120.0000000	60.0000000	0.0000000	333.5651045
6123	1.2980000	1.3000000	1.4000000	120.0000000	60.0000000	0.0000000	321.7306522
6124	1.2980000	1.4000000	1.4000000	120.0000000	60.0000000	0.0000000	319.1402932
6125	1.2980000	1.5000000	1.4000000	120.0000000	60.0000000	0.0000000	321.3890989
6126	1.2980000	1.6000000	1.4000000	120.0000000	60.0000000	0.0000000	325.8924206
6127	1.2980000	1.7000000	1.4000000	120.0000000	60.0000000	0.0000000	331.0957291
6128	1.2980000	1.8000000	1.4000000	120.0000000	60.0000000	0.0000000	335.9144998
6129	1.2980000	2.0000000	1.4000000	120.0000000	60.0000000	0.0000000	320.4149531
6130	1.2980000	2.2000000	1.4000000	120.0000000	60.0000000	0.0000000	307.9394373
6131	1.2980000	2.4000000	1.4000000	120.0000000	60.0000000	0.0000000	304.8788226
6132	1.2980000	2.6000000	1.4000000	120.0000000	60.0000000	0.0000000	308.0030668
6133	1.2980000	2.8000000	1.4000000	120.0000000	60.0000000	0.0000000	313.5489954
6134	1.2980000	3.0000000	1.4000000	120.0000000	60.0000000	0.0000000	305.9734501
6135	1.2980000	3.5000000	1.4000000	120.0000000	60.0000000	0.0000000	292.7963159
6136	1.2980000	4.0000000	1.4000000	120.0000000	60.0000000	0.0000000	293.5576103
6137	1.2980000	4.5000000	1.4000000	120.0000000	60.0000000	0.0000000	303.7321117

6138	1.2980000	5.0000000	1.4000000	120.0000000	60.0000000	0.0000000	311.0088998
6139	1.2980000	5.5000000	1.4000000	120.0000000	60.0000000	0.0000000	304.2156706
6140	1.2980000	6.0000000	1.4000000	120.0000000	60.0000000	0.0000000	290.7666992
6141	1.2980000	7.0000000	1.4000000	120.0000000	60.0000000	0.0000000	275.4889144
6142	1.2980000	8.0000000	1.4000000	120.0000000	60.0000000	0.0000000	271.3055597
6143	1.2980000	9.0000000	1.4000000	120.0000000	60.0000000	0.0000000	270.4764942
6144	1.2980000	10.0000000	1.4000000	120.0000000	60.0000000	0.0000000	270.3562633
6145	1.2980000	0.8000000	1.5000000	120.0000000	60.0000000	0.0000000	757.3097020
6146	1.2980000	0.9000000	1.5000000	120.0000000	60.0000000	0.0000000	519.0287926
6147	1.2980000	1.0000000	1.5000000	120.0000000	60.0000000	0.0000000	402.3787346
6148	1.2980000	1.1000000	1.5000000	120.0000000	60.0000000	0.0000000	350.5913190
6149	1.2980000	1.2000000	1.5000000	120.0000000	60.0000000	0.0000000	331.9641395
6150	1.2980000	1.3000000	1.5000000	120.0000000	60.0000000	0.0000000	329.5251984
6151	1.2980000	1.4000000	1.5000000	120.0000000	60.0000000	0.0000000	333.9439319
6152	1.2980000	1.5000000	1.5000000	120.0000000	60.0000000	0.0000000	340.3268328
6153	1.2980000	1.6000000	1.5000000	120.0000000	60.0000000	0.0000000	346.1492422
6154	1.2980000	1.7000000	1.5000000	120.0000000	60.0000000	0.0000000	349.7312545
6155	1.2980000	1.8000000	1.5000000	120.0000000	60.0000000	0.0000000	349.3515485
6156	1.2980000	2.0000000	1.5000000	120.0000000	60.0000000	0.0000000	340.5163406
6157	1.2980000	2.2000000	1.5000000	120.0000000	60.0000000	0.0000000	335.1620533
6158	1.2980000	2.4000000	1.5000000	120.0000000	60.0000000	0.0000000	334.9483863
6159	1.2980000	2.6000000	1.5000000	120.0000000	60.0000000	0.0000000	326.6272969
6160	1.2980000	2.8000000	1.5000000	120.0000000	60.0000000	0.0000000	317.2902697
6161	1.2980000	3.0000000	1.5000000	120.0000000	60.0000000	0.0000000	308.7699460
6162	1.2980000	3.5000000	1.5000000	120.0000000	60.0000000	0.0000000	295.2683267
6163	1.2980000	4.0000000	1.5000000	120.0000000	60.0000000	0.0000000	295.3205983
6164	1.2980000	4.5000000	1.5000000	120.0000000	60.0000000	0.0000000	303.2455409
6165	1.2980000	5.0000000	1.5000000	120.0000000	60.0000000	0.0000000	308.2939802
6166	1.2980000	5.5000000	1.5000000	120.0000000	60.0000000	0.0000000	301.5283613
6167	1.2980000	6.0000000	1.5000000	120.0000000	60.0000000	0.0000000	289.5554804
6168	1.2980000	7.0000000	1.5000000	120.0000000	60.0000000	0.0000000	275.4128602
6169	1.2980000	8.0000000	1.5000000	120.0000000	60.0000000	0.0000000	271.3288403
6170	1.2980000	9.0000000	1.5000000	120.0000000	60.0000000	0.0000000	270.4861578
6171	1.2980000	10.0000000	1.5000000	120.0000000	60.0000000	0.0000000	270.3587734
6172	1.2980000	0.8000000	1.6000000	120.0000000	60.0000000	0.0000000	686.6740353
6173	1.2980000	0.9000000	1.6000000	120.0000000	60.0000000	0.0000000	454.6192121
6174	1.2980000	1.0000000	1.6000000	120.0000000	60.0000000	0.0000000	347.6517508
6175	1.2980000	1.1000000	1.6000000	120.0000000	60.0000000	0.0000000	304.1655326
6176	1.2980000	1.2000000	1.6000000	120.0000000	60.0000000	0.0000000	292.8668479
6177	1.2980000	1.3000000	1.6000000	120.0000000	60.0000000	0.0000000	296.6947185
6178	1.2980000	1.4000000	1.6000000	120.0000000	60.0000000	0.0000000	306.3653297
6179	1.2980000	1.5000000	1.6000000	120.0000000	60.0000000	0.0000000	317.0507493
6180	1.2980000	1.6000000	1.6000000	120.0000000	60.0000000	0.0000000	326.5327313
6181	1.2980000	1.7000000	1.6000000	120.0000000	60.0000000	0.0000000	333.9664595
6182	1.2980000	1.8000000	1.6000000	120.0000000	60.0000000	0.0000000	339.1673208
6183	1.2980000	2.0000000	1.6000000	120.0000000	60.0000000	0.0000000	343.2549802
6184	1.2980000	2.2000000	1.6000000	120.0000000	60.0000000	0.0000000	341.4338850
6185	1.2980000	2.4000000	1.6000000	120.0000000	60.0000000	0.0000000	339.5582592
6186	1.2980000	2.6000000	1.6000000	120.0000000	60.0000000	0.0000000	331.6416624
6187	1.2980000	2.8000000	1.6000000	120.0000000	60.0000000	0.0000000	321.9823463
6188	1.2980000	3.0000000	1.6000000	120.0000000	60.0000000	0.0000000	313.0245858
6189	1.2980000	3.5000000	1.6000000	120.0000000	60.0000000	0.0000000	299.0223394
6190	1.2980000	4.0000000	1.6000000	120.0000000	60.0000000	0.0000000	297.6887563
6191	1.2980000	4.5000000	1.6000000	120.0000000	60.0000000	0.0000000	303.0429181
6192	1.2980000	5.0000000	1.6000000	120.0000000	60.0000000	0.0000000	305.6658450
6193	1.2980000	5.5000000	1.6000000	120.0000000	60.0000000	0.0000000	298.7720259

6194	1.2980000	6.0000000	1.6000000	120.0000000	60.0000000	0.0000000	288.1729516
6195	1.2980000	7.0000000	1.6000000	120.0000000	60.0000000	0.0000000	275.2669015
6196	1.2980000	8.0000000	1.6000000	120.0000000	60.0000000	0.0000000	271.3386295
6197	1.2980000	9.0000000	1.6000000	120.0000000	60.0000000	0.0000000	270.4940017
6198	1.2980000	10.0000000	1.6000000	120.0000000	60.0000000	0.0000000	270.3612207
6199	1.2980000	0.8000000	1.7000000	120.0000000	60.0000000	0.0000000	619.2449421
6200	1.2980000	0.9000000	1.7000000	120.0000000	60.0000000	0.0000000	394.8457972
6201	1.2980000	1.0000000	1.7000000	120.0000000	60.0000000	0.0000000	293.5618147
6202	1.2980000	1.1000000	1.7000000	120.0000000	60.0000000	0.0000000	259.0902093
6203	1.2980000	1.2000000	1.7000000	120.0000000	60.0000000	0.0000000	255.5513068
6204	1.2980000	1.3000000	1.7000000	120.0000000	60.0000000	0.0000000	265.9892994
6205	1.2980000	1.4000000	1.7000000	120.0000000	60.0000000	0.0000000	281.7865367
6206	1.2980000	1.5000000	1.7000000	120.0000000	60.0000000	0.0000000	297.8165800
6207	1.2980000	1.6000000	1.7000000	120.0000000	60.0000000	0.0000000	311.6891828
6208	1.2980000	1.7000000	1.7000000	120.0000000	60.0000000	0.0000000	322.6601820
6209	1.2980000	1.8000000	1.7000000	120.0000000	60.0000000	0.0000000	330.8038745
6210	1.2980000	2.0000000	1.7000000	120.0000000	60.0000000	0.0000000	340.2399854
6211	1.2980000	2.2000000	1.7000000	120.0000000	60.0000000	0.0000000	343.2202162
6212	1.2980000	2.4000000	1.7000000	120.0000000	60.0000000	0.0000000	342.2413014
6213	1.2980000	2.6000000	1.7000000	120.0000000	60.0000000	0.0000000	334.7478343
6214	1.2980000	2.8000000	1.7000000	120.0000000	60.0000000	0.0000000	325.4239847
6215	1.2980000	3.0000000	1.7000000	120.0000000	60.0000000	0.0000000	316.7770297
6216	1.2980000	3.5000000	1.7000000	120.0000000	60.0000000	0.0000000	302.9131491
6217	1.2980000	4.0000000	1.7000000	120.0000000	60.0000000	0.0000000	300.0778104
6218	1.2980000	4.5000000	1.7000000	120.0000000	60.0000000	0.0000000	302.7686965
6219	1.2980000	5.0000000	1.7000000	120.0000000	60.0000000	0.0000000	302.9781592
6220	1.2980000	5.5000000	1.7000000	120.0000000	60.0000000	0.0000000	295.9914687
6221	1.2980000	6.0000000	1.7000000	120.0000000	60.0000000	0.0000000	286.6731412
6222	1.2980000	7.0000000	1.7000000	120.0000000	60.0000000	0.0000000	275.0574389
6223	1.2980000	8.0000000	1.7000000	120.0000000	60.0000000	0.0000000	271.3344879
6224	1.2980000	9.0000000	1.7000000	120.0000000	60.0000000	0.0000000	270.4998375
6225	1.2980000	10.0000000	1.7000000	120.0000000	60.0000000	0.0000000	270.3634169
6226	1.2980000	0.8000000	1.8000000	120.0000000	60.0000000	0.0000000	561.8428854
6227	1.2980000	0.9000000	1.8000000	120.0000000	60.0000000	0.0000000	340.5490966
6228	1.2980000	1.0000000	1.8000000	120.0000000	60.0000000	0.0000000	243.6879265
6229	1.2980000	1.1000000	1.8000000	120.0000000	60.0000000	0.0000000	215.4035017
6230	1.2980000	1.2000000	1.8000000	120.0000000	60.0000000	0.0000000	219.0125596
6231	1.2980000	1.3000000	1.8000000	120.0000000	60.0000000	0.0000000	236.1907570
6232	1.2980000	1.4000000	1.8000000	120.0000000	60.0000000	0.0000000	257.5477282
6233	1.2980000	1.5000000	1.8000000	120.0000000	60.0000000	0.0000000	278.6453498
6234	1.2980000	1.6000000	1.8000000	120.0000000	60.0000000	0.0000000	297.5916806
6235	1.2980000	1.7000000	1.8000000	120.0000000	60.0000000	0.0000000	313.2627256
6236	1.2980000	1.8000000	1.8000000	120.0000000	60.0000000	0.0000000	325.0542561
6237	1.2980000	2.0000000	1.8000000	120.0000000	60.0000000	0.0000000	338.6090256
6238	1.2980000	2.2000000	1.8000000	120.0000000	60.0000000	0.0000000	345.0178426
6239	1.2980000	2.4000000	1.8000000	120.0000000	60.0000000	0.0000000	343.1248975
6240	1.2980000	2.6000000	1.8000000	120.0000000	60.0000000	0.0000000	335.6395880
6241	1.2980000	2.8000000	1.8000000	120.0000000	60.0000000	0.0000000	327.1101655
6242	1.2980000	3.0000000	1.8000000	120.0000000	60.0000000	0.0000000	319.2824868
6243	1.2980000	3.5000000	1.8000000	120.0000000	60.0000000	0.0000000	306.1326492
6244	1.2980000	4.0000000	1.8000000	120.0000000	60.0000000	0.0000000	301.9304693
6245	1.2980000	4.5000000	1.8000000	120.0000000	60.0000000	0.0000000	302.0763653
6246	1.2980000	5.0000000	1.8000000	120.0000000	60.0000000	0.0000000	300.1298309
6247	1.2980000	5.5000000	1.8000000	120.0000000	60.0000000	0.0000000	293.2294229
6248	1.2980000	6.0000000	1.8000000	120.0000000	60.0000000	0.0000000	285.1085091
6249	1.2980000	7.0000000	1.8000000	120.0000000	60.0000000	0.0000000	274.7935711

6250	1.2980000	8.0000000	1.8000000	120.0000000	60.0000000	0.0000000	271.3166666
6251	1.2980000	9.0000000	1.8000000	120.0000000	60.0000000	0.0000000	270.5034143
6252	1.2980000	10.0000000	1.8000000	120.0000000	60.0000000	0.0000000	270.3654250
6253	1.2980000	0.8000000	1.9000000	120.0000000	60.0000000	0.0000000	515.8357733
6254	1.2980000	0.9000000	1.9000000	120.0000000	60.0000000	0.0000000	296.0146237
6255	1.2980000	1.0000000	1.9000000	120.0000000	60.0000000	0.0000000	201.6096512
6256	1.2980000	1.1000000	1.9000000	120.0000000	60.0000000	0.0000000	176.8773693
6257	1.2980000	1.2000000	1.9000000	120.0000000	60.0000000	0.0000000	184.9126281
6258	1.2980000	1.3000000	1.9000000	120.0000000	60.0000000	0.0000000	206.9713431
6259	1.2980000	1.4000000	1.9000000	120.0000000	60.0000000	0.0000000	233.2034982
6260	1.2980000	1.5000000	1.9000000	120.0000000	60.0000000	0.0000000	258.8916653
6261	1.2980000	1.6000000	1.9000000	120.0000000	60.0000000	0.0000000	282.0985344
6262	1.2980000	1.7000000	1.9000000	120.0000000	60.0000000	0.0000000	302.2525699
6263	1.2980000	1.8000000	1.9000000	120.0000000	60.0000000	0.0000000	319.5675016
6264	1.2980000	2.0000000	1.9000000	120.0000000	60.0000000	0.0000000	345.2657088
6265	1.2980000	2.2000000	1.9000000	120.0000000	60.0000000	0.0000000	345.0851744
6266	1.2980000	2.4000000	1.9000000	120.0000000	60.0000000	0.0000000	340.6904117
6267	1.2980000	2.6000000	1.9000000	120.0000000	60.0000000	0.0000000	333.9543486
6268	1.2980000	2.8000000	1.9000000	120.0000000	60.0000000	0.0000000	326.7327185
6269	1.2980000	3.0000000	1.9000000	120.0000000	60.0000000	0.0000000	320.0392632
6270	1.2980000	3.5000000	1.9000000	120.0000000	60.0000000	0.0000000	308.0228333
6271	1.2980000	4.0000000	1.9000000	120.0000000	60.0000000	0.0000000	302.7394545
6272	1.2980000	4.5000000	1.9000000	120.0000000	60.0000000	0.0000000	300.6805332
6273	1.2980000	5.0000000	1.9000000	120.0000000	60.0000000	0.0000000	297.0997131
6274	1.2980000	5.5000000	1.9000000	120.0000000	60.0000000	0.0000000	290.5300027
6275	1.2980000	6.0000000	1.9000000	120.0000000	60.0000000	0.0000000	283.5272480
6276	1.2980000	7.0000000	1.9000000	120.0000000	60.0000000	0.0000000	274.4862797
6277	1.2980000	8.0000000	1.9000000	120.0000000	60.0000000	0.0000000	271.2859186
6278	1.2980000	9.0000000	1.9000000	120.0000000	60.0000000	0.0000000	270.5047948
6279	1.2980000	10.0000000	1.9000000	120.0000000	60.0000000	0.0000000	270.3671820
6280	1.2980000	0.8000000	2.0000000	120.0000000	60.0000000	0.0000000	480.0964104
6281	1.2980000	0.9000000	2.0000000	120.0000000	60.0000000	0.0000000	258.2094997
6282	1.2980000	1.0000000	2.0000000	120.0000000	60.0000000	0.0000000	167.7343680
6283	1.2980000	1.1000000	2.0000000	120.0000000	60.0000000	0.0000000	144.9733443
6284	1.2980000	1.2000000	2.0000000	120.0000000	60.0000000	0.0000000	155.5894241
6285	1.2980000	1.3000000	2.0000000	120.0000000	60.0000000	0.0000000	180.6308172
6286	1.2980000	1.4000000	2.0000000	120.0000000	60.0000000	0.0000000	209.8988004
6287	1.2980000	1.5000000	2.0000000	120.0000000	60.0000000	0.0000000	238.3597435
6288	1.2980000	1.6000000	2.0000000	120.0000000	60.0000000	0.0000000	263.9613771
6289	1.2980000	1.7000000	2.0000000	120.0000000	60.0000000	0.0000000	286.2229659
6290	1.2980000	1.8000000	2.0000000	120.0000000	60.0000000	0.0000000	305.2004211
6291	1.2980000	2.0000000	2.0000000	120.0000000	60.0000000	0.0000000	329.1459317
6292	1.2980000	2.2000000	2.0000000	120.0000000	60.0000000	0.0000000	334.8262102
6293	1.2980000	2.4000000	2.0000000	120.0000000	60.0000000	0.0000000	333.2688572
6294	1.2980000	2.6000000	2.0000000	120.0000000	60.0000000	0.0000000	328.9089841
6295	1.2980000	2.8000000	2.0000000	120.0000000	60.0000000	0.0000000	323.6326962
6296	1.2980000	3.0000000	2.0000000	120.0000000	60.0000000	0.0000000	318.3999574
6297	1.2980000	3.5000000	2.0000000	120.0000000	60.0000000	0.0000000	308.0074593
6298	1.2980000	4.0000000	2.0000000	120.0000000	60.0000000	0.0000000	302.1111293
6299	1.2980000	4.5000000	2.0000000	120.0000000	60.0000000	0.0000000	298.4500507
6300	1.2980000	5.0000000	2.0000000	120.0000000	60.0000000	0.0000000	293.9496155
6301	1.2980000	5.5000000	2.0000000	120.0000000	60.0000000	0.0000000	287.9375728
6302	1.2980000	6.0000000	2.0000000	120.0000000	60.0000000	0.0000000	281.9715892
6303	1.2980000	7.0000000	2.0000000	120.0000000	60.0000000	0.0000000	274.1476129
6304	1.2980000	8.0000000	2.0000000	120.0000000	60.0000000	0.0000000	271.2434990
6305	1.2980000	9.0000000	2.0000000	120.0000000	60.0000000	0.0000000	270.5037908

6306	1.2980000	10.0000000	2.0000000	120.0000000	60.0000000	0.0000000	270.3685625
6307	1.2980000	0.8000000	2.2000000	120.0000000	60.0000000	0.0000000	432.4776030
6308	1.2980000	0.9000000	2.2000000	120.0000000	60.0000000	0.0000000	210.5189052
6309	1.2980000	1.0000000	2.2000000	120.0000000	60.0000000	0.0000000	120.8625478
6310	1.2980000	1.1000000	2.2000000	120.0000000	60.0000000	0.0000000	99.6657798
6311	1.2980000	1.2000000	2.2000000	120.0000000	60.0000000	0.0000000	112.5391994
6312	1.2980000	1.3000000	2.2000000	120.0000000	60.0000000	0.0000000	140.3821712
6313	1.2980000	1.4000000	2.2000000	120.0000000	60.0000000	0.0000000	172.6808369
6314	1.2980000	1.5000000	2.2000000	120.0000000	60.0000000	0.0000000	203.9427315
6315	1.2980000	1.6000000	2.2000000	120.0000000	60.0000000	0.0000000	231.6370463
6316	1.2980000	1.7000000	2.2000000	120.0000000	60.0000000	0.0000000	254.8953711
6317	1.2980000	1.8000000	2.2000000	120.0000000	60.0000000	0.0000000	273.5842349
6318	1.2980000	2.0000000	2.2000000	120.0000000	60.0000000	0.0000000	297.4594643
6319	1.2980000	2.2000000	2.2000000	120.0000000	60.0000000	0.0000000	307.6623918
6320	1.2980000	2.4000000	2.2000000	120.0000000	60.0000000	0.0000000	310.8923713
6321	1.2980000	2.6000000	2.2000000	120.0000000	60.0000000	0.0000000	310.9578206
6322	1.2980000	2.8000000	2.2000000	120.0000000	60.0000000	0.0000000	309.5649378
6323	1.2980000	3.0000000	2.2000000	120.0000000	60.0000000	0.0000000	307.4962901
6324	1.2980000	3.5000000	2.2000000	120.0000000	60.0000000	0.0000000	301.6543024
6325	1.2980000	4.0000000	2.2000000	120.0000000	60.0000000	0.0000000	296.5283658
6326	1.2980000	4.5000000	2.2000000	120.0000000	60.0000000	0.0000000	292.1402548
6327	1.2980000	5.0000000	2.2000000	120.0000000	60.0000000	0.0000000	287.7545283
6328	1.2980000	5.5000000	2.2000000	120.0000000	60.0000000	0.0000000	283.2326950
6329	1.2980000	6.0000000	2.2000000	120.0000000	60.0000000	0.0000000	279.0705502
6330	1.2980000	7.0000000	2.2000000	120.0000000	60.0000000	0.0000000	273.4246591
6331	1.2980000	8.0000000	2.2000000	120.0000000	60.0000000	0.0000000	271.1313631
6332	1.2980000	9.0000000	2.2000000	120.0000000	60.0000000	0.0000000	270.4955077
6333	1.2980000	10.0000000	2.2000000	120.0000000	60.0000000	0.0000000	270.3704450
6334	1.2980000	0.8000000	2.4000000	120.0000000	60.0000000	0.0000000	406.1867758
6335	1.2980000	0.9000000	2.4000000	120.0000000	60.0000000	0.0000000	183.6679003
6336	1.2980000	1.0000000	2.4000000	120.0000000	60.0000000	0.0000000	93.9181695
6337	1.2980000	1.1000000	2.4000000	120.0000000	60.0000000	0.0000000	72.9939916
6338	1.2980000	1.2000000	2.4000000	120.0000000	60.0000000	0.0000000	86.4719538
6339	1.2980000	1.3000000	2.4000000	120.0000000	60.0000000	0.0000000	115.2046086
6340	1.2980000	1.4000000	2.4000000	120.0000000	60.0000000	0.0000000	148.5935092
6341	1.2980000	1.5000000	2.4000000	120.0000000	60.0000000	0.0000000	181.0055031
6342	1.2980000	1.6000000	2.4000000	120.0000000	60.0000000	0.0000000	209.7254822
6343	1.2980000	1.7000000	2.4000000	120.0000000	60.0000000	0.0000000	233.7251468
6344	1.2980000	1.8000000	2.4000000	120.0000000	60.0000000	0.0000000	252.8691431
6345	1.2980000	2.0000000	2.4000000	120.0000000	60.0000000	0.0000000	277.5241158
6346	1.2980000	2.2000000	2.4000000	120.0000000	60.0000000	0.0000000	288.6691234
6347	1.2980000	2.4000000	2.4000000	120.0000000	60.0000000	0.0000000	292.9897771
6348	1.2980000	2.6000000	2.4000000	120.0000000	60.0000000	0.0000000	294.3967788
6349	1.2980000	2.8000000	2.4000000	120.0000000	60.0000000	0.0000000	294.5444946
6350	1.2980000	3.0000000	2.4000000	120.0000000	60.0000000	0.0000000	294.0743644
6351	1.2980000	3.5000000	2.4000000	120.0000000	60.0000000	0.0000000	291.6601472
6352	1.2980000	4.0000000	2.4000000	120.0000000	60.0000000	0.0000000	288.6196128
6353	1.2980000	4.5000000	2.4000000	120.0000000	60.0000000	0.0000000	285.5037773
6354	1.2980000	5.0000000	2.4000000	120.0000000	60.0000000	0.0000000	282.3891968
6355	1.2980000	5.5000000	2.4000000	120.0000000	60.0000000	0.0000000	279.3496664
6356	1.2980000	6.0000000	2.4000000	120.0000000	60.0000000	0.0000000	276.5967823
6357	1.2980000	7.0000000	2.4000000	120.0000000	60.0000000	0.0000000	272.7127497
6358	1.2980000	8.0000000	2.4000000	120.0000000	60.0000000	0.0000000	270.9970760
6359	1.2980000	9.0000000	2.4000000	120.0000000	60.0000000	0.0000000	270.4801965
6360	1.2980000	10.0000000	2.4000000	120.0000000	60.0000000	0.0000000	270.3710725
6361	1.2980000	0.8000000	2.6000000	120.0000000	60.0000000	0.0000000	392.1456238

6362	1.2980000	0.9000000	2.6000000	120.0000000	60.0000000	0.0000000	169.0831368
6363	1.2980000	1.0000000	2.6000000	120.0000000	60.0000000	0.0000000	79.0455047
6364	1.2980000	1.1000000	2.6000000	120.0000000	60.0000000	0.0000000	58.0252551
6365	1.2980000	1.2000000	2.6000000	120.0000000	60.0000000	0.0000000	71.5783303
6366	1.2980000	1.3000000	2.6000000	120.0000000	60.0000000	0.0000000	100.5375159
6367	1.2980000	1.4000000	2.6000000	120.0000000	60.0000000	0.0000000	134.2776963
6368	1.2980000	1.5000000	2.6000000	120.0000000	60.0000000	0.0000000	167.1256210
6369	1.2980000	1.6000000	2.6000000	120.0000000	60.0000000	0.0000000	196.3077609
6370	1.2980000	1.7000000	2.6000000	120.0000000	60.0000000	0.0000000	220.7296138
6371	1.2980000	1.8000000	2.6000000	120.0000000	60.0000000	0.0000000	240.2282158
6372	1.2980000	2.0000000	2.6000000	120.0000000	60.0000000	0.0000000	265.5041091
6373	1.2980000	2.2000000	2.6000000	120.0000000	60.0000000	0.0000000	277.0752583
6374	1.2980000	2.4000000	2.6000000	120.0000000	60.0000000	0.0000000	281.7125533
6375	1.2980000	2.6000000	2.6000000	120.0000000	60.0000000	0.0000000	283.4949312
6376	1.2980000	2.8000000	2.6000000	120.0000000	60.0000000	0.0000000	284.1270842
6377	1.2980000	3.0000000	2.6000000	120.0000000	60.0000000	0.0000000	284.2370867
6378	1.2980000	3.5000000	2.6000000	120.0000000	60.0000000	0.0000000	283.4562139
6379	1.2980000	4.0000000	2.6000000	120.0000000	60.0000000	0.0000000	281.9490617
6380	1.2980000	4.5000000	2.6000000	120.0000000	60.0000000	0.0000000	280.1490507
6381	1.2980000	5.0000000	2.6000000	120.0000000	60.0000000	0.0000000	278.2439947
6382	1.2980000	5.5000000	2.6000000	120.0000000	60.0000000	0.0000000	276.3590818
6383	1.2980000	6.0000000	2.6000000	120.0000000	60.0000000	0.0000000	274.6277831
6384	1.2980000	7.0000000	2.6000000	120.0000000	60.0000000	0.0000000	272.0764551
6385	1.2980000	8.0000000	2.6000000	120.0000000	60.0000000	0.0000000	270.8580827
6386	1.2980000	9.0000000	2.6000000	120.0000000	60.0000000	0.0000000	270.4603672
6387	1.2980000	10.0000000	2.6000000	120.0000000	60.0000000	0.0000000	270.3705705
6388	1.2980000	0.8000000	2.8000000	120.0000000	60.0000000	0.0000000	384.4367327
6389	1.2980000	0.9000000	2.8000000	120.0000000	60.0000000	0.0000000	161.3589345
6390	1.2980000	1.0000000	2.8000000	120.0000000	60.0000000	0.0000000	71.0620155
6391	1.2980000	1.1000000	2.8000000	120.0000000	60.0000000	0.0000000	49.8856415
6392	1.2980000	1.2000000	2.8000000	120.0000000	60.0000000	0.0000000	63.3736439
6393	1.2980000	1.3000000	2.8000000	120.0000000	60.0000000	0.0000000	92.3494586
6394	1.2980000	1.4000000	2.8000000	120.0000000	60.0000000	0.0000000	126.1781178
6395	1.2980000	1.5000000	2.8000000	120.0000000	60.0000000	0.0000000	159.1734445
6396	1.2980000	1.6000000	2.8000000	120.0000000	60.0000000	0.0000000	188.5420801
6397	1.2980000	1.7000000	2.8000000	120.0000000	60.0000000	0.0000000	213.1616613
6398	1.2980000	1.8000000	2.8000000	120.0000000	60.0000000	0.0000000	232.8505869
6399	1.2980000	2.0000000	2.8000000	120.0000000	60.0000000	0.0000000	258.4942008
6400	1.2980000	2.2000000	2.8000000	120.0000000	60.0000000	0.0000000	270.2889944
6401	1.2980000	2.4000000	2.8000000	120.0000000	60.0000000	0.0000000	275.0361036
6402	1.2980000	2.6000000	2.8000000	120.0000000	60.0000000	0.0000000	276.9286093
6403	1.2980000	2.8000000	2.8000000	120.0000000	60.0000000	0.0000000	277.7163847
6404	1.2980000	3.0000000	2.8000000	120.0000000	60.0000000	0.0000000	278.0352223
6405	1.2980000	3.5000000	2.8000000	120.0000000	60.0000000	0.0000000	277.9628705
6406	1.2980000	4.0000000	2.8000000	120.0000000	60.0000000	0.0000000	277.2995302
6407	1.2980000	4.5000000	2.8000000	120.0000000	60.0000000	0.0000000	276.3608388
6408	1.2980000	5.0000000	2.8000000	120.0000000	60.0000000	0.0000000	275.2910606
6409	1.2980000	5.5000000	2.8000000	120.0000000	60.0000000	0.0000000	274.1915385
6410	1.2980000	6.0000000	2.8000000	120.0000000	60.0000000	0.0000000	273.1530730
6411	1.2980000	7.0000000	2.8000000	120.0000000	60.0000000	0.0000000	271.5514179
6412	1.2980000	8.0000000	2.8000000	120.0000000	60.0000000	0.0000000	270.7288157
6413	1.2980000	9.0000000	2.8000000	120.0000000	60.0000000	0.0000000	270.4387809
6414	1.2980000	10.0000000	2.8000000	120.0000000	60.0000000	0.0000000	270.3692528
6415	1.2980000	0.8000000	3.0000000	120.0000000	60.0000000	0.0000000	380.8023233
6416	1.2980000	0.9000000	3.0000000	120.0000000	60.0000000	0.0000000	157.3565536
6417	1.2980000	1.0000000	3.0000000	120.0000000	60.0000000	0.0000000	66.8791000

6418	1.2980000	1.1000000	3.0000000	120.0000000	60.0000000	0.0000000	45.5766594
6419	1.2980000	1.2000000	3.0000000	120.0000000	60.0000000	0.0000000	58.9865997
6420	1.2980000	1.3000000	3.0000000	120.0000000	60.0000000	0.0000000	87.9273993
6421	1.2980000	1.4000000	3.0000000	120.0000000	60.0000000	0.0000000	121.7601374
6422	1.2980000	1.5000000	3.0000000	120.0000000	60.0000000	0.0000000	154.7942441
6423	1.2980000	1.6000000	3.0000000	120.0000000	60.0000000	0.0000000	184.2287683
6424	1.2980000	1.7000000	3.0000000	120.0000000	60.0000000	0.0000000	208.9291727
6425	1.2980000	1.8000000	3.0000000	120.0000000	60.0000000	0.0000000	228.7040670
6426	1.2980000	2.0000000	3.0000000	120.0000000	60.0000000	0.0000000	254.5339258
6427	1.2980000	2.2000000	3.0000000	120.0000000	60.0000000	0.0000000	266.4362745
6428	1.2980000	2.4000000	3.0000000	120.0000000	60.0000000	0.0000000	271.2132531
6429	1.2980000	2.6000000	3.0000000	120.0000000	60.0000000	0.0000000	273.1261529
6430	1.2980000	2.8000000	3.0000000	120.0000000	60.0000000	0.0000000	273.9549046
6431	1.2980000	3.0000000	3.0000000	120.0000000	60.0000000	0.0000000	274.3433958
6432	1.2980000	3.5000000	3.0000000	120.0000000	60.0000000	0.0000000	274.5657852
6433	1.2980000	4.0000000	3.0000000	120.0000000	60.0000000	0.0000000	274.3250725
6434	1.2980000	4.5000000	3.0000000	120.0000000	60.0000000	0.0000000	273.8745207
6435	1.2980000	5.0000000	3.0000000	120.0000000	60.0000000	0.0000000	273.3113938
6436	1.2980000	5.5000000	3.0000000	120.0000000	60.0000000	0.0000000	272.7032115
6437	1.2980000	6.0000000	3.0000000	120.0000000	60.0000000	0.0000000	272.1084580
6438	1.2980000	7.0000000	3.0000000	120.0000000	60.0000000	0.0000000	271.1471763
6439	1.2980000	8.0000000	3.0000000	120.0000000	60.0000000	0.0000000	270.6183113
6440	1.2980000	9.0000000	3.0000000	120.0000000	60.0000000	0.0000000	270.4178848
6441	1.2980000	10.0000000	3.0000000	120.0000000	60.0000000	0.0000000	270.3676212
6442	1.2980000	0.8000000	3.5000000	120.0000000	60.0000000	0.0000000	377.9395624
6443	1.2980000	0.9000000	3.5000000	120.0000000	60.0000000	0.0000000	154.0724827
6444	1.2980000	1.0000000	3.5000000	120.0000000	60.0000000	0.0000000	63.4036388
6445	1.2980000	1.1000000	3.5000000	120.0000000	60.0000000	0.0000000	41.9543610
6446	1.2980000	1.2000000	3.5000000	120.0000000	60.0000000	0.0000000	55.2560558
6447	1.2980000	1.3000000	3.5000000	120.0000000	60.0000000	0.0000000	84.1233741
6448	1.2980000	1.4000000	3.5000000	120.0000000	60.0000000	0.0000000	117.9151986
6449	1.2980000	1.5000000	3.5000000	120.0000000	60.0000000	0.0000000	150.9388887
6450	1.2980000	1.6000000	3.5000000	120.0000000	60.0000000	0.0000000	180.3895398
6451	1.2980000	1.7000000	3.5000000	120.0000000	60.0000000	0.0000000	205.1232022
6452	1.2980000	1.8000000	3.5000000	120.0000000	60.0000000	0.0000000	224.9412064
6453	1.2980000	2.0000000	3.5000000	120.0000000	60.0000000	0.0000000	250.8944335
6454	1.2980000	2.2000000	3.5000000	120.0000000	60.0000000	0.0000000	262.8585920
6455	1.2980000	2.4000000	3.5000000	120.0000000	60.0000000	0.0000000	267.6163687
6456	1.2980000	2.6000000	3.5000000	120.0000000	60.0000000	0.0000000	269.4953204
6457	1.2980000	2.8000000	3.5000000	120.0000000	60.0000000	0.0000000	270.3070666
6458	1.2980000	3.0000000	3.5000000	120.0000000	60.0000000	0.0000000	270.7055351
6459	1.2980000	3.5000000	3.5000000	120.0000000	60.0000000	0.0000000	271.0777738
6460	1.2980000	4.0000000	3.5000000	120.0000000	60.0000000	0.0000000	271.1433485
6461	1.2980000	4.5000000	3.5000000	120.0000000	60.0000000	0.0000000	271.1107808
6462	1.2980000	5.0000000	3.5000000	120.0000000	60.0000000	0.0000000	271.0292045
6463	1.2980000	5.5000000	3.5000000	120.0000000	60.0000000	0.0000000	270.9206453
6464	1.2980000	6.0000000	3.5000000	120.0000000	60.0000000	0.0000000	270.8011676
6465	1.2980000	7.0000000	3.5000000	120.0000000	60.0000000	0.0000000	270.5814138
6466	1.2980000	8.0000000	3.5000000	120.0000000	60.0000000	0.0000000	270.4399104
6467	1.2980000	9.0000000	3.5000000	120.0000000	60.0000000	0.0000000	270.3785399
6468	1.2980000	10.0000000	3.5000000	120.0000000	60.0000000	0.0000000	270.3642327
6469	1.2980000	0.8000000	4.0000000	120.0000000	60.0000000	0.0000000	377.5892238
6470	1.2980000	0.9000000	4.0000000	120.0000000	60.0000000	0.0000000	153.5980855
6471	1.2980000	1.0000000	4.0000000	120.0000000	60.0000000	0.0000000	62.8910891
6472	1.2980000	1.1000000	4.0000000	120.0000000	60.0000000	0.0000000	41.4101848
6473	1.2980000	1.2000000	4.0000000	120.0000000	60.0000000	0.0000000	54.6856497

6474	1.2980000	1.3000000	4.0000000	120.0000000	60.0000000	0.0000000	83.5315072
6475	1.2980000	1.4000000	4.0000000	120.0000000	60.0000000	0.0000000	117.3061379
6476	1.2980000	1.5000000	4.0000000	120.0000000	60.0000000	0.0000000	150.3171522
6477	1.2980000	1.6000000	4.0000000	120.0000000	60.0000000	0.0000000	179.7591438
6478	1.2980000	1.7000000	4.0000000	120.0000000	60.0000000	0.0000000	204.4860291
6479	1.2980000	1.8000000	4.0000000	120.0000000	60.0000000	0.0000000	224.2985740
6480	1.2980000	2.0000000	4.0000000	120.0000000	60.0000000	0.0000000	250.2548758
6481	1.2980000	2.2000000	4.0000000	120.0000000	60.0000000	0.0000000	262.2148927
6482	1.2980000	2.4000000	4.0000000	120.0000000	60.0000000	0.0000000	266.9512714
6483	1.2980000	2.6000000	4.0000000	120.0000000	60.0000000	0.0000000	268.8052481
6484	1.2980000	2.8000000	4.0000000	120.0000000	60.0000000	0.0000000	269.5954708
6485	1.2980000	3.0000000	4.0000000	120.0000000	60.0000000	0.0000000	269.9778751
6486	1.2980000	3.5000000	4.0000000	120.0000000	60.0000000	0.0000000	270.3363713
6487	1.2980000	4.0000000	4.0000000	120.0000000	60.0000000	0.0000000	270.4253522
6488	1.2980000	4.5000000	4.0000000	120.0000000	60.0000000	0.0000000	270.4496995
6489	1.2980000	5.0000000	4.0000000	120.0000000	60.0000000	0.0000000	270.4511428
6490	1.2980000	5.5000000	4.0000000	120.0000000	60.0000000	0.0000000	270.4420439
6491	1.2980000	6.0000000	4.0000000	120.0000000	60.0000000	0.0000000	270.4274230
6492	1.2980000	7.0000000	4.0000000	120.0000000	60.0000000	0.0000000	270.3940394
6493	1.2980000	8.0000000	4.0000000	120.0000000	60.0000000	0.0000000	270.3703195
6494	1.2980000	9.0000000	4.0000000	120.0000000	60.0000000	0.0000000	270.3619109
6495	1.2980000	10.0000000	4.0000000	120.0000000	60.0000000	0.0000000	270.3646720
6496	1.2980000	0.8000000	10.0000000	120.0000000	60.0000000	0.0000000	377.7597181
6497	1.2980000	0.9000000	10.0000000	120.0000000	60.0000000	0.0000000	153.6782813
6498	1.2980000	1.0000000	10.0000000	120.0000000	60.0000000	0.0000000	62.9584837
6499	1.2980000	1.1000000	10.0000000	120.0000000	60.0000000	0.0000000	41.4728102
6500	1.2980000	1.2000000	10.0000000	120.0000000	60.0000000	0.0000000	54.7480242
6501	1.2980000	1.3000000	10.0000000	120.0000000	60.0000000	0.0000000	83.5956386
6502	1.2980000	1.4000000	10.0000000	120.0000000	60.0000000	0.0000000	117.3720264
6503	1.2980000	1.5000000	10.0000000	120.0000000	60.0000000	0.0000000	150.3832918
6504	1.2980000	1.6000000	10.0000000	120.0000000	60.0000000	0.0000000	179.8230242
6505	1.2980000	1.7000000	10.0000000	120.0000000	60.0000000	0.0000000	204.5436345
6506	1.2980000	1.8000000	10.0000000	120.0000000	60.0000000	0.0000000	224.3458882
6507	1.2980000	2.0000000	10.0000000	120.0000000	60.0000000	0.0000000	250.2836786
6508	1.2980000	2.2000000	10.0000000	120.0000000	60.0000000	0.0000000	262.2259996
6509	1.2980000	2.4000000	10.0000000	120.0000000	60.0000000	0.0000000	266.9438668
6510	1.2980000	2.6000000	10.0000000	120.0000000	60.0000000	0.0000000	268.7817793
6511	1.2980000	2.8000000	10.0000000	120.0000000	60.0000000	0.0000000	269.5590753
6512	1.2980000	3.0000000	10.0000000	120.0000000	60.0000000	0.0000000	269.9312512
6513	1.2980000	3.5000000	10.0000000	120.0000000	60.0000000	0.0000000	270.2734321
6514	1.2980000	4.0000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3546318
6515	1.2980000	4.5000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3789164
6516	1.2980000	5.0000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3877643
6517	1.2980000	5.5000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3919686
6518	1.2980000	6.0000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3942904
6519	1.2980000	7.0000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3958592
6520	1.2980000	8.0000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3962984
6521	1.2980000	9.0000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3964239
6522	1.2980000	10.0000000	10.0000000	120.0000000	60.0000000	0.0000000	270.3964867
6523	1.0980000	0.7990000	1.6505000	0.0000000	0.0000000	0.0000000	1619.6701187
6524	1.0980000	0.8490000	1.6755000	0.0000000	0.0000000	0.0000000	1464.5272492
6525	1.0980000	0.8990000	1.7005000	0.0000000	0.0000000	0.0000000	1353.8320051
6526	1.0980000	0.9490000	1.7255000	0.0000000	0.0000000	0.0000000	1275.9018546
6527	1.0980000	0.9990000	1.7505000	0.0000000	0.0000000	0.0000000	1222.1362782
6528	1.0980000	1.0490000	1.7755000	0.0000000	0.0000000	0.0000000	1186.1718904
6529	1.0980000	1.0990000	1.8005000	0.0000000	0.0000000	0.0000000	1163.2655983

6530	1.0980000	1.1490000	1.8255000	0.0000000	0.0000000	0.0000000	1149.8495713
6531	1.0980000	1.1990000	1.8505000	0.0000000	0.0000000	0.0000000	1143.2145998
6532	1.0980000	1.2490000	1.8755000	0.0000000	0.0000000	0.0000000	1141.2876437
6533	1.0980000	1.2990000	1.9005000	0.0000000	0.0000000	0.0000000	1142.4686793
6534	1.0980000	1.3490000	1.9255000	0.0000000	0.0000000	0.0000000	1145.5136691
6535	1.0980000	1.3990000	1.9505000	0.0000000	0.0000000	0.0000000	1149.4659120
6536	1.0980000	1.4490000	1.9755000	0.0000000	0.0000000	0.0000000	1154.2576371
6537	1.0980000	1.5490000	2.0255000	0.0000000	0.0000000	0.0000000	1161.8449796
6538	1.0980000	1.6490000	2.0755000	0.0000000	0.0000000	0.0000000	1167.1302409
6539	1.0980000	1.7490000	2.1255000	0.0000000	0.0000000	0.0000000	1170.3233856
6540	1.0980000	1.8490000	2.1755000	0.0000000	0.0000000	0.0000000	1172.1194432
6541	1.0980000	1.9490000	2.2255000	0.0000000	0.0000000	0.0000000	1173.1068921
6542	1.0980000	2.0490000	2.2755000	0.0000000	0.0000000	0.0000000	1173.6658775
6543	1.0980000	2.2990000	2.4005000	0.0000000	0.0000000	0.0000000	1174.3865722
6544	1.0980000	2.5490000	2.5255000	0.0000000	0.0000000	0.0000000	1174.9077816
6545	1.0980000	2.7990000	2.6505000	0.0000000	0.0000000	0.0000000	1175.3874498
6546	1.0980000	3.0490000	2.7755000	0.0000000	0.0000000	0.0000000	1175.7917542
6547	1.0980000	3.2990000	2.9005000	0.0000000	0.0000000	0.0000000	1176.1018066
6548	1.0980000	3.5490000	3.0255000	0.0000000	0.0000000	0.0000000	1176.3272080
6549	1.0980000	4.0490000	3.2755000	0.0000000	0.0000000	0.0000000	1176.5950291
6550	1.0980000	4.5490000	3.5255000	0.0000000	0.0000000	0.0000000	1176.7236058
6551	1.0980000	5.0490000	3.7755000	0.0000000	0.0000000	0.0000000	1176.7918160
6552	1.0980000	5.5490000	4.0255000	0.0000000	0.0000000	0.0000000	1176.8304706
6553	1.0980000	6.5490000	4.5255000	0.0000000	0.0000000	0.0000000	1176.8688742
6554	1.0980000	7.5490000	5.0255000	0.0000000	0.0000000	0.0000000	1176.8848129
6555	1.0980000	0.7990000	1.7505000	0.0000000	0.0000000	0.0000000	1109.8777198
6556	1.0980000	0.8490000	1.7755000	0.0000000	0.0000000	0.0000000	959.2392387
6557	1.0980000	0.8990000	1.8005000	0.0000000	0.0000000	0.0000000	852.5808886
6558	1.0980000	0.9490000	1.8255000	0.0000000	0.0000000	0.0000000	778.2368293
6559	1.0980000	0.9990000	1.8505000	0.0000000	0.0000000	0.0000000	727.6205345
6560	1.0980000	1.0490000	1.8755000	0.0000000	0.0000000	0.0000000	694.3850600
6561	1.0980000	1.0990000	1.9005000	0.0000000	0.0000000	0.0000000	673.8157387
6562	1.0980000	1.1490000	1.9255000	0.0000000	0.0000000	0.0000000	662.3932465
6563	1.0980000	1.1990000	1.9505000	0.0000000	0.0000000	0.0000000	657.4838633
6564	1.0980000	1.2490000	1.9755000	0.0000000	0.0000000	0.0000000	657.1174606
6565	1.0980000	1.2990000	2.0005000	0.0000000	0.0000000	0.0000000	659.8202694
6566	1.0980000	1.3490000	2.0255000	0.0000000	0.0000000	0.0000000	664.4689851
6567	1.0980000	1.3990000	2.0505000	0.0000000	0.0000000	0.0000000	670.1521501
6568	1.0980000	1.4490000	2.0755000	0.0000000	0.0000000	0.0000000	676.0914018
6569	1.0980000	1.5490000	2.1255000	0.0000000	0.0000000	0.0000000	686.5549340
6570	1.0980000	1.6490000	2.1755000	0.0000000	0.0000000	0.0000000	693.7668376
6571	1.0980000	1.7490000	2.2255000	0.0000000	0.0000000	0.0000000	699.0641472
6572	1.0980000	1.8490000	2.2755000	0.0000000	0.0000000	0.0000000	701.5189014
6573	1.0980000	1.9490000	2.3255000	0.0000000	0.0000000	0.0000000	702.8071784
6574	1.0980000	2.0490000	2.3755000	0.0000000	0.0000000	0.0000000	703.4983173
6575	1.0980000	2.2990000	2.5005000	0.0000000	0.0000000	0.0000000	704.3138286
6576	1.0980000	2.5490000	2.6255000	0.0000000	0.0000000	0.0000000	704.8438859
6577	1.0980000	2.7990000	2.7505000	0.0000000	0.0000000	0.0000000	705.3098745
6578	1.0980000	3.0490000	2.8755000	0.0000000	0.0000000	0.0000000	705.7042014
6579	1.0980000	3.2990000	3.0005000	0.0000000	0.0000000	0.0000000	706.0116183
6580	1.0980000	3.5490000	3.1255000	0.0000000	0.0000000	0.0000000	706.2378982
6581	1.0980000	4.0490000	3.3755000	0.0000000	0.0000000	0.0000000	706.5097353
6582	1.0980000	4.5490000	3.6255000	0.0000000	0.0000000	0.0000000	706.6420143
6583	1.0980000	5.0490000	3.8755000	0.0000000	0.0000000	0.0000000	706.7125463
6584	1.0980000	5.5490000	4.1255000	0.0000000	0.0000000	0.0000000	706.7522678
6585	1.0980000	6.5490000	4.6255000	0.0000000	0.0000000	0.0000000	706.7904203

6586	1.0980000	7.5490000	5.1255000	0.0000000	0.0000000	0.0000000	706.8052923
6587	1.0980000	0.7990000	1.8505000	0.0000000	0.0000000	0.0000000	842.2651349
6588	1.0980000	0.8490000	1.8755000	0.0000000	0.0000000	0.0000000	695.1880211
6589	1.0980000	0.8990000	1.9005000	0.0000000	0.0000000	0.0000000	591.7550070
6590	1.0980000	0.9490000	1.9255000	0.0000000	0.0000000	0.0000000	520.3026995
6591	1.0980000	0.9990000	1.9505000	0.0000000	0.0000000	0.0000000	472.2489025
6592	1.0980000	1.0490000	1.9755000	0.0000000	0.0000000	0.0000000	441.2533230
6593	1.0980000	1.0990000	2.0005000	0.0000000	0.0000000	0.0000000	422.6153503
6594	1.0980000	1.1490000	2.0255000	0.0000000	0.0000000	0.0000000	412.8418275
6595	1.0980000	1.1990000	2.0505000	0.0000000	0.0000000	0.0000000	409.3383794
6596	1.0980000	1.2490000	2.0755000	0.0000000	0.0000000	0.0000000	410.1853289
6597	1.0980000	1.2990000	2.1005000	0.0000000	0.0000000	0.0000000	413.9739802
6598	1.0980000	1.3490000	2.1255000	0.0000000	0.0000000	0.0000000	419.6853204
6599	1.0980000	1.3990000	2.1505000	0.0000000	0.0000000	0.0000000	426.5882383
6600	1.0980000	1.4490000	2.1755000	0.0000000	0.0000000	0.0000000	434.0771874
6601	1.0980000	1.5490000	2.2255000	0.0000000	0.0000000	0.0000000	448.1119388
6602	1.0980000	1.6490000	2.2755000	0.0000000	0.0000000	0.0000000	458.0648666
6603	1.0980000	1.7490000	2.3255000	0.0000000	0.0000000	0.0000000	464.0081343
6604	1.0980000	1.8490000	2.3755000	0.0000000	0.0000000	0.0000000	468.2330301
6605	1.0980000	1.9490000	2.4255000	0.0000000	0.0000000	0.0000000	470.0652323
6606	1.0980000	2.0490000	2.4755000	0.0000000	0.0000000	0.0000000	471.0351737
6607	1.0980000	2.2990000	2.6005000	0.0000000	0.0000000	0.0000000	472.1018143
6608	1.0980000	2.5490000	2.7255000	0.0000000	0.0000000	0.0000000	472.6814447
6609	1.0980000	2.7990000	2.8505000	0.0000000	0.0000000	0.0000000	473.1555282
6610	1.0980000	3.0490000	2.9755000	0.0000000	0.0000000	0.0000000	473.5553145
6611	1.0980000	3.2990000	3.1005000	0.0000000	0.0000000	0.0000000	473.8693202
6612	1.0980000	3.5490000	3.2255000	0.0000000	0.0000000	0.0000000	474.1018124
6613	1.0980000	4.0490000	3.4755000	0.0000000	0.0000000	0.0000000	474.3840662
6614	1.0980000	4.5490000	3.7255000	0.0000000	0.0000000	0.0000000	474.5244401
6615	1.0980000	5.0490000	3.9755000	0.0000000	0.0000000	0.0000000	474.6005570
6616	1.0980000	5.5490000	4.2255000	0.0000000	0.0000000	0.0000000	474.6439806
6617	1.0980000	6.5490000	4.7255000	0.0000000	0.0000000	0.0000000	474.6862121
6618	1.0980000	7.5490000	5.2255000	0.0000000	0.0000000	0.0000000	474.7030921
6619	1.0980000	0.7990000	2.0505000	0.0000000	0.0000000	0.0000000	651.1139519
6620	1.0980000	0.8490000	2.0755000	0.0000000	0.0000000	0.0000000	508.3611315
6621	1.0980000	0.8990000	2.1005000	0.0000000	0.0000000	0.0000000	408.7346525
6622	1.0980000	0.9490000	2.1255000	0.0000000	0.0000000	0.0000000	346.4872187
6623	1.0980000	0.9990000	2.1505000	0.0000000	0.0000000	0.0000000	296.9732072
6624	1.0980000	1.0490000	2.1755000	0.0000000	0.0000000	0.0000000	268.7285665
6625	1.0980000	1.0990000	2.2005000	0.0000000	0.0000000	0.0000000	252.4903156
6626	1.0980000	1.1490000	2.2255000	0.0000000	0.0000000	0.0000000	244.7917156
6627	1.0980000	1.1990000	2.2505000	0.0000000	0.0000000	0.0000000	243.0593502
6628	1.0980000	1.2490000	2.2755000	0.0000000	0.0000000	0.0000000	245.3961955
6629	1.0980000	1.2990000	2.3005000	0.0000000	0.0000000	0.0000000	250.4202874
6630	1.0980000	1.3490000	2.3255000	0.0000000	0.0000000	0.0000000	257.1427963
6631	1.0980000	1.3990000	2.3505000	0.0000000	0.0000000	0.0000000	264.8770389
6632	1.0980000	1.4490000	2.3755000	0.0000000	0.0000000	0.0000000	273.1988813
6633	1.0980000	1.5490000	2.4255000	0.0000000	0.0000000	0.0000000	290.9186821
6634	1.0980000	1.6490000	2.4755000	0.0000000	0.0000000	0.0000000	305.4495424
6635	1.0980000	1.7490000	2.5255000	0.0000000	0.0000000	0.0000000	314.2742709
6636	1.0980000	1.8490000	2.5755000	0.0000000	0.0000000	0.0000000	319.1810185
6637	1.0980000	1.9490000	2.6255000	0.0000000	0.0000000	0.0000000	321.8553384
6638	1.0980000	2.0490000	2.6755000	0.0000000	0.0000000	0.0000000	323.3392727
6639	1.0980000	2.2990000	2.8005000	0.0000000	0.0000000	0.0000000	325.6764318
6640	1.0980000	2.5490000	2.9255000	0.0000000	0.0000000	0.0000000	326.3179975
6641	1.0980000	2.7990000	3.0505000	0.0000000	0.0000000	0.0000000	326.7783384

6642	1.0980000	3.0490000	3.1755000	0.0000000	0.0000000	0.0000000	327.1555344
6643	1.0980000	3.2990000	3.3005000	0.0000000	0.0000000	0.0000000	327.4523463
6644	1.0980000	3.5490000	3.4255000	0.0000000	0.0000000	0.0000000	327.6749867
6645	1.0980000	4.0490000	3.6755000	0.0000000	0.0000000	0.0000000	327.9529734
6646	1.0980000	4.5490000	3.9255000	0.0000000	0.0000000	0.0000000	328.0976771
6647	1.0980000	5.0490000	4.1755000	0.0000000	0.0000000	0.0000000	328.1792534
6648	1.0980000	5.5490000	4.4255000	0.0000000	0.0000000	0.0000000	328.2278853
6649	1.0980000	6.5490000	4.9255000	0.0000000	0.0000000	0.0000000	328.2777724
6650	1.0980000	7.5490000	5.4255000	0.0000000	0.0000000	0.0000000	328.2996724
6651	1.0980000	0.7990000	2.2505000	0.0000000	0.0000000	0.0000000	647.4201174
6652	1.0980000	0.8490000	2.2755000	0.0000000	0.0000000	0.0000000	506.2586609
6653	1.0980000	0.8990000	2.3005000	0.0000000	0.0000000	0.0000000	407.8528763
6654	1.0980000	0.9490000	2.3255000	0.0000000	0.0000000	0.0000000	340.6406502
6655	1.0980000	0.9990000	2.3505000	0.0000000	0.0000000	0.0000000	296.1913304
6656	1.0980000	1.0490000	2.3755000	0.0000000	0.0000000	0.0000000	268.3037426
6657	1.0980000	1.0990000	2.4005000	0.0000000	0.0000000	0.0000000	252.3594171
6658	1.0980000	1.1490000	2.4255000	0.0000000	0.0000000	0.0000000	244.8694641
6659	1.0980000	1.1990000	2.4505000	0.0000000	0.0000000	0.0000000	243.1504019
6660	1.0980000	1.2490000	2.4755000	0.0000000	0.0000000	0.0000000	241.6621376
6661	1.0980000	1.2990000	2.5005000	0.0000000	0.0000000	0.0000000	246.2828664
6662	1.0980000	1.3490000	2.5255000	0.0000000	0.0000000	0.0000000	251.7283936
6663	1.0980000	1.3990000	2.5505000	0.0000000	0.0000000	0.0000000	257.8703309
6664	1.0980000	1.4490000	2.5755000	0.0000000	0.0000000	0.0000000	264.4005082
6665	1.0980000	1.5490000	2.6255000	0.0000000	0.0000000	0.0000000	277.7096077
6666	1.0980000	1.6490000	2.6755000	0.0000000	0.0000000	0.0000000	290.6391265
6667	1.0980000	1.7490000	2.7255000	0.0000000	0.0000000	0.0000000	304.3902437
6668	1.0980000	1.8490000	2.7755000	0.0000000	0.0000000	0.0000000	310.8718518
6669	1.0980000	1.9490000	2.8255000	0.0000000	0.0000000	0.0000000	312.8306854
6670	1.0980000	2.0490000	2.8755000	0.0000000	0.0000000	0.0000000	313.2694400
6671	1.0980000	2.2990000	3.0005000	0.0000000	0.0000000	0.0000000	311.9877519
6672	1.0980000	2.5490000	3.1255000	0.0000000	0.0000000	0.0000000	310.2102058
6673	1.0980000	2.7990000	3.2505000	0.0000000	0.0000000	0.0000000	309.0794338
6674	1.0980000	3.0490000	3.3755000	0.0000000	0.0000000	0.0000000	308.5487490
6675	1.0980000	3.2990000	3.5005000	0.0000000	0.0000000	0.0000000	308.3465027
6676	1.0980000	3.5490000	3.6255000	0.0000000	0.0000000	0.0000000	308.2886463
6677	1.0980000	4.0490000	3.8755000	0.0000000	0.0000000	0.0000000	308.2907171
6678	1.0980000	4.5490000	4.1255000	0.0000000	0.0000000	0.0000000	308.3096679
6679	1.0980000	5.0490000	4.3755000	0.0000000	0.0000000	0.0000000	308.3253556
6680	1.0980000	5.5490000	4.6255000	0.0000000	0.0000000	0.0000000	308.3355213
6681	1.0980000	6.5490000	5.1255000	0.0000000	0.0000000	0.0000000	308.3463772
6682	1.0980000	7.5490000	5.6255000	0.0000000	0.0000000	0.0000000	308.3502050
6683	1.0980000	0.7990000	2.4505000	0.0000000	0.0000000	0.0000000	576.2134799
6684	1.0980000	0.8490000	2.4755000	0.0000000	0.0000000	0.0000000	441.5749217
6685	1.0980000	0.8990000	2.5005000	0.0000000	0.0000000	0.0000000	351.3747645
6686	1.0980000	0.9490000	2.5255000	0.0000000	0.0000000	0.0000000	293.0286199
6687	1.0980000	0.9990000	2.5505000	0.0000000	0.0000000	0.0000000	256.1000638
6688	1.0980000	1.0490000	2.5755000	0.0000000	0.0000000	0.0000000	235.7960536
6689	1.0980000	1.0990000	2.6005000	0.0000000	0.0000000	0.0000000	227.1852431
6690	1.0980000	1.1490000	2.6255000	0.0000000	0.0000000	0.0000000	226.5727938
6691	1.0980000	1.1990000	2.6505000	0.0000000	0.0000000	0.0000000	231.1780231
6692	1.0980000	1.2490000	2.6755000	0.0000000	0.0000000	0.0000000	238.9086261
6693	1.0980000	1.2990000	2.7005000	0.0000000	0.0000000	0.0000000	248.2058692
6694	1.0980000	1.3490000	2.7255000	0.0000000	0.0000000	0.0000000	257.9468870
6695	1.0980000	1.3990000	2.7505000	0.0000000	0.0000000	0.0000000	267.3890221
6696	1.0980000	1.4490000	2.7755000	0.0000000	0.0000000	0.0000000	276.1241422
6697	1.0980000	1.5490000	2.8255000	0.0000000	0.0000000	0.0000000	290.9896534

6698	1.0980000	1.6490000	2.8755000	0.0000000	0.0000000	0.0000000	302.5709055
6699	1.0980000	1.7490000	2.9255000	0.0000000	0.0000000	0.0000000	311.5419691
6700	1.0980000	1.8490000	2.9755000	0.0000000	0.0000000	0.0000000	318.6467569
6701	1.0980000	1.9490000	3.0255000	0.0000000	0.0000000	0.0000000	324.5696934
6702	1.0980000	2.0490000	3.0755000	0.0000000	0.0000000	0.0000000	329.9056574
6703	1.0980000	2.2990000	3.2005000	0.0000000	0.0000000	0.0000000	332.1838305
6704	1.0980000	2.5490000	3.3255000	0.0000000	0.0000000	0.0000000	331.5250083
6705	1.0980000	2.7990000	3.4505000	0.0000000	0.0000000	0.0000000	330.7885633
6706	1.0980000	3.0490000	3.5755000	0.0000000	0.0000000	0.0000000	330.4528457
6707	1.0980000	3.2990000	3.7005000	0.0000000	0.0000000	0.0000000	330.3416510
6708	1.0980000	3.5490000	3.8255000	0.0000000	0.0000000	0.0000000	330.3224492
6709	1.0980000	4.0490000	4.0755000	0.0000000	0.0000000	0.0000000	330.3457925
6710	1.0980000	4.5490000	4.3255000	0.0000000	0.0000000	0.0000000	330.3699517
6711	1.0980000	5.0490000	4.5755000	0.0000000	0.0000000	0.0000000	330.3871455
6712	1.0980000	5.5490000	4.8255000	0.0000000	0.0000000	0.0000000	330.3973739
6713	1.0980000	6.5490000	5.3255000	0.0000000	0.0000000	0.0000000	330.4081670
6714	1.0980000	7.5490000	5.8255000	0.0000000	0.0000000	0.0000000	330.4118693
6715	1.0980000	0.7990000	2.6505000	0.0000000	0.0000000	0.0000000	466.6663899
6716	1.0980000	0.8490000	2.6755000	0.0000000	0.0000000	0.0000000	331.7248702
6717	1.0980000	0.8990000	2.7005000	0.0000000	0.0000000	0.0000000	242.7157888
6718	1.0980000	0.9490000	2.7255000	0.0000000	0.0000000	0.0000000	183.6244766
6719	1.0980000	0.9990000	2.7505000	0.0000000	0.0000000	0.0000000	147.9677568
6720	1.0980000	1.0490000	2.7755000	0.0000000	0.0000000	0.0000000	129.1746639
6721	1.0980000	1.0990000	2.8005000	0.0000000	0.0000000	0.0000000	122.3646800
6722	1.0980000	1.1490000	2.8255000	0.0000000	0.0000000	0.0000000	123.8990034
6723	1.0980000	1.1990000	2.8505000	0.0000000	0.0000000	0.0000000	131.0568785
6724	1.0980000	1.2490000	2.8755000	0.0000000	0.0000000	0.0000000	141.8038567
6725	1.0980000	1.2990000	2.9005000	0.0000000	0.0000000	0.0000000	154.6261971
6726	1.0980000	1.3490000	2.9255000	0.0000000	0.0000000	0.0000000	168.4117017
6727	1.0980000	1.3990000	2.9505000	0.0000000	0.0000000	0.0000000	182.3617394
6728	1.0980000	1.4490000	2.9755000	0.0000000	0.0000000	0.0000000	195.9237878
6729	1.0980000	1.5490000	3.0255000	0.0000000	0.0000000	0.0000000	220.5975231
6730	1.0980000	1.6490000	3.0755000	0.0000000	0.0000000	0.0000000	241.1327078
6731	1.0980000	1.7490000	3.1255000	0.0000000	0.0000000	0.0000000	257.5466614
6732	1.0980000	1.8490000	3.1755000	0.0000000	0.0000000	0.0000000	270.4150610
6733	1.0980000	1.9490000	3.2255000	0.0000000	0.0000000	0.0000000	280.3022885
6734	1.0980000	2.0490000	3.2755000	0.0000000	0.0000000	0.0000000	287.4890291
6735	1.0980000	2.2990000	3.4005000	0.0000000	0.0000000	0.0000000	296.3601932
6736	1.0980000	2.5490000	3.5255000	0.0000000	0.0000000	0.0000000	298.9185493
6737	1.0980000	2.7990000	3.6505000	0.0000000	0.0000000	0.0000000	299.7433478
6738	1.0980000	3.0490000	3.7755000	0.0000000	0.0000000	0.0000000	300.1164649
6739	1.0980000	3.2990000	3.9005000	0.0000000	0.0000000	0.0000000	300.3281867
6740	1.0980000	3.5490000	4.0255000	0.0000000	0.0000000	0.0000000	300.4539396
6741	1.0980000	4.0490000	4.2755000	0.0000000	0.0000000	0.0000000	300.5705935
6742	1.0980000	4.5490000	4.5255000	0.0000000	0.0000000	0.0000000	300.6124484
6743	1.0980000	5.0490000	4.7755000	0.0000000	0.0000000	0.0000000	300.6298932
6744	1.0980000	5.5490000	5.0255000	0.0000000	0.0000000	0.0000000	300.6388038
6745	1.0980000	6.5490000	5.5255000	0.0000000	0.0000000	0.0000000	300.6477772
6746	1.0980000	7.5490000	6.0255000	0.0000000	0.0000000	0.0000000	300.6510402
6747	1.0980000	0.7990000	2.8505000	0.0000000	0.0000000	0.0000000	407.7155772
6748	1.0980000	0.8490000	2.8755000	0.0000000	0.0000000	0.0000000	272.4819517
6749	1.0980000	0.8990000	2.9005000	0.0000000	0.0000000	0.0000000	181.6324478
6750	1.0980000	0.9490000	2.9255000	0.0000000	0.0000000	0.0000000	123.1509494
6751	1.0980000	0.9990000	2.9505000	0.0000000	0.0000000	0.0000000	88.1747008
6752	1.0980000	1.0490000	2.9755000	0.0000000	0.0000000	0.0000000	70.1477969
6753	1.0980000	1.0990000	3.0005000	0.0000000	0.0000000	0.0000000	64.2044037

6754	1.0980000	1.1490000	3.0255000	0.0000000	0.0000000	0.0000000	66.7196499
6755	1.0980000	1.1990000	3.0505000	0.0000000	0.0000000	0.0000000	74.9857694
6756	1.0980000	1.2490000	3.0755000	0.0000000	0.0000000	0.0000000	86.9789815
6757	1.0980000	1.2990000	3.1005000	0.0000000	0.0000000	0.0000000	101.1925731
6758	1.0980000	1.3490000	3.1255000	0.0000000	0.0000000	0.0000000	116.5145974
6759	1.0980000	1.3990000	3.1505000	0.0000000	0.0000000	0.0000000	132.1375753
6760	1.0980000	1.4490000	3.1755000	0.0000000	0.0000000	0.0000000	147.4884651
6761	1.0980000	1.5490000	3.2255000	0.0000000	0.0000000	0.0000000	175.9395564
6762	1.0980000	1.6490000	3.2755000	0.0000000	0.0000000	0.0000000	200.1764195
6763	1.0980000	1.7490000	3.3255000	0.0000000	0.0000000	0.0000000	219.8020921
6764	1.0980000	1.8490000	3.3755000	0.0000000	0.0000000	0.0000000	235.0915487
6765	1.0980000	1.9490000	3.4255000	0.0000000	0.0000000	0.0000000	246.4612046
6766	1.0980000	2.0490000	3.4755000	0.0000000	0.0000000	0.0000000	254.3691417
6767	1.0980000	2.2990000	3.6005000	0.0000000	0.0000000	0.0000000	263.8073235
6768	1.0980000	2.5490000	3.7255000	0.0000000	0.0000000	0.0000000	266.5538697
6769	1.0980000	2.7990000	3.8505000	0.0000000	0.0000000	0.0000000	267.4352067
6770	1.0980000	3.0490000	3.9755000	0.0000000	0.0000000	0.0000000	267.8051236
6771	1.0980000	3.2990000	4.1005000	0.0000000	0.0000000	0.0000000	267.9959492
6772	1.0980000	3.5490000	4.2255000	0.0000000	0.0000000	0.0000000	268.1002413
6773	1.0980000	4.0490000	4.4755000	0.0000000	0.0000000	0.0000000	268.1895359
6774	1.0980000	4.5490000	4.7255000	0.0000000	0.0000000	0.0000000	268.2208486
6775	1.0980000	5.0490000	4.9755000	0.0000000	0.0000000	0.0000000	268.2340263
6776	1.0980000	5.5490000	5.2255000	0.0000000	0.0000000	0.0000000	268.2410544
6777	1.0980000	6.5490000	5.7255000	0.0000000	0.0000000	0.0000000	268.2481453
6778	1.0980000	7.5490000	6.2255000	0.0000000	0.0000000	0.0000000	268.2507180
6779	1.0980000	0.7990000	3.3505000	0.0000000	0.0000000	0.0000000	351.4063282
6780	1.0980000	0.8490000	3.3755000	0.0000000	0.0000000	0.0000000	216.7665777
6781	1.0980000	0.8990000	3.4005000	0.0000000	0.0000000	0.0000000	126.5261974
6782	1.0980000	0.9490000	3.4255000	0.0000000	0.0000000	0.0000000	68.6817465
6783	1.0980000	0.9990000	3.4505000	0.0000000	0.0000000	0.0000000	34.3809492
6784	1.0980000	1.0490000	3.4755000	0.0000000	0.0000000	0.0000000	17.0769361
6785	1.0980000	1.0990000	3.5005000	0.0000000	0.0000000	0.0000000	11.9114664
6786	1.0980000	1.1490000	3.5255000	0.0000000	0.0000000	0.0000000	15.2662575
6787	1.0980000	1.1990000	3.5505000	0.0000000	0.0000000	0.0000000	24.4382498
6788	1.0980000	1.2490000	3.5755000	0.0000000	0.0000000	0.0000000	37.4066744
6789	1.0980000	1.2990000	3.6005000	0.0000000	0.0000000	0.0000000	52.6650065
6790	1.0980000	1.3490000	3.6255000	0.0000000	0.0000000	0.0000000	69.0986638
6791	1.0980000	1.3990000	3.6505000	0.0000000	0.0000000	0.0000000	85.8932646
6792	1.0980000	1.4490000	3.6755000	0.0000000	0.0000000	0.0000000	102.4647858
6793	1.0980000	1.5490000	3.7255000	0.0000000	0.0000000	0.0000000	133.4367709
6794	1.0980000	1.6490000	3.7755000	0.0000000	0.0000000	0.0000000	160.1543673
6795	1.0980000	1.7490000	3.8255000	0.0000000	0.0000000	0.0000000	182.0267748
6796	1.0980000	1.8490000	3.8755000	0.0000000	0.0000000	0.0000000	199.1476805
6797	1.0980000	1.9490000	3.9255000	0.0000000	0.0000000	0.0000000	211.8302745
6798	1.0980000	2.0490000	3.9755000	0.0000000	0.0000000	0.0000000	220.6135246
6799	1.0980000	2.2990000	4.1005000	0.0000000	0.0000000	0.0000000	231.2198780
6800	1.0980000	2.5490000	4.2255000	0.0000000	0.0000000	0.0000000	234.4436452
6801	1.0980000	2.7990000	4.3505000	0.0000000	0.0000000	0.0000000	235.5016889
6802	1.0980000	3.0490000	4.4755000	0.0000000	0.0000000	0.0000000	235.9258853
6803	1.0980000	3.2990000	4.6005000	0.0000000	0.0000000	0.0000000	236.1258726
6804	1.0980000	3.5490000	4.7255000	0.0000000	0.0000000	0.0000000	236.2253955
6805	1.0980000	4.0490000	4.9755000	0.0000000	0.0000000	0.0000000	236.3022027
6806	1.0980000	4.5490000	5.2255000	0.0000000	0.0000000	0.0000000	236.3273658
6807	1.0980000	5.0490000	5.4755000	0.0000000	0.0000000	0.0000000	236.3375942
6808	1.0980000	5.5490000	5.7255000	0.0000000	0.0000000	0.0000000	236.3431163
6809	1.0980000	6.5490000	6.2255000	0.0000000	0.0000000	0.0000000	236.3485129

6810	1.0980000	7.5490000	6.7255000	0.0000000	0.0000000	0.0000000	236.3502072
6811	1.0980000	0.7990000	3.8505000	0.0000000	0.0000000	0.0000000	340.4702187
6812	1.0980000	0.8490000	3.8755000	0.0000000	0.0000000	0.0000000	206.0145794
6813	1.0980000	0.8990000	3.9005000	0.0000000	0.0000000	0.0000000	115.9531647
6814	1.0980000	0.9490000	3.9255000	0.0000000	0.0000000	0.0000000	58.2859225
6815	1.0980000	0.9990000	3.9505000	0.0000000	0.0000000	0.0000000	24.1630869
6816	1.0980000	1.0490000	3.9755000	0.0000000	0.0000000	0.0000000	7.0396083
6817	1.0980000	1.0990000	4.0005000	0.0000000	0.0000000	0.0000000	2.0581872
6818	1.0980000	1.1490000	4.0255000	0.0000000	0.0000000	0.0000000	5.6011056
6819	1.0980000	1.1990000	4.0505000	0.0000000	0.0000000	0.0000000	14.9654923
6820	1.0980000	1.2490000	4.0755000	0.0000000	0.0000000	0.0000000	28.1303900
6821	1.0980000	1.2990000	4.1005000	0.0000000	0.0000000	0.0000000	43.5887094
6822	1.0980000	1.3490000	4.1255000	0.0000000	0.0000000	0.0000000	60.2250523
6823	1.0980000	1.3990000	4.1505000	0.0000000	0.0000000	0.0000000	77.2237820
6824	1.0980000	1.4490000	4.1755000	0.0000000	0.0000000	0.0000000	93.9993065
6825	1.0980000	1.5490000	4.2255000	0.0000000	0.0000000	0.0000000	125.3722074
6826	1.0980000	1.6490000	4.2755000	0.0000000	0.0000000	0.0000000	152.4682548
6827	1.0980000	1.7490000	4.3255000	0.0000000	0.0000000	0.0000000	174.6824666
6828	1.0980000	1.8490000	4.3755000	0.0000000	0.0000000	0.0000000	192.0900815
6829	1.0980000	1.9490000	4.4255000	0.0000000	0.0000000	0.0000000	204.9897937
6830	1.0980000	2.0490000	4.4755000	0.0000000	0.0000000	0.0000000	213.9282897
6831	1.0980000	2.2990000	4.6005000	0.0000000	0.0000000	0.0000000	224.7547106
6832	1.0980000	2.5490000	4.7255000	0.0000000	0.0000000	0.0000000	228.0697804
6833	1.0980000	2.7990000	4.8505000	0.0000000	0.0000000	0.0000000	229.1607056
6834	1.0980000	3.0490000	4.9755000	0.0000000	0.0000000	0.0000000	229.5940009
6835	1.0980000	3.2990000	5.1005000	0.0000000	0.0000000	0.0000000	229.7946785
6836	1.0980000	3.5490000	5.2255000	0.0000000	0.0000000	0.0000000	229.8921307
6837	1.0980000	4.0490000	5.4755000	0.0000000	0.0000000	0.0000000	229.9651728
6838	1.0980000	4.5490000	5.7255000	0.0000000	0.0000000	0.0000000	229.9883279
6839	1.0980000	5.0490000	5.9755000	0.0000000	0.0000000	0.0000000	229.9974895
6840	1.0980000	5.5490000	6.2255000	0.0000000	0.0000000	0.0000000	230.0023841
6841	1.0980000	6.5490000	6.7255000	0.0000000	0.0000000	0.0000000	230.0070276
6842	1.0980000	7.5490000	7.2255000	0.0000000	0.0000000	0.0000000	230.0084082
6843	1.0980000	0.7990000	4.8505000	0.0000000	0.0000000	0.0000000	340.4702187
6844	1.0980000	0.8490000	4.8755000	0.0000000	0.0000000	0.0000000	206.0145794
6845	1.0980000	0.8990000	4.9005000	0.0000000	0.0000000	0.0000000	115.9531647
6846	1.0980000	0.9490000	4.9255000	0.0000000	0.0000000	0.0000000	56.1406559
6847	1.0980000	0.9990000	4.9505000	0.0000000	0.0000000	0.0000000	22.0742961
6848	1.0980000	1.0490000	4.9755000	0.0000000	0.0000000	0.0000000	5.0079837
6849	1.0980000	1.0990000	5.0005000	0.0000000	0.0000000	0.0000000	0.0842934
6850	1.0980000	1.1490000	5.0255000	0.0000000	0.0000000	0.0000000	3.6851310
6851	1.0980000	1.1990000	5.0505000	0.0000000	0.0000000	0.0000000	13.1073112
6852	1.0980000	1.2490000	5.0755000	0.0000000	0.0000000	0.0000000	26.3295006
6853	1.0980000	1.2990000	5.1005000	0.0000000	0.0000000	0.0000000	41.8442331
6854	1.0980000	1.3490000	5.1255000	0.0000000	0.0000000	0.0000000	58.5357341
6855	1.0980000	1.3990000	5.1505000	0.0000000	0.0000000	0.0000000	75.5881158
6856	1.0980000	1.4490000	5.1755000	0.0000000	0.0000000	0.0000000	92.4154098
6857	1.0980000	1.5490000	5.2255000	0.0000000	0.0000000	0.0000000	123.8844452
6858	1.0980000	1.6490000	5.2755000	0.0000000	0.0000000	0.0000000	151.0655201
6859	1.0980000	1.7490000	5.3255000	0.0000000	0.0000000	0.0000000	173.3520838
6860	1.0980000	1.8490000	5.3755000	0.0000000	0.0000000	0.0000000	190.8154842
6861	1.0980000	1.9490000	5.4255000	0.0000000	0.0000000	0.0000000	203.7514038
6862	1.0980000	2.0490000	5.4755000	0.0000000	0.0000000	0.0000000	212.7116116
6863	1.0980000	2.2990000	5.6005000	0.0000000	0.0000000	0.0000000	223.5642624
6864	1.0980000	2.5490000	5.7255000	0.0000000	0.0000000	0.0000000	226.8887449
6865	1.0980000	2.7990000	5.8505000	0.0000000	0.0000000	0.0000000	227.9816781

6866	1.0980000	3.0490000	5.9755000	0.0000000	0.0000000	0.0000000	228.4139066
6867	1.0980000	3.2990000	6.1005000	0.0000000	0.0000000	0.0000000	228.6127644
6868	1.0980000	3.5490000	6.2255000	0.0000000	0.0000000	0.0000000	228.7084596
6869	1.0980000	4.0490000	6.4755000	0.0000000	0.0000000	0.0000000	228.7790544
6870	1.0980000	4.5490000	6.7255000	0.0000000	0.0000000	0.0000000	228.8008917
6871	1.0980000	5.0490000	6.9755000	0.0000000	0.0000000	0.0000000	228.8093003
6872	1.0980000	5.5490000	7.2255000	0.0000000	0.0000000	0.0000000	228.8137556
6873	1.0980000	6.5490000	7.7255000	0.0000000	0.0000000	0.0000000	228.8177717
6874	1.0980000	7.5490000	8.2255000	0.0000000	0.0000000	0.0000000	228.8187129
6875	1.0980000	0.7990000	5.8505000	0.0000000	0.0000000	0.0000000	338.0482832
6876	1.0980000	0.8490000	5.8755000	0.0000000	0.0000000	0.0000000	203.6483039
6877	1.0980000	0.8990000	5.9005000	0.0000000	0.0000000	0.0000000	113.6458751
6878	1.0980000	0.9490000	5.9255000	0.0000000	0.0000000	0.0000000	56.0398151
6879	1.0980000	0.9990000	5.9505000	0.0000000	0.0000000	0.0000000	21.9797304
6880	1.0980000	1.0490000	5.9755000	0.0000000	0.0000000	0.0000000	4.9200068
6881	1.0980000	1.0990000	6.0005000	0.0000000	0.0000000	0.0000000	0.0032191
6882	1.0980000	1.1490000	6.0255000	0.0000000	0.0000000	0.0000000	3.6111476
6883	1.0980000	1.1990000	6.0505000	0.0000000	0.0000000	0.0000000	13.0406698
6884	1.0980000	1.2490000	6.0755000	0.0000000	0.0000000	0.0000000	26.2702637
6885	1.0980000	1.2990000	6.1005000	0.0000000	0.0000000	0.0000000	41.7924636
6886	1.0980000	1.3490000	6.1255000	0.0000000	0.0000000	0.0000000	58.4912437
6887	1.0980000	1.3990000	6.1505000	0.0000000	0.0000000	0.0000000	75.5507163
6888	1.0980000	1.4490000	6.1755000	0.0000000	0.0000000	0.0000000	92.3846619
6889	1.0980000	1.5490000	6.2255000	0.0000000	0.0000000	0.0000000	123.8656200
6890	1.0980000	1.6490000	6.2755000	0.0000000	0.0000000	0.0000000	151.0560447
6891	1.0980000	1.7490000	6.3255000	0.0000000	0.0000000	0.0000000	173.3494482
6892	1.0980000	1.8490000	6.3755000	0.0000000	0.0000000	0.0000000	190.8165509
6893	1.0980000	1.9490000	6.4255000	0.0000000	0.0000000	0.0000000	203.7529098
6894	1.0980000	2.0490000	6.4755000	0.0000000	0.0000000	0.0000000	212.7120508
6895	1.0980000	2.2990000	6.6005000	0.0000000	0.0000000	0.0000000	223.5625682
6896	1.0980000	2.5490000	6.7255000	0.0000000	0.0000000	0.0000000	226.8866741
6897	1.0980000	2.7990000	6.8505000	0.0000000	0.0000000	0.0000000	227.9793563
6898	1.0980000	3.0490000	6.9755000	0.0000000	0.0000000	0.0000000	228.4115220
6899	1.0980000	3.2990000	7.1005000	0.0000000	0.0000000	0.0000000	228.6104426
6900	1.0980000	3.5490000	7.2255000	0.0000000	0.0000000	0.0000000	228.7063888
6901	1.0980000	4.0490000	7.4755000	0.0000000	0.0000000	0.0000000	228.7773601
6902	1.0980000	4.5490000	7.7255000	0.0000000	0.0000000	0.0000000	228.7993857
6903	1.0980000	5.0490000	7.9755000	0.0000000	0.0000000	0.0000000	228.8077943
6904	1.0980000	5.5490000	8.2255000	0.0000000	0.0000000	0.0000000	228.8121868
6905	1.0980000	6.5490000	8.7255000	0.0000000	0.0000000	0.0000000	228.8159519
6906	1.0980000	7.5490000	9.2255000	0.0000000	0.0000000	0.0000000	228.8167677
6907	1.0980000	0.7990000	6.8505000	0.0000000	0.0000000	0.0000000	338.0245005
6908	1.0980000	0.8490000	6.8755000	0.0000000	0.0000000	0.0000000	203.6264666
6909	1.0980000	0.8990000	6.9005000	0.0000000	0.0000000	0.0000000	113.6263596
6910	1.0980000	0.9490000	6.9255000	0.0000000	0.0000000	0.0000000	56.0228096
6911	1.0980000	0.9990000	6.9505000	0.0000000	0.0000000	0.0000000	21.9653605
6912	1.0980000	1.0490000	6.9755000	0.0000000	0.0000000	0.0000000	4.9083979
6913	1.0980000	1.0990000	7.0005000	0.0000000	0.0000000	0.0000000	-0.0055660
6914	1.0980000	1.1490000	7.0255000	0.0000000	0.0000000	0.0000000	3.6052490
6915	1.0980000	1.1990000	7.0505000	0.0000000	0.0000000	0.0000000	13.0375949
6916	1.0980000	1.2490000	7.0755000	0.0000000	0.0000000	0.0000000	26.2698871
6917	1.0980000	1.2990000	7.1005000	0.0000000	0.0000000	0.0000000	41.7946599
6918	1.0980000	1.3490000	7.1255000	0.0000000	0.0000000	0.0000000	58.4958245
6919	1.0980000	1.3990000	7.1505000	0.0000000	0.0000000	0.0000000	75.5574306
6920	1.0980000	1.4490000	7.1755000	0.0000000	0.0000000	0.0000000	92.3933215
6921	1.0980000	1.5490000	7.2255000	0.0000000	0.0000000	0.0000000	123.8772289

6922	1.0980000	1.6490000	7.2755000	0.0000000	0.0000000	0.0000000	151.0696616
6923	1.0980000	1.7490000	7.3255000	0.0000000	0.0000000	0.0000000	173.3641320
6924	1.0980000	1.8490000	7.3755000	0.0000000	0.0000000	0.0000000	190.8314229
6925	1.0980000	1.9490000	7.4255000	0.0000000	0.0000000	0.0000000	203.7671542
6926	1.0980000	2.0490000	7.4755000	0.0000000	0.0000000	0.0000000	212.7254168
6927	1.0980000	2.2990000	7.6005000	0.0000000	0.0000000	0.0000000	223.5751183
6928	1.0980000	2.5490000	7.7255000	0.0000000	0.0000000	0.0000000	226.8990360
6929	1.0980000	2.7990000	7.8505000	0.0000000	0.0000000	0.0000000	227.9913417
6930	1.0980000	3.0490000	7.9755000	0.0000000	0.0000000	0.0000000	228.4231937
6931	1.0980000	3.2990000	8.1005000	0.0000000	0.0000000	0.0000000	228.6219260
6932	1.0980000	3.5490000	8.2255000	0.0000000	0.0000000	0.0000000	228.7178722
6933	1.0980000	4.0490000	8.4755000	0.0000000	0.0000000	0.0000000	228.7889063
6934	1.0980000	4.5490000	8.7255000	0.0000000	0.0000000	0.0000000	228.8109318
6935	1.0980000	5.0490000	8.9755000	0.0000000	0.0000000	0.0000000	228.8192777
6936	1.0980000	5.5490000	9.2255000	0.0000000	0.0000000	0.0000000	228.8234820
6937	1.0980000	6.5490000	9.7255000	0.0000000	0.0000000	0.0000000	228.8269961
6938	1.0980000	7.5490000	10.2255000	0.0000000	0.0000000	0.0000000	228.8277491
6939	1.0980000	0.7990000	9.8505000	0.0000000	0.0000000	0.0000000	338.0263202
6940	1.0980000	0.8490000	9.8755000	0.0000000	0.0000000	0.0000000	203.6250233
6941	1.0980000	0.8990000	9.9005000	0.0000000	0.0000000	0.0000000	113.6238495
6942	1.0980000	0.9490000	9.9255000	0.0000000	0.0000000	0.0000000	56.0207388
6943	1.0980000	0.9990000	9.9505000	0.0000000	0.0000000	0.0000000	21.9646702
6944	1.0980000	1.0490000	9.9755000	0.0000000	0.0000000	0.0000000	4.9095274
6945	1.0980000	1.0990000	10.0005000	0.0000000	0.0000000	0.0000000	-0.0023657
6946	1.0980000	1.1490000	10.0255000	0.0000000	0.0000000	0.0000000	3.6105201
6947	1.0980000	1.1990000	10.0505000	0.0000000	0.0000000	0.0000000	13.0449368
6948	1.0980000	1.2490000	10.0755000	0.0000000	0.0000000	0.0000000	26.2791116
6949	1.0980000	1.2990000	10.1005000	0.0000000	0.0000000	0.0000000	41.8054530
6950	1.0980000	1.3490000	10.1255000	0.0000000	0.0000000	0.0000000	58.5079354
6951	1.0980000	1.3990000	10.1505000	0.0000000	0.0000000	0.0000000	75.5705455
6952	1.0980000	1.4490000	10.1755000	0.0000000	0.0000000	0.0000000	92.4072522
6953	1.0980000	1.5490000	10.2255000	0.0000000	0.0000000	0.0000000	123.8921008
6954	1.0980000	1.6490000	10.2755000	0.0000000	0.0000000	0.0000000	151.0847846
6955	1.0980000	1.7490000	10.3255000	0.0000000	0.0000000	0.0000000	173.3790040
6956	1.0980000	1.8490000	10.3755000	0.0000000	0.0000000	0.0000000	190.8457930
6957	1.0980000	1.9490000	10.4255000	0.0000000	0.0000000	0.0000000	203.7805829
6958	1.0980000	2.0490000	10.4755000	0.0000000	0.0000000	0.0000000	212.7380297
6959	1.0980000	2.2990000	10.6005000	0.0000000	0.0000000	0.0000000	223.5867272
6960	1.0980000	2.5490000	10.7255000	0.0000000	0.0000000	0.0000000	226.9102684
6961	1.0980000	2.7990000	10.8505000	0.0000000	0.0000000	0.0000000	228.0019466
6962	1.0980000	3.0490000	10.9755000	0.0000000	0.0000000	0.0000000	228.4332340
6963	1.0980000	3.2990000	11.1005000	0.0000000	0.0000000	0.0000000	228.6314642
6964	1.0980000	3.5490000	11.2255000	0.0000000	0.0000000	0.0000000	228.7270339
6965	1.0980000	4.0490000	11.4755000	0.0000000	0.0000000	0.0000000	228.7976286
6966	1.0980000	4.5490000	11.7255000	0.0000000	0.0000000	0.0000000	228.8194032
6967	1.0980000	5.0490000	11.9755000	0.0000000	0.0000000	0.0000000	228.8274981
6968	1.0980000	5.5490000	12.2255000	0.0000000	0.0000000	0.0000000	228.8314515
6969	1.0980000	6.5490000	12.7255000	0.0000000	0.0000000	0.0000000	228.8346518
6970	1.0980000	7.5490000	13.2255000	0.0000000	0.0000000	0.0000000	228.8354048
6971	0.8980000	0.7990000	1.5505000	0.0000000	0.0000000	0.0000000	1821.8609504
6972	0.8980000	0.8490000	1.5755000	0.0000000	0.0000000	0.0000000	1665.5443243
6973	0.8980000	0.8990000	1.6005000	0.0000000	0.0000000	0.0000000	1553.8016415
6974	0.8980000	0.9490000	1.6255000	0.0000000	0.0000000	0.0000000	1474.9783568
6975	0.8980000	0.9990000	1.6505000	0.0000000	0.0000000	0.0000000	1420.4947839
6976	0.8980000	1.0490000	1.6755000	0.0000000	0.0000000	0.0000000	1384.0025352
6977	0.8980000	1.0990000	1.7005000	0.0000000	0.0000000	0.0000000	1360.7728247

6978	0.8980000	1.1490000	1.7255000	0.0000000	0.0000000	0.0000000	1347.2576512
6979	0.8980000	1.1990000	1.7505000	0.0000000	0.0000000	0.0000000	1340.7791806
6980	0.8980000	1.2490000	1.7755000	0.0000000	0.0000000	0.0000000	1339.3142598
6981	0.8980000	1.2990000	1.8005000	0.0000000	0.0000000	0.0000000	1341.3386681
6982	0.8980000	1.3490000	1.8255000	0.0000000	0.0000000	0.0000000	1345.6935838
6983	0.8980000	1.3990000	1.8505000	0.0000000	0.0000000	0.0000000	1351.4424491
6984	0.8980000	1.4490000	1.8755000	0.0000000	0.0000000	0.0000000	1357.7580182
6985	0.8980000	1.5490000	1.9255000	0.0000000	0.0000000	0.0000000	1369.5302842
6986	0.8980000	1.6490000	1.9755000	0.0000000	0.0000000	0.0000000	1378.2157684
6987	0.8980000	1.7490000	2.0255000	0.0000000	0.0000000	0.0000000	1384.6589728
6988	0.8980000	1.8490000	2.0755000	0.0000000	0.0000000	0.0000000	1388.2242934
6989	0.8980000	1.9490000	2.1255000	0.0000000	0.0000000	0.0000000	1390.3516760
6990	0.8980000	2.0490000	2.1755000	0.0000000	0.0000000	0.0000000	1391.6643631
6991	0.8980000	2.2990000	2.3005000	0.0000000	0.0000000	0.0000000	1393.4148635
6992	0.8980000	2.5490000	2.4255000	0.0000000	0.0000000	0.0000000	1394.4063913
6993	0.8980000	2.7990000	2.5505000	0.0000000	0.0000000	0.0000000	1395.1254543
6994	0.8980000	3.0490000	2.6755000	0.0000000	0.0000000	0.0000000	1395.6711366
6995	0.8980000	3.2990000	2.8005000	0.0000000	0.0000000	0.0000000	1396.0761312
6996	0.8980000	3.5490000	2.9255000	0.0000000	0.0000000	0.0000000	1396.3709352
6997	0.8980000	4.0490000	3.1755000	0.0000000	0.0000000	0.0000000	1396.7335729
6998	0.8980000	4.5490000	3.4255000	0.0000000	0.0000000	0.0000000	1396.9223905
6999	0.8980000	5.0490000	3.6755000	0.0000000	0.0000000	0.0000000	1397.0313889
7000	0.8980000	5.5490000	3.9255000	0.0000000	0.0000000	0.0000000	1397.0989089
7001	0.8980000	0.7990000	1.6505000	0.0000000	0.0000000	0.0000000	1309.8173612
7002	0.8980000	0.8490000	1.6755000	0.0000000	0.0000000	0.0000000	1156.3153033
7003	0.8980000	0.8990000	1.7005000	0.0000000	0.0000000	0.0000000	1046.9258438
7004	0.8980000	0.9490000	1.7255000	0.0000000	0.0000000	0.0000000	970.0422535
7005	0.8980000	0.9990000	1.7505000	0.0000000	0.0000000	0.0000000	917.1307175
7006	0.8980000	1.0490000	1.7755000	0.0000000	0.0000000	0.0000000	881.8874636
7007	0.8980000	1.0990000	1.8005000	0.0000000	0.0000000	0.0000000	859.6301418
7008	0.8980000	1.1490000	1.8255000	0.0000000	0.0000000	0.0000000	846.8615791
7009	0.8980000	1.1990000	1.8505000	0.0000000	0.0000000	0.0000000	840.9604799
7010	0.8980000	1.2490000	1.8755000	0.0000000	0.0000000	0.0000000	839.9615477
7011	0.8980000	1.2990000	1.9005000	0.0000000	0.0000000	0.0000000	842.3997357
7012	0.8980000	1.3490000	1.9255000	0.0000000	0.0000000	0.0000000	847.2003714
7013	0.8980000	1.3990000	1.9505000	0.0000000	0.0000000	0.0000000	853.6057371
7014	0.8980000	1.4490000	1.9755000	0.0000000	0.0000000	0.0000000	861.0604869
7015	0.8980000	1.5490000	2.0255000	0.0000000	0.0000000	0.0000000	876.2794742
7016	0.8980000	1.6490000	2.0755000	0.0000000	0.0000000	0.0000000	887.8739040
7017	0.8980000	1.7490000	2.1255000	0.0000000	0.0000000	0.0000000	895.2337743
7018	0.8980000	1.8490000	2.1755000	0.0000000	0.0000000	0.0000000	899.6324276
7019	0.8980000	1.9490000	2.2255000	0.0000000	0.0000000	0.0000000	903.1434058
7020	0.8980000	2.0490000	2.2755000	0.0000000	0.0000000	0.0000000	904.7663335
7021	0.8980000	2.2990000	2.4005000	0.0000000	0.0000000	0.0000000	906.7856591
7022	0.8980000	2.5490000	2.5255000	0.0000000	0.0000000	0.0000000	907.8319055
7023	0.8980000	2.7990000	2.6505000	0.0000000	0.0000000	0.0000000	908.5605696
7024	0.8980000	3.0490000	2.7755000	0.0000000	0.0000000	0.0000000	909.1154762
7025	0.8980000	3.2990000	2.9005000	0.0000000	0.0000000	0.0000000	909.5326445
7026	0.8980000	3.5490000	3.0255000	0.0000000	0.0000000	0.0000000	909.8383044
7027	0.8980000	4.0490000	3.2755000	0.0000000	0.0000000	0.0000000	910.2148100
7028	0.8980000	4.5490000	3.5255000	0.0000000	0.0000000	0.0000000	910.4109068
7029	0.8980000	5.0490000	3.7755000	0.0000000	0.0000000	0.0000000	910.5234820
7030	0.8980000	5.5490000	4.0255000	0.0000000	0.0000000	0.0000000	910.5918177
7031	0.8980000	0.7990000	1.7505000	0.0000000	0.0000000	0.0000000	1040.3185456
7032	0.8980000	0.8490000	1.7755000	0.0000000	0.0000000	0.0000000	889.0403187
7033	0.8980000	0.8990000	1.8005000	0.0000000	0.0000000	0.0000000	781.5121149

7034	0.8980000	0.9490000	1.8255000	0.0000000	0.0000000	0.0000000	706.1533099
7035	0.8980000	0.9990000	1.8505000	0.0000000	0.0000000	0.0000000	654.4623425
7036	0.8980000	1.0490000	1.8755000	0.0000000	0.0000000	0.0000000	620.1802450
7037	0.8980000	1.0990000	1.9005000	0.0000000	0.0000000	0.0000000	598.6674004
7038	0.8980000	1.1490000	1.9255000	0.0000000	0.0000000	0.0000000	586.4606468
7039	0.8980000	1.1990000	1.9505000	0.0000000	0.0000000	0.0000000	580.9766533
7040	0.8980000	1.2490000	1.9755000	0.0000000	0.0000000	0.0000000	580.2904089
7041	0.8980000	1.2990000	2.0005000	0.0000000	0.0000000	0.0000000	582.9713804
7042	0.8980000	1.3490000	2.0255000	0.0000000	0.0000000	0.0000000	587.9629045
7043	0.8980000	1.3990000	2.0505000	0.0000000	0.0000000	0.0000000	594.5064478
7044	0.8980000	1.4490000	2.0755000	0.0000000	0.0000000	0.0000000	602.1256051
7045	0.8980000	1.5490000	2.1255000	0.0000000	0.0000000	0.0000000	619.5975396
7046	0.8980000	1.6490000	2.1755000	0.0000000	0.0000000	0.0000000	634.2434225
7047	0.8980000	1.7490000	2.2255000	0.0000000	0.0000000	0.0000000	643.4543203
7048	0.8980000	1.8490000	2.2755000	0.0000000	0.0000000	0.0000000	648.8670287
7049	0.8980000	1.9490000	2.3255000	0.0000000	0.0000000	0.0000000	652.8257978
7050	0.8980000	2.0490000	2.3755000	0.0000000	0.0000000	0.0000000	654.8293728
7051	0.8980000	2.2990000	2.5005000	0.0000000	0.0000000	0.0000000	657.1989740
7052	0.8980000	2.5490000	2.6255000	0.0000000	0.0000000	0.0000000	658.3179490
7053	0.8980000	2.7990000	2.7505000	0.0000000	0.0000000	0.0000000	659.0648107
7054	0.8980000	3.0490000	2.8755000	0.0000000	0.0000000	0.0000000	659.6343384
7055	0.8980000	3.2990000	3.0005000	0.0000000	0.0000000	0.0000000	660.0651864
7056	0.8980000	3.5490000	3.1255000	0.0000000	0.0000000	0.0000000	660.3816393
7057	0.8980000	4.0490000	3.3755000	0.0000000	0.0000000	0.0000000	660.7718875
7058	0.8980000	4.5490000	3.6255000	0.0000000	0.0000000	0.0000000	660.9763929
7059	0.8980000	5.0490000	3.8755000	0.0000000	0.0000000	0.0000000	661.0936117
7060	0.8980000	5.5490000	4.1255000	0.0000000	0.0000000	0.0000000	661.1642692
7061	0.8980000	0.7990000	1.8505000	0.0000000	0.0000000	0.0000000	910.8088733
7062	0.8980000	0.8490000	1.8755000	0.0000000	0.0000000	0.0000000	761.0096233
7063	0.8980000	0.8990000	1.9005000	0.0000000	0.0000000	0.0000000	651.8681556
7064	0.8980000	0.9490000	1.9255000	0.0000000	0.0000000	0.0000000	577.4088227
7065	0.8980000	0.9990000	1.9505000	0.0000000	0.0000000	0.0000000	526.3065219
7066	0.8980000	1.0490000	1.9755000	0.0000000	0.0000000	0.0000000	491.9494369
7067	0.8980000	1.0990000	2.0005000	0.0000000	0.0000000	0.0000000	465.2765820
7068	0.8980000	1.1490000	2.0255000	0.0000000	0.0000000	0.0000000	451.6485823
7069	0.8980000	1.1990000	2.0505000	0.0000000	0.0000000	0.0000000	444.8337666
7070	0.8980000	1.2490000	2.0755000	0.0000000	0.0000000	0.0000000	442.7007364
7071	0.8980000	1.2990000	2.1005000	0.0000000	0.0000000	0.0000000	443.8578011
7072	0.8980000	1.3490000	2.1255000	0.0000000	0.0000000	0.0000000	447.2980591
7073	0.8980000	1.3990000	2.1505000	0.0000000	0.0000000	0.0000000	452.2971761
7074	0.8980000	1.4490000	2.1755000	0.0000000	0.0000000	0.0000000	458.2565080
7075	0.8980000	1.5490000	2.2255000	0.0000000	0.0000000	0.0000000	471.5523670
7076	0.8980000	1.6490000	2.2755000	0.0000000	0.0000000	0.0000000	485.2916242
7077	0.8980000	1.7490000	2.3255000	0.0000000	0.0000000	0.0000000	498.4181811
7078	0.8980000	1.8490000	2.3755000	0.0000000	0.0000000	0.0000000	509.9314112
7079	0.8980000	1.9490000	2.4255000	0.0000000	0.0000000	0.0000000	518.6937652
7080	0.8980000	2.0490000	2.4755000	0.0000000	0.0000000	0.0000000	524.2609665
7081	0.8980000	2.2990000	2.6005000	0.0000000	0.0000000	0.0000000	528.8443585
7082	0.8980000	2.5490000	2.7255000	0.0000000	0.0000000	0.0000000	523.3375863
7083	0.8980000	2.7990000	2.8505000	0.0000000	0.0000000	0.0000000	522.2682474
7084	0.8980000	3.0490000	2.9755000	0.0000000	0.0000000	0.0000000	521.7089482
7085	0.8980000	3.2990000	3.1005000	0.0000000	0.0000000	0.0000000	521.4859941
7086	0.8980000	3.5490000	3.2255000	0.0000000	0.0000000	0.0000000	521.4237452
7087	0.8980000	4.0490000	3.4755000	0.0000000	0.0000000	0.0000000	521.4336598
7088	0.8980000	4.5490000	3.7255000	0.0000000	0.0000000	0.0000000	521.4570659
7089	0.8980000	5.0490000	3.9755000	0.0000000	0.0000000	0.0000000	521.4777110

7090	0.8980000	5.5490000	4.2255000	0.0000000	0.0000000	0.0000000	521.4916417
7091	0.8980000	0.7990000	2.0505000	0.0000000	0.0000000	0.0000000	829.8017300
7092	0.8980000	0.8490000	2.0755000	0.0000000	0.0000000	0.0000000	681.9954502
7093	0.8980000	0.8990000	2.1005000	0.0000000	0.0000000	0.0000000	577.3763176
7094	0.8980000	0.9490000	2.1255000	0.0000000	0.0000000	0.0000000	504.4480451
7095	0.8980000	0.9990000	2.1505000	0.0000000	0.0000000	0.0000000	454.7386899
7096	0.8980000	1.0490000	2.1755000	0.0000000	0.0000000	0.0000000	421.9674468
7097	0.8980000	1.0990000	2.2005000	0.0000000	0.0000000	0.0000000	401.4443102
7098	0.8980000	1.1490000	2.2255000	0.0000000	0.0000000	0.0000000	389.5998179
7099	0.8980000	1.1990000	2.2505000	0.0000000	0.0000000	0.0000000	378.1672229
7100	0.8980000	1.2490000	2.2755000	0.0000000	0.0000000	0.0000000	376.3080378
7101	0.8980000	1.2990000	2.3005000	0.0000000	0.0000000	0.0000000	377.1443196
7102	0.8980000	1.3490000	2.3255000	0.0000000	0.0000000	0.0000000	380.1373515
7103	0.8980000	1.3990000	2.3505000	0.0000000	0.0000000	0.0000000	384.6116823
7104	0.8980000	1.4490000	2.3755000	0.0000000	0.0000000	0.0000000	390.0682537
7105	0.8980000	1.5490000	2.4255000	0.0000000	0.0000000	0.0000000	402.4427406
7106	0.8980000	1.6490000	2.4755000	0.0000000	0.0000000	0.0000000	415.2387883
7107	0.8980000	1.7490000	2.5255000	0.0000000	0.0000000	0.0000000	427.2404717
7108	0.8980000	1.8490000	2.5755000	0.0000000	0.0000000	0.0000000	437.2815645
7109	0.8980000	1.9490000	2.6255000	0.0000000	0.0000000	0.0000000	445.1351593
7110	0.8980000	2.0490000	2.6755000	0.0000000	0.0000000	0.0000000	446.3748671
7111	0.8980000	2.2990000	2.8005000	0.0000000	0.0000000	0.0000000	445.8304399
7112	0.8980000	2.5490000	2.9255000	0.0000000	0.0000000	0.0000000	444.6814073
7113	0.8980000	2.7990000	3.0505000	0.0000000	0.0000000	0.0000000	443.7145407
7114	0.8980000	3.0490000	3.1755000	0.0000000	0.0000000	0.0000000	443.2431556
7115	0.8980000	3.2990000	3.3005000	0.0000000	0.0000000	0.0000000	443.0693355
7116	0.8980000	3.5490000	3.4255000	0.0000000	0.0000000	0.0000000	443.0306809
7117	0.8980000	4.0490000	3.6755000	0.0000000	0.0000000	0.0000000	443.0577265
7118	0.8980000	4.5490000	3.9255000	0.0000000	0.0000000	0.0000000	443.0875332
7119	0.8980000	5.0490000	4.1755000	0.0000000	0.0000000	0.0000000	443.1101235
7120	0.8980000	5.5490000	4.4255000	0.0000000	0.0000000	0.0000000	443.1248073
7121	0.8980000	0.7990000	2.2505000	0.0000000	0.0000000	0.0000000	784.9375929
7122	0.8980000	0.8490000	2.2755000	0.0000000	0.0000000	0.0000000	648.0836895
7123	0.8980000	0.8990000	2.3005000	0.0000000	0.0000000	0.0000000	555.4121195
7124	0.8980000	0.9490000	2.3255000	0.0000000	0.0000000	0.0000000	494.7590478
7125	0.8980000	0.9990000	2.3505000	0.0000000	0.0000000	0.0000000	457.1006356
7126	0.8980000	1.0490000	2.3755000	0.0000000	0.0000000	0.0000000	435.7269098
7127	0.8980000	1.0990000	2.4005000	0.0000000	0.0000000	0.0000000	420.2849175
7128	0.8980000	1.1490000	2.4255000	0.0000000	0.0000000	0.0000000	408.4855086
7129	0.8980000	1.1990000	2.4505000	0.0000000	0.0000000	0.0000000	407.2342146
7130	0.8980000	1.2490000	2.4755000	0.0000000	0.0000000	0.0000000	406.3750915
7131	0.8980000	1.2990000	2.5005000	0.0000000	0.0000000	0.0000000	407.8793571
7132	0.8980000	1.3490000	2.5255000	0.0000000	0.0000000	0.0000000	410.5598266
7133	0.8980000	1.3990000	2.5505000	0.0000000	0.0000000	0.0000000	413.4856523
7134	0.8980000	1.4490000	2.5755000	0.0000000	0.0000000	0.0000000	416.8455263
7135	0.8980000	1.5490000	2.6255000	0.0000000	0.0000000	0.0000000	425.7928073
7136	0.8980000	1.6490000	2.6755000	0.0000000	0.0000000	0.0000000	435.3359086
7137	0.8980000	1.7490000	2.7255000	0.0000000	0.0000000	0.0000000	441.4929689
7138	0.8980000	1.8490000	2.7755000	0.0000000	0.0000000	0.0000000	444.7394519
7139	0.8980000	1.9490000	2.8255000	0.0000000	0.0000000	0.0000000	446.1775781
7140	0.8980000	2.0490000	2.8755000	0.0000000	0.0000000	0.0000000	446.6000802
7141	0.8980000	2.2990000	3.0005000	0.0000000	0.0000000	0.0000000	445.8188310
7142	0.8980000	2.5490000	3.1255000	0.0000000	0.0000000	0.0000000	444.5434180
7143	0.8980000	2.7990000	3.2505000	0.0000000	0.0000000	0.0000000	443.7301657
7144	0.8980000	3.0490000	3.3755000	0.0000000	0.0000000	0.0000000	443.3697870
7145	0.8980000	3.2990000	3.5005000	0.0000000	0.0000000	0.0000000	443.2540115

7146	0.8980000	3.5490000	3.6255000	0.0000000	0.0000000	0.0000000	443.2405200
7147	0.8980000	4.0490000	3.8755000	0.0000000	0.0000000	0.0000000	443.2807433
7148	0.8980000	4.5490000	4.1255000	0.0000000	0.0000000	0.0000000	443.3174527
7149	0.8980000	5.0490000	4.3755000	0.0000000	0.0000000	0.0000000	443.3444356
7150	0.8980000	5.5490000	4.6255000	0.0000000	0.0000000	0.0000000	443.3627589
7151	0.8980000	0.7990000	2.4505000	0.0000000	0.0000000	0.0000000	643.1209873
7152	0.8980000	0.8490000	2.4755000	0.0000000	0.0000000	0.0000000	506.8640821
7153	0.8980000	0.8990000	2.5005000	0.0000000	0.0000000	0.0000000	414.9129853
7154	0.8980000	0.9490000	2.5255000	0.0000000	0.0000000	0.0000000	355.2166285
7155	0.8980000	0.9990000	2.5505000	0.0000000	0.0000000	0.0000000	318.8747939
7156	0.8980000	1.0490000	2.5755000	0.0000000	0.0000000	0.0000000	299.2930470
7157	0.8980000	1.0990000	2.6005000	0.0000000	0.0000000	0.0000000	291.5663973
7158	0.8980000	1.1490000	2.6255000	0.0000000	0.0000000	0.0000000	292.0312564
7159	0.8980000	1.1990000	2.6505000	0.0000000	0.0000000	0.0000000	297.9423956
7160	0.8980000	1.2490000	2.6755000	0.0000000	0.0000000	0.0000000	307.2435920
7161	0.8980000	1.2990000	2.7005000	0.0000000	0.0000000	0.0000000	318.4060443
7162	0.8980000	1.3490000	2.7255000	0.0000000	0.0000000	0.0000000	330.3156721
7163	0.8980000	1.3990000	2.7505000	0.0000000	0.0000000	0.0000000	342.1926694
7164	0.8980000	1.4490000	2.7755000	0.0000000	0.0000000	0.0000000	353.5315773
7165	0.8980000	1.5490000	2.8255000	0.0000000	0.0000000	0.0000000	369.1851150
7166	0.8980000	1.6490000	2.8755000	0.0000000	0.0000000	0.0000000	384.8060848
7167	0.8980000	1.7490000	2.9255000	0.0000000	0.0000000	0.0000000	397.2984179
7168	0.8980000	1.8490000	2.9755000	0.0000000	0.0000000	0.0000000	407.4262954
7169	0.8980000	1.9490000	3.0255000	0.0000000	0.0000000	0.0000000	415.8838680
7170	0.8980000	2.0490000	3.0755000	0.0000000	0.0000000	0.0000000	422.9592883
7171	0.8980000	2.2990000	3.2005000	0.0000000	0.0000000	0.0000000	438.6173440
7172	0.8980000	2.5490000	3.3255000	0.0000000	0.0000000	0.0000000	440.8265538
7173	0.8980000	2.7990000	3.4505000	0.0000000	0.0000000	0.0000000	442.8659596
7174	0.8980000	3.0490000	3.5755000	0.0000000	0.0000000	0.0000000	443.8028940
7175	0.8980000	3.2990000	3.7005000	0.0000000	0.0000000	0.0000000	444.3078509
7176	0.8980000	3.5490000	3.8255000	0.0000000	0.0000000	0.0000000	444.5982622
7177	0.8980000	4.0490000	4.0755000	0.0000000	0.0000000	0.0000000	444.8672755
7178	0.8980000	4.5490000	4.3255000	0.0000000	0.0000000	0.0000000	444.9639120
7179	0.8980000	5.0490000	4.5755000	0.0000000	0.0000000	0.0000000	445.0053904
7180	0.8980000	5.5490000	4.8255000	0.0000000	0.0000000	0.0000000	445.0271650
7181	0.8980000	0.7990000	2.6505000	0.0000000	0.0000000	0.0000000	554.7480123
7182	0.8980000	0.8490000	2.6755000	0.0000000	0.0000000	0.0000000	419.1898389
7183	0.8980000	0.8990000	2.7005000	0.0000000	0.0000000	0.0000000	328.0068138
7184	0.8980000	0.9490000	2.7255000	0.0000000	0.0000000	0.0000000	269.1721530
7185	0.8980000	0.9990000	2.7505000	0.0000000	0.0000000	0.0000000	233.8139394
7186	0.8980000	1.0490000	2.7755000	0.0000000	0.0000000	0.0000000	215.3679219
7187	0.8980000	1.0990000	2.8005000	0.0000000	0.0000000	0.0000000	208.9603599
7188	0.8980000	1.1490000	2.8255000	0.0000000	0.0000000	0.0000000	210.9595424
7189	0.8980000	1.1990000	2.8505000	0.0000000	0.0000000	0.0000000	218.6513653
7190	0.8980000	1.2490000	2.8755000	0.0000000	0.0000000	0.0000000	230.0072786
7191	0.8980000	1.2990000	2.9005000	0.0000000	0.0000000	0.0000000	243.5176204
7192	0.8980000	1.3490000	2.9255000	0.0000000	0.0000000	0.0000000	258.0708201
7193	0.8980000	1.3990000	2.9505000	0.0000000	0.0000000	0.0000000	272.8636029
7194	0.8980000	1.4490000	2.9755000	0.0000000	0.0000000	0.0000000	287.3325909
7195	0.8980000	1.5490000	3.0255000	0.0000000	0.0000000	0.0000000	313.9291407
7196	0.8980000	1.6490000	3.0755000	0.0000000	0.0000000	0.0000000	336.3432771
7197	0.8980000	1.7490000	3.1255000	0.0000000	0.0000000	0.0000000	354.3746991
7198	0.8980000	1.8490000	3.1755000	0.0000000	0.0000000	0.0000000	368.4497993
7199	0.8980000	1.9490000	3.2255000	0.0000000	0.0000000	0.0000000	379.0478696
7200	0.8980000	2.0490000	3.2755000	0.0000000	0.0000000	0.0000000	386.5318614
7201	0.8980000	2.2990000	3.4005000	0.0000000	0.0000000	0.0000000	395.5195541

7202	0.8980000	2.5490000	3.5255000	0.0000000	0.0000000	0.0000000	398.0879503
7203	0.8980000	2.7990000	3.6505000	0.0000000	0.0000000	0.0000000	398.9067874
7204	0.8980000	3.0490000	3.7755000	0.0000000	0.0000000	0.0000000	399.2659739
7205	0.8980000	3.2990000	3.9005000	0.0000000	0.0000000	0.0000000	399.4650198
7206	0.8980000	3.5490000	4.0255000	0.0000000	0.0000000	0.0000000	399.5825524
7207	0.8980000	4.0490000	4.2755000	0.0000000	0.0000000	0.0000000	399.6948138
7208	0.8980000	4.5490000	4.5255000	0.0000000	0.0000000	0.0000000	399.7406848
7209	0.8980000	5.0490000	4.7755000	0.0000000	0.0000000	0.0000000	399.7635889
7210	0.8980000	5.5490000	5.0255000	0.0000000	0.0000000	0.0000000	399.7773313
7211	0.8980000	0.7990000	2.8505000	0.0000000	0.0000000	0.0000000	506.7468006
7212	0.8980000	0.8490000	2.8755000	0.0000000	0.0000000	0.0000000	371.6247463
7213	0.8980000	0.8990000	2.9005000	0.0000000	0.0000000	0.0000000	280.8991128
7214	0.8980000	0.9490000	2.9255000	0.0000000	0.0000000	0.0000000	222.5559802
7215	0.8980000	0.9990000	2.9505000	0.0000000	0.0000000	0.0000000	187.7350402
7216	0.8980000	1.0490000	2.9755000	0.0000000	0.0000000	0.0000000	169.8825839
7217	0.8980000	1.0990000	3.0005000	0.0000000	0.0000000	0.0000000	164.1349737
7218	0.8980000	1.1490000	3.0255000	0.0000000	0.0000000	0.0000000	166.8693461
7219	0.8980000	1.1990000	3.0505000	0.0000000	0.0000000	0.0000000	175.3798179
7220	0.8980000	1.2490000	3.0755000	0.0000000	0.0000000	0.0000000	187.6437375
7221	0.8980000	1.2990000	3.1005000	0.0000000	0.0000000	0.0000000	202.1548314
7222	0.8980000	1.3490000	3.1255000	0.0000000	0.0000000	0.0000000	217.8006506
7223	0.8980000	1.3990000	3.1505000	0.0000000	0.0000000	0.0000000	233.7713943
7224	0.8980000	1.4490000	3.1755000	0.0000000	0.0000000	0.0000000	249.4904439
7225	0.8980000	1.5490000	3.2255000	0.0000000	0.0000000	0.0000000	278.7142503
7226	0.8980000	1.6490000	3.2755000	0.0000000	0.0000000	0.0000000	303.7175535
7227	0.8980000	1.7490000	3.3255000	0.0000000	0.0000000	0.0000000	324.0327963
7228	0.8980000	1.8490000	3.3755000	0.0000000	0.0000000	0.0000000	339.8682488
7229	0.8980000	1.9490000	3.4255000	0.0000000	0.0000000	0.0000000	351.6002287
7230	0.8980000	2.0490000	3.4755000	0.0000000	0.0000000	0.0000000	359.7194483
7231	0.8980000	2.2990000	3.6005000	0.0000000	0.0000000	0.0000000	369.3844747
7232	0.8980000	2.5490000	3.7255000	0.0000000	0.0000000	0.0000000	372.2079536
7233	0.8980000	2.7990000	3.8505000	0.0000000	0.0000000	0.0000000	373.1147047
7234	0.8980000	3.0490000	3.9755000	0.0000000	0.0000000	0.0000000	373.4919007
7235	0.8980000	3.2990000	4.1005000	0.0000000	0.0000000	0.0000000	373.6848599
7236	0.8980000	3.5490000	4.2255000	0.0000000	0.0000000	0.0000000	373.7909089
7237	0.8980000	4.0490000	4.4755000	0.0000000	0.0000000	0.0000000	373.8856629
7238	0.8980000	4.5490000	4.7255000	0.0000000	0.0000000	0.0000000	373.9231879
7239	0.8980000	5.0490000	4.9755000	0.0000000	0.0000000	0.0000000	373.9416996
7240	0.8980000	5.5490000	5.2255000	0.0000000	0.0000000	0.0000000	373.9526810
7241	0.8980000	0.7990000	3.3505000	0.0000000	0.0000000	0.0000000	463.5481071
7242	0.8980000	0.8490000	3.3755000	0.0000000	0.0000000	0.0000000	328.9357161
7243	0.8980000	0.8990000	3.4005000	0.0000000	0.0000000	0.0000000	238.7245775
7244	0.8980000	0.9490000	3.4255000	0.0000000	0.0000000	0.0000000	180.9113767
7245	0.8980000	0.9990000	3.4505000	0.0000000	0.0000000	0.0000000	146.6439629
7246	0.8980000	1.0490000	3.4755000	0.0000000	0.0000000	0.0000000	129.3757178
7247	0.8980000	1.0990000	3.5005000	0.0000000	0.0000000	0.0000000	124.2484635
7248	0.8980000	1.1490000	3.5255000	0.0000000	0.0000000	0.0000000	127.6439799
7249	0.8980000	1.1990000	3.5505000	0.0000000	0.0000000	0.0000000	136.8594586
7250	0.8980000	1.2490000	3.5755000	0.0000000	0.0000000	0.0000000	149.8739423
7251	0.8980000	1.2990000	3.6005000	0.0000000	0.0000000	0.0000000	165.1807810
7252	0.8980000	1.3490000	3.6255000	0.0000000	0.0000000	0.0000000	181.6652665
7253	0.8980000	1.3990000	3.6505000	0.0000000	0.0000000	0.0000000	198.5125781
7254	0.8980000	1.4490000	3.6755000	0.0000000	0.0000000	0.0000000	215.1381279
7255	0.8980000	1.5490000	3.7255000	0.0000000	0.0000000	0.0000000	246.2198017
7256	0.8980000	1.6490000	3.7755000	0.0000000	0.0000000	0.0000000	273.0442001
7257	0.8980000	1.7490000	3.8255000	0.0000000	0.0000000	0.0000000	295.0154404

7258	0.8980000	1.8490000	3.8755000	0.0000000	0.0000000	0.0000000	312.2143455
7259	0.8980000	1.9490000	3.9255000	0.0000000	0.0000000	0.0000000	324.9419320
7260	0.8980000	2.0490000	3.9755000	0.0000000	0.0000000	0.0000000	333.7421248
7261	0.8980000	2.2990000	4.1005000	0.0000000	0.0000000	0.0000000	344.3416384
7262	0.8980000	2.5490000	4.2255000	0.0000000	0.0000000	0.0000000	347.5537966
7263	0.8980000	2.7990000	4.3505000	0.0000000	0.0000000	0.0000000	348.6070712
7264	0.8980000	3.0490000	4.4755000	0.0000000	0.0000000	0.0000000	349.0305774
7265	0.8980000	3.2990000	4.6005000	0.0000000	0.0000000	0.0000000	349.2322590
7266	0.8980000	3.5490000	4.7255000	0.0000000	0.0000000	0.0000000	349.3343548
7267	0.8980000	4.0490000	4.9755000	0.0000000	0.0000000	0.0000000	349.4169350
7268	0.8980000	4.5490000	5.2255000	0.0000000	0.0000000	0.0000000	349.4465535
7269	0.8980000	5.0490000	5.4755000	0.0000000	0.0000000	0.0000000	349.4598567
7270	0.8980000	5.5490000	5.7255000	0.0000000	0.0000000	0.0000000	349.4673868
7271	0.8980000	0.7990000	3.8505000	0.0000000	0.0000000	0.0000000	455.1016414
7272	0.8980000	0.8490000	3.8755000	0.0000000	0.0000000	0.0000000	320.6498299
7273	0.8980000	0.8990000	3.9005000	0.0000000	0.0000000	0.0000000	230.5933098
7274	0.8980000	0.9490000	3.9255000	0.0000000	0.0000000	0.0000000	172.9319034
7275	0.8980000	0.9990000	3.9505000	0.0000000	0.0000000	0.0000000	138.8157194
7276	0.8980000	1.0490000	3.9755000	0.0000000	0.0000000	0.0000000	121.6995199
7277	0.8980000	1.0990000	4.0005000	0.0000000	0.0000000	0.0000000	116.7260054
7278	0.8980000	1.1490000	4.0255000	0.0000000	0.0000000	0.0000000	120.2773953
7279	0.8980000	1.1990000	4.0505000	0.0000000	0.0000000	0.0000000	129.6508807
7280	0.8980000	1.2490000	4.0755000	0.0000000	0.0000000	0.0000000	142.8253794
7281	0.8980000	1.2990000	4.1005000	0.0000000	0.0000000	0.0000000	158.2939900
7282	0.8980000	1.3490000	4.1255000	0.0000000	0.0000000	0.0000000	174.9411888
7283	0.8980000	1.3990000	4.1505000	0.0000000	0.0000000	0.0000000	191.9514019
7284	0.8980000	1.4490000	4.1755000	0.0000000	0.0000000	0.0000000	208.7388491
7285	0.8980000	1.5490000	4.2255000	0.0000000	0.0000000	0.0000000	240.1363484
7286	0.8980000	1.6490000	4.2755000	0.0000000	0.0000000	0.0000000	267.2572451
7287	0.8980000	1.7490000	4.3255000	0.0000000	0.0000000	0.0000000	289.4957416
7288	0.8980000	1.8490000	4.3755000	0.0000000	0.0000000	0.0000000	306.9182283
7289	0.8980000	1.9490000	4.4255000	0.0000000	0.0000000	0.0000000	319.8144266
7290	0.8980000	2.0490000	4.4755000	0.0000000	0.0000000	0.0000000	328.7356660
7291	0.8980000	2.2990000	4.6005000	0.0000000	0.0000000	0.0000000	339.5109450
7292	0.8980000	2.5490000	4.7255000	0.0000000	0.0000000	0.0000000	342.7979650
7293	0.8980000	2.7990000	4.8505000	0.0000000	0.0000000	0.0000000	343.8777207
7294	0.8980000	3.0490000	4.9755000	0.0000000	0.0000000	0.0000000	344.3073136
7295	0.8980000	3.2990000	5.1005000	0.0000000	0.0000000	0.0000000	344.5075518
7296	0.8980000	3.5490000	5.2255000	0.0000000	0.0000000	0.0000000	344.6059454
7297	0.8980000	4.0490000	5.4755000	0.0000000	0.0000000	0.0000000	344.6814348
7298	0.8980000	4.5490000	5.7255000	0.0000000	0.0000000	0.0000000	344.7063469
7299	0.8980000	5.0490000	5.9755000	0.0000000	0.0000000	0.0000000	344.7165753
7300	0.8980000	5.5490000	6.2255000	0.0000000	0.0000000	0.0000000	344.7220974
7301	0.8980000	0.7990000	9.8505000	0.0000000	0.0000000	0.0000000	453.0828178
7302	0.8980000	0.8490000	9.8755000	0.0000000	0.0000000	0.0000000	318.6834035
7303	0.8980000	0.8990000	9.9005000	0.0000000	0.0000000	0.0000000	228.6843632
7304	0.8980000	0.9490000	9.9255000	0.0000000	0.0000000	0.0000000	171.0834488
7305	0.8980000	0.9990000	9.9505000	0.0000000	0.0000000	0.0000000	137.0296392
7306	0.8980000	1.0490000	9.9755000	0.0000000	0.0000000	0.0000000	119.9770692
7307	0.8980000	1.0990000	10.0005000	0.0000000	0.0000000	0.0000000	115.0678743
7308	0.8980000	1.1490000	10.0255000	0.0000000	0.0000000	0.0000000	118.6838976
7309	0.8980000	1.1990000	10.0505000	0.0000000	0.0000000	0.0000000	128.1216402
7310	0.8980000	1.2490000	10.0755000	0.0000000	0.0000000	0.0000000	141.3596428
7311	0.8980000	1.2990000	10.1005000	0.0000000	0.0000000	0.0000000	156.8903768
7312	0.8980000	1.3490000	10.1255000	0.0000000	0.0000000	0.0000000	173.5976910
7313	0.8980000	1.3990000	10.1505000	0.0000000	0.0000000	0.0000000	190.6657604

7314	0.8980000	1.4490000	10.1755000	0.0000000	0.0000000	0.0000000	207.5083657
7315	0.8980000	1.5490000	10.2255000	0.0000000	0.0000000	0.0000000	239.0060155
7316	0.8980000	1.6490000	10.2755000	0.0000000	0.0000000	0.0000000	266.2126301
7317	0.8980000	1.7490000	10.3255000	0.0000000	0.0000000	0.0000000	288.5218468
7318	0.8980000	1.8490000	10.3755000	0.0000000	0.0000000	0.0000000	305.9957266
7319	0.8980000	1.9490000	10.4255000	0.0000000	0.0000000	0.0000000	318.9216061
7320	0.8980000	2.0490000	10.4755000	0.0000000	0.0000000	0.0000000	327.8594118
7321	0.8980000	2.2990000	10.6005000	0.0000000	0.0000000	0.0000000	338.6587243
7322	0.8980000	2.5490000	10.7255000	0.0000000	0.0000000	0.0000000	341.9559728
7323	0.8980000	2.7990000	10.8505000	0.0000000	0.0000000	0.0000000	343.0360421
7324	0.8980000	3.0490000	10.9755000	0.0000000	0.0000000	0.0000000	343.4621211
7325	0.8980000	3.2990000	11.1005000	0.0000000	0.0000000	0.0000000	343.6579668
7326	0.8980000	3.5490000	11.2255000	0.0000000	0.0000000	0.0000000	343.7524070
7327	0.8980000	4.0490000	11.4755000	0.0000000	0.0000000	0.0000000	343.8222488
7328	0.8980000	4.5490000	11.7255000	0.0000000	0.0000000	0.0000000	343.8438978
7329	0.8980000	5.0490000	11.9755000	0.0000000	0.0000000	0.0000000	343.8519927
7330	0.8980000	5.5490000	12.2255000	0.0000000	0.0000000	0.0000000	343.8558832
7331	1.2980000	0.7990000	1.7505000	0.0000000	0.0000000	0.0000000	1593.3309105
7332	1.2980000	0.8490000	1.7755000	0.0000000	0.0000000	0.0000000	1438.3502522
7333	1.2980000	0.8990000	1.8005000	0.0000000	0.0000000	0.0000000	1327.6921568
7334	1.2980000	0.9490000	1.8255000	0.0000000	0.0000000	0.0000000	1249.6780455
7335	1.2980000	0.9990000	1.8505000	0.0000000	0.0000000	0.0000000	1195.7158702
7336	1.2980000	1.0490000	1.8755000	0.0000000	0.0000000	0.0000000	1159.4523487
7337	1.2980000	1.0990000	1.9005000	0.0000000	0.0000000	0.0000000	1136.1489686
7338	1.2980000	1.1490000	1.9255000	0.0000000	0.0000000	0.0000000	1122.2263532
7339	1.2980000	1.1990000	1.9505000	0.0000000	0.0000000	0.0000000	1114.9430390
7340	1.2980000	1.2490000	1.9755000	0.0000000	0.0000000	0.0000000	1112.1823738
7341	1.2980000	1.2990000	2.0005000	0.0000000	0.0000000	0.0000000	1112.3191081
7342	1.2980000	1.3490000	2.0255000	0.0000000	0.0000000	0.0000000	1114.1328615
7343	1.2980000	1.3990000	2.0505000	0.0000000	0.0000000	0.0000000	1117.5775748
7344	1.2980000	1.4490000	2.0755000	0.0000000	0.0000000	0.0000000	1120.4814376
7345	1.2980000	1.5490000	2.1255000	0.0000000	0.0000000	0.0000000	1125.5114908
7346	1.2980000	1.6490000	2.1755000	0.0000000	0.0000000	0.0000000	1128.8459506
7347	1.2980000	1.7490000	2.2255000	0.0000000	0.0000000	0.0000000	1130.7184389
7348	1.2980000	1.8490000	2.2755000	0.0000000	0.0000000	0.0000000	1131.6523613
7349	1.2980000	1.9490000	2.3255000	0.0000000	0.0000000	0.0000000	1132.0729181
7350	1.2980000	2.0490000	2.3755000	0.0000000	0.0000000	0.0000000	1132.2498131
7351	1.2980000	2.2990000	2.5005000	0.0000000	0.0000000	0.0000000	1132.4420819
7352	1.2980000	2.5490000	2.6255000	0.0000000	0.0000000	0.0000000	1132.7178096
7353	1.2980000	2.7990000	2.7505000	0.0000000	0.0000000	0.0000000	1133.0696542
7354	1.2980000	3.0490000	2.8755000	0.0000000	0.0000000	0.0000000	1133.3978416
7355	1.2980000	3.2990000	3.0005000	0.0000000	0.0000000	0.0000000	1133.6541165
7356	1.2980000	3.5490000	3.1255000	0.0000000	0.0000000	0.0000000	1133.8365963
7357	1.2980000	4.0490000	3.3755000	0.0000000	0.0000000	0.0000000	1134.0384033
7358	1.2980000	4.5490000	3.6255000	0.0000000	0.0000000	0.0000000	1134.1209208
7359	1.2980000	5.0490000	3.8755000	0.0000000	0.0000000	0.0000000	1134.1566888
7360	1.2980000	5.5490000	4.1255000	0.0000000	0.0000000	0.0000000	1134.1720628
7361	1.2980000	0.7990000	1.8505000	0.0000000	0.0000000	0.0000000	1083.7815461
7362	1.2980000	0.8490000	1.8755000	0.0000000	0.0000000	0.0000000	934.2899640
7363	1.2980000	0.8990000	1.9005000	0.0000000	0.0000000	0.0000000	828.7113695
7364	1.2980000	0.9490000	1.9255000	0.0000000	0.0000000	0.0000000	755.3605949
7365	1.2980000	0.9990000	1.9505000	0.0000000	0.0000000	0.0000000	705.6287120
7366	1.2980000	1.0490000	1.9755000	0.0000000	0.0000000	0.0000000	673.1464371
7367	1.2980000	1.0990000	2.0005000	0.0000000	0.0000000	0.0000000	653.1777051
7368	1.2980000	1.1490000	2.0255000	0.0000000	0.0000000	0.0000000	642.1806643
7369	1.2980000	1.1990000	2.0505000	0.0000000	0.0000000	0.0000000	637.4924783

7370	1.2980000	1.2490000	2.0755000	0.0000000	0.0000000	0.0000000	637.0990926
7371	1.2980000	1.2990000	2.1005000	0.0000000	0.0000000	0.0000000	639.4576497
7372	1.2980000	1.3490000	2.1255000	0.0000000	0.0000000	0.0000000	643.3655277
7373	1.2980000	1.3990000	2.1505000	0.0000000	0.0000000	0.0000000	647.8934478
7374	1.2980000	1.4490000	2.1755000	0.0000000	0.0000000	0.0000000	652.3744930
7375	1.2980000	1.5490000	2.2255000	0.0000000	0.0000000	0.0000000	659.7705079
7376	1.2980000	1.6490000	2.2755000	0.0000000	0.0000000	0.0000000	664.5079534
7377	1.2980000	1.7490000	2.3255000	0.0000000	0.0000000	0.0000000	667.1143140
7378	1.2980000	1.8490000	2.3755000	0.0000000	0.0000000	0.0000000	668.3923626
7379	1.2980000	1.9490000	2.4255000	0.0000000	0.0000000	0.0000000	669.8447333
7380	1.2980000	2.0490000	2.4755000	0.0000000	0.0000000	0.0000000	670.0093917
7381	1.2980000	2.2990000	2.6005000	0.0000000	0.0000000	0.0000000	670.1106718
7382	1.2980000	2.5490000	2.7255000	0.0000000	0.0000000	0.0000000	670.3145496
7383	1.2980000	2.7990000	2.8505000	0.0000000	0.0000000	0.0000000	670.6109224
7384	1.2980000	3.0490000	2.9755000	0.0000000	0.0000000	0.0000000	670.9022750
7385	1.2980000	3.2990000	3.1005000	0.0000000	0.0000000	0.0000000	671.1381558
7386	1.2980000	3.5490000	3.2255000	0.0000000	0.0000000	0.0000000	671.3108464
7387	1.2980000	4.0490000	3.4755000	0.0000000	0.0000000	0.0000000	671.5085746
7388	1.2980000	4.5490000	3.7255000	0.0000000	0.0000000	0.0000000	671.5938532
7389	1.2980000	5.0490000	3.9755000	0.0000000	0.0000000	0.0000000	671.6330725
7390	1.2980000	5.5490000	4.2255000	0.0000000	0.0000000	0.0000000	671.6514585
7391	1.2980000	0.7990000	2.0505000	0.0000000	0.0000000	0.0000000	682.6890992
7392	1.2980000	0.8490000	2.0755000	0.0000000	0.0000000	0.0000000	540.6984516
7393	1.2980000	0.8990000	2.1005000	0.0000000	0.0000000	0.0000000	442.1838568
7394	1.2980000	0.9490000	2.1255000	0.0000000	0.0000000	0.0000000	375.4437062
7395	1.2980000	0.9990000	2.1505000	0.0000000	0.0000000	0.0000000	331.8548901
7396	1.2980000	1.0490000	2.1755000	0.0000000	0.0000000	0.0000000	305.0328761
7397	1.2980000	1.0990000	2.2005000	0.0000000	0.0000000	0.0000000	290.2287354
7398	1.2980000	1.1490000	2.2255000	0.0000000	0.0000000	0.0000000	283.8974157
7399	1.2980000	1.1990000	2.2505000	0.0000000	0.0000000	0.0000000	283.4365728
7400	1.2980000	1.2490000	2.2755000	0.0000000	0.0000000	0.0000000	286.8775838
7401	1.2980000	1.2990000	2.3005000	0.0000000	0.0000000	0.0000000	292.7792477
7402	1.2980000	1.3490000	2.3255000	0.0000000	0.0000000	0.0000000	300.1255010
7403	1.2980000	1.3990000	2.3505000	0.0000000	0.0000000	0.0000000	308.2048738
7404	1.2980000	1.4490000	2.3755000	0.0000000	0.0000000	0.0000000	316.4404336
7405	1.2980000	1.5490000	2.4255000	0.0000000	0.0000000	0.0000000	330.8831916
7406	1.2980000	1.6490000	2.4755000	0.0000000	0.0000000	0.0000000	340.3802338
7407	1.2980000	1.7490000	2.5255000	0.0000000	0.0000000	0.0000000	345.6171142
7408	1.2980000	1.8490000	2.5755000	0.0000000	0.0000000	0.0000000	348.2540345
7409	1.2980000	1.9490000	2.6255000	0.0000000	0.0000000	0.0000000	349.5109987
7410	1.2980000	2.0490000	2.6755000	0.0000000	0.0000000	0.0000000	351.0216023
7411	1.2980000	2.2990000	2.8005000	0.0000000	0.0000000	0.0000000	351.3856832
7412	1.2980000	2.5490000	2.9255000	0.0000000	0.0000000	0.0000000	351.6075706
7413	1.2980000	2.7990000	3.0505000	0.0000000	0.0000000	0.0000000	351.8841767
7414	1.2980000	3.0490000	3.1755000	0.0000000	0.0000000	0.0000000	352.1612849
7415	1.2980000	3.2990000	3.3005000	0.0000000	0.0000000	0.0000000	352.3924594
7416	1.2980000	3.5490000	3.4255000	0.0000000	0.0000000	0.0000000	352.5667815
7417	1.2980000	4.0490000	3.6755000	0.0000000	0.0000000	0.0000000	352.7772483
7418	1.2980000	4.5490000	3.9255000	0.0000000	0.0000000	0.0000000	352.8781518
7419	1.2980000	5.0490000	4.1755000	0.0000000	0.0000000	0.0000000	352.9302978
7420	1.2980000	5.5490000	4.4255000	0.0000000	0.0000000	0.0000000	352.9587240
7421	1.2980000	0.7990000	2.2505000	0.0000000	0.0000000	0.0000000	608.3043771
7422	1.2980000	0.8490000	2.2755000	0.0000000	0.0000000	0.0000000	470.3337436
7423	1.2980000	0.8990000	2.3005000	0.0000000	0.0000000	0.0000000	375.5494416
7424	1.2980000	0.9490000	2.3255000	0.0000000	0.0000000	0.0000000	312.1788913
7425	1.2980000	0.9990000	2.3505000	0.0000000	0.0000000	0.0000000	271.6213225

7426	1.2980000	1.0490000	2.3755000	0.0000000	0.0000000	0.0000000	247.5218839
7427	1.2980000	1.0990000	2.4005000	0.0000000	0.0000000	0.0000000	235.1739406
7428	1.2980000	1.1490000	2.4255000	0.0000000	0.0000000	0.0000000	231.0789393
7429	1.2980000	1.1990000	2.4505000	0.0000000	0.0000000	0.0000000	232.6121960
7430	1.2980000	1.2490000	2.4755000	0.0000000	0.0000000	0.0000000	237.6623922
7431	1.2980000	1.2990000	2.5005000	0.0000000	0.0000000	0.0000000	245.0430332
7432	1.2980000	1.3490000	2.5255000	0.0000000	0.0000000	0.0000000	252.4333378
7433	1.2980000	1.3990000	2.5505000	0.0000000	0.0000000	0.0000000	260.3696384
7434	1.2980000	1.4490000	2.5755000	0.0000000	0.0000000	0.0000000	268.3916567
7435	1.2980000	1.5490000	2.6255000	0.0000000	0.0000000	0.0000000	283.8115725
7436	1.2980000	1.6490000	2.6755000	0.0000000	0.0000000	0.0000000	297.8788289
7437	1.2980000	1.7490000	2.7255000	0.0000000	0.0000000	0.0000000	312.5953693
7438	1.2980000	1.8490000	2.7755000	0.0000000	0.0000000	0.0000000	316.2630995
7439	1.2980000	1.9490000	2.8255000	0.0000000	0.0000000	0.0000000	317.4379227
7440	1.2980000	2.0490000	2.8755000	0.0000000	0.0000000	0.0000000	317.1040876
7441	1.2980000	2.2990000	3.0005000	0.0000000	0.0000000	0.0000000	314.7430832
7442	1.2980000	2.5490000	3.1255000	0.0000000	0.0000000	0.0000000	312.3417927
7443	1.2980000	2.7990000	3.2505000	0.0000000	0.0000000	0.0000000	310.8495125
7444	1.2980000	3.0490000	3.3755000	0.0000000	0.0000000	0.0000000	310.1318299
7445	1.2980000	3.2990000	3.5005000	0.0000000	0.0000000	0.0000000	309.8380299
7446	1.2980000	3.5490000	3.6255000	0.0000000	0.0000000	0.0000000	309.7359969
7447	1.2980000	4.0490000	3.8755000	0.0000000	0.0000000	0.0000000	309.7071942
7448	1.2980000	4.5490000	4.1255000	0.0000000	0.0000000	0.0000000	309.7189287
7449	1.2980000	5.0490000	4.3755000	0.0000000	0.0000000	0.0000000	309.7329221
7450	1.2980000	5.5490000	4.6255000	0.0000000	0.0000000	0.0000000	309.7430878
7451	1.2980000	0.7990000	2.4505000	0.0000000	0.0000000	0.0000000	635.2106656
7452	1.2980000	0.8490000	2.4755000	0.0000000	0.0000000	0.0000000	499.2277311
7453	1.2980000	0.8990000	2.5005000	0.0000000	0.0000000	0.0000000	406.3152898
7454	1.2980000	0.9490000	2.5255000	0.0000000	0.0000000	0.0000000	344.4854635
7455	1.2980000	0.9990000	2.5505000	0.0000000	0.0000000	0.0000000	304.9699370
7456	1.2980000	1.0490000	2.5755000	0.0000000	0.0000000	0.0000000	281.4233970
7457	1.2980000	1.0990000	2.6005000	0.0000000	0.0000000	0.0000000	269.2750645
7458	1.2980000	1.1490000	2.6255000	0.0000000	0.0000000	0.0000000	265.1837027
7459	1.2980000	1.1990000	2.6505000	0.0000000	0.0000000	0.0000000	266.6462391
7460	1.2980000	1.2490000	2.6755000	0.0000000	0.0000000	0.0000000	271.7358430
7461	1.2980000	1.2990000	2.7005000	0.0000000	0.0000000	0.0000000	278.8990519
7462	1.2980000	1.3490000	2.7255000	0.0000000	0.0000000	0.0000000	285.4704565
7463	1.2980000	1.3990000	2.7505000	0.0000000	0.0000000	0.0000000	294.2188171
7464	1.2980000	1.4490000	2.7755000	0.0000000	0.0000000	0.0000000	302.6925168
7465	1.2980000	1.5490000	2.8255000	0.0000000	0.0000000	0.0000000	318.4898796
7466	1.2980000	1.6490000	2.8755000	0.0000000	0.0000000	0.0000000	332.5672388
7467	1.2980000	1.7490000	2.9255000	0.0000000	0.0000000	0.0000000	343.2237930
7468	1.2980000	1.8490000	2.9755000	0.0000000	0.0000000	0.0000000	347.3969192
7469	1.2980000	1.9490000	3.0255000	0.0000000	0.0000000	0.0000000	348.8457759
7470	1.2980000	2.0490000	3.0755000	0.0000000	0.0000000	0.0000000	348.9416593
7471	1.2980000	2.2990000	3.2005000	0.0000000	0.0000000	0.0000000	347.0810938
7472	1.2980000	2.5490000	3.3255000	0.0000000	0.0000000	0.0000000	345.0512260
7473	1.2980000	2.7990000	3.4505000	0.0000000	0.0000000	0.0000000	343.8518044
7474	1.2980000	3.0490000	3.5755000	0.0000000	0.0000000	0.0000000	343.3091970
7475	1.2980000	3.2990000	3.7005000	0.0000000	0.0000000	0.0000000	343.1048800
7476	1.2980000	3.5490000	3.8255000	0.0000000	0.0000000	0.0000000	343.0441998
7477	1.2980000	4.0490000	4.0755000	0.0000000	0.0000000	0.0000000	343.0416897
7478	1.2980000	4.5490000	4.3255000	0.0000000	0.0000000	0.0000000	343.0608287
7479	1.2980000	5.0490000	4.5755000	0.0000000	0.0000000	0.0000000	343.0766420
7480	1.2980000	5.5490000	4.8255000	0.0000000	0.0000000	0.0000000	343.0869960
7481	1.2980000	0.7990000	2.6505000	0.0000000	0.0000000	0.0000000	539.0704411

7482	1.2980000	0.8490000	2.6755000	0.0000000	0.0000000	0.0000000	404.0548751
7483	1.2980000	0.8990000	2.7005000	0.0000000	0.0000000	0.0000000	316.6918139
7484	1.2980000	0.9490000	2.7255000	0.0000000	0.0000000	0.0000000	257.4009537
7485	1.2980000	0.9990000	2.7505000	0.0000000	0.0000000	0.0000000	221.4746559
7486	1.2980000	1.0490000	2.7755000	0.0000000	0.0000000	0.0000000	202.3363071
7487	1.2980000	1.0990000	2.8005000	0.0000000	0.0000000	0.0000000	195.0968559
7488	1.2980000	1.1490000	2.8255000	0.0000000	0.0000000	0.0000000	196.1072088
7489	1.2980000	1.1990000	2.8505000	0.0000000	0.0000000	0.0000000	202.6352527
7490	1.2980000	1.2490000	2.8755000	0.0000000	0.0000000	0.0000000	212.6350554
7491	1.2980000	1.2990000	2.9005000	0.0000000	0.0000000	0.0000000	224.5831495
7492	1.2980000	1.3490000	2.9255000	0.0000000	0.0000000	0.0000000	237.3616270
7493	1.2980000	1.3990000	2.9505000	0.0000000	0.0000000	0.0000000	250.1736134
7494	1.2980000	1.4490000	2.9755000	0.0000000	0.0000000	0.0000000	262.4799527
7495	1.2980000	1.5490000	3.0255000	0.0000000	0.0000000	0.0000000	284.4132913
7496	1.2980000	1.6490000	3.0755000	0.0000000	0.0000000	0.0000000	302.2007377
7497	1.2980000	1.7490000	3.1255000	0.0000000	0.0000000	0.0000000	316.1832802
7498	1.2980000	1.8490000	3.1755000	0.0000000	0.0000000	0.0000000	327.1315008
7499	1.2980000	1.9490000	3.2255000	0.0000000	0.0000000	0.0000000	335.7627681
7500	1.2980000	2.0490000	3.2755000	0.0000000	0.0000000	0.0000000	342.3636030
7501	1.2980000	2.2990000	3.4005000	0.0000000	0.0000000	0.0000000	350.9558392
7502	1.2980000	2.5490000	3.5255000	0.0000000	0.0000000	0.0000000	353.3989846
7503	1.2980000	2.7990000	3.6505000	0.0000000	0.0000000	0.0000000	354.1622871
7504	1.2980000	3.0490000	3.7755000	0.0000000	0.0000000	0.0000000	354.5211598
7505	1.2980000	3.2990000	3.9005000	0.0000000	0.0000000	0.0000000	354.7382781
7506	1.2980000	3.5490000	4.0255000	0.0000000	0.0000000	0.0000000	354.8740084
7507	1.2980000	4.0490000	4.2755000	0.0000000	0.0000000	0.0000000	355.0059109
7508	1.2980000	4.5490000	4.5255000	0.0000000	0.0000000	0.0000000	355.0542919
7509	1.2980000	5.0490000	4.7755000	0.0000000	0.0000000	0.0000000	355.0744349
7510	1.2980000	5.5490000	5.0255000	0.0000000	0.0000000	0.0000000	355.0845378
7511	1.2980000	0.7990000	2.8505000	0.0000000	0.0000000	0.0000000	468.0277717
7512	1.2980000	0.8490000	2.8755000	0.0000000	0.0000000	0.0000000	332.7187824
7513	1.2980000	0.8990000	2.9005000	0.0000000	0.0000000	0.0000000	241.7661159
7514	1.2980000	0.9490000	2.9255000	0.0000000	0.0000000	0.0000000	183.1532170
7515	1.2980000	0.9990000	2.9505000	0.0000000	0.0000000	0.0000000	148.0161378
7516	1.2980000	1.0490000	2.9755000	0.0000000	0.0000000	0.0000000	129.7970904
7517	1.2980000	1.0990000	3.0005000	0.0000000	0.0000000	0.0000000	123.6275428
7518	1.2980000	1.1490000	3.0255000	0.0000000	0.0000000	0.0000000	125.8801764
7519	1.2980000	1.1990000	3.0505000	0.0000000	0.0000000	0.0000000	133.8446521
7520	1.2980000	1.2490000	3.0755000	0.0000000	0.0000000	0.0000000	145.4951812
7521	1.2980000	1.2990000	3.1005000	0.0000000	0.0000000	0.0000000	159.3239840
7522	1.2980000	1.3490000	3.1255000	0.0000000	0.0000000	0.0000000	174.2196157
7523	1.2980000	1.3990000	3.1505000	0.0000000	0.0000000	0.0000000	189.3770442
7524	1.2980000	1.4490000	3.1755000	0.0000000	0.0000000	0.0000000	204.2283110
7525	1.2980000	1.5490000	3.2255000	0.0000000	0.0000000	0.0000000	231.6134520
7526	1.2980000	1.6490000	3.2755000	0.0000000	0.0000000	0.0000000	254.7782780
7527	1.2980000	1.7490000	3.3255000	0.0000000	0.0000000	0.0000000	273.4287380
7528	1.2980000	1.8490000	3.3755000	0.0000000	0.0000000	0.0000000	287.9272189
7529	1.2980000	1.9490000	3.4255000	0.0000000	0.0000000	0.0000000	298.7521339
7530	1.2980000	2.0490000	3.4755000	0.0000000	0.0000000	0.0000000	306.3286832
7531	1.2980000	2.2990000	3.6005000	0.0000000	0.0000000	0.0000000	315.3762403
7532	1.2980000	2.5490000	3.7255000	0.0000000	0.0000000	0.0000000	317.9737530
7533	1.2980000	2.7990000	3.8505000	0.0000000	0.0000000	0.0000000	318.8027558
7534	1.2980000	3.0490000	3.9755000	0.0000000	0.0000000	0.0000000	319.1592439
7535	1.2980000	3.2990000	4.1005000	0.0000000	0.0000000	0.0000000	319.3498813
7536	1.2980000	3.5490000	4.2255000	0.0000000	0.0000000	0.0000000	319.4573737
7537	1.2980000	4.0490000	4.4755000	0.0000000	0.0000000	0.0000000	319.5526296

7538	1.2980000	4.5490000	4.7255000	0.0000000	0.0000000	0.0000000	319.5868289
7539	1.2980000	5.0490000	4.9755000	0.0000000	0.0000000	0.0000000	319.6014498
7540	1.2980000	5.5490000	5.2255000	0.0000000	0.0000000	0.0000000	319.6092309
7541	1.2980000	0.7990000	3.3505000	0.0000000	0.0000000	0.0000000	396.5907127
7542	1.2980000	0.8490000	3.3755000	0.0000000	0.0000000	0.0000000	261.9238537
7543	1.2980000	0.8990000	3.4005000	0.0000000	0.0000000	0.0000000	171.6520352
7544	1.2980000	0.9490000	3.4255000	0.0000000	0.0000000	0.0000000	113.7719417
7545	1.2980000	0.9990000	3.4505000	0.0000000	0.0000000	0.0000000	79.4314231
7546	1.2980000	1.0490000	3.4755000	0.0000000	0.0000000	0.0000000	62.0837354
7547	1.2980000	1.0990000	3.5005000	0.0000000	0.0000000	0.0000000	56.8704495
7548	1.2980000	1.1490000	3.5255000	0.0000000	0.0000000	0.0000000	60.1732829
7549	1.2980000	1.1990000	3.5505000	0.0000000	0.0000000	0.0000000	69.2893639
7550	1.2980000	1.2490000	3.5755000	0.0000000	0.0000000	0.0000000	82.1979868
7551	1.2980000	1.2990000	3.6005000	0.0000000	0.0000000	0.0000000	97.3930033
7552	1.2980000	1.3490000	3.6255000	0.0000000	0.0000000	0.0000000	113.7603328
7553	1.2980000	1.3990000	3.6505000	0.0000000	0.0000000	0.0000000	130.4861587
7554	1.2980000	1.4490000	3.6755000	0.0000000	0.0000000	0.0000000	146.9875870
7555	1.2980000	1.5490000	3.7255000	0.0000000	0.0000000	0.0000000	177.8202650
7556	1.2980000	1.6490000	3.7755000	0.0000000	0.0000000	0.0000000	204.4067747
7557	1.2980000	1.7490000	3.8255000	0.0000000	0.0000000	0.0000000	226.1572570
7558	1.2980000	1.8490000	3.8755000	0.0000000	0.0000000	0.0000000	243.1724902
7559	1.2980000	1.9490000	3.9255000	0.0000000	0.0000000	0.0000000	255.7825441
7560	1.2980000	2.0490000	3.9755000	0.0000000	0.0000000	0.0000000	264.5261356
7561	1.2980000	2.2990000	4.1005000	0.0000000	0.0000000	0.0000000	275.1026823
7562	1.2980000	2.5490000	4.2255000	0.0000000	0.0000000	0.0000000	278.3251316
7563	1.2980000	2.7990000	4.3505000	0.0000000	0.0000000	0.0000000	279.3861874
7564	1.2980000	3.0490000	4.4755000	0.0000000	0.0000000	0.0000000	279.8135214
7565	1.2980000	3.2990000	4.6005000	0.0000000	0.0000000	0.0000000	280.0160814
7566	1.2980000	3.5490000	4.7255000	0.0000000	0.0000000	0.0000000	280.1171732
7567	1.2980000	4.0490000	4.9755000	0.0000000	0.0000000	0.0000000	280.1957375
7568	1.2980000	4.5490000	5.2255000	0.0000000	0.0000000	0.0000000	280.2216536
7569	1.2980000	5.0490000	5.4755000	0.0000000	0.0000000	0.0000000	280.2322585
7570	1.2980000	5.5490000	5.7255000	0.0000000	0.0000000	0.0000000	280.2379688
7571	1.2980000	0.7990000	3.8505000	0.0000000	0.0000000	0.0000000	382.5203815
7572	1.2980000	0.8490000	3.8755000	0.0000000	0.0000000	0.0000000	248.0589692
7573	1.2980000	0.8990000	3.9005000	0.0000000	0.0000000	0.0000000	157.9900243
7574	1.2980000	0.9490000	3.9255000	0.0000000	0.0000000	0.0000000	100.3139344
7575	1.2980000	0.9990000	3.9505000	0.0000000	0.0000000	0.0000000	66.1813723
7576	1.2980000	1.0490000	3.9755000	0.0000000	0.0000000	0.0000000	49.0473515
7577	1.2980000	1.0990000	4.0005000	0.0000000	0.0000000	0.0000000	44.0548235
7578	1.2980000	1.1490000	4.0255000	0.0000000	0.0000000	0.0000000	47.5861957
7579	1.2980000	1.1990000	4.0505000	0.0000000	0.0000000	0.0000000	56.9387225
7580	1.2980000	1.2490000	4.0755000	0.0000000	0.0000000	0.0000000	70.0915720
7581	1.2980000	1.2990000	4.1005000	0.0000000	0.0000000	0.0000000	85.5378432
7582	1.2980000	1.3490000	4.1255000	0.0000000	0.0000000	0.0000000	102.1623263
7583	1.2980000	1.3990000	4.1505000	0.0000000	0.0000000	0.0000000	119.1495725
7584	1.2980000	1.4490000	4.1755000	0.0000000	0.0000000	0.0000000	135.9144921
7585	1.2980000	1.5490000	4.2255000	0.0000000	0.0000000	0.0000000	167.2701365
7586	1.2980000	1.6490000	4.2755000	0.0000000	0.0000000	0.0000000	194.3548886
7587	1.2980000	1.7490000	4.3255000	0.0000000	0.0000000	0.0000000	216.5564249
7588	1.2980000	1.8490000	4.3755000	0.0000000	0.0000000	0.0000000	233.9519915
7589	1.2980000	1.9490000	4.4255000	0.0000000	0.0000000	0.0000000	246.8521430
7590	1.2980000	2.0490000	4.4755000	0.0000000	0.0000000	0.0000000	255.8029381
7591	1.2980000	2.2990000	4.6005000	0.0000000	0.0000000	0.0000000	266.6671979
7592	1.2980000	2.5490000	4.7255000	0.0000000	0.0000000	0.0000000	270.0049836
7593	1.2980000	2.7990000	4.8505000	0.0000000	0.0000000	0.0000000	271.1071412

7594	1.2980000	3.0490000	4.9755000	0.0000000	0.0000000	0.0000000	271.5458958
7595	1.2980000	3.2990000	5.1005000	0.0000000	0.0000000	0.0000000	271.7491462
7596	1.2980000	3.5490000	5.2255000	0.0000000	0.0000000	0.0000000	271.8479161
7597	1.2980000	4.0490000	5.4755000	0.0000000	0.0000000	0.0000000	271.9218367
7598	1.2980000	4.5490000	5.7255000	0.0000000	0.0000000	0.0000000	271.9452428
7599	1.2980000	5.0490000	5.9755000	0.0000000	0.0000000	0.0000000	271.9545300
7600	1.2980000	5.5490000	6.2255000	0.0000000	0.0000000	0.0000000	271.9595500
7601	1.2980000	0.7990000	9.8505000	0.0000000	0.0000000	0.0000000	379.5263456
7602	1.2980000	0.8490000	9.8755000	0.0000000	0.0000000	0.0000000	245.1214092
7603	1.2980000	0.8990000	9.9005000	0.0000000	0.0000000	0.0000000	155.1166585
7604	1.2980000	0.9490000	9.9255000	0.0000000	0.0000000	0.0000000	97.5098456
7605	1.2980000	0.9990000	9.9505000	0.0000000	0.0000000	0.0000000	63.4500745
7606	1.2980000	1.0490000	9.9755000	0.0000000	0.0000000	0.0000000	46.3912922
7607	1.2980000	1.0990000	10.0005000	0.0000000	0.0000000	0.0000000	41.4758222
7608	1.2980000	1.1490000	10.0255000	0.0000000	0.0000000	0.0000000	45.0853196
7609	1.2980000	1.1990000	10.0505000	0.0000000	0.0000000	0.0000000	54.5164732
7610	1.2980000	1.2490000	10.0755000	0.0000000	0.0000000	0.0000000	67.7475732
7611	1.2980000	1.2990000	10.1005000	0.0000000	0.0000000	0.0000000	83.2712163
7612	1.2980000	1.3490000	10.1255000	0.0000000	0.0000000	0.0000000	99.9713769
7613	1.2980000	1.3990000	10.1505000	0.0000000	0.0000000	0.0000000	117.0322928
7614	1.2980000	1.4490000	10.1755000	0.0000000	0.0000000	0.0000000	133.8681209
7615	1.2980000	1.5490000	10.2255000	0.0000000	0.0000000	0.0000000	165.3552286
7616	1.2980000	1.6490000	10.2755000	0.0000000	0.0000000	0.0000000	192.5544384
7617	1.2980000	1.7490000	10.3255000	0.0000000	0.0000000	0.0000000	214.8512306
7618	1.2980000	1.8490000	10.3755000	0.0000000	0.0000000	0.0000000	232.3178313
7619	1.2980000	1.9490000	10.4255000	0.0000000	0.0000000	0.0000000	245.2614693
7620	1.2980000	2.0490000	10.4755000	0.0000000	0.0000000	0.0000000	254.2347292
7621	1.2980000	2.2990000	10.6005000	0.0000000	0.0000000	0.0000000	265.1170613
7622	1.2980000	2.5490000	10.7255000	0.0000000	0.0000000	0.0000000	268.4571687
7623	1.2980000	2.7990000	10.8505000	0.0000000	0.0000000	0.0000000	269.5563770
7624	1.2980000	3.0490000	10.9755000	0.0000000	0.0000000	0.0000000	269.9910528
7625	1.2980000	3.2990000	11.1005000	0.0000000	0.0000000	0.0000000	270.1909146
7626	1.2980000	3.5490000	11.2255000	0.0000000	0.0000000	0.0000000	270.2871746
7627	1.2980000	4.0490000	11.4755000	0.0000000	0.0000000	0.0000000	270.3582714
7628	1.2980000	4.5490000	11.7255000	0.0000000	0.0000000	0.0000000	270.3802342
7629	1.2980000	5.0490000	11.9755000	0.0000000	0.0000000	0.0000000	270.3883290
7630	1.2980000	5.5490000	12.2255000	0.0000000	0.0000000	0.0000000	270.3922824
7631	1.0980000	0.8000000	1.0000000	90.0000000	90.0000000	90.0000000	1005.7841264
7632	1.0980000	0.9000000	1.0000000	90.0000000	90.0000000	90.0000000	685.4857206
7633	1.0980000	1.0000000	1.0000000	90.0000000	90.0000000	90.0000000	502.1817946
7634	1.0980000	1.1000000	1.0000000	90.0000000	90.0000000	90.0000000	396.8533255
7635	1.0980000	1.2000000	1.0000000	90.0000000	90.0000000	90.0000000	336.8656160
7636	1.0980000	1.3000000	1.0000000	90.0000000	90.0000000	90.0000000	303.6702393
7637	1.0980000	1.4000000	1.0000000	90.0000000	90.0000000	90.0000000	286.4932970
7638	1.0980000	1.5000000	1.0000000	90.0000000	90.0000000	90.0000000	279.0450733
7639	1.0980000	1.6000000	1.0000000	90.0000000	90.0000000	90.0000000	277.6602226
7640	1.0980000	1.7000000	1.0000000	90.0000000	90.0000000	90.0000000	280.1661189
7641	1.0980000	1.8000000	1.0000000	90.0000000	90.0000000	90.0000000	285.2033257
7642	1.0980000	2.0000000	1.0000000	90.0000000	90.0000000	90.0000000	299.4385037
7643	1.0980000	2.2000000	1.0000000	90.0000000	90.0000000	90.0000000	315.5638657
7644	1.0980000	2.4000000	1.0000000	90.0000000	90.0000000	90.0000000	331.0002222
7645	1.0980000	2.6000000	1.0000000	90.0000000	90.0000000	90.0000000	344.4806945
7646	1.0980000	2.8000000	1.0000000	90.0000000	90.0000000	90.0000000	355.3750747
7647	1.0980000	3.0000000	1.0000000	90.0000000	90.0000000	90.0000000	350.1489876
7648	1.0980000	3.2000000	1.0000000	90.0000000	90.0000000	90.0000000	323.7617750
7649	1.0980000	3.4000000	1.0000000	90.0000000	90.0000000	90.0000000	302.0660114

7650	1.0980000	3.6000000	1.0000000	90.0000000	90.0000000	90.0000000	284.6551962
7651	1.0980000	3.8000000	1.0000000	90.0000000	90.0000000	90.0000000	270.9379647
7652	1.0980000	4.0000000	1.0000000	90.0000000	90.0000000	90.0000000	260.2886268
7653	1.0980000	4.4000000	1.0000000	90.0000000	90.0000000	90.0000000	245.9139536
7654	1.0980000	4.8000000	1.0000000	90.0000000	90.0000000	90.0000000	237.7588405
7655	1.0980000	5.2000000	1.0000000	90.0000000	90.0000000	90.0000000	233.2981266
7656	1.0980000	5.6000000	1.0000000	90.0000000	90.0000000	90.0000000	230.9528100
7657	1.0980000	6.0000000	1.0000000	90.0000000	90.0000000	90.0000000	229.7685114
7658	1.0980000	7.0000000	1.0000000	90.0000000	90.0000000	90.0000000	228.8539790
7659	1.0980000	8.0000000	1.0000000	90.0000000	90.0000000	90.0000000	228.7523225
7660	1.0980000	9.0000000	1.0000000	90.0000000	90.0000000	90.0000000	228.7712105
7661	1.0980000	10.0000000	1.0000000	90.0000000	90.0000000	90.0000000	228.7945538
7662	1.0980000	0.8000000	1.1000000	90.0000000	90.0000000	90.0000000	930.8003211
7663	1.0980000	0.9000000	1.1000000	90.0000000	90.0000000	90.0000000	625.2907448
7664	1.0980000	1.0000000	1.1000000	90.0000000	90.0000000	90.0000000	454.1273074
7665	1.0980000	1.1000000	1.1000000	90.0000000	90.0000000	90.0000000	358.7857769
7666	1.0980000	1.2000000	1.1000000	90.0000000	90.0000000	90.0000000	307.1138858
7667	1.0980000	1.3000000	1.1000000	90.0000000	90.0000000	90.0000000	280.8901394
7668	1.0980000	1.4000000	1.1000000	90.0000000	90.0000000	90.0000000	269.5434503
7669	1.0980000	1.5000000	1.1000000	90.0000000	90.0000000	90.0000000	266.9222805
7670	1.0980000	1.6000000	1.1000000	90.0000000	90.0000000	90.0000000	269.4749891
7671	1.0980000	1.7000000	1.1000000	90.0000000	90.0000000	90.0000000	275.1335557
7672	1.0980000	1.8000000	1.1000000	90.0000000	90.0000000	90.0000000	282.6382553
7673	1.0980000	2.0000000	1.1000000	90.0000000	90.0000000	90.0000000	300.1467109
7674	1.0980000	2.2000000	1.1000000	90.0000000	90.0000000	90.0000000	317.9606381
7675	1.0980000	2.4000000	1.1000000	90.0000000	90.0000000	90.0000000	334.1082139
7676	1.0980000	2.6000000	1.1000000	90.0000000	90.0000000	90.0000000	347.6914722
7677	1.0980000	2.8000000	1.1000000	90.0000000	90.0000000	90.0000000	358.2247835
7678	1.0980000	3.0000000	1.1000000	90.0000000	90.0000000	90.0000000	332.4867921
7679	1.0980000	3.2000000	1.1000000	90.0000000	90.0000000	90.0000000	309.7860094
7680	1.0980000	3.4000000	1.1000000	90.0000000	90.0000000	90.0000000	291.3003960
7681	1.0980000	3.6000000	1.1000000	90.0000000	90.0000000	90.0000000	276.5168376
7682	1.0980000	3.8000000	1.1000000	90.0000000	90.0000000	90.0000000	264.8736504
7683	1.0980000	4.0000000	1.1000000	90.0000000	90.0000000	90.0000000	255.8205711
7684	1.0980000	4.4000000	1.1000000	90.0000000	90.0000000	90.0000000	243.5511922
7685	1.0980000	4.8000000	1.1000000	90.0000000	90.0000000	90.0000000	236.5472452
7686	1.0980000	5.2000000	1.1000000	90.0000000	90.0000000	90.0000000	232.6970981
7687	1.0980000	5.6000000	1.1000000	90.0000000	90.0000000	90.0000000	230.6650968
7688	1.0980000	6.0000000	1.1000000	90.0000000	90.0000000	90.0000000	229.6355421
7689	1.0980000	7.0000000	1.1000000	90.0000000	90.0000000	90.0000000	228.8381658
7690	1.0980000	8.0000000	1.1000000	90.0000000	90.0000000	90.0000000	228.7525107
7691	1.0980000	9.0000000	1.1000000	90.0000000	90.0000000	90.0000000	228.7725283
7692	1.0980000	10.0000000	1.1000000	90.0000000	90.0000000	90.0000000	228.7954324
7693	1.0980000	0.8000000	1.2000000	90.0000000	90.0000000	90.0000000	880.9455091
7694	1.0980000	0.9000000	1.2000000	90.0000000	90.0000000	90.0000000	588.2688154
7695	1.0980000	1.0000000	1.2000000	90.0000000	90.0000000	90.0000000	427.2286745
7696	1.0980000	1.1000000	1.2000000	90.0000000	90.0000000	90.0000000	339.7062886
7697	1.0980000	1.2000000	1.2000000	90.0000000	90.0000000	90.0000000	294.0921857
7698	1.0980000	1.3000000	1.2000000	90.0000000	90.0000000	90.0000000	272.6004255
7699	1.0980000	1.4000000	1.2000000	90.0000000	90.0000000	90.0000000	264.9683415
7700	1.0980000	1.5000000	1.2000000	90.0000000	90.0000000	90.0000000	265.2608237
7701	1.0980000	1.6000000	1.2000000	90.0000000	90.0000000	90.0000000	270.0824810
7702	1.0980000	1.7000000	1.2000000	90.0000000	90.0000000	90.0000000	277.4783076
7703	1.0980000	1.8000000	1.2000000	90.0000000	90.0000000	90.0000000	286.2711586
7704	1.0980000	2.0000000	1.2000000	90.0000000	90.0000000	90.0000000	305.2647409
7705	1.0980000	2.2000000	1.2000000	90.0000000	90.0000000	90.0000000	323.4893731

7706	1.0980000	2.4000000	1.2000000	90.0000000	90.0000000	90.0000000	339.3599661
7707	1.0980000	2.6000000	1.2000000	90.0000000	90.0000000	90.0000000	365.2033164
7708	1.0980000	2.8000000	1.2000000	90.0000000	90.0000000	90.0000000	338.3267718
7709	1.0980000	3.0000000	1.2000000	90.0000000	90.0000000	90.0000000	315.5372592
7710	1.0980000	3.2000000	1.2000000	90.0000000	90.0000000	90.0000000	296.6444550
7711	1.0980000	3.4000000	1.2000000	90.0000000	90.0000000	90.0000000	281.2723554
7712	1.0980000	3.6000000	1.2000000	90.0000000	90.0000000	90.0000000	268.9660161
7713	1.0980000	3.8000000	1.2000000	90.0000000	90.0000000	90.0000000	259.2510399
7714	1.0980000	4.0000000	1.2000000	90.0000000	90.0000000	90.0000000	251.6725453
7715	1.0980000	4.4000000	1.2000000	90.0000000	90.0000000	90.0000000	241.3463121
7716	1.0980000	4.8000000	1.2000000	90.0000000	90.0000000	90.0000000	235.4108882
7717	1.0980000	5.2000000	1.2000000	90.0000000	90.0000000	90.0000000	232.1312099
7718	1.0980000	5.6000000	1.2000000	90.0000000	90.0000000	90.0000000	230.3932597
7719	1.0980000	6.0000000	1.2000000	90.0000000	90.0000000	90.0000000	229.5094127
7720	1.0980000	7.0000000	1.2000000	90.0000000	90.0000000	90.0000000	228.8231683
7721	1.0980000	8.0000000	1.2000000	90.0000000	90.0000000	90.0000000	228.7528872
7722	1.0980000	9.0000000	1.2000000	90.0000000	90.0000000	90.0000000	228.7739715
7723	1.0980000	10.0000000	1.2000000	90.0000000	90.0000000	90.0000000	228.7964364
7724	1.0980000	0.8000000	1.3000000	90.0000000	90.0000000	90.0000000	848.1415407
7725	1.0980000	0.9000000	1.3000000	90.0000000	90.0000000	90.0000000	566.4835279
7726	1.0980000	1.0000000	1.3000000	90.0000000	90.0000000	90.0000000	413.8731394
7727	1.0980000	1.1000000	1.3000000	90.0000000	90.0000000	90.0000000	332.5305512
7728	1.0980000	1.2000000	1.3000000	90.0000000	90.0000000	90.0000000	291.3898162
7729	1.0980000	1.3000000	1.3000000	90.0000000	90.0000000	90.0000000	273.1277217
7730	1.0980000	1.4000000	1.3000000	90.0000000	90.0000000	90.0000000	267.8287179
7731	1.0980000	1.5000000	1.3000000	90.0000000	90.0000000	90.0000000	269.8067533
7732	1.0980000	1.6000000	1.3000000	90.0000000	90.0000000	90.0000000	275.8374959
7733	1.0980000	1.7000000	1.3000000	90.0000000	90.0000000	90.0000000	284.0764443
7734	1.0980000	1.8000000	1.3000000	90.0000000	90.0000000	90.0000000	293.4134714
7735	1.0980000	2.0000000	1.3000000	90.0000000	90.0000000	90.0000000	312.7578942
7736	1.0980000	2.2000000	1.3000000	90.0000000	90.0000000	90.0000000	330.5659229
7737	1.0980000	2.4000000	1.3000000	90.0000000	90.0000000	90.0000000	345.5105630
7738	1.0980000	2.6000000	1.3000000	90.0000000	90.0000000	90.0000000	340.2126888
7739	1.0980000	2.8000000	1.3000000	90.0000000	90.0000000	90.0000000	318.5508107
7740	1.0980000	3.0000000	1.3000000	90.0000000	90.0000000	90.0000000	300.0946276
7741	1.0980000	3.2000000	1.3000000	90.0000000	90.0000000	90.0000000	284.7436123
7742	1.0980000	3.4000000	1.3000000	90.0000000	90.0000000	90.0000000	272.2126874
7743	1.0980000	3.6000000	1.3000000	90.0000000	90.0000000	90.0000000	262.1437958
7744	1.0980000	3.8000000	1.3000000	90.0000000	90.0000000	90.0000000	254.1617499
7745	1.0980000	4.0000000	1.3000000	90.0000000	90.0000000	90.0000000	247.9072375
7746	1.0980000	4.4000000	1.3000000	90.0000000	90.0000000	90.0000000	239.3318812
7747	1.0980000	4.8000000	1.3000000	90.0000000	90.0000000	90.0000000	234.3670262
7748	1.0980000	5.2000000	1.3000000	90.0000000	90.0000000	90.0000000	231.6091221
7749	1.0980000	5.6000000	1.3000000	90.0000000	90.0000000	90.0000000	230.1414402
7750	1.0980000	6.0000000	1.3000000	90.0000000	90.0000000	90.0000000	229.3921939
7751	1.0980000	7.0000000	1.3000000	90.0000000	90.0000000	90.0000000	228.8093631
7752	1.0980000	8.0000000	1.3000000	90.0000000	90.0000000	90.0000000	228.7535775
7753	1.0980000	9.0000000	1.3000000	90.0000000	90.0000000	90.0000000	228.7755403
7754	1.0980000	10.0000000	1.3000000	90.0000000	90.0000000	90.0000000	228.7974404
7755	1.0980000	0.8000000	1.4000000	90.0000000	90.0000000	90.0000000	724.1617651
7756	1.0980000	0.9000000	1.4000000	90.0000000	90.0000000	90.0000000	492.0248636
7757	1.0980000	1.0000000	1.4000000	90.0000000	90.0000000	90.0000000	386.8071498
7758	1.0980000	1.1000000	1.4000000	90.0000000	90.0000000	90.0000000	333.0306516
7759	1.0980000	1.2000000	1.4000000	90.0000000	90.0000000	90.0000000	295.1558771
7760	1.0980000	1.3000000	1.4000000	90.0000000	90.0000000	90.0000000	279.0098073
7761	1.0980000	1.4000000	1.4000000	90.0000000	90.0000000	90.0000000	275.0421276

7762	1.0980000	1.5000000	1.4000000	90.0000000	90.0000000	90.0000000	277.8297130
7763	1.0980000	1.6000000	1.4000000	90.0000000	90.0000000	90.0000000	284.3218632
7764	1.0980000	1.7000000	1.4000000	90.0000000	90.0000000	90.0000000	292.7759846
7765	1.0980000	1.8000000	1.4000000	90.0000000	90.0000000	90.0000000	302.1347864
7766	1.0980000	2.0000000	1.4000000	90.0000000	90.0000000	90.0000000	321.0334265
7767	1.0980000	2.2000000	1.4000000	90.0000000	90.0000000	90.0000000	337.8563907
7768	1.0980000	2.4000000	1.4000000	90.0000000	90.0000000	90.0000000	337.0044839
7769	1.0980000	2.6000000	1.4000000	90.0000000	90.0000000	90.0000000	318.1141269
7770	1.0980000	2.8000000	1.4000000	90.0000000	90.0000000	90.0000000	301.1258767
7771	1.0980000	3.0000000	1.4000000	90.0000000	90.0000000	90.0000000	286.5108672
7772	1.0980000	3.2000000	1.4000000	90.0000000	90.0000000	90.0000000	274.2758758
7773	1.0980000	3.4000000	1.4000000	90.0000000	90.0000000	90.0000000	264.2328377
7774	1.0980000	3.6000000	1.4000000	90.0000000	90.0000000	90.0000000	256.1190147
7775	1.0980000	3.8000000	1.4000000	90.0000000	90.0000000	90.0000000	249.6518393
7776	1.0980000	4.0000000	1.4000000	90.0000000	90.0000000	90.0000000	244.5578428
7777	1.0980000	4.4000000	1.4000000	90.0000000	90.0000000	90.0000000	237.5269757
7778	1.0980000	4.8000000	1.4000000	90.0000000	90.0000000	90.0000000	233.4265150
7779	1.0980000	5.2000000	1.4000000	90.0000000	90.0000000	90.0000000	231.1366075
7780	1.0980000	5.6000000	1.4000000	90.0000000	90.0000000	90.0000000	229.9125875
7781	1.0980000	6.0000000	1.4000000	90.0000000	90.0000000	90.0000000	229.2853290
7782	1.0980000	7.0000000	1.4000000	90.0000000	90.0000000	90.0000000	228.7968756
7783	1.0980000	8.0000000	1.4000000	90.0000000	90.0000000	90.0000000	228.7544560
7784	1.0980000	9.0000000	1.4000000	90.0000000	90.0000000	90.0000000	228.7771091
7785	1.0980000	10.0000000	1.4000000	90.0000000	90.0000000	90.0000000	228.7985071
7786	1.0980000	0.8000000	1.5000000	90.0000000	90.0000000	90.0000000	621.0576286
7787	1.0980000	0.9000000	1.5000000	90.0000000	90.0000000	90.0000000	394.3970651
7788	1.0980000	1.0000000	1.5000000	90.0000000	90.0000000	90.0000000	295.5995262
7789	1.0980000	1.1000000	1.5000000	90.0000000	90.0000000	90.0000000	263.0460290
7790	1.0980000	1.2000000	1.5000000	90.0000000	90.0000000	90.0000000	263.0384989
7791	1.0980000	1.3000000	1.5000000	90.0000000	90.0000000	90.0000000	276.9299271
7792	1.0980000	1.4000000	1.5000000	90.0000000	90.0000000	90.0000000	294.4771000
7793	1.0980000	1.5000000	1.5000000	90.0000000	90.0000000	90.0000000	310.6003912
7794	1.0980000	1.6000000	1.5000000	90.0000000	90.0000000	90.0000000	323.4958364
7795	1.0980000	1.7000000	1.5000000	90.0000000	90.0000000	90.0000000	332.1557181
7796	1.0980000	1.8000000	1.5000000	90.0000000	90.0000000	90.0000000	336.7253677
7797	1.0980000	2.0000000	1.5000000	90.0000000	90.0000000	90.0000000	336.5383070
7798	1.0980000	2.2000000	1.5000000	90.0000000	90.0000000	90.0000000	327.0922187
7799	1.0980000	2.4000000	1.5000000	90.0000000	90.0000000	90.0000000	313.4467115
7800	1.0980000	2.6000000	1.5000000	90.0000000	90.0000000	90.0000000	299.2804341
7801	1.0980000	2.8000000	1.5000000	90.0000000	90.0000000	90.0000000	286.2381516
7802	1.0980000	3.0000000	1.5000000	90.0000000	90.0000000	90.0000000	274.8766533
7803	1.0980000	3.2000000	1.5000000	90.0000000	90.0000000	90.0000000	265.2838533
7804	1.0980000	3.4000000	1.5000000	90.0000000	90.0000000	90.0000000	257.3531375
7805	1.0980000	3.6000000	1.5000000	90.0000000	90.0000000	90.0000000	250.9032186
7806	1.0980000	3.8000000	1.5000000	90.0000000	90.0000000	90.0000000	245.7302815
7807	1.0980000	4.0000000	1.5000000	90.0000000	90.0000000	90.0000000	241.6327074
7808	1.0980000	4.4000000	1.5000000	90.0000000	90.0000000	90.0000000	235.9388120
7809	1.0980000	4.8000000	1.5000000	90.0000000	90.0000000	90.0000000	232.5943120
7810	1.0980000	5.2000000	1.5000000	90.0000000	90.0000000	90.0000000	230.7164899
7811	1.0980000	5.6000000	1.5000000	90.0000000	90.0000000	90.0000000	229.7082076
7812	1.0980000	6.0000000	1.5000000	90.0000000	90.0000000	90.0000000	229.1895083
7813	1.0980000	7.0000000	1.5000000	90.0000000	90.0000000	90.0000000	228.7860197
7814	1.0980000	8.0000000	1.5000000	90.0000000	90.0000000	90.0000000	228.7556483
7815	1.0980000	9.0000000	1.5000000	90.0000000	90.0000000	90.0000000	228.7788034
7816	1.0980000	10.0000000	1.5000000	90.0000000	90.0000000	90.0000000	228.7996367
7817	1.0980000	0.8000000	1.6000000	90.0000000	90.0000000	90.0000000	543.4342675

7818	1.0980000	0.9000000	1.6000000	90.0000000	90.0000000	90.0000000	319.8619918
7819	1.0980000	1.0000000	1.6000000	90.0000000	90.0000000	90.0000000	225.0361486
7820	1.0980000	1.1000000	1.6000000	90.0000000	90.0000000	90.0000000	197.0149640
7821	1.0980000	1.2000000	1.6000000	90.0000000	90.0000000	90.0000000	201.8604040
7822	1.0980000	1.3000000	1.6000000	90.0000000	90.0000000	90.0000000	220.7741671
7823	1.0980000	1.4000000	1.6000000	90.0000000	90.0000000	90.0000000	243.4073043
7824	1.0980000	1.5000000	1.6000000	90.0000000	90.0000000	90.0000000	264.4126191
7825	1.0980000	1.6000000	1.6000000	90.0000000	90.0000000	90.0000000	281.5870514
7826	1.0980000	1.7000000	1.6000000	90.0000000	90.0000000	90.0000000	294.3130690
7827	1.0980000	1.8000000	1.6000000	90.0000000	90.0000000	90.0000000	302.5048287
7828	1.0980000	2.0000000	1.6000000	90.0000000	90.0000000	90.0000000	307.7941688
7829	1.0980000	2.2000000	1.6000000	90.0000000	90.0000000	90.0000000	303.2355636
7830	1.0980000	2.4000000	1.6000000	90.0000000	90.0000000	90.0000000	293.9952983
7831	1.0980000	2.6000000	1.6000000	90.0000000	90.0000000	90.0000000	283.6368111
7832	1.0980000	2.8000000	1.6000000	90.0000000	90.0000000	90.0000000	273.8132130
7833	1.0980000	3.0000000	1.6000000	90.0000000	90.0000000	90.0000000	265.1233991
7834	1.0980000	3.2000000	1.6000000	90.0000000	90.0000000	90.0000000	257.7103787
7835	1.0980000	3.4000000	1.6000000	90.0000000	90.0000000	90.0000000	251.5301634
7836	1.0980000	3.6000000	1.6000000	90.0000000	90.0000000	90.0000000	246.4662247
7837	1.0980000	3.8000000	1.6000000	90.0000000	90.0000000	90.0000000	242.3778750
7838	1.0980000	4.0000000	1.6000000	90.0000000	90.0000000	90.0000000	239.1207870
7839	1.0980000	4.4000000	1.6000000	90.0000000	90.0000000	90.0000000	234.5650055
7840	1.0980000	4.8000000	1.6000000	90.0000000	90.0000000	90.0000000	231.8703543
7841	1.0980000	5.2000000	1.6000000	90.0000000	90.0000000	90.0000000	230.3493341
7842	1.0980000	5.6000000	1.6000000	90.0000000	90.0000000	90.0000000	229.5287400
7843	1.0980000	6.0000000	1.6000000	90.0000000	90.0000000	90.0000000	229.1051083
7844	1.0980000	7.0000000	1.6000000	90.0000000	90.0000000	90.0000000	228.7767326
7845	1.0980000	8.0000000	1.6000000	90.0000000	90.0000000	90.0000000	228.7571543
7846	1.0980000	9.0000000	1.6000000	90.0000000	90.0000000	90.0000000	228.7805604
7847	1.0980000	10.0000000	1.6000000	90.0000000	90.0000000	90.0000000	228.8007662
7848	1.0980000	0.8000000	1.7000000	90.0000000	90.0000000	90.0000000	485.8178536
7849	1.0980000	0.9000000	1.7000000	90.0000000	90.0000000	90.0000000	263.8616030
7850	1.0980000	1.0000000	1.7000000	90.0000000	90.0000000	90.0000000	171.3903010
7851	1.0980000	1.1000000	1.7000000	90.0000000	90.0000000	90.0000000	146.2439256
7852	1.0980000	1.2000000	1.7000000	90.0000000	90.0000000	90.0000000	154.3148897
7853	1.0980000	1.3000000	1.7000000	90.0000000	90.0000000	90.0000000	176.6808334
7854	1.0980000	1.4000000	1.7000000	90.0000000	90.0000000	90.0000000	202.8992459
7855	1.0980000	1.5000000	1.7000000	90.0000000	90.0000000	90.0000000	227.4938522
7856	1.0980000	1.6000000	1.7000000	90.0000000	90.0000000	90.0000000	248.0451013
7857	1.0980000	1.7000000	1.7000000	90.0000000	90.0000000	90.0000000	263.8740905
7858	1.0980000	1.8000000	1.7000000	90.0000000	90.0000000	90.0000000	274.9168767
7859	1.0980000	2.0000000	1.7000000	90.0000000	90.0000000	90.0000000	284.8123246
7860	1.0980000	2.2000000	1.7000000	90.0000000	90.0000000	90.0000000	284.0765698
7861	1.0980000	2.4000000	1.7000000	90.0000000	90.0000000	90.0000000	278.2594942
7862	1.0980000	2.6000000	1.7000000	90.0000000	90.0000000	90.0000000	270.8994983
7863	1.0980000	2.8000000	1.7000000	90.0000000	90.0000000	90.0000000	263.6378331
7864	1.0980000	3.0000000	1.7000000	90.0000000	90.0000000	90.0000000	257.0910268
7865	1.0980000	3.2000000	1.7000000	90.0000000	90.0000000	90.0000000	251.4379195
7866	1.0980000	3.4000000	1.7000000	90.0000000	90.0000000	90.0000000	246.6801426
7867	1.0980000	3.6000000	1.7000000	90.0000000	90.0000000	90.0000000	242.7506156
7868	1.0980000	3.8000000	1.7000000	90.0000000	90.0000000	90.0000000	239.5565296
7869	1.0980000	4.0000000	1.7000000	90.0000000	90.0000000	90.0000000	236.9976087
7870	1.0980000	4.4000000	1.7000000	90.0000000	90.0000000	90.0000000	233.3956416
7871	1.0980000	4.8000000	1.7000000	90.0000000	90.0000000	90.0000000	231.2507515
7872	1.0980000	5.2000000	1.7000000	90.0000000	90.0000000	90.0000000	230.0334459
7873	1.0980000	5.6000000	1.7000000	90.0000000	90.0000000	90.0000000	229.3736824

7874	1.0980000	6.0000000	1.7000000	90.0000000	90.0000000	90.0000000	229.0319407
7875	1.0980000	7.0000000	1.7000000	90.0000000	90.0000000	90.0000000	228.7690770
7876	1.0980000	8.0000000	1.7000000	90.0000000	90.0000000	90.0000000	228.7588486
7877	1.0980000	9.0000000	1.7000000	90.0000000	90.0000000	90.0000000	228.7823802
7878	1.0980000	10.0000000	1.7000000	90.0000000	90.0000000	90.0000000	228.8019584
7879	1.0980000	0.8000000	1.8000000	90.0000000	90.0000000	90.0000000	443.4775304
7880	1.0980000	0.9000000	1.8000000	90.0000000	90.0000000	90.0000000	222.2618665
7881	1.0980000	1.0000000	1.8000000	90.0000000	90.0000000	90.0000000	131.1191274
7882	1.0980000	1.1000000	1.8000000	90.0000000	90.0000000	90.0000000	107.7397560
7883	1.0980000	1.2000000	1.8000000	90.0000000	90.0000000	90.0000000	117.9008914
7884	1.0980000	1.3000000	1.8000000	90.0000000	90.0000000	90.0000000	142.5929499
7885	1.0980000	1.4000000	1.8000000	90.0000000	90.0000000	90.0000000	171.3059637
7886	1.0980000	1.5000000	1.8000000	90.0000000	90.0000000	90.0000000	198.4842147
7887	1.0980000	1.6000000	1.8000000	90.0000000	90.0000000	90.0000000	221.5705393
7888	1.0980000	1.7000000	1.8000000	90.0000000	90.0000000	90.0000000	239.7777267
7889	1.0980000	1.8000000	1.8000000	90.0000000	90.0000000	90.0000000	253.0535681
7890	1.0980000	2.0000000	1.8000000	90.0000000	90.0000000	90.0000000	266.6735357
7891	1.0980000	2.2000000	1.8000000	90.0000000	90.0000000	90.0000000	268.9198941
7892	1.0980000	2.4000000	1.8000000	90.0000000	90.0000000	90.0000000	265.7342795
7893	1.0980000	2.6000000	1.8000000	90.0000000	90.0000000	90.0000000	260.6947510
7894	1.0980000	2.8000000	1.8000000	90.0000000	90.0000000	90.0000000	255.4338370
7895	1.0980000	3.0000000	1.8000000	90.0000000	90.0000000	90.0000000	250.5745920
7896	1.0980000	3.2000000	1.8000000	90.0000000	90.0000000	90.0000000	246.3181952
7897	1.0980000	3.4000000	1.8000000	90.0000000	90.0000000	90.0000000	242.6984695
7898	1.0980000	3.6000000	1.8000000	90.0000000	90.0000000	90.0000000	239.6838512
7899	1.0980000	3.8000000	1.8000000	90.0000000	90.0000000	90.0000000	237.2168605
7900	1.0980000	4.0000000	1.8000000	90.0000000	90.0000000	90.0000000	235.2296008
7901	1.0980000	4.4000000	1.8000000	90.0000000	90.0000000	90.0000000	232.4154091
7902	1.0980000	4.8000000	1.8000000	90.0000000	90.0000000	90.0000000	230.7285381
7903	1.0980000	5.2000000	1.8000000	90.0000000	90.0000000	90.0000000	229.7658758
7904	1.0980000	5.6000000	1.8000000	90.0000000	90.0000000	90.0000000	229.2418427
7905	1.0980000	6.0000000	1.8000000	90.0000000	90.0000000	90.0000000	228.9696291
7906	1.0980000	7.0000000	1.8000000	90.0000000	90.0000000	90.0000000	228.7629901
7907	1.0980000	8.0000000	1.8000000	90.0000000	90.0000000	90.0000000	228.7607939
7908	1.0980000	9.0000000	1.8000000	90.0000000	90.0000000	90.0000000	228.7841999
7909	1.0980000	10.0000000	1.8000000	90.0000000	90.0000000	90.0000000	228.8032135
7910	1.0980000	0.8000000	1.9000000	90.0000000	90.0000000	90.0000000	412.6017425
7911	1.0980000	0.9000000	1.9000000	90.0000000	90.0000000	90.0000000	191.6264147
7912	1.0980000	1.0000000	1.9000000	90.0000000	90.0000000	90.0000000	101.1811524
7913	1.0980000	1.1000000	1.9000000	90.0000000	90.0000000	90.0000000	78.8526711
7914	1.0980000	1.2000000	1.9000000	90.0000000	90.0000000	90.0000000	90.3391065
7915	1.0980000	1.3000000	1.9000000	90.0000000	90.0000000	90.0000000	116.5717008
7916	1.0980000	1.4000000	1.9000000	90.0000000	90.0000000	90.0000000	146.9942386
7917	1.0980000	1.5000000	1.9000000	90.0000000	90.0000000	90.0000000	176.0000482
7918	1.0980000	1.6000000	1.9000000	90.0000000	90.0000000	90.0000000	200.9446167
7919	1.0980000	1.7000000	1.9000000	90.0000000	90.0000000	90.0000000	220.9444731
7920	1.0980000	1.8000000	1.9000000	90.0000000	90.0000000	90.0000000	235.9356744
7921	1.0980000	2.0000000	1.9000000	90.0000000	90.0000000	90.0000000	252.5142864
7922	1.0980000	2.2000000	1.9000000	90.0000000	90.0000000	90.0000000	257.0773471
7923	1.0980000	2.4000000	1.9000000	90.0000000	90.0000000	90.0000000	255.8959978
7924	1.0980000	2.6000000	1.9000000	90.0000000	90.0000000	90.0000000	252.6276147
7925	1.0980000	2.8000000	1.9000000	90.0000000	90.0000000	90.0000000	248.9061070
7926	1.0980000	3.0000000	1.9000000	90.0000000	90.0000000	90.0000000	245.3565996
7927	1.0980000	3.2000000	1.9000000	90.0000000	90.0000000	90.0000000	242.1938264
7928	1.0980000	3.4000000	1.9000000	90.0000000	90.0000000	90.0000000	239.4728826
7929	1.0980000	3.6000000	1.9000000	90.0000000	90.0000000	90.0000000	237.1869911

7930	1.0980000	3.8000000	1.9000000	90.0000000	90.0000000	90.0000000	235.3036468
7931	1.0980000	4.0000000	1.9000000	90.0000000	90.0000000	90.0000000	233.7784224
7932	1.0980000	4.4000000	1.9000000	90.0000000	90.0000000	90.0000000	231.6057963
7933	1.0980000	4.8000000	1.9000000	90.0000000	90.0000000	90.0000000	230.2948663
7934	1.0980000	5.2000000	1.9000000	90.0000000	90.0000000	90.0000000	229.5426079
7935	1.0980000	5.6000000	1.9000000	90.0000000	90.0000000	90.0000000	229.1312755
7936	1.0980000	6.0000000	1.9000000	90.0000000	90.0000000	90.0000000	228.9173575
7937	1.0980000	7.0000000	1.9000000	90.0000000	90.0000000	90.0000000	228.7584721
7938	1.0980000	8.0000000	1.9000000	90.0000000	90.0000000	90.0000000	228.7629274
7939	1.0980000	9.0000000	1.9000000	90.0000000	90.0000000	90.0000000	228.7860825
7940	1.0980000	10.0000000	1.9000000	90.0000000	90.0000000	90.0000000	228.8044685
7941	1.0980000	0.8000000	2.0000000	90.0000000	90.0000000	90.0000000	390.2314690
7942	1.0980000	0.9000000	2.0000000	90.0000000	90.0000000	90.0000000	169.2261462
7943	1.0980000	1.0000000	2.0000000	90.0000000	90.0000000	90.0000000	79.1015414
7944	1.0980000	1.1000000	2.0000000	90.0000000	90.0000000	90.0000000	57.3710765
7945	1.0980000	1.2000000	2.0000000	90.0000000	90.0000000	90.0000000	69.6789845
7946	1.0980000	1.3000000	2.0000000	90.0000000	90.0000000	90.0000000	96.9161588
7947	1.0980000	1.4000000	2.0000000	90.0000000	90.0000000	90.0000000	128.4955104
7948	1.0980000	1.5000000	2.0000000	90.0000000	90.0000000	90.0000000	158.7775487
7949	1.0980000	1.6000000	2.0000000	90.0000000	90.0000000	90.0000000	185.0615361
7950	1.0980000	1.7000000	2.0000000	90.0000000	90.0000000	90.0000000	206.3903949
7951	1.0980000	1.8000000	2.0000000	90.0000000	90.0000000	90.0000000	222.6780308
7952	1.0980000	2.0000000	2.0000000	90.0000000	90.0000000	90.0000000	241.5678230
7953	1.0980000	2.2000000	2.0000000	90.0000000	90.0000000	90.0000000	247.9199759
7954	1.0980000	2.4000000	2.0000000	90.0000000	90.0000000	90.0000000	248.2532461
7955	1.0980000	2.6000000	2.0000000	90.0000000	90.0000000	90.0000000	246.3223368
7956	1.0980000	2.8000000	2.0000000	90.0000000	90.0000000	90.0000000	243.7717617
7957	1.0980000	3.0000000	2.0000000	90.0000000	90.0000000	90.0000000	241.2275246
7958	1.0980000	3.2000000	2.0000000	90.0000000	90.0000000	90.0000000	238.9117009
7959	1.0980000	3.4000000	2.0000000	90.0000000	90.0000000	90.0000000	236.8929401
7960	1.0980000	3.6000000	2.0000000	90.0000000	90.0000000	90.0000000	235.1808432
7961	1.0980000	3.8000000	2.0000000	90.0000000	90.0000000	90.0000000	233.7604129
7962	1.0980000	4.0000000	2.0000000	90.0000000	90.0000000	90.0000000	232.6038501
7963	1.0980000	4.4000000	2.0000000	90.0000000	90.0000000	90.0000000	230.9465976
7964	1.0980000	4.8000000	2.0000000	90.0000000	90.0000000	90.0000000	229.9398214
7965	1.0980000	5.2000000	2.0000000	90.0000000	90.0000000	90.0000000	229.3588732
7966	1.0980000	5.6000000	2.0000000	90.0000000	90.0000000	90.0000000	229.0400356
7967	1.0980000	6.0000000	2.0000000	90.0000000	90.0000000	90.0000000	228.8743731
7968	1.0980000	7.0000000	2.0000000	90.0000000	90.0000000	90.0000000	228.7553973
7969	1.0980000	8.0000000	2.0000000	90.0000000	90.0000000	90.0000000	228.7651864
7970	1.0980000	9.0000000	2.0000000	90.0000000	90.0000000	90.0000000	228.7879650
7971	1.0980000	10.0000000	2.0000000	90.0000000	90.0000000	90.0000000	228.8057235
7972	1.0980000	0.8000000	2.2000000	90.0000000	90.0000000	90.0000000	362.5663333
7973	1.0980000	0.9000000	2.2000000	90.0000000	90.0000000	90.0000000	141.1809281
7974	1.0980000	1.0000000	2.2000000	90.0000000	90.0000000	90.0000000	51.1426684
7975	1.0980000	1.1000000	2.2000000	90.0000000	90.0000000	90.0000000	29.8760587
7976	1.0980000	1.2000000	2.2000000	90.0000000	90.0000000	90.0000000	42.9628315
7977	1.0980000	1.3000000	2.2000000	90.0000000	90.0000000	90.0000000	71.2486995
7978	1.0980000	1.4000000	2.2000000	90.0000000	90.0000000	90.0000000	104.1124374
7979	1.0980000	1.5000000	2.2000000	90.0000000	90.0000000	90.0000000	135.8799163
7980	1.0980000	1.6000000	2.2000000	90.0000000	90.0000000	90.0000000	163.7899062
7981	1.0980000	1.7000000	2.2000000	90.0000000	90.0000000	90.0000000	186.7942153
7982	1.0980000	1.8000000	2.2000000	90.0000000	90.0000000	90.0000000	204.7615058
7983	1.0980000	2.0000000	2.2000000	90.0000000	90.0000000	90.0000000	226.7883433
7984	1.0980000	2.2000000	2.2000000	90.0000000	90.0000000	90.0000000	235.5634985
7985	1.0980000	2.4000000	2.2000000	90.0000000	90.0000000	90.0000000	237.8864131

7986	1.0980000	2.6000000	2.2000000	90.0000000	90.0000000	90.0000000	237.7047492
7987	1.0980000	2.8000000	2.2000000	90.0000000	90.0000000	90.0000000	236.6986632
7988	1.0980000	3.0000000	2.2000000	90.0000000	90.0000000	90.0000000	235.4962923
7989	1.0980000	3.2000000	2.2000000	90.0000000	90.0000000	90.0000000	234.3246066
7990	1.0980000	3.4000000	2.2000000	90.0000000	90.0000000	90.0000000	233.2646804
7991	1.0980000	3.6000000	2.2000000	90.0000000	90.0000000	90.0000000	232.3439357
7992	1.0980000	3.8000000	2.2000000	90.0000000	90.0000000	90.0000000	231.5670790
7993	1.0980000	4.0000000	2.2000000	90.0000000	90.0000000	90.0000000	230.9268310
7994	1.0980000	4.4000000	2.2000000	90.0000000	90.0000000	90.0000000	229.9974267
7995	1.0980000	4.8000000	2.2000000	90.0000000	90.0000000	90.0000000	229.4246361
7996	1.0980000	5.2000000	2.2000000	90.0000000	90.0000000	90.0000000	229.0905500
7997	1.0980000	5.6000000	2.2000000	90.0000000	90.0000000	90.0000000	228.9066270
7998	1.0980000	6.0000000	2.2000000	90.0000000	90.0000000	90.0000000	228.8122496
7999	1.0980000	7.0000000	2.2000000	90.0000000	90.0000000	90.0000000	228.7530755
8000	1.0980000	8.0000000	2.2000000	90.0000000	90.0000000	90.0000000	228.7702065
8001	1.0980000	9.0000000	2.2000000	90.0000000	90.0000000	90.0000000	228.7917928
8002	1.0980000	10.0000000	2.2000000	90.0000000	90.0000000	90.0000000	228.8082963
8003	1.0980000	0.8000000	2.4000000	90.0000000	90.0000000	90.0000000	348.4533314
8004	1.0980000	0.9000000	2.4000000	90.0000000	90.0000000	90.0000000	126.6323092
8005	1.0980000	1.0000000	2.4000000	90.0000000	90.0000000	90.0000000	36.4197274
8006	1.0980000	1.1000000	2.4000000	90.0000000	90.0000000	90.0000000	15.1950980
8007	1.0980000	1.2000000	2.4000000	90.0000000	90.0000000	90.0000000	28.5110372
8008	1.0980000	1.3000000	2.4000000	90.0000000	90.0000000	90.0000000	57.1933658
8009	1.0980000	1.4000000	2.4000000	90.0000000	90.0000000	90.0000000	90.6065510
8010	1.0980000	1.5000000	2.4000000	90.0000000	90.0000000	90.0000000	123.0624078
8011	1.0980000	1.6000000	2.4000000	90.0000000	90.0000000	90.0000000	151.7736017
8012	1.0980000	1.7000000	2.4000000	90.0000000	90.0000000	90.0000000	175.6455682
8013	1.0980000	1.8000000	2.4000000	90.0000000	90.0000000	90.0000000	194.5164723
8014	1.0980000	2.0000000	2.4000000	90.0000000	90.0000000	90.0000000	218.3398695
8015	1.0980000	2.2000000	2.4000000	90.0000000	90.0000000	90.0000000	228.5205832
8016	1.0980000	2.4000000	2.4000000	90.0000000	90.0000000	90.0000000	231.9526208
8017	1.0980000	2.6000000	2.4000000	90.0000000	90.0000000	90.0000000	232.7341211
8018	1.0980000	2.8000000	2.4000000	90.0000000	90.0000000	90.0000000	232.5842718
8019	1.0980000	3.0000000	2.4000000	90.0000000	90.0000000	90.0000000	232.1352260
8020	1.0980000	3.2000000	2.4000000	90.0000000	90.0000000	90.0000000	231.6140795
8021	1.0980000	3.4000000	2.4000000	90.0000000	90.0000000	90.0000000	231.1056713
8022	1.0980000	3.6000000	2.4000000	90.0000000	90.0000000	90.0000000	230.6446400
8023	1.0980000	3.8000000	2.4000000	90.0000000	90.0000000	90.0000000	230.2451047
8024	1.0980000	4.0000000	2.4000000	90.0000000	90.0000000	90.0000000	229.9099520
8025	1.0980000	4.4000000	2.4000000	90.0000000	90.0000000	90.0000000	229.4153490
8026	1.0980000	4.8000000	2.4000000	90.0000000	90.0000000	90.0000000	229.1056104
8027	1.0980000	5.2000000	2.4000000	90.0000000	90.0000000	90.0000000	228.9236325
8028	1.0980000	5.6000000	2.4000000	90.0000000	90.0000000	90.0000000	228.8242978
8029	1.0980000	6.0000000	2.4000000	90.0000000	90.0000000	90.0000000	228.7754776
8030	1.0980000	7.0000000	2.4000000	90.0000000	90.0000000	90.0000000	228.7547070
8031	1.0980000	8.0000000	2.4000000	90.0000000	90.0000000	90.0000000	228.7755403
8032	1.0980000	9.0000000	2.4000000	90.0000000	90.0000000	90.0000000	228.7956206
8033	1.0980000	10.0000000	2.4000000	90.0000000	90.0000000	90.0000000	228.8108063
8034	1.0980000	0.8000000	2.6000000	90.0000000	90.0000000	90.0000000	341.3460336
8035	1.0980000	0.9000000	2.6000000	90.0000000	90.0000000	90.0000000	119.1916156
8036	1.0980000	1.0000000	2.6000000	90.0000000	90.0000000	90.0000000	28.7884592
8037	1.0980000	1.1000000	2.6000000	90.0000000	90.0000000	90.0000000	7.4929840
8038	1.0980000	1.2000000	2.6000000	90.0000000	90.0000000	90.0000000	20.8443775
8039	1.0980000	1.3000000	2.6000000	90.0000000	90.0000000	90.0000000	49.6602401
8040	1.0980000	1.4000000	2.6000000	90.0000000	90.0000000	90.0000000	83.2993914
8041	1.0980000	1.5000000	2.6000000	90.0000000	90.0000000	90.0000000	116.0685010

8042	1.0980000	1.6000000	2.6000000	90.0000000	90.0000000	90.0000000	145.1686253
8043	1.0980000	1.7000000	2.6000000	90.0000000	90.0000000	90.0000000	169.4817309
8044	1.0980000	1.8000000	2.6000000	90.0000000	90.0000000	90.0000000	188.8285382
8045	1.0980000	2.0000000	2.6000000	90.0000000	90.0000000	90.0000000	213.6553231
8046	1.0980000	2.2000000	2.6000000	90.0000000	90.0000000	90.0000000	224.6383076
8047	1.0980000	2.4000000	2.6000000	90.0000000	90.0000000	90.0000000	228.6801589
8048	1.0980000	2.6000000	2.6000000	90.0000000	90.0000000	90.0000000	229.9806723
8049	1.0980000	2.8000000	2.6000000	90.0000000	90.0000000	90.0000000	230.2918543
8050	1.0980000	3.0000000	2.6000000	90.0000000	90.0000000	90.0000000	230.2510661
8051	1.0980000	3.2000000	2.6000000	90.0000000	90.0000000	90.0000000	230.0853409
8052	1.0980000	3.4000000	2.6000000	90.0000000	90.0000000	90.0000000	229.8807100
8053	1.0980000	3.6000000	2.6000000	90.0000000	90.0000000	90.0000000	229.6748242
8054	1.0980000	3.8000000	2.6000000	90.0000000	90.0000000	90.0000000	229.4861948
8055	1.0980000	4.0000000	2.6000000	90.0000000	90.0000000	90.0000000	229.3229168
8056	1.0980000	4.4000000	2.6000000	90.0000000	90.0000000	90.0000000	229.0759918
8057	1.0980000	4.8000000	2.6000000	90.0000000	90.0000000	90.0000000	228.9186125
8058	1.0980000	5.2000000	2.6000000	90.0000000	90.0000000	90.0000000	228.8264313
8059	1.0980000	5.6000000	2.6000000	90.0000000	90.0000000	90.0000000	228.7780504
8060	1.0980000	6.0000000	2.6000000	90.0000000	90.0000000	90.0000000	228.7570288
8061	1.0980000	7.0000000	2.6000000	90.0000000	90.0000000	90.0000000	228.7590996
8062	1.0980000	8.0000000	2.6000000	90.0000000	90.0000000	90.0000000	228.7809369
8063	1.0980000	9.0000000	2.6000000	90.0000000	90.0000000	90.0000000	228.7993857
8064	1.0980000	10.0000000	2.6000000	90.0000000	90.0000000	90.0000000	228.8133791
8065	1.0980000	0.8000000	2.8000000	90.0000000	90.0000000	90.0000000	337.8233837
8066	1.0980000	0.9000000	2.8000000	90.0000000	90.0000000	90.0000000	115.4561144
8067	1.0980000	1.0000000	2.8000000	90.0000000	90.0000000	90.0000000	24.9150942
8068	1.0980000	1.1000000	2.8000000	90.0000000	90.0000000	90.0000000	3.5447571
8069	1.0980000	1.2000000	2.8000000	90.0000000	90.0000000	90.0000000	16.8783921
8070	1.0980000	1.3000000	2.8000000	90.0000000	90.0000000	90.0000000	45.7304620
8071	1.0980000	1.4000000	2.8000000	90.0000000	90.0000000	90.0000000	79.4580922
8072	1.0980000	1.5000000	2.8000000	90.0000000	90.0000000	90.0000000	112.3663833
8073	1.0980000	1.6000000	2.8000000	90.0000000	90.0000000	90.0000000	141.6516230
8074	1.0980000	1.7000000	2.8000000	90.0000000	90.0000000	90.0000000	166.1839176
8075	1.0980000	1.8000000	2.8000000	90.0000000	90.0000000	90.0000000	185.7750143
8076	1.0980000	2.0000000	2.8000000	90.0000000	90.0000000	90.0000000	211.1472932
8077	1.0980000	2.2000000	2.8000000	90.0000000	90.0000000	90.0000000	222.5771900
8078	1.0980000	2.4000000	2.8000000	90.0000000	90.0000000	90.0000000	226.9465384
8079	1.0980000	2.6000000	2.8000000	90.0000000	90.0000000	90.0000000	228.5182614
8080	1.0980000	2.8000000	2.8000000	90.0000000	90.0000000	90.0000000	229.0687755
8081	1.0980000	3.0000000	2.8000000	90.0000000	90.0000000	90.0000000	229.2405249
8082	1.0980000	3.2000000	2.8000000	90.0000000	90.0000000	90.0000000	229.2610444
8083	1.0980000	3.4000000	2.8000000	90.0000000	90.0000000	90.0000000	229.2165539
8084	1.0980000	3.6000000	2.8000000	90.0000000	90.0000000	90.0000000	229.1462102
8085	1.0980000	3.8000000	2.8000000	90.0000000	90.0000000	90.0000000	229.0705325
8086	1.0980000	4.0000000	2.8000000	90.0000000	90.0000000	90.0000000	229.0000005
8087	1.0980000	4.4000000	2.8000000	90.0000000	90.0000000	90.0000000	228.8884920
8088	1.0980000	4.8000000	2.8000000	90.0000000	90.0000000	90.0000000	228.8161402
8089	1.0980000	5.2000000	2.8000000	90.0000000	90.0000000	90.0000000	228.7749756
8090	1.0980000	5.6000000	2.8000000	90.0000000	90.0000000	90.0000000	228.7560248
8091	1.0980000	6.0000000	2.8000000	90.0000000	90.0000000	90.0000000	228.7510047
8092	1.0980000	7.0000000	2.8000000	90.0000000	90.0000000	90.0000000	228.7651864
8093	1.0980000	8.0000000	2.8000000	90.0000000	90.0000000	90.0000000	228.7862707
8094	1.0980000	9.0000000	2.8000000	90.0000000	90.0000000	90.0000000	228.8030880
8095	1.0980000	10.0000000	2.8000000	90.0000000	90.0000000	90.0000000	228.8158264
8096	1.0980000	0.8000000	3.0000000	90.0000000	90.0000000	90.0000000	336.1199465
8097	1.0980000	0.9000000	3.0000000	90.0000000	90.0000000	90.0000000	113.6315679

8098	1.0980000	1.0000000	3.0000000	90.0000000	90.0000000	90.0000000	23.0063359
8099	1.0980000	1.1000000	3.0000000	90.0000000	90.0000000	90.0000000	1.5830997
8100	1.0980000	1.2000000	3.0000000	90.0000000	90.0000000	90.0000000	14.8925756
8101	1.0980000	1.3000000	3.0000000	90.0000000	90.0000000	90.0000000	43.7482850
8102	1.0980000	1.4000000	3.0000000	90.0000000	90.0000000	90.0000000	77.5072907
8103	1.0980000	1.5000000	3.0000000	90.0000000	90.0000000	90.0000000	110.4746304
8104	1.0980000	1.6000000	3.0000000	90.0000000	90.0000000	90.0000000	139.8448349
8105	1.0980000	1.7000000	3.0000000	90.0000000	90.0000000	90.0000000	164.4819863
8106	1.0980000	1.8000000	3.0000000	90.0000000	90.0000000	90.0000000	184.1936277
8107	1.0980000	2.0000000	3.0000000	90.0000000	90.0000000	90.0000000	209.8532431
8108	1.0980000	2.2000000	3.0000000	90.0000000	90.0000000	90.0000000	221.5247311
8109	1.0980000	2.4000000	3.0000000	90.0000000	90.0000000	90.0000000	226.0645739
8110	1.0980000	2.6000000	3.0000000	90.0000000	90.0000000	90.0000000	227.7731567
8111	1.0980000	2.8000000	3.0000000	90.0000000	90.0000000	90.0000000	228.4432114
8112	1.0980000	3.0000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7213235
8113	1.0980000	3.2000000	3.0000000	90.0000000	90.0000000	90.0000000	228.8355303
8114	1.0980000	3.4000000	3.0000000	90.0000000	90.0000000	90.0000000	228.8723651
8115	1.0980000	3.6000000	3.0000000	90.0000000	90.0000000	90.0000000	228.8714238
8116	1.0980000	3.8000000	3.0000000	90.0000000	90.0000000	90.0000000	228.8540418
8117	1.0980000	4.0000000	3.0000000	90.0000000	90.0000000	90.0000000	228.8318907
8118	1.0980000	4.4000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7920438
8119	1.0980000	4.8000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7655002
8120	1.0980000	5.2000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7522597
8121	1.0980000	5.6000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7493104
8122	1.0980000	6.0000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7527617
8123	1.0980000	7.0000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7719635
8124	1.0980000	8.0000000	3.0000000	90.0000000	90.0000000	90.0000000	228.7914163
8125	1.0980000	9.0000000	3.0000000	90.0000000	90.0000000	90.0000000	228.8067275
8126	1.0980000	10.0000000	3.0000000	90.0000000	90.0000000	90.0000000	228.8181482
8127	1.0980000	0.8000000	3.5000000	90.0000000	90.0000000	90.0000000	334.8661825
8128	1.0980000	0.9000000	3.5000000	90.0000000	90.0000000	90.0000000	112.2736374
8129	1.0980000	1.0000000	3.5000000	90.0000000	90.0000000	90.0000000	21.5715983
8130	1.0980000	1.1000000	3.5000000	90.0000000	90.0000000	90.0000000	0.0942080
8131	1.0980000	1.2000000	3.5000000	90.0000000	90.0000000	90.0000000	13.3709907
8132	1.0980000	1.3000000	3.5000000	90.0000000	90.0000000	90.0000000	42.2154677
8133	1.0980000	1.4000000	3.5000000	90.0000000	90.0000000	90.0000000	75.9852665
8134	1.0980000	1.5000000	3.5000000	90.0000000	90.0000000	90.0000000	108.9864290
8135	1.0980000	1.6000000	3.5000000	90.0000000	90.0000000	90.0000000	138.4126073
8136	1.0980000	1.7000000	3.5000000	90.0000000	90.0000000	90.0000000	163.1231146
8137	1.0980000	1.8000000	3.5000000	90.0000000	90.0000000	90.0000000	182.9236113
8138	1.0980000	2.0000000	3.5000000	90.0000000	90.0000000	90.0000000	208.8208018
8139	1.0980000	2.2000000	3.5000000	90.0000000	90.0000000	90.0000000	220.7020034
8140	1.0980000	2.4000000	3.5000000	90.0000000	90.0000000	90.0000000	225.3822828
8141	1.0980000	2.6000000	3.5000000	90.0000000	90.0000000	90.0000000	227.1979815
8142	1.0980000	2.8000000	3.5000000	90.0000000	90.0000000	90.0000000	227.9600918
8143	1.0980000	3.0000000	3.5000000	90.0000000	90.0000000	90.0000000	228.3204705
8144	1.0980000	3.2000000	3.5000000	90.0000000	90.0000000	90.0000000	228.5081585
8145	1.0980000	3.4000000	3.5000000	90.0000000	90.0000000	90.0000000	228.6096896
8146	1.0980000	3.6000000	3.5000000	90.0000000	90.0000000	90.0000000	228.6646594
8147	1.0980000	3.8000000	3.5000000	90.0000000	90.0000000	90.0000000	228.6949053
8148	1.0980000	4.0000000	3.5000000	90.0000000	90.0000000	90.0000000	228.7127267
8149	1.0980000	4.4000000	3.5000000	90.0000000	90.0000000	90.0000000	228.7326187
8150	1.0980000	4.8000000	3.5000000	90.0000000	90.0000000	90.0000000	228.7442904
8151	1.0980000	5.2000000	3.5000000	90.0000000	90.0000000	90.0000000	228.7535775
8152	1.0980000	5.6000000	3.5000000	90.0000000	90.0000000	90.0000000	228.7623626
8153	1.0980000	6.0000000	3.5000000	90.0000000	90.0000000	90.0000000	228.7707712

8154	1.0980000	7.0000000	3.5000000	90.0000000	90.0000000	90.0000000	228.7887808
8155	1.0980000	8.0000000	3.5000000	90.0000000	90.0000000	90.0000000	228.8034645
8156	1.0980000	9.0000000	3.5000000	90.0000000	90.0000000	90.0000000	228.8150734
8157	1.0980000	10.0000000	3.5000000	90.0000000	90.0000000	90.0000000	228.8234193
8158	1.0980000	0.6000000	4.0000000	90.0000000	90.0000000	90.0000000	1720.9843000
8159	1.0980000	0.7000000	4.0000000	90.0000000	90.0000000	90.0000000	794.2723000
8160	1.0980000	0.8000000	4.0000000	90.0000000	90.0000000	90.0000000	334.7278794
8161	1.0980000	0.9000000	4.0000000	90.0000000	90.0000000	90.0000000	112.1187681
8162	1.0980000	1.0000000	4.0000000	90.0000000	90.0000000	90.0000000	21.4055593
8163	1.0980000	1.1000000	4.0000000	90.0000000	90.0000000	90.0000000	-0.0790474
8164	1.0980000	1.2000000	4.0000000	90.0000000	90.0000000	90.0000000	13.1936566
8165	1.0980000	1.3000000	4.0000000	90.0000000	90.0000000	90.0000000	42.0368785
8166	1.0980000	1.4000000	4.0000000	90.0000000	90.0000000	90.0000000	75.8079951
8167	1.0980000	1.5000000	4.0000000	90.0000000	90.0000000	90.0000000	108.8129227
8168	1.0980000	1.6000000	4.0000000	90.0000000	90.0000000	90.0000000	138.2449367
8169	1.0980000	1.7000000	4.0000000	90.0000000	90.0000000	90.0000000	162.9624094
8170	1.0980000	1.8000000	4.0000000	90.0000000	90.0000000	90.0000000	182.7713148
8171	1.0980000	2.0000000	4.0000000	90.0000000	90.0000000	90.0000000	208.7018260
8172	1.0980000	2.2000000	4.0000000	90.0000000	90.0000000	90.0000000	220.6171641
8173	1.0980000	2.4000000	4.0000000	90.0000000	90.0000000	90.0000000	225.3187161
8174	1.0980000	2.6000000	4.0000000	90.0000000	90.0000000	90.0000000	227.1491613
8175	1.0980000	2.8000000	4.0000000	90.0000000	90.0000000	90.0000000	227.9235080
8176	1.0980000	3.0000000	4.0000000	90.0000000	90.0000000	90.0000000	228.2949308
8177	1.0980000	3.2000000	4.0000000	90.0000000	90.0000000	90.0000000	228.4925963
8178	1.0980000	3.4000000	4.0000000	90.0000000	90.0000000	90.0000000	228.6030380
8179	1.0980000	3.6000000	4.0000000	90.0000000	90.0000000	90.0000000	228.6656006
8180	1.0980000	3.8000000	4.0000000	90.0000000	90.0000000	90.0000000	228.7020590
8181	1.0980000	4.0000000	4.0000000	90.0000000	90.0000000	90.0000000	228.7247748
8182	1.0980000	4.4000000	4.0000000	90.0000000	90.0000000	90.0000000	228.7511930
8183	1.0980000	4.8000000	4.0000000	90.0000000	90.0000000	90.0000000	228.7658139
8184	1.0980000	5.2000000	4.0000000	90.0000000	90.0000000	90.0000000	228.7756031
8185	1.0980000	5.6000000	4.0000000	90.0000000	90.0000000	90.0000000	228.7833842
8186	1.0980000	6.0000000	4.0000000	90.0000000	90.0000000	90.0000000	228.7899730
8187	1.0980000	7.0000000	4.0000000	90.0000000	90.0000000	90.0000000	228.8030880
8188	1.0980000	8.0000000	4.0000000	90.0000000	90.0000000	90.0000000	228.8137556
8189	1.0980000	9.0000000	4.0000000	90.0000000	90.0000000	90.0000000	228.8219132
8190	1.0980000	10.0000000	4.0000000	90.0000000	90.0000000	90.0000000	228.8274981
8191	1.0980000	0.8000000	10.0000000	90.0000000	90.0000000	90.0000000	334.8031179
8192	1.0980000	0.9000000	10.0000000	90.0000000	90.0000000	90.0000000	112.1855978
8193	1.0980000	1.0000000	10.0000000	90.0000000	90.0000000	90.0000000	21.4732048
8194	1.0980000	1.1000000	10.0000000	90.0000000	90.0000000	90.0000000	-0.0053150
8195	1.0980000	1.2000000	10.0000000	90.0000000	90.0000000	90.0000000	13.2765505
8196	1.0980000	1.3000000	10.0000000	90.0000000	90.0000000	90.0000000	42.1299381
8197	1.0980000	1.4000000	10.0000000	90.0000000	90.0000000	90.0000000	75.9102791
8198	1.0980000	1.5000000	10.0000000	90.0000000	90.0000000	90.0000000	108.9218583
8199	1.0980000	1.6000000	10.0000000	90.0000000	90.0000000	90.0000000	138.3564452
8200	1.0980000	1.7000000	10.0000000	90.0000000	90.0000000	90.0000000	163.0715334
8201	1.0980000	1.8000000	10.0000000	90.0000000	90.0000000	90.0000000	182.8742263
8202	1.0980000	2.0000000	10.0000000	90.0000000	90.0000000	90.0000000	208.7950111
8203	1.0980000	2.2000000	10.0000000	90.0000000	90.0000000	90.0000000	220.7065842
8204	1.0980000	2.4000000	10.0000000	90.0000000	90.0000000	90.0000000	225.4053125
8205	1.0980000	2.6000000	10.0000000	90.0000000	90.0000000	90.0000000	227.2328710
8206	1.0980000	2.8000000	10.0000000	90.0000000	90.0000000	90.0000000	228.0046449
8207	1.0980000	3.0000000	10.0000000	90.0000000	90.0000000	90.0000000	228.3739343
8208	1.0980000	3.2000000	10.0000000	90.0000000	90.0000000	90.0000000	228.5699055
8209	1.0980000	3.4000000	10.0000000	90.0000000	90.0000000	90.0000000	228.6786528

8210	1.0980000	3.6000000	10.0000000	90.0000000	90.0000000	90.0000000	228.7393958
8211	1.0980000	3.8000000	10.0000000	90.0000000	90.0000000	90.0000000	228.7737833
8212	1.0980000	4.0000000	10.0000000	90.0000000	90.0000000	90.0000000	228.7940518
8213	1.0980000	4.4000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8151361
8214	1.0980000	4.8000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8244233
8215	1.0980000	5.2000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8290041
8216	1.0980000	5.6000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8318280
8217	1.0980000	6.0000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8335850
8218	1.0980000	7.0000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8352165
8219	1.0980000	8.0000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8356558
8220	1.0980000	9.0000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8358440
8221	1.0980000	10.0000000	10.0000000	90.0000000	90.0000000	90.0000000	228.8359068
8222	0.8980000	0.8000000	1.0000000	90.0000000	90.0000000	90.0000000	1319.7038357
8223	0.8980000	0.9000000	1.0000000	90.0000000	90.0000000	90.0000000	991.3899376
8224	0.8980000	1.0000000	1.0000000	90.0000000	90.0000000	90.0000000	800.6995976
8225	0.8980000	1.1000000	1.0000000	90.0000000	90.0000000	90.0000000	688.5763303
8226	0.8980000	1.2000000	1.0000000	90.0000000	90.0000000	90.0000000	622.2841587
8227	0.8980000	1.3000000	1.0000000	90.0000000	90.0000000	90.0000000	583.1229240
8228	0.8980000	1.4000000	1.0000000	90.0000000	90.0000000	90.0000000	560.1511198
8229	0.8980000	1.5000000	1.0000000	90.0000000	90.0000000	90.0000000	546.9224671
8230	0.8980000	1.6000000	1.0000000	90.0000000	90.0000000	90.0000000	539.6427925
8231	0.8980000	1.7000000	1.0000000	90.0000000	90.0000000	90.0000000	536.0441511
8232	0.8980000	1.8000000	1.0000000	90.0000000	90.0000000	90.0000000	534.7024104
8233	0.8980000	2.0000000	1.0000000	90.0000000	90.0000000	90.0000000	535.2275731
8234	0.8980000	2.2000000	1.0000000	90.0000000	90.0000000	90.0000000	536.4077302
8235	0.8980000	2.4000000	1.0000000	90.0000000	90.0000000	90.0000000	536.0156622
8236	0.8980000	2.6000000	1.0000000	90.0000000	90.0000000	90.0000000	541.7104362
8237	0.8980000	2.8000000	1.0000000	90.0000000	90.0000000	90.0000000	512.1612661
8238	0.8980000	3.0000000	1.0000000	90.0000000	90.0000000	90.0000000	474.6586643
8239	0.8980000	3.2000000	1.0000000	90.0000000	90.0000000	90.0000000	444.1618294
8240	0.8980000	3.4000000	1.0000000	90.0000000	90.0000000	90.0000000	419.8927751
8241	0.8980000	3.6000000	1.0000000	90.0000000	90.0000000	90.0000000	400.9078524
8242	0.8980000	3.8000000	1.0000000	90.0000000	90.0000000	90.0000000	386.2704409
8243	0.8980000	4.0000000	1.0000000	90.0000000	90.0000000	90.0000000	375.1226724
8244	0.8980000	4.4000000	1.0000000	90.0000000	90.0000000	90.0000000	360.4386369
8245	0.8980000	4.8000000	1.0000000	90.0000000	90.0000000	90.0000000	352.3502908
8246	0.8980000	5.2000000	1.0000000	90.0000000	90.0000000	90.0000000	348.0295743
8247	0.8980000	5.6000000	1.0000000	90.0000000	90.0000000	90.0000000	345.7997821
8248	0.8980000	6.0000000	1.0000000	90.0000000	90.0000000	90.0000000	344.6913494
8249	0.8980000	7.0000000	1.0000000	90.0000000	90.0000000	90.0000000	343.8552557
8250	0.8980000	8.0000000	1.0000000	90.0000000	90.0000000	90.0000000	343.7687222
8251	0.8980000	9.0000000	1.0000000	90.0000000	90.0000000	90.0000000	343.7881750
8252	0.8980000	10.0000000	1.0000000	90.0000000	90.0000000	90.0000000	343.8121459
8253	0.8980000	0.8000000	1.1000000	90.0000000	90.0000000	90.0000000	1220.7907723
8254	0.8980000	0.9000000	1.1000000	90.0000000	90.0000000	90.0000000	907.4115369
8255	0.8980000	1.0000000	1.1000000	90.0000000	90.0000000	90.0000000	729.5146719
8256	0.8980000	1.1000000	1.1000000	90.0000000	90.0000000	90.0000000	628.3149640
8257	0.8980000	1.2000000	1.1000000	90.0000000	90.0000000	90.0000000	571.3749426
8258	0.8980000	1.3000000	1.1000000	90.0000000	90.0000000	90.0000000	540.2142027
8259	0.8980000	1.4000000	1.1000000	90.0000000	90.0000000	90.0000000	524.0423422
8260	0.8980000	1.5000000	1.1000000	90.0000000	90.0000000	90.0000000	516.5324971
8261	0.8980000	1.6000000	1.1000000	90.0000000	90.0000000	90.0000000	514.0034457
8262	0.8980000	1.7000000	1.1000000	90.0000000	90.0000000	90.0000000	514.2990026
8263	0.8980000	1.8000000	1.1000000	90.0000000	90.0000000	90.0000000	516.1064808
8264	0.8980000	2.0000000	1.1000000	90.0000000	90.0000000	90.0000000	521.1512178
8265	0.8980000	2.2000000	1.1000000	90.0000000	90.0000000	90.0000000	525.2312844

8266	0.8980000	2.4000000	1.1000000	90.0000000	90.0000000	90.0000000	536.2064251
8267	0.8980000	2.6000000	1.1000000	90.0000000	90.0000000	90.0000000	522.5168667
8268	0.8980000	2.8000000	1.1000000	90.0000000	90.0000000	90.0000000	484.7207160
8269	0.8980000	3.0000000	1.1000000	90.0000000	90.0000000	90.0000000	453.4426318
8270	0.8980000	3.2000000	1.1000000	90.0000000	90.0000000	90.0000000	428.0940101
8271	0.8980000	3.4000000	1.1000000	90.0000000	90.0000000	90.0000000	407.9089756
8272	0.8980000	3.6000000	1.1000000	90.0000000	90.0000000	90.0000000	392.0817434
8273	0.8980000	3.8000000	1.1000000	90.0000000	90.0000000	90.0000000	379.8382178
8274	0.8980000	4.0000000	1.1000000	90.0000000	90.0000000	90.0000000	370.4757764
8275	0.8980000	4.4000000	1.1000000	90.0000000	90.0000000	90.0000000	358.0622586
8276	0.8980000	4.8000000	1.1000000	90.0000000	90.0000000	90.0000000	351.1631057
8277	0.8980000	5.2000000	1.1000000	90.0000000	90.0000000	90.0000000	347.4516381
8278	0.8980000	5.6000000	1.1000000	90.0000000	90.0000000	90.0000000	345.5266900
8279	0.8980000	6.0000000	1.1000000	90.0000000	90.0000000	90.0000000	344.5662868
8280	0.8980000	7.0000000	1.1000000	90.0000000	90.0000000	90.0000000	343.8406975
8281	0.8980000	8.0000000	1.1000000	90.0000000	90.0000000	90.0000000	343.7689105
8282	0.8980000	9.0000000	1.1000000	90.0000000	90.0000000	90.0000000	343.7894300
8283	0.8980000	10.0000000	1.1000000	90.0000000	90.0000000	90.0000000	343.8130871
8284	0.8980000	0.8000000	1.2000000	90.0000000	90.0000000	90.0000000	1156.3880945
8285	0.8980000	0.9000000	1.2000000	90.0000000	90.0000000	90.0000000	854.1509801
8286	0.8980000	1.0000000	1.2000000	90.0000000	90.0000000	90.0000000	685.2080477
8287	0.8980000	1.1000000	1.2000000	90.0000000	90.0000000	90.0000000	591.1925703
8288	0.8980000	1.2000000	1.2000000	90.0000000	90.0000000	90.0000000	540.0630355
8289	0.8980000	1.3000000	1.2000000	90.0000000	90.0000000	90.0000000	513.6509736
8290	0.8980000	1.4000000	1.2000000	90.0000000	90.0000000	90.0000000	501.3938310
8291	0.8980000	1.5000000	1.2000000	90.0000000	90.0000000	90.0000000	497.1283353
8292	0.8980000	1.6000000	1.2000000	90.0000000	90.0000000	90.0000000	497.2897935
8293	0.8980000	1.7000000	1.2000000	90.0000000	90.0000000	90.0000000	499.8037220
8294	0.8980000	1.8000000	1.2000000	90.0000000	90.0000000	90.0000000	503.4176746
8295	0.8980000	2.0000000	1.2000000	90.0000000	90.0000000	90.0000000	511.0580416
8296	0.8980000	2.2000000	1.2000000	90.0000000	90.0000000	90.0000000	527.0022417
8297	0.8980000	2.4000000	1.2000000	90.0000000	90.0000000	90.0000000	528.9297625
8298	0.8980000	2.6000000	1.2000000	90.0000000	90.0000000	90.0000000	489.9289819
8299	0.8980000	2.8000000	1.2000000	90.0000000	90.0000000	90.0000000	459.4145139
8300	0.8980000	3.0000000	1.2000000	90.0000000	90.0000000	90.0000000	434.0834625
8301	0.8980000	3.2000000	1.2000000	90.0000000	90.0000000	90.0000000	413.4825147
8302	0.8980000	3.4000000	1.2000000	90.0000000	90.0000000	90.0000000	397.0132776
8303	0.8980000	3.6000000	1.2000000	90.0000000	90.0000000	90.0000000	384.0434098
8304	0.8980000	3.8000000	1.2000000	90.0000000	90.0000000	90.0000000	373.9624073
8305	0.8980000	4.0000000	1.2000000	90.0000000	90.0000000	90.0000000	366.2141086
8306	0.8980000	4.4000000	1.2000000	90.0000000	90.0000000	90.0000000	355.8632771
8307	0.8980000	4.8000000	1.2000000	90.0000000	90.0000000	90.0000000	350.0557396
8308	0.8980000	5.2000000	1.2000000	90.0000000	90.0000000	90.0000000	346.9091561
8309	0.8980000	5.6000000	1.2000000	90.0000000	90.0000000	90.0000000	345.2690346
8310	0.8980000	6.0000000	1.2000000	90.0000000	90.0000000	90.0000000	344.4478130
8311	0.8980000	7.0000000	1.2000000	90.0000000	90.0000000	90.0000000	343.8270178
8312	0.8980000	8.0000000	1.2000000	90.0000000	90.0000000	90.0000000	343.7692243
8313	0.8980000	9.0000000	1.2000000	90.0000000	90.0000000	90.0000000	343.7908106
8314	0.8980000	10.0000000	1.2000000	90.0000000	90.0000000	90.0000000	343.8141539
8315	0.8980000	0.8000000	1.3000000	90.0000000	90.0000000	90.0000000	1018.7137081
8316	0.8980000	0.9000000	1.3000000	90.0000000	90.0000000	90.0000000	780.4011094
8317	0.8980000	1.0000000	1.3000000	90.0000000	90.0000000	90.0000000	663.8614015
8318	0.8980000	1.1000000	1.3000000	90.0000000	90.0000000	90.0000000	576.1094352
8319	0.8980000	1.2000000	1.3000000	90.0000000	90.0000000	90.0000000	521.3603667
8320	0.8980000	1.3000000	1.3000000	90.0000000	90.0000000	90.0000000	497.3758251
8321	0.8980000	1.4000000	1.3000000	90.0000000	90.0000000	90.0000000	487.0501567

8322	0.8980000	1.5000000	1.3000000	90.0000000	90.0000000	90.0000000	484.3873830
8323	0.8980000	1.6000000	1.3000000	90.0000000	90.0000000	90.0000000	485.9104112
8324	0.8980000	1.7000000	1.3000000	90.0000000	90.0000000	90.0000000	489.5837889
8325	0.8980000	1.8000000	1.3000000	90.0000000	90.0000000	90.0000000	494.1700675
8326	0.8980000	2.0000000	1.3000000	90.0000000	90.0000000	90.0000000	503.2504433
8327	0.8980000	2.2000000	1.3000000	90.0000000	90.0000000	90.0000000	509.9927188
8328	0.8980000	2.4000000	1.3000000	90.0000000	90.0000000	90.0000000	488.8058027
8329	0.8980000	2.6000000	1.3000000	90.0000000	90.0000000	90.0000000	461.0591536
8330	0.8980000	2.8000000	1.3000000	90.0000000	90.0000000	90.0000000	437.0774358
8331	0.8980000	3.0000000	1.3000000	90.0000000	90.0000000	90.0000000	417.0029684
8332	0.8980000	3.2000000	1.3000000	90.0000000	90.0000000	90.0000000	400.5723858
8333	0.8980000	3.4000000	1.3000000	90.0000000	90.0000000	90.0000000	387.3608014
8334	0.8980000	3.6000000	1.3000000	90.0000000	90.0000000	90.0000000	376.8964534
8335	0.8980000	3.8000000	1.3000000	90.0000000	90.0000000	90.0000000	368.7152358
8336	0.8980000	4.0000000	1.3000000	90.0000000	90.0000000	90.0000000	362.3898148
8337	0.8980000	4.4000000	1.3000000	90.0000000	90.0000000	90.0000000	353.8703697
8338	0.8980000	4.8000000	1.3000000	90.0000000	90.0000000	90.0000000	349.0437552
8339	0.8980000	5.2000000	1.3000000	90.0000000	90.0000000	90.0000000	346.4103489
8340	0.8980000	5.6000000	1.3000000	90.0000000	90.0000000	90.0000000	345.0308948
8341	0.8980000	6.0000000	1.3000000	90.0000000	90.0000000	90.0000000	344.3378106
8342	0.8980000	7.0000000	1.3000000	90.0000000	90.0000000	90.0000000	343.8143422
8343	0.8980000	8.0000000	1.3000000	90.0000000	90.0000000	90.0000000	343.7697890
8344	0.8980000	9.0000000	1.3000000	90.0000000	90.0000000	90.0000000	343.7923166
8345	0.8980000	10.0000000	1.3000000	90.0000000	90.0000000	90.0000000	343.8152207
8346	0.8980000	0.8000000	1.4000000	90.0000000	90.0000000	90.0000000	864.6583752
8347	0.8980000	0.9000000	1.4000000	90.0000000	90.0000000	90.0000000	635.2564738
8348	0.8980000	1.0000000	1.4000000	90.0000000	90.0000000	90.0000000	532.4128166
8349	0.8980000	1.1000000	1.4000000	90.0000000	90.0000000	90.0000000	494.7924313
8350	0.8980000	1.2000000	1.4000000	90.0000000	90.0000000	90.0000000	488.7242893
8351	0.8980000	1.3000000	1.4000000	90.0000000	90.0000000	90.0000000	495.3649710
8352	0.8980000	1.4000000	1.4000000	90.0000000	90.0000000	90.0000000	504.5241620
8353	0.8980000	1.5000000	1.4000000	90.0000000	90.0000000	90.0000000	512.0249083
8354	0.8980000	1.6000000	1.4000000	90.0000000	90.0000000	90.0000000	515.4508590
8355	0.8980000	1.7000000	1.4000000	90.0000000	90.0000000	90.0000000	515.0207640
8356	0.8980000	1.8000000	1.4000000	90.0000000	90.0000000	90.0000000	512.7681932
8357	0.8980000	2.0000000	1.4000000	90.0000000	90.0000000	90.0000000	499.7524545
8358	0.8980000	2.2000000	1.4000000	90.0000000	90.0000000	90.0000000	479.5918301
8359	0.8980000	2.4000000	1.4000000	90.0000000	90.0000000	90.0000000	457.3968827
8360	0.8980000	2.6000000	1.4000000	90.0000000	90.0000000	90.0000000	436.4145975
8361	0.8980000	2.8000000	1.4000000	90.0000000	90.0000000	90.0000000	417.9520137
8362	0.8980000	3.0000000	1.4000000	90.0000000	90.0000000	90.0000000	402.3290986
8363	0.8980000	3.2000000	1.4000000	90.0000000	90.0000000	90.0000000	389.4385480
8364	0.8980000	3.4000000	1.4000000	90.0000000	90.0000000	90.0000000	378.9998651
8365	0.8980000	3.6000000	1.4000000	90.0000000	90.0000000	90.0000000	370.6753245
8366	0.8980000	3.8000000	1.4000000	90.0000000	90.0000000	90.0000000	364.1232470
8367	0.8980000	4.0000000	1.4000000	90.0000000	90.0000000	90.0000000	359.0242933
8368	0.8980000	4.4000000	1.4000000	90.0000000	90.0000000	90.0000000	352.0981575
8369	0.8980000	4.8000000	1.4000000	90.0000000	90.0000000	90.0000000	348.1363764
8370	0.8980000	5.2000000	1.4000000	90.0000000	90.0000000	90.0000000	345.9602363
8371	0.8980000	5.6000000	1.4000000	90.0000000	90.0000000	90.0000000	344.8149061
8372	0.8980000	6.0000000	1.4000000	90.0000000	90.0000000	90.0000000	344.2377228
8373	0.8980000	7.0000000	1.4000000	90.0000000	90.0000000	90.0000000	343.8029215
8374	0.8980000	8.0000000	1.4000000	90.0000000	90.0000000	90.0000000	343.7706048
8375	0.8980000	9.0000000	1.4000000	90.0000000	90.0000000	90.0000000	343.7938226
8376	0.8980000	10.0000000	1.4000000	90.0000000	90.0000000	90.0000000	343.8163502
8377	0.8980000	0.8000000	1.5000000	90.0000000	90.0000000	90.0000000	749.3631730

8378	0.8980000	0.9000000	1.5000000	90.0000000	90.0000000	90.0000000	524.8688350
8379	0.8980000	1.0000000	1.5000000	90.0000000	90.0000000	90.0000000	428.0561712
8380	0.8980000	1.1000000	1.5000000	90.0000000	90.0000000	90.0000000	397.1845249
8381	0.8980000	1.2000000	1.5000000	90.0000000	90.0000000	90.0000000	398.3912256
8382	0.8980000	1.3000000	1.5000000	90.0000000	90.0000000	90.0000000	412.8369330
8383	0.8980000	1.4000000	1.5000000	90.0000000	90.0000000	90.0000000	430.1234385
8384	0.8980000	1.5000000	1.5000000	90.0000000	90.0000000	90.0000000	445.1446347
8385	0.8980000	1.6000000	1.5000000	90.0000000	90.0000000	90.0000000	456.0547655
8386	0.8980000	1.7000000	1.5000000	90.0000000	90.0000000	90.0000000	462.3144235
8387	0.8980000	1.8000000	1.5000000	90.0000000	90.0000000	90.0000000	464.4644592
8388	0.8980000	2.0000000	1.5000000	90.0000000	90.0000000	90.0000000	459.7005327
8389	0.8980000	2.2000000	1.5000000	90.0000000	90.0000000	90.0000000	447.1083001
8390	0.8980000	2.4000000	1.5000000	90.0000000	90.0000000	90.0000000	431.4397024
8391	0.8980000	2.6000000	1.5000000	90.0000000	90.0000000	90.0000000	415.9205146
8392	0.8980000	2.8000000	1.5000000	90.0000000	90.0000000	90.0000000	401.9626958
8393	0.8980000	3.0000000	1.5000000	90.0000000	90.0000000	90.0000000	389.9989140
8394	0.8980000	3.2000000	1.5000000	90.0000000	90.0000000	90.0000000	380.0341890
8395	0.8980000	3.4000000	1.5000000	90.0000000	90.0000000	90.0000000	371.8984659
8396	0.8980000	3.6000000	1.5000000	90.0000000	90.0000000	90.0000000	365.3603192
8397	0.8980000	3.8000000	1.5000000	90.0000000	90.0000000	90.0000000	360.1763380
8398	0.8980000	4.0000000	1.5000000	90.0000000	90.0000000	90.0000000	356.1143436
8399	0.8980000	4.4000000	1.5000000	90.0000000	90.0000000	90.0000000	350.5496524
8400	0.8980000	4.8000000	1.5000000	90.0000000	90.0000000	90.0000000	347.3372431
8401	0.8980000	5.2000000	1.5000000	90.0000000	90.0000000	90.0000000	345.5613913
8402	0.8980000	5.6000000	1.5000000	90.0000000	90.0000000	90.0000000	344.6225743
8403	0.8980000	6.0000000	1.5000000	90.0000000	90.0000000	90.0000000	344.1482400
8404	0.8980000	7.0000000	1.5000000	90.0000000	90.0000000	90.0000000	343.7930068
8405	0.8980000	8.0000000	1.5000000	90.0000000	90.0000000	90.0000000	343.7716715
8406	0.8980000	9.0000000	1.5000000	90.0000000	90.0000000	90.0000000	343.7954541
8407	0.8980000	10.0000000	1.5000000	90.0000000	90.0000000	90.0000000	343.8175424
8408	0.8980000	0.8000000	1.6000000	90.0000000	90.0000000	90.0000000	664.5744067
8409	0.8980000	0.9000000	1.6000000	90.0000000	90.0000000	90.0000000	442.6184071
8410	0.8980000	1.0000000	1.6000000	90.0000000	90.0000000	90.0000000	349.3246284
8411	0.8980000	1.1000000	1.6000000	90.0000000	90.0000000	90.0000000	322.6675866
8412	0.8980000	1.2000000	1.6000000	90.0000000	90.0000000	90.0000000	328.6038890
8413	0.8980000	1.3000000	1.6000000	90.0000000	90.0000000	90.0000000	348.2112383
8414	0.8980000	1.4000000	1.6000000	90.0000000	90.0000000	90.0000000	371.0200782
8415	0.8980000	1.5000000	1.6000000	90.0000000	90.0000000	90.0000000	391.6251675
8416	0.8980000	1.6000000	1.6000000	90.0000000	90.0000000	90.0000000	407.8539430
8417	0.8980000	1.7000000	1.6000000	90.0000000	90.0000000	90.0000000	419.1334886
8418	0.8980000	1.8000000	1.6000000	90.0000000	90.0000000	90.0000000	425.6317257
8419	0.8980000	2.0000000	1.6000000	90.0000000	90.0000000	90.0000000	427.7943743
8420	0.8980000	2.2000000	1.6000000	90.0000000	90.0000000	90.0000000	421.0445059
8421	0.8980000	2.4000000	1.6000000	90.0000000	90.0000000	90.0000000	410.4434863
8422	0.8980000	2.6000000	1.6000000	90.0000000	90.0000000	90.0000000	399.2276331
8423	0.8980000	2.8000000	1.6000000	90.0000000	90.0000000	90.0000000	388.8574742
8424	0.8980000	3.0000000	1.6000000	90.0000000	90.0000000	90.0000000	379.8317544
8425	0.8980000	3.2000000	1.6000000	90.0000000	90.0000000	90.0000000	372.2317990
8426	0.8980000	3.4000000	1.6000000	90.0000000	90.0000000	90.0000000	365.9693799
8427	0.8980000	3.6000000	1.6000000	90.0000000	90.0000000	90.0000000	360.8940205
8428	0.8980000	3.8000000	1.6000000	90.0000000	90.0000000	90.0000000	356.8384267
8429	0.8980000	4.0000000	1.6000000	90.0000000	90.0000000	90.0000000	353.6385677
8430	0.8980000	4.4000000	1.6000000	90.0000000	90.0000000	90.0000000	349.2187675
8431	0.8980000	4.8000000	1.6000000	90.0000000	90.0000000	90.0000000	346.6451001
8432	0.8980000	5.2000000	1.6000000	90.0000000	90.0000000	90.0000000	345.2138766
8433	0.8980000	5.6000000	1.6000000	90.0000000	90.0000000	90.0000000	344.4542136

8434	0.8980000	6.0000000	1.6000000	90.0000000	90.0000000	90.0000000	344.0698013
8435	0.8980000	7.0000000	1.6000000	90.0000000	90.0000000	90.0000000	343.7845355
8436	0.8980000	8.0000000	1.6000000	90.0000000	90.0000000	90.0000000	343.7729266
8437	0.8980000	9.0000000	1.6000000	90.0000000	90.0000000	90.0000000	343.7972112
8438	0.8980000	10.0000000	1.6000000	90.0000000	90.0000000	90.0000000	343.8187975
8439	0.8980000	0.8000000	1.7000000	90.0000000	90.0000000	90.0000000	602.9042816
8440	0.8980000	0.9000000	1.7000000	90.0000000	90.0000000	90.0000000	382.1159516
8441	0.8980000	1.0000000	1.7000000	90.0000000	90.0000000	90.0000000	290.7824497
8442	0.8980000	1.1000000	1.7000000	90.0000000	90.0000000	90.0000000	266.6828229
8443	0.8980000	1.2000000	1.7000000	90.0000000	90.0000000	90.0000000	275.6399559
8444	0.8980000	1.3000000	1.7000000	90.0000000	90.0000000	90.0000000	298.6533011
8445	0.8980000	1.4000000	1.7000000	90.0000000	90.0000000	90.0000000	325.2017209
8446	0.8980000	1.5000000	1.7000000	90.0000000	90.0000000	90.0000000	349.7537821
8447	0.8980000	1.6000000	1.7000000	90.0000000	90.0000000	90.0000000	369.8876746
8448	0.8980000	1.7000000	1.7000000	90.0000000	90.0000000	90.0000000	384.9373598
8449	0.8980000	1.8000000	1.7000000	90.0000000	90.0000000	90.0000000	394.9287539
8450	0.8980000	2.0000000	1.7000000	90.0000000	90.0000000	90.0000000	402.7071731
8451	0.8980000	2.2000000	1.7000000	90.0000000	90.0000000	90.0000000	400.4674662
8452	0.8980000	2.4000000	1.7000000	90.0000000	90.0000000	90.0000000	393.7512323
8453	0.8980000	2.6000000	1.7000000	90.0000000	90.0000000	90.0000000	385.8638148
8454	0.8980000	2.8000000	1.7000000	90.0000000	90.0000000	90.0000000	378.2951720
8455	0.8980000	3.0000000	1.7000000	90.0000000	90.0000000	90.0000000	371.5825777
8456	0.8980000	3.2000000	1.7000000	90.0000000	90.0000000	90.0000000	365.8584363
8457	0.8980000	3.4000000	1.7000000	90.0000000	90.0000000	90.0000000	361.0929411
8458	0.8980000	3.6000000	1.7000000	90.0000000	90.0000000	90.0000000	357.1957934
8459	0.8980000	3.8000000	1.7000000	90.0000000	90.0000000	90.0000000	354.0569910
8460	0.8980000	4.0000000	1.7000000	90.0000000	90.0000000	90.0000000	351.5635822
8461	0.8980000	4.4000000	1.7000000	90.0000000	90.0000000	90.0000000	348.0926390
8462	0.8980000	4.8000000	1.7000000	90.0000000	90.0000000	90.0000000	346.0553040
8463	0.8980000	5.2000000	1.7000000	90.0000000	90.0000000	90.0000000	344.9160605
8464	0.8980000	5.6000000	1.7000000	90.0000000	90.0000000	90.0000000	344.3093217
8465	0.8980000	6.0000000	1.7000000	90.0000000	90.0000000	90.0000000	344.0020929
8466	0.8980000	7.0000000	1.7000000	90.0000000	90.0000000	90.0000000	343.7775701
8467	0.8980000	8.0000000	1.7000000	90.0000000	90.0000000	90.0000000	343.7744326
8468	0.8980000	9.0000000	1.7000000	90.0000000	90.0000000	90.0000000	343.7989682
8469	0.8980000	10.0000000	1.7000000	90.0000000	90.0000000	90.0000000	343.8200525
8470	0.8980000	0.8000000	1.8000000	90.0000000	90.0000000	90.0000000	558.4009959
8471	0.8980000	0.9000000	1.8000000	90.0000000	90.0000000	90.0000000	338.0110718
8472	0.8980000	1.0000000	1.8000000	90.0000000	90.0000000	90.0000000	247.6945745
8473	0.8980000	1.1000000	1.8000000	90.0000000	90.0000000	90.0000000	225.0960757
8474	0.8980000	1.2000000	1.8000000	90.0000000	90.0000000	90.0000000	235.9445223
8475	0.8980000	1.3000000	1.8000000	90.0000000	90.0000000	90.0000000	261.1796903
8476	0.8980000	1.4000000	1.8000000	90.0000000	90.0000000	90.0000000	290.2409718
8477	0.8980000	1.5000000	1.8000000	90.0000000	90.0000000	90.0000000	317.5314844
8478	0.8980000	1.6000000	1.8000000	90.0000000	90.0000000	90.0000000	340.4801961
8479	0.8980000	1.7000000	1.8000000	90.0000000	90.0000000	90.0000000	358.3025318
8480	0.8980000	1.8000000	1.8000000	90.0000000	90.0000000	90.0000000	370.9698146
8481	0.8980000	2.0000000	1.8000000	90.0000000	90.0000000	90.0000000	383.2076299
8482	0.8980000	2.2000000	1.8000000	90.0000000	90.0000000	90.0000000	384.4400585
8483	0.8980000	2.4000000	1.8000000	90.0000000	90.0000000	90.0000000	380.6715503
8484	0.8980000	2.6000000	1.8000000	90.0000000	90.0000000	90.0000000	375.3202123
8485	0.8980000	2.8000000	1.8000000	90.0000000	90.0000000	90.0000000	369.9032995
8486	0.8980000	3.0000000	1.8000000	90.0000000	90.0000000	90.0000000	364.9819937
8487	0.8980000	3.2000000	1.8000000	90.0000000	90.0000000	90.0000000	360.7223967
8488	0.8980000	3.4000000	1.8000000	90.0000000	90.0000000	90.0000000	357.1357408
8489	0.8980000	3.6000000	1.8000000	90.0000000	90.0000000	90.0000000	354.1747745

8490	0.8980000	3.8000000	1.8000000	90.0000000	90.0000000	90.0000000	351.7710368
8491	0.8980000	4.0000000	1.8000000	90.0000000	90.0000000	90.0000000	349.8489753
8492	0.8980000	4.4000000	1.8000000	90.0000000	90.0000000	90.0000000	347.1540731
8493	0.8980000	4.8000000	1.8000000	90.0000000	90.0000000	90.0000000	345.5605127
8494	0.8980000	5.2000000	1.8000000	90.0000000	90.0000000	90.0000000	344.6649312
8495	0.8980000	5.6000000	1.8000000	90.0000000	90.0000000	90.0000000	344.1867690
8496	0.8980000	6.0000000	1.8000000	90.0000000	90.0000000	90.0000000	343.9448014
8497	0.8980000	7.0000000	1.8000000	90.0000000	90.0000000	90.0000000	343.7721108
8498	0.8980000	8.0000000	1.8000000	90.0000000	90.0000000	90.0000000	343.7761269
8499	0.8980000	9.0000000	1.8000000	90.0000000	90.0000000	90.0000000	343.8007252
8500	0.8980000	10.0000000	1.8000000	90.0000000	90.0000000	90.0000000	343.8213703
8501	0.8980000	0.8000000	1.9000000	90.0000000	90.0000000	90.0000000	526.4840443
8502	0.8980000	0.9000000	1.9000000	90.0000000	90.0000000	90.0000000	306.0818210
8503	0.8980000	1.0000000	1.9000000	90.0000000	90.0000000	90.0000000	216.2270451
8504	0.8980000	1.1000000	1.9000000	90.0000000	90.0000000	90.0000000	194.4710407
8505	0.8980000	1.2000000	1.9000000	90.0000000	90.0000000	90.0000000	206.4776815
8506	0.8980000	1.3000000	1.9000000	90.0000000	90.0000000	90.0000000	233.1440103
8507	0.8980000	1.4000000	1.9000000	90.0000000	90.0000000	90.0000000	263.8807421
8508	0.8980000	1.5000000	1.9000000	90.0000000	90.0000000	90.0000000	293.0525908
8509	0.8980000	1.6000000	1.9000000	90.0000000	90.0000000	90.0000000	317.9997947
8510	0.8980000	1.7000000	1.9000000	90.0000000	90.0000000	90.0000000	337.8368124
8511	0.8980000	1.8000000	1.9000000	90.0000000	90.0000000	90.0000000	352.5000773
8512	0.8980000	2.0000000	1.9000000	90.0000000	90.0000000	90.0000000	368.2080827
8513	0.8980000	2.2000000	1.9000000	90.0000000	90.0000000	90.0000000	372.0991435
8514	0.8980000	2.4000000	1.9000000	90.0000000	90.0000000	90.0000000	370.5468733
8515	0.8980000	2.6000000	1.9000000	90.0000000	90.0000000	90.0000000	367.1035405
8516	0.8980000	2.8000000	1.9000000	90.0000000	90.0000000	90.0000000	363.3165836
8517	0.8980000	3.0000000	1.9000000	90.0000000	90.0000000	90.0000000	359.7637505
8518	0.8980000	3.2000000	1.9000000	90.0000000	90.0000000	90.0000000	356.6331057
8519	0.8980000	3.4000000	1.9000000	90.0000000	90.0000000	90.0000000	353.9636177
8520	0.8980000	3.6000000	1.9000000	90.0000000	90.0000000	90.0000000	351.7379670
8521	0.8980000	3.8000000	1.9000000	90.0000000	90.0000000	90.0000000	349.9168090
8522	0.8980000	4.0000000	1.9000000	90.0000000	90.0000000	90.0000000	348.4515117
8523	0.8980000	4.4000000	1.9000000	90.0000000	90.0000000	90.0000000	346.3830521
8524	0.8980000	4.8000000	1.9000000	90.0000000	90.0000000	90.0000000	345.1515648
8525	0.8980000	5.2000000	1.9000000	90.0000000	90.0000000	90.0000000	344.4564726
8526	0.8980000	5.6000000	1.9000000	90.0000000	90.0000000	90.0000000	344.0847360
8527	0.8980000	6.0000000	1.9000000	90.0000000	90.0000000	90.0000000	343.8972362
8528	0.8980000	7.0000000	1.9000000	90.0000000	90.0000000	90.0000000	343.7681575
8529	0.8980000	8.0000000	1.9000000	90.0000000	90.0000000	90.0000000	343.7780721
8530	0.8980000	9.0000000	1.9000000	90.0000000	90.0000000	90.0000000	343.8026077
8531	0.8980000	10.0000000	1.9000000	90.0000000	90.0000000	90.0000000	343.8227508
8532	0.8980000	0.8000000	2.0000000	90.0000000	90.0000000	90.0000000	503.7166828
8533	0.8980000	0.9000000	2.0000000	90.0000000	90.0000000	90.0000000	283.1026750
8534	0.8980000	1.0000000	2.0000000	90.0000000	90.0000000	90.0000000	193.3947364
8535	0.8980000	1.1000000	2.0000000	90.0000000	90.0000000	90.0000000	172.0790554
8536	0.8980000	1.2000000	2.0000000	90.0000000	90.0000000	90.0000000	184.7748898
8537	0.8980000	1.3000000	2.0000000	90.0000000	90.0000000	90.0000000	212.3494758
8538	0.8980000	1.4000000	2.0000000	90.0000000	90.0000000	90.0000000	244.1936992
8539	0.8980000	1.5000000	2.0000000	90.0000000	90.0000000	90.0000000	274.6481772
8540	0.8980000	1.6000000	2.0000000	90.0000000	90.0000000	90.0000000	300.9991198
8541	0.8980000	1.7000000	2.0000000	90.0000000	90.0000000	90.0000000	322.2853706
8542	0.8980000	1.8000000	2.0000000	90.0000000	90.0000000	90.0000000	338.4134936
8543	0.8980000	2.0000000	2.0000000	90.0000000	90.0000000	90.0000000	356.7751111
8544	0.8980000	2.2000000	2.0000000	90.0000000	90.0000000	90.0000000	362.6883212
8545	0.8980000	2.4000000	2.0000000	90.0000000	90.0000000	90.0000000	362.7892246

8546	0.8980000	2.6000000	2.0000000	90.0000000	90.0000000	90.0000000	360.7665106
8547	0.8980000	2.8000000	2.0000000	90.0000000	90.0000000	90.0000000	358.2008754
8548	0.8980000	3.0000000	2.0000000	90.0000000	90.0000000	90.0000000	355.6824916
8549	0.8980000	3.2000000	2.0000000	90.0000000	90.0000000	90.0000000	353.4132919
8550	0.8980000	3.4000000	2.0000000	90.0000000	90.0000000	90.0000000	351.4503167
8551	0.8980000	3.6000000	2.0000000	90.0000000	90.0000000	90.0000000	349.7963272
8552	0.8980000	3.8000000	2.0000000	90.0000000	90.0000000	90.0000000	348.4321216
8553	0.8980000	4.0000000	2.0000000	90.0000000	90.0000000	90.0000000	347.3277050
8554	0.8980000	4.4000000	2.0000000	90.0000000	90.0000000	90.0000000	345.7586803
8555	0.8980000	4.8000000	2.0000000	90.0000000	90.0000000	90.0000000	344.8186711
8556	0.8980000	5.2000000	2.0000000	90.0000000	90.0000000	90.0000000	344.2861038
8557	0.8980000	5.6000000	2.0000000	90.0000000	90.0000000	90.0000000	344.0012772
8558	0.8980000	6.0000000	2.0000000	90.0000000	90.0000000	90.0000000	343.8585815
8559	0.8980000	7.0000000	2.0000000	90.0000000	90.0000000	90.0000000	343.7654592
8560	0.8980000	8.0000000	2.0000000	90.0000000	90.0000000	90.0000000	343.7802057
8561	0.8980000	9.0000000	2.0000000	90.0000000	90.0000000	90.0000000	343.8045530
8562	0.8980000	10.0000000	2.0000000	90.0000000	90.0000000	90.0000000	343.8241313
8563	0.8980000	0.8000000	2.2000000	90.0000000	90.0000000	90.0000000	476.1450461
8564	0.8980000	0.9000000	2.2000000	90.0000000	90.0000000	90.0000000	254.9347161
8565	0.8980000	1.0000000	2.2000000	90.0000000	90.0000000	90.0000000	165.0986399
8566	0.8980000	1.1000000	2.2000000	90.0000000	90.0000000	90.0000000	144.0451951
8567	0.8980000	1.2000000	2.2000000	90.0000000	90.0000000	90.0000000	157.3424346
8568	0.8980000	1.3000000	2.2000000	90.0000000	90.0000000	90.0000000	185.8243366
8569	0.8980000	1.4000000	2.2000000	90.0000000	90.0000000	90.0000000	218.8593218
8570	0.8980000	1.5000000	2.2000000	90.0000000	90.0000000	90.0000000	250.7634723
8571	0.8980000	1.6000000	2.2000000	90.0000000	90.0000000	90.0000000	278.7674631
8572	0.8980000	1.7000000	2.2000000	90.0000000	90.0000000	90.0000000	301.8184589
8573	0.8980000	1.8000000	2.2000000	90.0000000	90.0000000	90.0000000	319.7759602
8574	0.8980000	2.0000000	2.2000000	90.0000000	90.0000000	90.0000000	341.6316132
8575	0.8980000	2.2000000	2.2000000	90.0000000	90.0000000	90.0000000	350.2225944
8576	0.8980000	2.4000000	2.2000000	90.0000000	90.0000000	90.0000000	352.4537671
8577	0.8980000	2.6000000	2.2000000	90.0000000	90.0000000	90.0000000	352.2523993
8578	0.8980000	2.8000000	2.2000000	90.0000000	90.0000000	90.0000000	351.2651386
8579	0.8980000	3.0000000	2.2000000	90.0000000	90.0000000	90.0000000	350.0997909
8580	0.8980000	3.2000000	2.2000000	90.0000000	90.0000000	90.0000000	348.9721563
8581	0.8980000	3.4000000	2.2000000	90.0000000	90.0000000	90.0000000	347.9573479
8582	0.8980000	3.6000000	2.2000000	90.0000000	90.0000000	90.0000000	347.0795877
8583	0.8980000	3.8000000	2.2000000	90.0000000	90.0000000	90.0000000	346.3422641
8584	0.8980000	4.0000000	2.2000000	90.0000000	90.0000000	90.0000000	345.7375332
8585	0.8980000	4.4000000	2.2000000	90.0000000	90.0000000	90.0000000	344.8676796
8586	0.8980000	4.8000000	2.2000000	90.0000000	90.0000000	90.0000000	344.3405716
8587	0.8980000	5.2000000	2.2000000	90.0000000	90.0000000	90.0000000	344.0406848
8588	0.8980000	5.6000000	2.2000000	90.0000000	90.0000000	90.0000000	343.8814230
8589	0.8980000	6.0000000	2.2000000	90.0000000	90.0000000	90.0000000	343.8039255
8590	0.8980000	7.0000000	2.2000000	90.0000000	90.0000000	90.0000000	343.7637022
8591	0.8980000	8.0000000	2.2000000	90.0000000	90.0000000	90.0000000	343.7849747
8592	0.8980000	9.0000000	2.2000000	90.0000000	90.0000000	90.0000000	343.8084436
8593	0.8980000	10.0000000	2.2000000	90.0000000	90.0000000	90.0000000	343.8269551
8594	0.8980000	0.8000000	2.4000000	90.0000000	90.0000000	90.0000000	462.4833490
8595	0.8980000	0.9000000	2.4000000	90.0000000	90.0000000	90.0000000	240.7371886
8596	0.8980000	1.0000000	2.4000000	90.0000000	90.0000000	90.0000000	150.6204276
8597	0.8980000	1.1000000	2.4000000	90.0000000	90.0000000	90.0000000	129.5032278
8598	0.8980000	1.2000000	2.4000000	90.0000000	90.0000000	90.0000000	142.9306755
8599	0.8980000	1.3000000	2.4000000	90.0000000	90.0000000	90.0000000	171.7229437
8600	0.8980000	1.4000000	2.4000000	90.0000000	90.0000000	90.0000000	205.2394170
8601	0.8980000	1.5000000	2.4000000	90.0000000	90.0000000	90.0000000	237.7872666

8602	0.8980000	1.6000000	2.4000000	90.0000000	90.0000000	90.0000000	266.5740128
8603	0.8980000	1.7000000	2.4000000	90.0000000	90.0000000	90.0000000	290.5017020
8604	0.8980000	1.8000000	2.4000000	90.0000000	90.0000000	90.0000000	309.4005931
8605	0.8980000	2.0000000	2.4000000	90.0000000	90.0000000	90.0000000	333.1786214
8606	0.8980000	2.2000000	2.4000000	90.0000000	90.0000000	90.0000000	343.2744330
8607	0.8980000	2.4000000	2.4000000	90.0000000	90.0000000	90.0000000	346.6619802
8608	0.8980000	2.6000000	2.4000000	90.0000000	90.0000000	90.0000000	347.4379583
8609	0.8980000	2.8000000	2.4000000	90.0000000	90.0000000	90.0000000	347.3040478
8610	0.8980000	3.0000000	2.4000000	90.0000000	90.0000000	90.0000000	346.8805417
8611	0.8980000	3.2000000	2.4000000	90.0000000	90.0000000	90.0000000	346.3880723
8612	0.8980000	3.4000000	2.4000000	90.0000000	90.0000000	90.0000000	345.9082785
8613	0.8980000	3.6000000	2.4000000	90.0000000	90.0000000	90.0000000	345.4741048
8614	0.8980000	3.8000000	2.4000000	90.0000000	90.0000000	90.0000000	345.0991051
8615	0.8980000	4.0000000	2.4000000	90.0000000	90.0000000	90.0000000	344.7862288
8616	0.8980000	4.4000000	2.4000000	90.0000000	90.0000000	90.0000000	344.3297784
8617	0.8980000	4.8000000	2.4000000	90.0000000	90.0000000	90.0000000	344.0505367
8618	0.8980000	5.2000000	2.4000000	90.0000000	90.0000000	90.0000000	343.8921534
8619	0.8980000	5.6000000	2.4000000	90.0000000	90.0000000	90.0000000	343.8102006
8620	0.8980000	6.0000000	2.4000000	90.0000000	90.0000000	90.0000000	343.7732403
8621	0.8980000	7.0000000	2.4000000	90.0000000	90.0000000	90.0000000	343.7657730
8622	0.8980000	8.0000000	2.4000000	90.0000000	90.0000000	90.0000000	343.7901203
8623	0.8980000	9.0000000	2.4000000	90.0000000	90.0000000	90.0000000	343.8124596
8624	0.8980000	10.0000000	2.4000000	90.0000000	90.0000000	90.0000000	343.8298416
8625	0.8980000	0.8000000	2.6000000	90.0000000	90.0000000	90.0000000	455.7918390
8626	0.8980000	0.9000000	2.6000000	90.0000000	90.0000000	90.0000000	233.6676669
8627	0.8980000	1.0000000	2.6000000	90.0000000	90.0000000	90.0000000	143.3087500
8628	0.8980000	1.1000000	2.6000000	90.0000000	90.0000000	90.0000000	122.0662365
8629	0.8980000	1.2000000	2.6000000	90.0000000	90.0000000	90.0000000	135.4755492
8630	0.8980000	1.3000000	2.6000000	90.0000000	90.0000000	90.0000000	164.3514644
8631	0.8980000	1.4000000	2.6000000	90.0000000	90.0000000	90.0000000	198.0506684
8632	0.8980000	1.5000000	2.6000000	90.0000000	90.0000000	90.0000000	230.8773833
8633	0.8980000	1.6000000	2.6000000	90.0000000	90.0000000	90.0000000	260.0295909
8634	0.8980000	1.7000000	2.6000000	90.0000000	90.0000000	90.0000000	284.3870614
8635	0.8980000	1.8000000	2.6000000	90.0000000	90.0000000	90.0000000	303.7638010
8636	0.8980000	2.0000000	2.6000000	90.0000000	90.0000000	90.0000000	328.5795416
8637	0.8980000	2.2000000	2.6000000	90.0000000	90.0000000	90.0000000	339.5104430
8638	0.8980000	2.4000000	2.6000000	90.0000000	90.0000000	90.0000000	343.5197265
8639	0.8980000	2.6000000	2.6000000	90.0000000	90.0000000	90.0000000	344.8119568
8640	0.8980000	2.8000000	2.6000000	90.0000000	90.0000000	90.0000000	345.1291000
8641	0.8980000	3.0000000	2.6000000	90.0000000	90.0000000	90.0000000	345.1009876
8642	0.8980000	3.2000000	2.6000000	90.0000000	90.0000000	90.0000000	344.9505736
8643	0.8980000	3.4000000	2.6000000	90.0000000	90.0000000	90.0000000	344.7616304
8644	0.8980000	3.6000000	2.6000000	90.0000000	90.0000000	90.0000000	344.5708676
8645	0.8980000	3.8000000	2.6000000	90.0000000	90.0000000	90.0000000	344.3965454
8646	0.8980000	4.0000000	2.6000000	90.0000000	90.0000000	90.0000000	344.2465707
8647	0.8980000	4.4000000	2.6000000	90.0000000	90.0000000	90.0000000	344.0233656
8648	0.8980000	4.8000000	2.6000000	90.0000000	90.0000000	90.0000000	343.8859410
8649	0.8980000	5.2000000	2.6000000	90.0000000	90.0000000	90.0000000	343.8095103
8650	0.8980000	5.6000000	2.6000000	90.0000000	90.0000000	90.0000000	343.7726756
8651	0.8980000	6.0000000	2.6000000	90.0000000	90.0000000	90.0000000	343.7594979
8652	0.8980000	7.0000000	2.6000000	90.0000000	90.0000000	90.0000000	343.7705420
8653	0.8980000	8.0000000	2.6000000	90.0000000	90.0000000	90.0000000	343.7956424
8654	0.8980000	9.0000000	2.6000000	90.0000000	90.0000000	90.0000000	343.8166012
8655	0.8980000	10.0000000	2.6000000	90.0000000	90.0000000	90.0000000	343.8327282
8656	0.8980000	0.8000000	2.8000000	90.0000000	90.0000000	90.0000000	452.5535136
8657	0.8980000	0.9000000	2.8000000	90.0000000	90.0000000	90.0000000	230.1978533

8658	0.8980000	1.0000000	2.8000000	90.0000000	90.0000000	90.0000000	139.6769761
8659	0.8980000	1.1000000	2.8000000	90.0000000	90.0000000	90.0000000	118.3328062
8660	0.8980000	1.2000000	2.8000000	90.0000000	90.0000000	90.0000000	131.6965617
8661	0.8980000	1.3000000	2.8000000	90.0000000	90.0000000	90.0000000	160.5815130
8662	0.8980000	1.4000000	2.8000000	90.0000000	90.0000000	90.0000000	194.3440955
8663	0.8980000	1.5000000	2.8000000	90.0000000	90.0000000	90.0000000	227.2881546
8664	0.8980000	1.6000000	2.8000000	90.0000000	90.0000000	90.0000000	256.6080955
8665	0.8980000	1.7000000	2.8000000	90.0000000	90.0000000	90.0000000	281.1724559
8666	0.8980000	1.8000000	2.8000000	90.0000000	90.0000000	90.0000000	300.7873980
8667	0.8980000	2.0000000	2.8000000	90.0000000	90.0000000	90.0000000	326.1525860
8668	0.8980000	2.2000000	2.8000000	90.0000000	90.0000000	90.0000000	337.5387454
8669	0.8980000	2.4000000	2.8000000	90.0000000	90.0000000	90.0000000	341.8767184
8670	0.8980000	2.6000000	2.8000000	90.0000000	90.0000000	90.0000000	343.4353892
8671	0.8980000	2.8000000	2.8000000	90.0000000	90.0000000	90.0000000	343.9841462
8672	0.8980000	3.0000000	2.8000000	90.0000000	90.0000000	90.0000000	344.1599117
8673	0.8980000	3.2000000	2.8000000	90.0000000	90.0000000	90.0000000	344.1869573
8674	0.8980000	3.4000000	2.8000000	90.0000000	90.0000000	90.0000000	344.1501853
8675	0.8980000	3.6000000	2.8000000	90.0000000	90.0000000	90.0000000	344.0878108
8676	0.8980000	3.8000000	2.8000000	90.0000000	90.0000000	90.0000000	344.0200398
8677	0.8980000	4.0000000	2.8000000	90.0000000	90.0000000	90.0000000	343.9572888
8678	0.8980000	4.4000000	2.8000000	90.0000000	90.0000000	90.0000000	343.8601503
8679	0.8980000	4.8000000	2.8000000	90.0000000	90.0000000	90.0000000	343.8002232
8680	0.8980000	5.2000000	2.8000000	90.0000000	90.0000000	90.0000000	343.7689733
8681	0.8980000	5.6000000	2.8000000	90.0000000	90.0000000	90.0000000	343.7571133
8682	0.8980000	6.0000000	2.8000000	90.0000000	90.0000000	90.0000000	343.7569878
8683	0.8980000	7.0000000	2.8000000	90.0000000	90.0000000	90.0000000	343.7770681
8684	0.8980000	8.0000000	2.8000000	90.0000000	90.0000000	90.0000000	343.8012272
8685	0.8980000	9.0000000	2.8000000	90.0000000	90.0000000	90.0000000	343.8206800
8686	0.8980000	10.0000000	2.8000000	90.0000000	90.0000000	90.0000000	343.8356147
8687	0.8980000	0.8000000	3.0000000	90.0000000	90.0000000	90.0000000	451.0179980
8688	0.8980000	0.9000000	3.0000000	90.0000000	90.0000000	90.0000000	228.5341374
8689	0.8980000	1.0000000	3.0000000	90.0000000	90.0000000	90.0000000	137.9188201
8690	0.8980000	1.1000000	3.0000000	90.0000000	90.0000000	90.0000000	116.5092008
8691	0.8980000	1.2000000	3.0000000	90.0000000	90.0000000	90.0000000	129.8352431
8692	0.8980000	1.3000000	3.0000000	90.0000000	90.0000000	90.0000000	158.7100288
8693	0.8980000	1.4000000	3.0000000	90.0000000	90.0000000	90.0000000	192.4905580
8694	0.8980000	1.5000000	3.0000000	90.0000000	90.0000000	90.0000000	225.4813666
8695	0.8980000	1.6000000	3.0000000	90.0000000	90.0000000	90.0000000	254.8753536
8696	0.8980000	1.7000000	3.0000000	90.0000000	90.0000000	90.0000000	279.5359740
8697	0.8980000	1.8000000	3.0000000	90.0000000	90.0000000	90.0000000	299.2659386
8698	0.8980000	2.0000000	3.0000000	90.0000000	90.0000000	90.0000000	324.9148863
8699	0.8980000	2.2000000	3.0000000	90.0000000	90.0000000	90.0000000	336.5434526
8700	0.8980000	2.4000000	3.0000000	90.0000000	90.0000000	90.0000000	341.0512297
8701	0.8980000	2.6000000	3.0000000	90.0000000	90.0000000	90.0000000	342.7436855
8702	0.8980000	2.8000000	3.0000000	90.0000000	90.0000000	90.0000000	343.4075905
8703	0.8980000	3.0000000	3.0000000	90.0000000	90.0000000	90.0000000	343.6847614
8704	0.8980000	3.2000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8008507
8705	0.8980000	3.4000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8408858
8706	0.8980000	3.6000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8437096
8707	0.8980000	3.8000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8305319
8708	0.8980000	4.0000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8126479
8709	0.8980000	4.4000000	3.0000000	90.0000000	90.0000000	90.0000000	343.7809587
8710	0.8980000	4.8000000	3.0000000	90.0000000	90.0000000	90.0000000	343.7615686
8711	0.8980000	5.2000000	3.0000000	90.0000000	90.0000000	90.0000000	343.7539130
8712	0.8980000	5.6000000	3.0000000	90.0000000	90.0000000	90.0000000	343.7549798
8713	0.8980000	6.0000000	3.0000000	90.0000000	90.0000000	90.0000000	343.7611921

8714	0.8980000	7.0000000	3.0000000	90.0000000	90.0000000	90.0000000	343.7844727
8715	0.8980000	8.0000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8069375
8716	0.8980000	9.0000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8247588
8717	0.8980000	10.0000000	3.0000000	90.0000000	90.0000000	90.0000000	343.8383757
8718	0.8980000	0.8000000	3.5000000	90.0000000	90.0000000	90.0000000	449.9113222
8719	0.8980000	0.9000000	3.5000000	90.0000000	90.0000000	90.0000000	227.3212871
8720	0.8980000	1.0000000	3.5000000	90.0000000	90.0000000	90.0000000	136.6235778
8721	0.8980000	1.1000000	3.5000000	90.0000000	90.0000000	90.0000000	115.1520234
8722	0.8980000	1.2000000	3.5000000	90.0000000	90.0000000	90.0000000	128.4361479
8723	0.8980000	1.3000000	3.5000000	90.0000000	90.0000000	90.0000000	157.2897238
8724	0.8980000	1.4000000	3.5000000	90.0000000	90.0000000	90.0000000	191.0708178
8725	0.8980000	1.5000000	3.5000000	90.0000000	90.0000000	90.0000000	224.0852208
8726	0.8980000	1.6000000	3.5000000	90.0000000	90.0000000	90.0000000	253.5255807
8727	0.8980000	1.7000000	3.5000000	90.0000000	90.0000000	90.0000000	278.2512738
8728	0.8980000	1.8000000	3.5000000	90.0000000	90.0000000	90.0000000	298.0638814
8729	0.8980000	2.0000000	3.5000000	90.0000000	90.0000000	90.0000000	323.9438782
8730	0.8980000	2.2000000	3.5000000	90.0000000	90.0000000	90.0000000	335.7806521
8731	0.8980000	2.4000000	3.5000000	90.0000000	90.0000000	90.0000000	340.4282382
8732	0.8980000	2.6000000	3.5000000	90.0000000	90.0000000	90.0000000	342.2258019
8733	0.8980000	2.8000000	3.5000000	90.0000000	90.0000000	90.0000000	342.9785623
8734	0.8980000	3.0000000	3.5000000	90.0000000	90.0000000	90.0000000	343.3340464
8735	0.8980000	3.2000000	3.5000000	90.0000000	90.0000000	90.0000000	343.5193500
8736	0.8980000	3.4000000	3.5000000	90.0000000	90.0000000	90.0000000	343.6196888
8737	0.8980000	3.6000000	3.5000000	90.0000000	90.0000000	90.0000000	343.6742820
8738	0.8980000	3.8000000	3.5000000	90.0000000	90.0000000	90.0000000	343.7044652
8739	0.8980000	4.0000000	3.5000000	90.0000000	90.0000000	90.0000000	343.7223492
8740	0.8980000	4.4000000	3.5000000	90.0000000	90.0000000	90.0000000	343.7427434
8741	0.8980000	4.8000000	3.5000000	90.0000000	90.0000000	90.0000000	343.7549798
8742	0.8980000	5.2000000	3.5000000	90.0000000	90.0000000	90.0000000	343.7648317
8743	0.8980000	5.6000000	3.5000000	90.0000000	90.0000000	90.0000000	343.7742443
8744	0.8980000	6.0000000	3.5000000	90.0000000	90.0000000	90.0000000	343.7832177
8745	0.8980000	7.0000000	3.5000000	90.0000000	90.0000000	90.0000000	343.8033607
8746	0.8980000	8.0000000	3.5000000	90.0000000	90.0000000	90.0000000	343.8206172
8747	0.8980000	9.0000000	3.5000000	90.0000000	90.0000000	90.0000000	343.8345479
8748	0.8980000	10.0000000	3.5000000	90.0000000	90.0000000	90.0000000	343.8447763
8749	0.8980000	0.8000000	4.0000000	90.0000000	90.0000000	90.0000000	449.7901502
8750	0.8980000	0.9000000	4.0000000	90.0000000	90.0000000	90.0000000	227.1848038
8751	0.8980000	1.0000000	4.0000000	90.0000000	90.0000000	90.0000000	136.4763013
8752	0.8980000	1.1000000	4.0000000	90.0000000	90.0000000	90.0000000	114.9972796
8753	0.8980000	1.2000000	4.0000000	90.0000000	90.0000000	90.0000000	128.2767605
8754	0.8980000	1.3000000	4.0000000	90.0000000	90.0000000	90.0000000	157.1282656
8755	0.8980000	1.4000000	4.0000000	90.0000000	90.0000000	90.0000000	190.9096106
8756	0.8980000	1.5000000	4.0000000	90.0000000	90.0000000	90.0000000	223.9265863
8757	0.8980000	1.6000000	4.0000000	90.0000000	90.0000000	90.0000000	253.3715899
8758	0.8980000	1.7000000	4.0000000	90.0000000	90.0000000	90.0000000	278.1031188
8759	0.8980000	1.8000000	4.0000000	90.0000000	90.0000000	90.0000000	297.9235075
8760	0.8980000	2.0000000	4.0000000	90.0000000	90.0000000	90.0000000	323.8356955
8761	0.8980000	2.2000000	4.0000000	90.0000000	90.0000000	90.0000000	335.7064178
8762	0.8980000	2.4000000	4.0000000	90.0000000	90.0000000	90.0000000	340.3757785
8763	0.8980000	2.6000000	4.0000000	90.0000000	90.0000000	90.0000000	342.1883396
8764	0.8980000	2.8000000	4.0000000	90.0000000	90.0000000	90.0000000	342.9530854
8765	0.8980000	3.0000000	4.0000000	90.0000000	90.0000000	90.0000000	343.3191116
8766	0.8980000	3.2000000	4.0000000	90.0000000	90.0000000	90.0000000	343.5137024
8767	0.8980000	3.4000000	4.0000000	90.0000000	90.0000000	90.0000000	343.6221988
8768	0.8980000	3.6000000	4.0000000	90.0000000	90.0000000	90.0000000	343.6835692
8769	0.8980000	3.8000000	4.0000000	90.0000000	90.0000000	90.0000000	343.7192117

8770	0.8980000	4.0000000	4.0000000	90.0000000	90.0000000	90.0000000	343.7413001
8771	0.8980000	4.4000000	4.0000000	90.0000000	90.0000000	90.0000000	343.7669025
8772	0.8980000	4.8000000	4.0000000	90.0000000	90.0000000	90.0000000	343.7810842
8773	0.8980000	5.2000000	4.0000000	90.0000000	90.0000000	90.0000000	343.7907478
8774	0.8980000	5.6000000	4.0000000	90.0000000	90.0000000	90.0000000	343.7986544
8775	0.8980000	6.0000000	4.0000000	90.0000000	90.0000000	90.0000000	343.8055570
8776	0.8980000	7.0000000	4.0000000	90.0000000	90.0000000	90.0000000	343.8202407
8777	0.8980000	8.0000000	4.0000000	90.0000000	90.0000000	90.0000000	343.8328537
8778	0.8980000	9.0000000	4.0000000	90.0000000	90.0000000	90.0000000	343.8428938
8779	0.8980000	10.0000000	4.0000000	90.0000000	90.0000000	90.0000000	343.8499847
8780	0.8980000	0.8000000	10.0000000	90.0000000	90.0000000	90.0000000	449.8587369
8781	0.8980000	0.9000000	10.0000000	90.0000000	90.0000000	90.0000000	227.2453585
8782	0.8980000	1.0000000	10.0000000	90.0000000	90.0000000	90.0000000	136.5375462
8783	0.8980000	1.1000000	10.0000000	90.0000000	90.0000000	90.0000000	115.0643603
8784	0.8980000	1.2000000	10.0000000	90.0000000	90.0000000	90.0000000	128.3528147
8785	0.8980000	1.3000000	10.0000000	90.0000000	90.0000000	90.0000000	157.2143600
8786	0.8980000	1.4000000	10.0000000	90.0000000	90.0000000	90.0000000	191.0051176
8787	0.8980000	1.5000000	10.0000000	90.0000000	90.0000000	90.0000000	224.0289959
8788	0.8980000	1.6000000	10.0000000	90.0000000	90.0000000	90.0000000	253.4770115
8789	0.8980000	1.7000000	10.0000000	90.0000000	90.0000000	90.0000000	278.2068461
8790	0.8980000	1.8000000	10.0000000	90.0000000	90.0000000	90.0000000	298.0222148
8791	0.8980000	2.0000000	10.0000000	90.0000000	90.0000000	90.0000000	323.9266217
8792	0.8980000	2.2000000	10.0000000	90.0000000	90.0000000	90.0000000	335.7954613
8793	0.8980000	2.4000000	10.0000000	90.0000000	90.0000000	90.0000000	340.4640064
8794	0.8980000	2.6000000	10.0000000	90.0000000	90.0000000	90.0000000	342.2752496
8795	0.8980000	2.8000000	10.0000000	90.0000000	90.0000000	90.0000000	343.0386149
8796	0.8980000	3.0000000	10.0000000	90.0000000	90.0000000	90.0000000	343.4035117
8797	0.8980000	3.2000000	10.0000000	90.0000000	90.0000000	90.0000000	343.5970356
8798	0.8980000	3.4000000	10.0000000	90.0000000	90.0000000	90.0000000	343.7045907
8799	0.8980000	3.6000000	10.0000000	90.0000000	90.0000000	90.0000000	343.7646434
8800	0.8980000	3.8000000	10.0000000	90.0000000	90.0000000	90.0000000	343.7985917
8801	0.8980000	4.0000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8186720
8802	0.8980000	4.4000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8396308
8803	0.8980000	4.8000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8488551
8804	0.8980000	5.2000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8534360
8805	0.8980000	5.6000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8562598
8806	0.8980000	6.0000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8580168
8807	0.8980000	7.0000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8596483
8808	0.8980000	8.0000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8600876
8809	0.8980000	9.0000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8602758
8810	0.8980000	10.0000000	10.0000000	90.0000000	90.0000000	90.0000000	343.8603386
8811	1.2980000	0.8000000	1.0000000	90.0000000	90.0000000	90.0000000	891.9871659
8812	1.2980000	0.9000000	1.0000000	90.0000000	90.0000000	90.0000000	579.0546545
8813	1.2980000	1.0000000	1.0000000	90.0000000	90.0000000	90.0000000	402.2404942
8814	1.2980000	1.1000000	1.0000000	90.0000000	90.0000000	90.0000000	302.6770173
8815	1.2980000	1.2000000	1.0000000	90.0000000	90.0000000	90.0000000	247.8735401
8816	1.2980000	1.3000000	1.0000000	90.0000000	90.0000000	90.0000000	219.3962189
8817	1.2980000	1.4000000	1.0000000	90.0000000	90.0000000	90.0000000	206.5664112
8818	1.2980000	1.5000000	1.0000000	90.0000000	90.0000000	90.0000000	203.1821272
8819	1.2980000	1.6000000	1.0000000	90.0000000	90.0000000	90.0000000	205.6577775
8820	1.2980000	1.7000000	1.0000000	90.0000000	90.0000000	90.0000000	211.8886329
8821	1.2980000	1.8000000	1.0000000	90.0000000	90.0000000	90.0000000	220.5704774
8822	1.2980000	2.0000000	1.0000000	90.0000000	90.0000000	90.0000000	242.0272854
8823	1.2980000	2.2000000	1.0000000	90.0000000	90.0000000	90.0000000	265.4896136
8824	1.2980000	2.4000000	1.0000000	90.0000000	90.0000000	90.0000000	288.5155717
8825	1.2980000	2.6000000	1.0000000	90.0000000	90.0000000	90.0000000	309.9342899

8826	1.2980000	2.8000000	1.0000000	90.0000000	90.0000000	90.0000000	329.2701158
8827	1.2980000	3.0000000	1.0000000	90.0000000	90.0000000	90.0000000	346.4105999
8828	1.2980000	3.2000000	1.0000000	90.0000000	90.0000000	90.0000000	354.7187625
8829	1.2980000	3.4000000	1.0000000	90.0000000	90.0000000	90.0000000	336.7975940
8830	1.2980000	3.6000000	1.0000000	90.0000000	90.0000000	90.0000000	321.8419724
8831	1.2980000	3.8000000	1.0000000	90.0000000	90.0000000	90.0000000	309.7363734
8832	1.2980000	4.0000000	1.0000000	90.0000000	90.0000000	90.0000000	300.1357922
8833	1.2980000	4.4000000	1.0000000	90.0000000	90.0000000	90.0000000	286.8587585
8834	1.2980000	4.8000000	1.0000000	90.0000000	90.0000000	90.0000000	279.1270887
8835	1.2980000	5.2000000	1.0000000	90.0000000	90.0000000	90.0000000	274.8157849
8836	1.2980000	5.6000000	1.0000000	90.0000000	90.0000000	90.0000000	272.5143311
8837	1.2980000	6.0000000	1.0000000	90.0000000	90.0000000	90.0000000	271.3361822
8838	1.2980000	7.0000000	1.0000000	90.0000000	90.0000000	90.0000000	270.4085977
8839	1.2980000	8.0000000	1.0000000	90.0000000	90.0000000	90.0000000	270.3055606
8840	1.2980000	9.0000000	1.0000000	90.0000000	90.0000000	90.0000000	270.3282137
8841	1.2980000	10.0000000	1.0000000	90.0000000	90.0000000	90.0000000	270.3539416
8842	1.2980000	0.8000000	1.1000000	90.0000000	90.0000000	90.0000000	843.1798555
8843	1.2980000	0.9000000	1.1000000	90.0000000	90.0000000	90.0000000	547.8383172
8844	1.2980000	1.0000000	1.1000000	90.0000000	90.0000000	90.0000000	386.1968968
8845	1.2980000	1.1000000	1.1000000	90.0000000	90.0000000	90.0000000	279.9276653
8846	1.2980000	1.2000000	1.1000000	90.0000000	90.0000000	90.0000000	232.2366943
8847	1.2980000	1.3000000	1.1000000	90.0000000	90.0000000	90.0000000	209.5364764
8848	1.2980000	1.4000000	1.1000000	90.0000000	90.0000000	90.0000000	201.4154370
8849	1.2980000	1.5000000	1.1000000	90.0000000	90.0000000	90.0000000	201.8464733
8850	1.2980000	1.6000000	1.1000000	90.0000000	90.0000000	90.0000000	207.3728237
8851	1.2980000	1.7000000	1.1000000	90.0000000	90.0000000	90.0000000	215.9944274
8852	1.2980000	1.8000000	1.1000000	90.0000000	90.0000000	90.0000000	226.4978692
8853	1.2980000	2.0000000	1.1000000	90.0000000	90.0000000	90.0000000	250.2244416
8854	1.2980000	2.2000000	1.1000000	90.0000000	90.0000000	90.0000000	274.6495577
8855	1.2980000	2.4000000	1.1000000	90.0000000	90.0000000	90.0000000	297.8424961
8856	1.2980000	2.6000000	1.1000000	90.0000000	90.0000000	90.0000000	318.9544248
8857	1.2980000	2.8000000	1.1000000	90.0000000	90.0000000	90.0000000	337.6409039
8858	1.2980000	3.0000000	1.1000000	90.0000000	90.0000000	90.0000000	362.2463662
8859	1.2980000	3.2000000	1.1000000	90.0000000	90.0000000	90.0000000	343.5872464
8860	1.2980000	3.4000000	1.1000000	90.0000000	90.0000000	90.0000000	327.7660384
8861	1.2980000	3.6000000	1.1000000	90.0000000	90.0000000	90.0000000	314.7818006
8862	1.2980000	3.8000000	1.1000000	90.0000000	90.0000000	90.0000000	304.3411097
8863	1.2980000	4.0000000	1.1000000	90.0000000	90.0000000	90.0000000	296.0790689
8864	1.2980000	4.4000000	1.1000000	90.0000000	90.0000000	90.0000000	284.6454698
8865	1.2980000	4.8000000	1.1000000	90.0000000	90.0000000	90.0000000	277.9665728
8866	1.2980000	5.2000000	1.1000000	90.0000000	90.0000000	90.0000000	274.2305696
8867	1.2980000	5.6000000	1.1000000	90.0000000	90.0000000	90.0000000	272.2303204
8868	1.2980000	6.0000000	1.1000000	90.0000000	90.0000000	90.0000000	271.2030874
8869	1.2980000	7.0000000	1.1000000	90.0000000	90.0000000	90.0000000	270.3920941
8870	1.2980000	8.0000000	1.1000000	90.0000000	90.0000000	90.0000000	270.3058116
8871	1.2980000	9.0000000	1.1000000	90.0000000	90.0000000	90.0000000	270.3296570
8872	1.2980000	10.0000000	1.1000000	90.0000000	90.0000000	90.0000000	270.3548828
8873	1.2980000	0.8000000	1.2000000	90.0000000	90.0000000	90.0000000	795.4408799
8874	1.2980000	0.9000000	1.2000000	90.0000000	90.0000000	90.0000000	509.8380377
8875	1.2980000	1.0000000	1.2000000	90.0000000	90.0000000	90.0000000	354.6021713
8876	1.2980000	1.1000000	1.2000000	90.0000000	90.0000000	90.0000000	271.6883404
8877	1.2980000	1.2000000	1.2000000	90.0000000	90.0000000	90.0000000	229.7965610
8878	1.2980000	1.3000000	1.2000000	90.0000000	90.0000000	90.0000000	211.4454229
8879	1.2980000	1.4000000	1.2000000	90.0000000	90.0000000	90.0000000	206.6026186
8880	1.2980000	1.5000000	1.2000000	90.0000000	90.0000000	90.0000000	209.4987630
8881	1.2980000	1.6000000	1.2000000	90.0000000	90.0000000	90.0000000	216.8566254

8882	1.2980000	1.7000000	1.2000000	90.0000000	90.0000000	90.0000000	226.8031525
8883	1.2980000	1.8000000	1.2000000	90.0000000	90.0000000	90.0000000	238.2157301
8884	1.2980000	2.0000000	1.2000000	90.0000000	90.0000000	90.0000000	262.7809062
8885	1.2980000	2.2000000	1.2000000	90.0000000	90.0000000	90.0000000	287.1132764
8886	1.2980000	2.4000000	1.2000000	90.0000000	90.0000000	90.0000000	309.6460748
8887	1.2980000	2.6000000	1.2000000	90.0000000	90.0000000	90.0000000	329.7628990
8888	1.2980000	2.8000000	1.2000000	90.0000000	90.0000000	90.0000000	347.1533828
8889	1.2980000	3.0000000	1.2000000	90.0000000	90.0000000	90.0000000	348.7303769
8890	1.2980000	3.2000000	1.2000000	90.0000000	90.0000000	90.0000000	332.5661093
8891	1.2980000	3.4000000	1.2000000	90.0000000	90.0000000	90.0000000	319.0932299
8892	1.2980000	3.6000000	1.2000000	90.0000000	90.0000000	90.0000000	308.0935536
8893	1.2980000	3.8000000	1.2000000	90.0000000	90.0000000	90.0000000	299.2614206
8894	1.2980000	4.0000000	1.2000000	90.0000000	90.0000000	90.0000000	292.2682040
8895	1.2980000	4.4000000	1.2000000	90.0000000	90.0000000	90.0000000	282.5648994
8896	1.2980000	4.8000000	1.2000000	90.0000000	90.0000000	90.0000000	276.8730120
8897	1.2980000	5.2000000	1.2000000	90.0000000	90.0000000	90.0000000	273.6777337
8898	1.2980000	5.6000000	1.2000000	90.0000000	90.0000000	90.0000000	271.9612443
8899	1.2980000	6.0000000	1.2000000	90.0000000	90.0000000	90.0000000	271.0765815
8900	1.2980000	7.0000000	1.2000000	90.0000000	90.0000000	90.0000000	270.3764691
8901	1.2980000	8.0000000	1.2000000	90.0000000	90.0000000	90.0000000	270.3062509
8902	1.2980000	9.0000000	1.2000000	90.0000000	90.0000000	90.0000000	270.3311630
8903	1.2980000	10.0000000	1.2000000	90.0000000	90.0000000	90.0000000	270.3558868
8904	1.2980000	0.8000000	1.3000000	90.0000000	90.0000000	90.0000000	767.1642991
8905	1.2980000	0.9000000	1.3000000	90.0000000	90.0000000	90.0000000	493.7409138
8906	1.2980000	1.0000000	1.3000000	90.0000000	90.0000000	90.0000000	348.1589668
8907	1.2980000	1.1000000	1.3000000	90.0000000	90.0000000	90.0000000	272.2789524
8908	1.2980000	1.2000000	1.3000000	90.0000000	90.0000000	90.0000000	235.3396660
8909	1.2980000	1.3000000	1.3000000	90.0000000	90.0000000	90.0000000	220.4407712
8910	1.2980000	1.4000000	1.3000000	90.0000000	90.0000000	90.0000000	217.9894055
8911	1.2980000	1.5000000	1.3000000	90.0000000	90.0000000	90.0000000	222.5197729
8912	1.2980000	1.6000000	1.3000000	90.0000000	90.0000000	90.0000000	230.9614069
8913	1.2980000	1.7000000	1.3000000	90.0000000	90.0000000	90.0000000	241.5801849
8914	1.2980000	1.8000000	1.3000000	90.0000000	90.0000000	90.0000000	253.3442933
8915	1.2980000	2.0000000	1.3000000	90.0000000	90.0000000	90.0000000	277.8781567
8916	1.2980000	2.2000000	1.3000000	90.0000000	90.0000000	90.0000000	301.4736424
8917	1.2980000	2.4000000	1.3000000	90.0000000	90.0000000	90.0000000	322.8259073
8918	1.2980000	2.6000000	1.3000000	90.0000000	90.0000000	90.0000000	341.4618719
8919	1.2980000	2.8000000	1.3000000	90.0000000	90.0000000	90.0000000	351.5231705
8920	1.2980000	3.0000000	1.3000000	90.0000000	90.0000000	90.0000000	335.7180267
8921	1.2980000	3.2000000	1.3000000	90.0000000	90.0000000	90.0000000	322.2654785
8922	1.2980000	3.4000000	1.3000000	90.0000000	90.0000000	90.0000000	311.0804360
8923	1.2980000	3.6000000	1.3000000	90.0000000	90.0000000	90.0000000	301.9470983
8924	1.2980000	3.8000000	1.3000000	90.0000000	90.0000000	90.0000000	294.6018489
8925	1.2980000	4.0000000	1.3000000	90.0000000	90.0000000	90.0000000	288.7718466
8926	1.2980000	4.4000000	1.3000000	90.0000000	90.0000000	90.0000000	280.6508700
8927	1.2980000	4.8000000	1.3000000	90.0000000	90.0000000	90.0000000	275.8640395
8928	1.2980000	5.2000000	1.3000000	90.0000000	90.0000000	90.0000000	273.1661880
8929	1.2980000	5.6000000	1.3000000	90.0000000	90.0000000	90.0000000	271.7113700
8930	1.2980000	6.0000000	1.3000000	90.0000000	90.0000000	90.0000000	270.9586725
8931	1.2980000	7.0000000	1.3000000	90.0000000	90.0000000	90.0000000	270.3621619
8932	1.2980000	8.0000000	1.3000000	90.0000000	90.0000000	90.0000000	270.3070666
8933	1.2980000	9.0000000	1.3000000	90.0000000	90.0000000	90.0000000	270.3327945
8934	1.2980000	10.0000000	1.3000000	90.0000000	90.0000000	90.0000000	270.3569536
8935	1.2980000	0.8000000	1.4000000	90.0000000	90.0000000	90.0000000	746.8380749
8936	1.2980000	0.9000000	1.4000000	90.0000000	90.0000000	90.0000000	484.3363038
8937	1.2980000	1.0000000	1.4000000	90.0000000	90.0000000	90.0000000	347.7002573

8938	1.2980000	1.1000000	1.4000000	90.0000000	90.0000000	90.0000000	278.2330133
8939	1.2980000	1.2000000	1.4000000	90.0000000	90.0000000	90.0000000	245.6074779
8940	1.2980000	1.3000000	1.4000000	90.0000000	90.0000000	90.0000000	233.5314346
8941	1.2980000	1.4000000	1.4000000	90.0000000	90.0000000	90.0000000	232.8785738
8942	1.2980000	1.5000000	1.4000000	90.0000000	90.0000000	90.0000000	238.5024392
8943	1.2980000	1.6000000	1.4000000	90.0000000	90.0000000	90.0000000	247.5469842
8944	1.2980000	1.7000000	1.4000000	90.0000000	90.0000000	90.0000000	258.4192761
8945	1.2980000	1.8000000	1.4000000	90.0000000	90.0000000	90.0000000	270.1769212
8946	1.2980000	2.0000000	1.4000000	90.0000000	90.0000000	90.0000000	294.1223062
8947	1.2980000	2.2000000	1.4000000	90.0000000	90.0000000	90.0000000	316.5703281
8948	1.2980000	2.4000000	1.4000000	90.0000000	90.0000000	90.0000000	336.3811787
8949	1.2980000	2.6000000	1.4000000	90.0000000	90.0000000	90.0000000	351.2431130
8950	1.2980000	2.8000000	1.4000000	90.0000000	90.0000000	90.0000000	336.7244264
8951	1.2980000	3.0000000	1.4000000	90.0000000	90.0000000	90.0000000	323.9153893
8952	1.2980000	3.2000000	1.4000000	90.0000000	90.0000000	90.0000000	312.9965989
8953	1.2980000	3.4000000	1.4000000	90.0000000	90.0000000	90.0000000	303.8951388
8954	1.2980000	3.6000000	1.4000000	90.0000000	90.0000000	90.0000000	296.4401379
8955	1.2980000	3.8000000	1.4000000	90.0000000	90.0000000	90.0000000	290.4237654
8956	1.2980000	4.0000000	1.4000000	90.0000000	90.0000000	90.0000000	285.6314755
8957	1.2980000	4.4000000	1.4000000	90.0000000	90.0000000	90.0000000	278.9249052
8958	1.2980000	4.8000000	1.4000000	90.0000000	90.0000000	90.0000000	274.9508877
8959	1.2980000	5.2000000	1.4000000	90.0000000	90.0000000	90.0000000	272.7015800
8960	1.2980000	5.6000000	1.4000000	90.0000000	90.0000000	90.0000000	271.4835842
8961	1.2980000	6.0000000	1.4000000	90.0000000	90.0000000	90.0000000	270.8508663
8962	1.2980000	7.0000000	1.4000000	90.0000000	90.0000000	90.0000000	270.3492980
8963	1.2980000	8.0000000	1.4000000	90.0000000	90.0000000	90.0000000	270.3081334
8964	1.2980000	9.0000000	1.4000000	90.0000000	90.0000000	90.0000000	270.3344888
8965	1.2980000	10.0000000	1.4000000	90.0000000	90.0000000	90.0000000	270.3580831
8966	1.2980000	0.8000000	1.5000000	90.0000000	90.0000000	90.0000000	637.3337184
8967	1.2980000	0.9000000	1.5000000	90.0000000	90.0000000	90.0000000	409.4651363
8968	1.2980000	1.0000000	1.5000000	90.0000000	90.0000000	90.0000000	309.6673474
8969	1.2980000	1.1000000	1.5000000	90.0000000	90.0000000	90.0000000	276.3281455
8970	1.2980000	1.2000000	1.5000000	90.0000000	90.0000000	90.0000000	258.4544166
8971	1.2980000	1.3000000	1.5000000	90.0000000	90.0000000	90.0000000	248.7430801
8972	1.2980000	1.4000000	1.5000000	90.0000000	90.0000000	90.0000000	249.4672259
8973	1.2980000	1.5000000	1.5000000	90.0000000	90.0000000	90.0000000	255.8075189
8974	1.2980000	1.6000000	1.5000000	90.0000000	90.0000000	90.0000000	265.1209518
8975	1.2980000	1.7000000	1.5000000	90.0000000	90.0000000	90.0000000	275.9545263
8976	1.2980000	1.8000000	1.5000000	90.0000000	90.0000000	90.0000000	287.4537002
8977	1.2980000	2.0000000	1.5000000	90.0000000	90.0000000	90.0000000	310.4132051
8978	1.2980000	2.2000000	1.5000000	90.0000000	90.0000000	90.0000000	331.3837560
8979	1.2980000	2.4000000	1.5000000	90.0000000	90.0000000	90.0000000	347.0101224
8980	1.2980000	2.6000000	1.5000000	90.0000000	90.0000000	90.0000000	335.0991141
8981	1.2980000	2.8000000	1.5000000	90.0000000	90.0000000	90.0000000	323.7124526
8982	1.2980000	3.0000000	1.5000000	90.0000000	90.0000000	90.0000000	313.5801827
8983	1.2980000	3.2000000	1.5000000	90.0000000	90.0000000	90.0000000	304.8888627
8984	1.2980000	3.4000000	1.5000000	90.0000000	90.0000000	90.0000000	297.6063015
8985	1.2980000	3.6000000	1.5000000	90.0000000	90.0000000	90.0000000	291.6120173
8986	1.2980000	3.8000000	1.5000000	90.0000000	90.0000000	90.0000000	286.7520191
8987	1.2980000	4.0000000	1.5000000	90.0000000	90.0000000	90.0000000	282.8646607
8988	1.2980000	4.4000000	1.5000000	90.0000000	90.0000000	90.0000000	277.3971079
8989	1.2980000	4.8000000	1.5000000	90.0000000	90.0000000	90.0000000	274.1394552
8990	1.2980000	5.2000000	1.5000000	90.0000000	90.0000000	90.0000000	272.2871100
8991	1.2980000	5.6000000	1.5000000	90.0000000	90.0000000	90.0000000	271.2795180
8992	1.2980000	6.0000000	1.5000000	90.0000000	90.0000000	90.0000000	270.7538533
8993	1.2980000	7.0000000	1.5000000	90.0000000	90.0000000	90.0000000	270.3380656

8994	1.2980000	8.0000000	1.5000000	90.0000000	90.0000000	90.0000000	270.3095139
8995	1.2980000	9.0000000	1.5000000	90.0000000	90.0000000	90.0000000	270.3362458
8996	1.2980000	10.0000000	1.5000000	90.0000000	90.0000000	90.0000000	270.3592754
8997	1.2980000	0.8000000	1.6000000	90.0000000	90.0000000	90.0000000	569.4712044
8998	1.2980000	0.9000000	1.6000000	90.0000000	90.0000000	90.0000000	344.8053052
8999	1.2980000	1.0000000	1.6000000	90.0000000	90.0000000	90.0000000	249.0097716
9000	1.2980000	1.1000000	1.6000000	90.0000000	90.0000000	90.0000000	220.1638513
9001	1.2980000	1.2000000	1.6000000	90.0000000	90.0000000	90.0000000	224.3932024
9002	1.2980000	1.3000000	1.6000000	90.0000000	90.0000000	90.0000000	243.0085848
9003	1.2980000	1.4000000	1.6000000	90.0000000	90.0000000	90.0000000	265.7908182
9004	1.2980000	1.5000000	1.6000000	90.0000000	90.0000000	90.0000000	287.4717097
9005	1.2980000	1.6000000	1.6000000	90.0000000	90.0000000	90.0000000	305.7947354
9006	1.2980000	1.7000000	1.6000000	90.0000000	90.0000000	90.0000000	319.7998684
9007	1.2980000	1.8000000	1.6000000	90.0000000	90.0000000	90.0000000	329.2418151
9008	1.2980000	2.0000000	1.6000000	90.0000000	90.0000000	90.0000000	338.7349040
9009	1.2980000	2.2000000	1.6000000	90.0000000	90.0000000	90.0000000	337.3094535
9010	1.2980000	2.4000000	1.6000000	90.0000000	90.0000000	90.0000000	330.1852756
9011	1.2980000	2.6000000	1.6000000	90.0000000	90.0000000	90.0000000	321.3333132
9012	1.2980000	2.8000000	1.6000000	90.0000000	90.0000000	90.0000000	312.6229169
9013	1.2980000	3.0000000	1.6000000	90.0000000	90.0000000	90.0000000	304.7602233
9014	1.2980000	3.2000000	1.6000000	90.0000000	90.0000000	90.0000000	297.9550086
9015	1.2980000	3.4000000	1.6000000	90.0000000	90.0000000	90.0000000	292.2131086
9016	1.2980000	3.6000000	1.6000000	90.0000000	90.0000000	90.0000000	287.4584693
9017	1.2980000	3.8000000	1.6000000	90.0000000	90.0000000	90.0000000	283.5832845
9018	1.2980000	4.0000000	1.6000000	90.0000000	90.0000000	90.0000000	280.4697081
9019	1.2980000	4.4000000	1.6000000	90.0000000	90.0000000	90.0000000	276.0680428
9020	1.2980000	4.8000000	1.6000000	90.0000000	90.0000000	90.0000000	273.4305577
9021	1.2980000	5.2000000	1.6000000	90.0000000	90.0000000	90.0000000	271.9234055
9022	1.2980000	5.6000000	1.6000000	90.0000000	90.0000000	90.0000000	271.0996111
9023	1.2980000	6.0000000	1.6000000	90.0000000	90.0000000	90.0000000	270.6681356
9024	1.2980000	7.0000000	1.6000000	90.0000000	90.0000000	90.0000000	270.3285902
9025	1.2980000	8.0000000	1.6000000	90.0000000	90.0000000	90.0000000	270.3112082
9026	1.2980000	9.0000000	1.6000000	90.0000000	90.0000000	90.0000000	270.3381283
9027	1.2980000	10.0000000	1.6000000	90.0000000	90.0000000	90.0000000	270.3604676
9028	1.2980000	0.8000000	1.7000000	90.0000000	90.0000000	90.0000000	518.0642477
9029	1.2980000	0.9000000	1.7000000	90.0000000	90.0000000	90.0000000	295.2196947
9030	1.2980000	1.0000000	1.7000000	90.0000000	90.0000000	90.0000000	201.9318145
9031	1.2980000	1.1000000	1.7000000	90.0000000	90.0000000	90.0000000	176.0627992
9032	1.2980000	1.2000000	1.7000000	90.0000000	90.0000000	90.0000000	183.5492382
9033	1.2980000	1.3000000	1.7000000	90.0000000	90.0000000	90.0000000	205.5398686
9034	1.2980000	1.4000000	1.7000000	90.0000000	90.0000000	90.0000000	231.6821015
9035	1.2980000	1.5000000	1.7000000	90.0000000	90.0000000	90.0000000	256.5703822
9036	1.2980000	1.6000000	1.7000000	90.0000000	90.0000000	90.0000000	277.7731116
9037	1.2980000	1.7000000	1.7000000	90.0000000	90.0000000	90.0000000	294.5633826
9038	1.2980000	1.8000000	1.7000000	90.0000000	90.0000000	90.0000000	306.8275533
9039	1.2980000	2.0000000	1.7000000	90.0000000	90.0000000	90.0000000	319.3085912
9040	1.2980000	2.2000000	1.7000000	90.0000000	90.0000000	90.0000000	320.6392878
9041	1.2980000	2.4000000	1.7000000	90.0000000	90.0000000	90.0000000	316.2525573
9042	1.2980000	2.6000000	1.7000000	90.0000000	90.0000000	90.0000000	309.9039184
9043	1.2980000	2.8000000	1.7000000	90.0000000	90.0000000	90.0000000	303.3835930
9044	1.2980000	3.0000000	1.7000000	90.0000000	90.0000000	90.0000000	297.3854809
9045	1.2980000	3.2000000	1.7000000	90.0000000	90.0000000	90.0000000	292.1352975
9046	1.2980000	3.4000000	1.7000000	90.0000000	90.0000000	90.0000000	287.6688105
9047	1.2980000	3.6000000	1.7000000	90.0000000	90.0000000	90.0000000	283.9453575
9048	1.2980000	3.8000000	1.7000000	90.0000000	90.0000000	90.0000000	280.8937162
9049	1.2980000	4.0000000	1.7000000	90.0000000	90.0000000	90.0000000	278.4306787

9050	1.2980000	4.4000000	1.7000000	90.0000000	90.0000000	90.0000000	274.9306819
9051	1.2980000	4.8000000	1.7000000	90.0000000	90.0000000	90.0000000	272.8211833
9052	1.2980000	5.2000000	1.7000000	90.0000000	90.0000000	90.0000000	271.6092116
9053	1.2980000	5.6000000	1.7000000	90.0000000	90.0000000	90.0000000	270.9434240
9054	1.2980000	6.0000000	1.7000000	90.0000000	90.0000000	90.0000000	270.5935247
9055	1.2980000	7.0000000	1.7000000	90.0000000	90.0000000	90.0000000	270.3208718
9056	1.2980000	8.0000000	1.7000000	90.0000000	90.0000000	90.0000000	270.3132162
9057	1.2980000	9.0000000	1.7000000	90.0000000	90.0000000	90.0000000	270.3400736
9058	1.2980000	10.0000000	1.7000000	90.0000000	90.0000000	90.0000000	270.3617227
9059	1.2980000	0.8000000	1.8000000	90.0000000	90.0000000	90.0000000	479.6248999
9060	1.2980000	0.9000000	1.8000000	90.0000000	90.0000000	90.0000000	257.7235564
9061	1.2980000	1.0000000	1.8000000	90.0000000	90.0000000	90.0000000	165.9337923
9062	1.2980000	1.1000000	1.8000000	90.0000000	90.0000000	90.0000000	141.9676367
9063	1.2980000	1.2000000	1.8000000	90.0000000	90.0000000	90.0000000	151.6344201
9064	1.2980000	1.3000000	1.8000000	90.0000000	90.0000000	90.0000000	175.9710573
9065	1.2980000	1.4000000	1.8000000	90.0000000	90.0000000	90.0000000	204.5263780
9066	1.2980000	1.5000000	1.8000000	90.0000000	90.0000000	90.0000000	231.7985045
9067	1.2980000	1.6000000	1.8000000	90.0000000	90.0000000	90.0000000	255.2399994
9068	1.2980000	1.7000000	1.8000000	90.0000000	90.0000000	90.0000000	274.0320256
9069	1.2980000	1.8000000	1.8000000	90.0000000	90.0000000	90.0000000	288.1033608
9070	1.2980000	2.0000000	1.8000000	90.0000000	90.0000000	90.0000000	303.5078399
9071	1.2980000	2.2000000	1.8000000	90.0000000	90.0000000	90.0000000	307.1760092
9072	1.2980000	2.4000000	1.8000000	90.0000000	90.0000000	90.0000000	304.9608381
9073	1.2980000	2.6000000	1.8000000	90.0000000	90.0000000	90.0000000	300.5960077
9074	1.2980000	2.8000000	1.8000000	90.0000000	90.0000000	90.0000000	295.8232334
9075	1.2980000	3.0000000	1.8000000	90.0000000	90.0000000	90.0000000	291.3227354
9076	1.2980000	3.2000000	1.8000000	90.0000000	90.0000000	90.0000000	287.3292023
9077	1.2980000	3.4000000	1.8000000	90.0000000	90.0000000	90.0000000	283.8996120
9078	1.2980000	3.6000000	1.8000000	90.0000000	90.0000000	90.0000000	281.0198456
9079	1.2980000	3.8000000	1.8000000	90.0000000	90.0000000	90.0000000	278.6461655
9080	1.2980000	4.0000000	1.8000000	90.0000000	90.0000000	90.0000000	276.7215312
9081	1.2980000	4.4000000	1.8000000	90.0000000	90.0000000	90.0000000	273.9723494
9082	1.2980000	4.8000000	1.8000000	90.0000000	90.0000000	90.0000000	272.3051195
9083	1.2980000	5.2000000	1.8000000	90.0000000	90.0000000	90.0000000	271.3418298
9084	1.2980000	5.6000000	1.8000000	90.0000000	90.0000000	90.0000000	270.8099527
9085	1.2980000	6.0000000	1.8000000	90.0000000	90.0000000	90.0000000	270.5296442
9086	1.2980000	7.0000000	1.8000000	90.0000000	90.0000000	90.0000000	270.3148477
9087	1.2980000	8.0000000	1.8000000	90.0000000	90.0000000	90.0000000	270.3154125
9088	1.2980000	9.0000000	1.8000000	90.0000000	90.0000000	90.0000000	270.3420816
9089	1.2980000	10.0000000	1.8000000	90.0000000	90.0000000	90.0000000	270.3630404
9090	1.2980000	0.8000000	1.9000000	90.0000000	90.0000000	90.0000000	451.1590621
9091	1.2980000	0.9000000	1.9000000	90.0000000	90.0000000	90.0000000	229.6696158
9092	1.2980000	1.0000000	1.9000000	90.0000000	90.0000000	90.0000000	138.7279308
9093	1.2980000	1.1000000	1.9000000	90.0000000	90.0000000	90.0000000	115.9399870
9094	1.2980000	1.2000000	1.9000000	90.0000000	90.0000000	90.0000000	127.0284560
9095	1.2980000	1.3000000	1.9000000	90.0000000	90.0000000	90.0000000	152.9560178
9096	1.2980000	1.4000000	1.9000000	90.0000000	90.0000000	90.0000000	183.2049866
9097	1.2980000	1.5000000	1.9000000	90.0000000	90.0000000	90.0000000	212.2065919
9098	1.2980000	1.6000000	1.9000000	90.0000000	90.0000000	90.0000000	237.3300005
9099	1.2980000	1.7000000	1.9000000	90.0000000	90.0000000	90.0000000	257.6713476
9100	1.2980000	1.8000000	1.9000000	90.0000000	90.0000000	90.0000000	273.1574656
9101	1.2980000	2.0000000	1.9000000	90.0000000	90.0000000	90.0000000	290.9381976
9102	1.2980000	2.2000000	1.9000000	90.0000000	90.0000000	90.0000000	296.4777884
9103	1.2980000	2.4000000	1.9000000	90.0000000	90.0000000	90.0000000	295.9531906
9104	1.2980000	2.6000000	1.9000000	90.0000000	90.0000000	90.0000000	293.1321589
9105	1.2980000	2.8000000	1.9000000	90.0000000	90.0000000	90.0000000	289.7289241

9106	1.2980000	3.0000000	1.9000000	90.0000000	90.0000000	90.0000000	286.4110305
9107	1.2980000	3.2000000	1.9000000	90.0000000	90.0000000	90.0000000	283.4171828
9108	1.2980000	3.4000000	1.9000000	90.0000000	90.0000000	90.0000000	280.8184150
9109	1.2980000	3.6000000	1.9000000	90.0000000	90.0000000	90.0000000	278.6191826
9110	1.2980000	3.8000000	1.9000000	90.0000000	90.0000000	90.0000000	276.7955773
9111	1.2980000	4.0000000	1.9000000	90.0000000	90.0000000	90.0000000	275.3100742
9112	1.2980000	4.4000000	1.9000000	90.0000000	90.0000000	90.0000000	273.1766674
9113	1.2980000	4.8000000	1.9000000	90.0000000	90.0000000	90.0000000	271.8744598
9114	1.2980000	5.2000000	1.9000000	90.0000000	90.0000000	90.0000000	271.1174324
9115	1.2980000	5.6000000	1.9000000	90.0000000	90.0000000	90.0000000	270.6975030
9116	1.2980000	6.0000000	1.9000000	90.0000000	90.0000000	90.0000000	270.4759294
9117	1.2980000	7.0000000	1.9000000	90.0000000	90.0000000	90.0000000	270.3104552
9118	1.2980000	8.0000000	1.9000000	90.0000000	90.0000000	90.0000000	270.3179225
9119	1.2980000	9.0000000	1.9000000	90.0000000	90.0000000	90.0000000	270.3440897
9120	1.2980000	10.0000000	1.9000000	90.0000000	90.0000000	90.0000000	270.3643582
9121	1.2980000	0.8000000	2.0000000	90.0000000	90.0000000	90.0000000	430.2443596
9122	1.2980000	0.9000000	2.0000000	90.0000000	90.0000000	90.0000000	208.8606487
9123	1.2980000	1.0000000	2.0000000	90.0000000	90.0000000	90.0000000	118.3621736
9124	1.2980000	1.1000000	2.0000000	90.0000000	90.0000000	90.0000000	96.2789856
9125	1.2980000	1.2000000	2.0000000	90.0000000	90.0000000	90.0000000	108.2741430
9126	1.2980000	1.3000000	2.0000000	90.0000000	90.0000000	90.0000000	135.2606272
9127	1.2980000	1.4000000	2.0000000	90.0000000	90.0000000	90.0000000	166.6770773
9128	1.2980000	1.5000000	2.0000000	90.0000000	90.0000000	90.0000000	196.9102327
9129	1.2980000	1.6000000	2.0000000	90.0000000	90.0000000	90.0000000	223.2718430
9130	1.2980000	1.7000000	2.0000000	90.0000000	90.0000000	90.0000000	244.7911509
9131	1.2980000	1.8000000	2.0000000	90.0000000	90.0000000	90.0000000	261.3762890
9132	1.2980000	2.0000000	2.0000000	90.0000000	90.0000000	90.0000000	281.0608847
9133	1.2980000	2.2000000	2.0000000	90.0000000	90.0000000	90.0000000	288.0820255
9134	1.2980000	2.4000000	2.0000000	90.0000000	90.0000000	90.0000000	288.8595097
9135	1.2980000	2.6000000	2.0000000	90.0000000	90.0000000	90.0000000	287.2245966
9136	1.2980000	2.8000000	2.0000000	90.0000000	90.0000000	90.0000000	284.8802839
9137	1.2980000	3.0000000	2.0000000	90.0000000	90.0000000	90.0000000	282.4842017
9138	1.2980000	3.2000000	2.0000000	90.0000000	90.0000000	90.0000000	280.2756194
9139	1.2980000	3.4000000	2.0000000	90.0000000	90.0000000	90.0000000	278.3340423
9140	1.2980000	3.6000000	2.0000000	90.0000000	90.0000000	90.0000000	276.6765388
9141	1.2980000	3.8000000	2.0000000	90.0000000	90.0000000	90.0000000	275.2933196
9142	1.2980000	4.0000000	2.0000000	90.0000000	90.0000000	90.0000000	274.1609161
9143	1.2980000	4.4000000	2.0000000	90.0000000	90.0000000	90.0000000	272.5253126
9144	1.2980000	4.8000000	2.0000000	90.0000000	90.0000000	90.0000000	271.5198542
9145	1.2980000	5.2000000	2.0000000	90.0000000	90.0000000	90.0000000	270.9317523
9146	1.2980000	5.6000000	2.0000000	90.0000000	90.0000000	90.0000000	270.6041296
9147	1.2980000	6.0000000	2.0000000	90.0000000	90.0000000	90.0000000	270.4315645
9148	1.2980000	7.0000000	2.0000000	90.0000000	90.0000000	90.0000000	270.3076314
9149	1.2980000	8.0000000	2.0000000	90.0000000	90.0000000	90.0000000	270.3205581
9150	1.2980000	9.0000000	2.0000000	90.0000000	90.0000000	90.0000000	270.3461604
9151	1.2980000	10.0000000	2.0000000	90.0000000	90.0000000	90.0000000	270.3656760
9152	1.2980000	0.8000000	2.2000000	90.0000000	90.0000000	90.0000000	403.8992528
9153	1.2980000	0.9000000	2.2000000	90.0000000	90.0000000	90.0000000	182.3153664
9154	1.2980000	1.0000000	2.2000000	90.0000000	90.0000000	90.0000000	92.0714719
9155	1.2980000	1.1000000	2.2000000	90.0000000	90.0000000	90.0000000	70.6035570
9156	1.2980000	1.2000000	2.2000000	90.0000000	90.0000000	90.0000000	83.5043361
9157	1.2980000	1.3000000	2.2000000	90.0000000	90.0000000	90.0000000	111.6311932
9158	1.2980000	1.4000000	2.2000000	90.0000000	90.0000000	90.0000000	144.3754534
9159	1.2980000	1.5000000	2.2000000	90.0000000	90.0000000	90.0000000	176.0760397
9160	1.2980000	1.6000000	2.2000000	90.0000000	90.0000000	90.0000000	203.9796917
9161	1.2980000	1.7000000	2.2000000	90.0000000	90.0000000	90.0000000	227.0308757

9162	1.2980000	1.8000000	2.2000000	90.0000000	90.0000000	90.0000000	245.0941124
9163	1.2980000	2.0000000	2.2000000	90.0000000	90.0000000	90.0000000	267.4553498
9164	1.2980000	2.2000000	2.2000000	90.0000000	90.0000000	90.0000000	276.5465816
9165	1.2980000	2.4000000	2.2000000	90.0000000	90.0000000	90.0000000	279.0766998
9166	1.2980000	2.6000000	2.2000000	90.0000000	90.0000000	90.0000000	279.0266873
9167	1.2980000	2.8000000	2.2000000	90.0000000	90.0000000	90.0000000	278.1076997
9168	1.2980000	3.0000000	2.2000000	90.0000000	90.0000000	90.0000000	276.9652559
9169	1.2980000	3.2000000	2.2000000	90.0000000	90.0000000	90.0000000	275.8354879
9170	1.2980000	3.4000000	2.2000000	90.0000000	90.0000000	90.0000000	274.8048035
9171	1.2980000	3.6000000	2.2000000	90.0000000	90.0000000	90.0000000	273.9039509
9172	1.2980000	3.8000000	2.2000000	90.0000000	90.0000000	90.0000000	273.1397071
9173	1.2980000	4.0000000	2.2000000	90.0000000	90.0000000	90.0000000	272.5064873
9174	1.2980000	4.4000000	2.2000000	90.0000000	90.0000000	90.0000000	271.5795303
9175	1.2980000	4.8000000	2.2000000	90.0000000	90.0000000	90.0000000	271.0006528
9176	1.2980000	5.2000000	2.2000000	90.0000000	90.0000000	90.0000000	270.6579699
9177	1.2980000	5.6000000	2.2000000	90.0000000	90.0000000	90.0000000	270.4664540
9178	1.2980000	6.0000000	2.2000000	90.0000000	90.0000000	90.0000000	270.3671192
9179	1.2980000	7.0000000	2.2000000	90.0000000	90.0000000	90.0000000	270.3059371
9180	1.2980000	8.0000000	2.2000000	90.0000000	90.0000000	90.0000000	270.3262684
9181	1.2980000	9.0000000	2.2000000	90.0000000	90.0000000	90.0000000	270.3503020
9182	1.2980000	10.0000000	2.2000000	90.0000000	90.0000000	90.0000000	270.3684370
9183	1.2980000	0.8000000	2.4000000	90.0000000	90.0000000	90.0000000	390.1243531
9184	1.2980000	0.9000000	2.4000000	90.0000000	90.0000000	90.0000000	168.2019881
9185	1.2980000	1.0000000	2.4000000	90.0000000	90.0000000	90.0000000	77.8793411
9186	1.2980000	1.1000000	2.4000000	90.0000000	90.0000000	90.0000000	56.5432032
9187	1.2980000	1.2000000	2.4000000	90.0000000	90.0000000	90.0000000	69.7526542
9188	1.2980000	1.3000000	2.4000000	90.0000000	90.0000000	90.0000000	98.3399778
9189	1.2980000	1.4000000	2.4000000	90.0000000	90.0000000	90.0000000	131.6761049
9190	1.2980000	1.5000000	2.4000000	90.0000000	90.0000000	90.0000000	164.0800038
9191	1.2980000	1.6000000	2.4000000	90.0000000	90.0000000	90.0000000	192.7691722
9192	1.2980000	1.7000000	2.4000000	90.0000000	90.0000000	90.0000000	216.6440879
9193	1.2980000	1.8000000	2.4000000	90.0000000	90.0000000	90.0000000	235.5387119
9194	1.2980000	2.0000000	2.4000000	90.0000000	90.0000000	90.0000000	259.5006632
9195	1.2980000	2.2000000	2.4000000	90.0000000	90.0000000	90.0000000	269.8378150
9196	1.2980000	2.4000000	2.4000000	90.0000000	90.0000000	90.0000000	273.3733289
9197	1.2980000	2.6000000	2.4000000	90.0000000	90.0000000	90.0000000	274.2175801
9198	1.2980000	2.8000000	2.4000000	90.0000000	90.0000000	90.0000000	274.1065110
9199	1.2980000	3.0000000	2.4000000	90.0000000	90.0000000	90.0000000	273.6820635
9200	1.2980000	3.2000000	2.4000000	90.0000000	90.0000000	90.0000000	273.1767301
9201	1.2980000	3.4000000	2.4000000	90.0000000	90.0000000	90.0000000	272.6782994
9202	1.2980000	3.6000000	2.4000000	90.0000000	90.0000000	90.0000000	272.2230413
9203	1.2980000	3.8000000	2.4000000	90.0000000	90.0000000	90.0000000	271.8260160
9204	1.2980000	4.0000000	2.4000000	90.0000000	90.0000000	90.0000000	271.4910515
9205	1.2980000	4.4000000	2.4000000	90.0000000	90.0000000	90.0000000	270.9917422
9206	1.2980000	4.8000000	2.4000000	90.0000000	90.0000000	90.0000000	270.6744735
9207	1.2980000	5.2000000	2.4000000	90.0000000	90.0000000	90.0000000	270.4851538
9208	1.2980000	5.6000000	2.4000000	90.0000000	90.0000000	90.0000000	270.3805479
9209	1.2980000	6.0000000	2.4000000	90.0000000	90.0000000	90.0000000	270.3288412
9210	1.2980000	7.0000000	2.4000000	90.0000000	90.0000000	90.0000000	270.3084472
9211	1.2980000	8.0000000	2.4000000	90.0000000	90.0000000	90.0000000	270.3322297
9212	1.2980000	9.0000000	2.4000000	90.0000000	90.0000000	90.0000000	270.3545063
9213	1.2980000	10.0000000	2.4000000	90.0000000	90.0000000	90.0000000	270.3711353
9214	1.2980000	0.8000000	2.6000000	90.0000000	90.0000000	90.0000000	383.0286642
9215	1.2980000	0.9000000	2.6000000	90.0000000	90.0000000	90.0000000	160.8237944
9216	1.2980000	1.0000000	2.6000000	90.0000000	90.0000000	90.0000000	70.3629698
9217	1.2980000	1.1000000	2.6000000	90.0000000	90.0000000	90.0000000	49.0071282

9218	1.2980000	1.2000000	2.6000000	90.0000000	90.0000000	90.0000000	62.2994732
9219	1.2980000	1.3000000	2.6000000	90.0000000	90.0000000	90.0000000	91.0609307
9220	1.2980000	1.4000000	2.6000000	90.0000000	90.0000000	90.0000000	124.6541484
9221	1.2980000	1.5000000	2.6000000	90.0000000	90.0000000	90.0000000	157.3898743
9222	1.2980000	1.6000000	2.6000000	90.0000000	90.0000000	90.0000000	186.4724912
9223	1.2980000	1.7000000	2.6000000	90.0000000	90.0000000	90.0000000	210.7796354
9224	1.2980000	1.8000000	2.6000000	90.0000000	90.0000000	90.0000000	230.1276977
9225	1.2980000	2.0000000	2.6000000	90.0000000	90.0000000	90.0000000	255.0150372
9226	1.2980000	2.2000000	2.6000000	90.0000000	90.0000000	90.0000000	266.0838651
9227	1.2980000	2.4000000	2.6000000	90.0000000	90.0000000	90.0000000	270.1837610
9228	1.2980000	2.6000000	2.6000000	90.0000000	90.0000000	90.0000000	271.5180971
9229	1.2980000	2.8000000	2.6000000	90.0000000	90.0000000	90.0000000	271.8485436
9230	1.2980000	3.0000000	2.6000000	90.0000000	90.0000000	90.0000000	271.8185487
9231	1.2980000	3.2000000	2.6000000	90.0000000	90.0000000	90.0000000	271.6586593
9232	1.2980000	3.4000000	2.6000000	90.0000000	90.0000000	90.0000000	271.4567267
9233	1.2980000	3.6000000	2.6000000	90.0000000	90.0000000	90.0000000	271.2514056
9234	1.2980000	3.8000000	2.6000000	90.0000000	90.0000000	90.0000000	271.0618351
9235	1.2980000	4.0000000	2.6000000	90.0000000	90.0000000	90.0000000	270.8964862
9236	1.2980000	4.4000000	2.6000000	90.0000000	90.0000000	90.0000000	270.6437254
9237	1.2980000	4.8000000	2.6000000	90.0000000	90.0000000	90.0000000	270.4802592
9238	1.2980000	5.2000000	2.6000000	90.0000000	90.0000000	90.0000000	270.3832462
9239	1.2980000	5.6000000	2.6000000	90.0000000	90.0000000	90.0000000	270.3320415
9240	1.2980000	6.0000000	2.6000000	90.0000000	90.0000000	90.0000000	270.3099532
9241	1.2980000	7.0000000	2.6000000	90.0000000	90.0000000	90.0000000	270.3138437
9242	1.2980000	8.0000000	2.6000000	90.0000000	90.0000000	90.0000000	270.3382538
9243	1.2980000	9.0000000	2.6000000	90.0000000	90.0000000	90.0000000	270.3586479
9244	1.2980000	10.0000000	2.6000000	90.0000000	90.0000000	90.0000000	270.3738336
9245	1.2980000	0.8000000	2.8000000	90.0000000	90.0000000	90.0000000	379.4425730
9246	1.2980000	0.9000000	2.8000000	90.0000000	90.0000000	90.0000000	157.0501407
9247	1.2980000	1.0000000	2.8000000	90.0000000	90.0000000	90.0000000	66.4788117
9248	1.2980000	1.1000000	2.8000000	90.0000000	90.0000000	90.0000000	45.0757813
9249	1.2980000	1.2000000	2.8000000	90.0000000	90.0000000	90.0000000	58.3767232
9250	1.2980000	1.3000000	2.8000000	90.0000000	90.0000000	90.0000000	87.1980451
9251	1.2980000	1.4000000	2.8000000	90.0000000	90.0000000	90.0000000	120.8992571
9252	1.2980000	1.5000000	2.8000000	90.0000000	90.0000000	90.0000000	153.7882210
9253	1.2980000	1.6000000	2.8000000	90.0000000	90.0000000	90.0000000	183.0635459
9254	1.2980000	1.7000000	2.8000000	90.0000000	90.0000000	90.0000000	207.5913225
9255	1.2980000	1.8000000	2.8000000	90.0000000	90.0000000	90.0000000	227.1784660
9256	1.2980000	2.0000000	2.8000000	90.0000000	90.0000000	90.0000000	252.5819948
9257	1.2980000	2.2000000	2.8000000	90.0000000	90.0000000	90.0000000	264.0669242
9258	1.2980000	2.4000000	2.8000000	90.0000000	90.0000000	90.0000000	268.4740487
9259	1.2980000	2.6000000	2.8000000	90.0000000	90.0000000	90.0000000	270.0672952
9260	1.2980000	2.8000000	2.8000000	90.0000000	90.0000000	90.0000000	270.6291044
9261	1.2980000	3.0000000	2.8000000	90.0000000	90.0000000	90.0000000	270.8064387
9262	1.2980000	3.2000000	2.8000000	90.0000000	90.0000000	90.0000000	270.8292173
9263	1.2980000	3.4000000	2.8000000	90.0000000	90.0000000	90.0000000	270.7851660
9264	1.2980000	3.6000000	2.8000000	90.0000000	90.0000000	90.0000000	270.7140065
9265	1.2980000	3.8000000	2.8000000	90.0000000	90.0000000	90.0000000	270.6366973
9266	1.2980000	4.0000000	2.8000000	90.0000000	90.0000000	90.0000000	270.5642200
9267	1.2980000	4.4000000	2.8000000	90.0000000	90.0000000	90.0000000	270.4483818
9268	1.2980000	4.8000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3723276
9269	1.2980000	5.2000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3288412
9270	1.2980000	5.6000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3090119
9271	1.2980000	6.0000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3041801
9272	1.2980000	7.0000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3208091
9273	1.2980000	8.0000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3441524

9274	1.2980000	9.0000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3627267
9275	1.2980000	10.0000000	2.8000000	90.0000000	90.0000000	90.0000000	270.3764064
9276	1.2980000	0.8000000	3.0000000	90.0000000	90.0000000	90.0000000	377.6786439
9277	1.2980000	0.9000000	3.0000000	90.0000000	90.0000000	90.0000000	155.1768366
9278	1.2980000	1.0000000	3.0000000	90.0000000	90.0000000	90.0000000	64.5347246
9279	1.2980000	1.1000000	3.0000000	90.0000000	90.0000000	90.0000000	43.0927260
9280	1.2980000	1.2000000	3.0000000	90.0000000	90.0000000	90.0000000	56.3833138
9281	1.2980000	1.3000000	3.0000000	90.0000000	90.0000000	90.0000000	85.2211393
9282	1.2980000	1.4000000	3.0000000	90.0000000	90.0000000	90.0000000	118.9647710
9283	1.2980000	1.5000000	3.0000000	90.0000000	90.0000000	90.0000000	151.9216313
9284	1.2980000	1.6000000	3.0000000	90.0000000	90.0000000	90.0000000	181.2878823
9285	1.2980000	1.7000000	3.0000000	90.0000000	90.0000000	90.0000000	205.9237788
9286	1.2980000	1.8000000	3.0000000	90.0000000	90.0000000	90.0000000	225.6317806
9287	1.2980000	2.0000000	3.0000000	90.0000000	90.0000000	90.0000000	251.3126058
9288	1.2980000	2.2000000	3.0000000	90.0000000	90.0000000	90.0000000	263.0257604
9289	1.2980000	2.4000000	3.0000000	90.0000000	90.0000000	90.0000000	267.5943431
9290	1.2980000	2.6000000	3.0000000	90.0000000	90.0000000	90.0000000	269.3189902
9291	1.2980000	2.8000000	3.0000000	90.0000000	90.0000000	90.0000000	269.9972024
9292	1.2980000	3.0000000	3.0000000	90.0000000	90.0000000	90.0000000	270.2791425
9293	1.2980000	3.2000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3947924
9294	1.2980000	3.4000000	3.0000000	90.0000000	90.0000000	90.0000000	270.4317528
9295	1.2980000	3.6000000	3.0000000	90.0000000	90.0000000	90.0000000	270.4301212
9296	1.2980000	3.8000000	3.0000000	90.0000000	90.0000000	90.0000000	270.4117352
9297	1.2980000	4.0000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3884545
9298	1.2980000	4.4000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3465369
9299	1.2980000	4.8000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3186128
9300	1.2980000	5.2000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3049331
9301	1.2980000	5.6000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3023603
9302	1.2980000	6.0000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3066901
9303	1.2980000	7.0000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3284647
9304	1.2980000	8.0000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3498627
9305	1.2980000	9.0000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3666172
9306	1.2980000	10.0000000	3.0000000	90.0000000	90.0000000	90.0000000	270.3788537
9307	1.2980000	0.8000000	3.5000000	90.0000000	90.0000000	90.0000000	376.3540342
9308	1.2980000	0.9000000	3.5000000	90.0000000	90.0000000	90.0000000	153.7550884
9309	1.2980000	1.0000000	3.5000000	90.0000000	90.0000000	90.0000000	63.0450799
9310	1.2980000	1.1000000	3.5000000	90.0000000	90.0000000	90.0000000	41.5592183
9311	1.2980000	1.2000000	3.5000000	90.0000000	90.0000000	90.0000000	54.8276551
9312	1.2980000	1.3000000	3.5000000	90.0000000	90.0000000	90.0000000	83.6645392
9313	1.2980000	1.4000000	3.5000000	90.0000000	90.0000000	90.0000000	117.4286277
9314	1.2980000	1.5000000	3.5000000	90.0000000	90.0000000	90.0000000	150.4277822
9315	1.2980000	1.6000000	3.5000000	90.0000000	90.0000000	90.0000000	179.8572863
9316	1.2980000	1.7000000	3.5000000	90.0000000	90.0000000	90.0000000	204.5718724
9317	1.2980000	1.8000000	3.5000000	90.0000000	90.0000000	90.0000000	224.3715534
9318	1.2980000	2.0000000	3.5000000	90.0000000	90.0000000	90.0000000	250.2867534
9319	1.2980000	2.2000000	3.5000000	90.0000000	90.0000000	90.0000000	262.2012758
9320	1.2980000	2.4000000	3.5000000	90.0000000	90.0000000	90.0000000	266.9037690
9321	1.2980000	2.6000000	3.5000000	90.0000000	90.0000000	90.0000000	268.7319551
9322	1.2980000	2.8000000	3.5000000	90.0000000	90.0000000	90.0000000	269.5009052
9323	1.2980000	3.0000000	3.5000000	90.0000000	90.0000000	90.0000000	269.8650489
9324	1.2980000	3.2000000	3.5000000	90.0000000	90.0000000	90.0000000	270.0549333
9325	1.2980000	3.4000000	3.5000000	90.0000000	90.0000000	90.0000000	270.1578449
9326	1.2980000	3.6000000	3.5000000	90.0000000	90.0000000	90.0000000	270.2137559
9327	1.2980000	3.8000000	3.5000000	90.0000000	90.0000000	90.0000000	270.2447549
9328	1.2980000	4.0000000	3.5000000	90.0000000	90.0000000	90.0000000	270.2632037
9329	1.2980000	4.4000000	3.5000000	90.0000000	90.0000000	90.0000000	270.2843508

9330	1.2980000	4.8000000	3.5000000	90.0000000	90.0000000	90.0000000	270.2972147
9331	1.2980000	5.2000000	3.5000000	90.0000000	90.0000000	90.0000000	270.3076941
9332	1.2980000	5.6000000	3.5000000	90.0000000	90.0000000	90.0000000	270.3176715
9333	1.2980000	6.0000000	3.5000000	90.0000000	90.0000000	90.0000000	270.3270214
9334	1.2980000	7.0000000	3.5000000	90.0000000	90.0000000	90.0000000	270.3469762
9335	1.2980000	8.0000000	3.5000000	90.0000000	90.0000000	90.0000000	270.3630404
9336	1.2980000	9.0000000	3.5000000	90.0000000	90.0000000	90.0000000	270.3755906
9337	1.2980000	10.0000000	3.5000000	90.0000000	90.0000000	90.0000000	270.3842502
9338	1.2980000	0.8000000	4.0000000	90.0000000	90.0000000	90.0000000	389.0868289
9339	1.2980000	0.9000000	4.0000000	90.0000000	90.0000000	90.0000000	169.2988119
9340	1.2980000	1.0000000	4.0000000	90.0000000	90.0000000	90.0000000	62.8726403
9341	1.2980000	1.1000000	4.0000000	90.0000000	90.0000000	90.0000000	41.3805664
9342	1.2980000	1.2000000	4.0000000	90.0000000	90.0000000	90.0000000	54.6463049
9343	1.2980000	1.3000000	4.0000000	90.0000000	90.0000000	90.0000000	83.4835028
9344	1.2980000	1.4000000	4.0000000	90.0000000	90.0000000	90.0000000	117.2504151
9345	1.2980000	1.5000000	4.0000000	90.0000000	90.0000000	90.0000000	150.2549033
9346	1.2980000	1.6000000	4.0000000	90.0000000	90.0000000	90.0000000	179.6920002
9347	1.2980000	1.7000000	4.0000000	90.0000000	90.0000000	90.0000000	204.4151833
9348	1.2980000	1.8000000	4.0000000	90.0000000	90.0000000	90.0000000	224.2243396
9349	1.2980000	2.0000000	4.0000000	90.0000000	90.0000000	90.0000000	250.1733624
9350	1.2980000	2.2000000	4.0000000	90.0000000	90.0000000	90.0000000	262.1210800
9351	1.2980000	2.4000000	4.0000000	90.0000000	90.0000000	90.0000000	266.8436536
9352	1.2980000	2.6000000	4.0000000	90.0000000	90.0000000	90.0000000	268.6858959
9353	1.2980000	2.8000000	4.0000000	90.0000000	90.0000000	90.0000000	269.4668314
9354	1.2980000	3.0000000	4.0000000	90.0000000	90.0000000	90.0000000	269.8420193
9355	1.2980000	3.2000000	4.0000000	90.0000000	90.0000000	90.0000000	270.0420694
9356	1.2980000	3.4000000	4.0000000	90.0000000	90.0000000	90.0000000	270.1540171
9357	1.2980000	3.6000000	4.0000000	90.0000000	90.0000000	90.0000000	270.2177092
9358	1.2980000	3.8000000	4.0000000	90.0000000	90.0000000	90.0000000	270.2550460
9359	1.2980000	4.0000000	4.0000000	90.0000000	90.0000000	90.0000000	270.2784522
9360	1.2980000	4.4000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3060626
9361	1.2980000	4.8000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3216876
9362	1.2980000	5.2000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3323552
9363	1.2980000	5.6000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3408894
9364	1.2980000	6.0000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3481685
9365	1.2980000	7.0000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3626639
9366	1.2980000	8.0000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3742101
9367	1.2980000	9.0000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3827442
9368	1.2980000	10.0000000	4.0000000	90.0000000	90.0000000	90.0000000	270.3883290
9369	1.2980000	0.8000000	10.0000000	90.0000000	90.0000000	90.0000000	376.3040844
9370	1.2980000	0.9000000	10.0000000	90.0000000	90.0000000	90.0000000	153.6792226
9371	1.2980000	1.0000000	10.0000000	90.0000000	90.0000000	90.0000000	62.9593622
9372	1.2980000	1.1000000	10.0000000	90.0000000	90.0000000	90.0000000	41.4735632
9373	1.2980000	1.2000000	10.0000000	90.0000000	90.0000000	90.0000000	54.7487145
9374	1.2980000	1.3000000	10.0000000	90.0000000	90.0000000	90.0000000	83.5962661
9375	1.2980000	1.4000000	10.0000000	90.0000000	90.0000000	90.0000000	117.3725284
9376	1.2980000	1.5000000	10.0000000	90.0000000	90.0000000	90.0000000	150.3836683
9377	1.2980000	1.6000000	10.0000000	90.0000000	90.0000000	90.0000000	179.8233380
9378	1.2980000	1.7000000	10.0000000	90.0000000	90.0000000	90.0000000	204.5438855
9379	1.2980000	1.8000000	10.0000000	90.0000000	90.0000000	90.0000000	224.3461392
9380	1.2980000	2.0000000	10.0000000	90.0000000	90.0000000	90.0000000	250.2840551
9381	1.2980000	2.2000000	10.0000000	90.0000000	90.0000000	90.0000000	262.2262506
9382	1.2980000	2.4000000	10.0000000	90.0000000	90.0000000	90.0000000	266.9440550
9383	1.2980000	2.6000000	10.0000000	90.0000000	90.0000000	90.0000000	268.7819048
9384	1.2980000	2.8000000	10.0000000	90.0000000	90.0000000	90.0000000	269.5592008
9385	1.2980000	3.0000000	10.0000000	90.0000000	90.0000000	90.0000000	269.9313767

9386	1.2980000	3.2000000	10.0000000	90.0000000	90.0000000	90.0000000	270.1289166
9387	1.2980000	3.4000000	10.0000000	90.0000000	90.0000000	90.0000000	270.2385425
9388	1.2980000	3.6000000	10.0000000	90.0000000	90.0000000	90.0000000	270.2997248
9389	1.2980000	3.8000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3343633
9390	1.2980000	4.0000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3547573
9391	1.2980000	4.4000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3759671
9392	1.2980000	5.2000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3898978
9393	1.2980000	5.6000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3927216
9394	1.2980000	6.0000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3944786
9395	1.2980000	7.0000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3961102
9396	1.2980000	8.0000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3965494
9397	1.2980000	10.0000000	10.0000000	90.0000000	90.0000000	90.0000000	270.3968004
9398	1.0980000	0.8000000	1.3000000	60.0000000	60.0000000	0.0000000	1182.6730231
9399	1.0980000	0.9000000	1.3000000	60.0000000	60.0000000	0.0000000	1035.3893332
9400	1.0980000	1.0000000	1.3000000	60.0000000	60.0000000	0.0000000	1022.5706951
9401	1.0980000	1.1000000	1.3000000	60.0000000	60.0000000	0.0000000	1081.9156466
9402	1.0980000	1.2000000	1.3000000	60.0000000	60.0000000	0.0000000	1198.0629439
9403	1.0980000	1.3000000	1.3000000	60.0000000	60.0000000	0.0000000	1282.9134572
9404	1.0980000	1.4000000	1.3000000	60.0000000	60.0000000	0.0000000	1375.4232256
9405	1.0980000	1.5000000	1.3000000	60.0000000	60.0000000	0.0000000	1461.8438931
9406	1.0980000	1.6000000	1.3000000	60.0000000	60.0000000	0.0000000	1533.9505048
9407	1.0980000	1.7000000	1.3000000	60.0000000	60.0000000	0.0000000	1581.9817743
9408	1.0980000	1.8000000	1.3000000	60.0000000	60.0000000	0.0000000	1600.2888611
9409	1.0980000	2.0000000	1.3000000	60.0000000	60.0000000	0.0000000	1539.2133641
9410	1.0980000	2.2000000	1.3000000	60.0000000	60.0000000	0.0000000	1362.5772282
9411	1.0980000	2.4000000	1.3000000	60.0000000	60.0000000	0.0000000	1123.2200144
9412	1.0980000	2.6000000	1.3000000	60.0000000	60.0000000	0.0000000	879.0927246
9413	1.0980000	2.8000000	1.3000000	60.0000000	60.0000000	0.0000000	670.3141103
9414	1.0980000	3.0000000	1.3000000	60.0000000	60.0000000	0.0000000	514.3643891
9415	1.0980000	3.5000000	1.3000000	60.0000000	60.0000000	0.0000000	333.6394015
9416	1.0980000	4.0000000	1.3000000	60.0000000	60.0000000	0.0000000	326.8283510
9417	1.0980000	4.5000000	1.3000000	60.0000000	60.0000000	0.0000000	310.9342890
9418	1.0980000	5.0000000	1.3000000	60.0000000	60.0000000	0.0000000	286.5609426
9419	1.0980000	5.5000000	1.3000000	60.0000000	60.0000000	0.0000000	259.2150836
9420	1.0980000	6.0000000	1.3000000	60.0000000	60.0000000	0.0000000	243.0473021
9421	1.0980000	7.0000000	1.3000000	60.0000000	60.0000000	0.0000000	231.3835325
9422	1.0980000	8.0000000	1.3000000	60.0000000	60.0000000	0.0000000	229.1579446
9423	1.0980000	9.0000000	1.3000000	60.0000000	60.0000000	0.0000000	228.8284393
9424	1.0980000	10.0000000	1.3000000	60.0000000	60.0000000	0.0000000	228.8006407
9425	1.0980000	0.8000000	1.4000000	60.0000000	60.0000000	0.0000000	926.5711143
9426	1.0980000	0.9000000	1.4000000	60.0000000	60.0000000	0.0000000	734.4825326
9427	1.0980000	1.0000000	1.4000000	60.0000000	60.0000000	0.0000000	668.1976652
9428	1.0980000	1.1000000	1.4000000	60.0000000	60.0000000	0.0000000	670.7659486
9429	1.0980000	1.2000000	1.4000000	60.0000000	60.0000000	0.0000000	713.1503606
9430	1.0980000	1.3000000	1.4000000	60.0000000	60.0000000	0.0000000	772.5837031
9431	1.0980000	1.4000000	1.4000000	60.0000000	60.0000000	0.0000000	836.9343729
9432	1.0980000	1.5000000	1.4000000	60.0000000	60.0000000	0.0000000	897.8453935
9433	1.0980000	1.6000000	1.4000000	60.0000000	60.0000000	0.0000000	949.3294208
9434	1.0980000	1.7000000	1.4000000	60.0000000	60.0000000	0.0000000	987.0717939
9435	1.0980000	1.8000000	1.4000000	60.0000000	60.0000000	0.0000000	1008.4217370
9436	1.0980000	2.0000000	1.4000000	60.0000000	60.0000000	0.0000000	997.0688231
9437	1.0980000	2.2000000	1.4000000	60.0000000	60.0000000	0.0000000	923.3386876
9438	1.0980000	2.4000000	1.4000000	60.0000000	60.0000000	0.0000000	808.5274896
9439	1.0980000	2.6000000	1.4000000	60.0000000	60.0000000	0.0000000	677.4016039
9440	1.0980000	2.8000000	1.4000000	60.0000000	60.0000000	0.0000000	553.9491299
9441	1.0980000	3.0000000	1.4000000	60.0000000	60.0000000	0.0000000	454.2008327

9442	1.0980000	3.5000000	1.4000000	60.0000000	60.0000000	0.0000000	329.2801748
9443	1.0980000	4.0000000	1.4000000	60.0000000	60.0000000	0.0000000	321.2047177
9444	1.0980000	4.5000000	1.4000000	60.0000000	60.0000000	0.0000000	335.5863124
9445	1.0980000	5.0000000	1.4000000	60.0000000	60.0000000	0.0000000	289.6065598
9446	1.0980000	5.5000000	1.4000000	60.0000000	60.0000000	0.0000000	261.1725367
9447	1.0980000	6.0000000	1.4000000	60.0000000	60.0000000	0.0000000	244.1807724
9448	1.0980000	7.0000000	1.4000000	60.0000000	60.0000000	0.0000000	231.6717476
9449	1.0980000	8.0000000	1.4000000	60.0000000	60.0000000	0.0000000	229.2136047
9450	1.0980000	9.0000000	1.4000000	60.0000000	60.0000000	0.0000000	228.8376011
9451	1.0980000	10.0000000	1.4000000	60.0000000	60.0000000	0.0000000	228.8018329
9452	1.0980000	0.8000000	1.5000000	60.0000000	60.0000000	0.0000000	778.3920123
9453	1.0980000	0.9000000	1.5000000	60.0000000	60.0000000	0.0000000	562.8979171
9454	1.0980000	1.0000000	1.5000000	60.0000000	60.0000000	0.0000000	472.0040483
9455	1.0980000	1.1000000	1.5000000	60.0000000	60.0000000	0.0000000	450.9002144
9456	1.0980000	1.2000000	1.5000000	60.0000000	60.0000000	0.0000000	463.4008934
9457	1.0980000	1.3000000	1.5000000	60.0000000	60.0000000	0.0000000	493.7175703
9458	1.0980000	1.4000000	1.5000000	60.0000000	60.0000000	0.0000000	531.4377296
9459	1.0980000	1.5000000	1.5000000	60.0000000	60.0000000	0.0000000	569.7992035
9460	1.0980000	1.6000000	1.5000000	60.0000000	60.0000000	0.0000000	604.6852163
9461	1.0980000	1.7000000	1.5000000	60.0000000	60.0000000	0.0000000	635.2733538
9462	1.0980000	1.8000000	1.5000000	60.0000000	60.0000000	0.0000000	649.1738182
9463	1.0980000	2.0000000	1.5000000	60.0000000	60.0000000	0.0000000	656.7674358
9464	1.0980000	2.2000000	1.5000000	60.0000000	60.0000000	0.0000000	634.3731287
9465	1.0980000	2.4000000	1.5000000	60.0000000	60.0000000	0.0000000	585.1785822
9466	1.0980000	2.6000000	1.5000000	60.0000000	60.0000000	0.0000000	525.4576898
9467	1.0980000	2.8000000	1.5000000	60.0000000	60.0000000	0.0000000	457.4460795
9468	1.0980000	3.0000000	1.5000000	60.0000000	60.0000000	0.0000000	398.4434345
9469	1.0980000	3.5000000	1.5000000	60.0000000	60.0000000	0.0000000	318.4930171
9470	1.0980000	4.0000000	1.5000000	60.0000000	60.0000000	0.0000000	312.9733183
9471	1.0980000	4.5000000	1.5000000	60.0000000	60.0000000	0.0000000	320.1220317
9472	1.0980000	5.0000000	1.5000000	60.0000000	60.0000000	0.0000000	292.0690324
9473	1.0980000	5.5000000	1.5000000	60.0000000	60.0000000	0.0000000	262.7596964
9474	1.0980000	6.0000000	1.5000000	60.0000000	60.0000000	0.0000000	245.1695391
9475	1.0980000	7.0000000	1.5000000	60.0000000	60.0000000	0.0000000	231.9489812
9476	1.0980000	8.0000000	1.5000000	60.0000000	60.0000000	0.0000000	229.2704571
9477	1.0980000	9.0000000	1.5000000	60.0000000	60.0000000	0.0000000	228.8473274
9478	1.0980000	10.0000000	1.5000000	60.0000000	60.0000000	0.0000000	228.8031507
9479	1.0980000	0.8000000	1.6000000	60.0000000	60.0000000	0.0000000	699.0392977
9480	1.0980000	0.9000000	1.6000000	60.0000000	60.0000000	0.0000000	483.0932702
9481	1.0980000	1.0000000	1.6000000	60.0000000	60.0000000	0.0000000	372.1405591
9482	1.0980000	1.1000000	1.6000000	60.0000000	60.0000000	0.0000000	337.6821941
9483	1.0980000	1.2000000	1.6000000	60.0000000	60.0000000	0.0000000	333.3053783
9484	1.0980000	1.3000000	1.6000000	60.0000000	60.0000000	0.0000000	347.5558674
9485	1.0980000	1.4000000	1.6000000	60.0000000	60.0000000	0.0000000	370.4287132
9486	1.0980000	1.5000000	1.6000000	60.0000000	60.0000000	0.0000000	395.6290544
9487	1.0980000	1.6000000	1.6000000	60.0000000	60.0000000	0.0000000	419.7827099
9488	1.0980000	1.7000000	1.6000000	60.0000000	60.0000000	0.0000000	441.0250350
9489	1.0980000	1.8000000	1.6000000	60.0000000	60.0000000	0.0000000	458.3064577
9490	1.0980000	2.0000000	1.6000000	60.0000000	60.0000000	0.0000000	473.8199352
9491	1.0980000	2.2000000	1.6000000	60.0000000	60.0000000	0.0000000	480.0954064
9492	1.0980000	2.4000000	1.6000000	60.0000000	60.0000000	0.0000000	455.7326648
9493	1.0980000	2.6000000	1.6000000	60.0000000	60.0000000	0.0000000	422.4813143
9494	1.0980000	2.8000000	1.6000000	60.0000000	60.0000000	0.0000000	386.9589443
9495	1.0980000	3.0000000	1.6000000	60.0000000	60.0000000	0.0000000	354.9469877
9496	1.0980000	3.5000000	1.6000000	60.0000000	60.0000000	0.0000000	310.2101430
9497	1.0980000	4.0000000	1.6000000	60.0000000	60.0000000	0.0000000	312.4039162

9498	1.0980000	4.5000000	1.6000000	60.0000000	60.0000000	0.0000000	324.6252279
9499	1.0980000	5.0000000	1.6000000	60.0000000	60.0000000	0.0000000	293.7265987
9500	1.0980000	5.5000000	1.6000000	60.0000000	60.0000000	0.0000000	263.8844444
9501	1.0980000	6.0000000	1.6000000	60.0000000	60.0000000	0.0000000	245.9662251
9502	1.0980000	7.0000000	1.6000000	60.0000000	60.0000000	0.0000000	232.2056326
9503	1.0980000	8.0000000	1.6000000	60.0000000	60.0000000	0.0000000	229.3271211
9504	1.0980000	9.0000000	1.6000000	60.0000000	60.0000000	0.0000000	228.8574303
9505	1.0980000	10.0000000	1.6000000	60.0000000	60.0000000	0.0000000	228.8045940
9506	1.0980000	0.8000000	1.7000000	60.0000000	60.0000000	0.0000000	627.2460643
9507	1.0980000	0.9000000	1.7000000	60.0000000	60.0000000	0.0000000	414.3548784
9508	1.0980000	1.0000000	1.7000000	60.0000000	60.0000000	0.0000000	312.3378394
9509	1.0980000	1.1000000	1.7000000	60.0000000	60.0000000	0.0000000	274.9643792
9510	1.0980000	1.2000000	1.7000000	60.0000000	60.0000000	0.0000000	269.6963116
9511	1.0980000	1.3000000	1.7000000	60.0000000	60.0000000	0.0000000	280.6975567
9512	1.0980000	1.4000000	1.7000000	60.0000000	60.0000000	0.0000000	298.9993726
9513	1.0980000	1.5000000	1.7000000	60.0000000	60.0000000	0.0000000	318.7464682
9514	1.0980000	1.6000000	1.7000000	60.0000000	60.0000000	0.0000000	325.2173459
9515	1.0980000	1.7000000	1.7000000	60.0000000	60.0000000	0.0000000	338.3044952
9516	1.0980000	1.8000000	1.7000000	60.0000000	60.0000000	0.0000000	349.0574349
9517	1.0980000	2.0000000	1.7000000	60.0000000	60.0000000	0.0000000	361.6679907
9518	1.0980000	2.2000000	1.7000000	60.0000000	60.0000000	0.0000000	363.4254565
9519	1.0980000	2.4000000	1.7000000	60.0000000	60.0000000	0.0000000	354.8086219
9520	1.0980000	2.6000000	1.7000000	60.0000000	60.0000000	0.0000000	339.4980809
9521	1.0980000	2.8000000	1.7000000	60.0000000	60.0000000	0.0000000	321.8424117
9522	1.0980000	3.0000000	1.7000000	60.0000000	60.0000000	0.0000000	305.2469824
9523	1.0980000	3.5000000	1.7000000	60.0000000	60.0000000	0.0000000	303.5664493
9524	1.0980000	4.0000000	1.7000000	60.0000000	60.0000000	0.0000000	311.8267957
9525	1.0980000	4.5000000	1.7000000	60.0000000	60.0000000	0.0000000	332.5858759
9526	1.0980000	5.0000000	1.7000000	60.0000000	60.0000000	0.0000000	294.3291960
9527	1.0980000	5.5000000	1.7000000	60.0000000	60.0000000	0.0000000	264.4689695
9528	1.0980000	6.0000000	1.7000000	60.0000000	60.0000000	0.0000000	246.5291011
9529	1.0980000	7.0000000	1.7000000	60.0000000	60.0000000	0.0000000	232.4318498
9530	1.0980000	8.0000000	1.7000000	60.0000000	60.0000000	0.0000000	229.3820910
9531	1.0980000	9.0000000	1.7000000	60.0000000	60.0000000	0.0000000	228.8677215
9532	1.0980000	10.0000000	1.7000000	60.0000000	60.0000000	0.0000000	228.8061000
9533	1.0980000	0.8000000	1.8000000	60.0000000	60.0000000	0.0000000	554.5609517
9534	1.0980000	0.9000000	1.8000000	60.0000000	60.0000000	0.0000000	347.9847074
9535	1.0980000	1.0000000	1.8000000	60.0000000	60.0000000	0.0000000	257.5040536
9536	1.0980000	1.1000000	1.8000000	60.0000000	60.0000000	0.0000000	227.8781390
9537	1.0980000	1.2000000	1.8000000	60.0000000	60.0000000	0.0000000	227.9903377
9538	1.0980000	1.3000000	1.8000000	60.0000000	60.0000000	0.0000000	241.9455837
9539	1.0980000	1.4000000	1.8000000	60.0000000	60.0000000	0.0000000	254.1767473
9540	1.0980000	1.5000000	1.8000000	60.0000000	60.0000000	0.0000000	267.8024253
9541	1.0980000	1.6000000	1.8000000	60.0000000	60.0000000	0.0000000	281.4481208
9542	1.0980000	1.7000000	1.8000000	60.0000000	60.0000000	0.0000000	294.9848807
9543	1.0980000	1.8000000	1.8000000	60.0000000	60.0000000	0.0000000	306.6888737
9544	1.0980000	2.0000000	1.8000000	60.0000000	60.0000000	0.0000000	326.4527865
9545	1.0980000	2.2000000	1.8000000	60.0000000	60.0000000	0.0000000	331.4979627
9546	1.0980000	2.4000000	1.8000000	60.0000000	60.0000000	0.0000000	337.8417697
9547	1.0980000	2.6000000	1.8000000	60.0000000	60.0000000	0.0000000	329.6744829
9548	1.0980000	2.8000000	1.8000000	60.0000000	60.0000000	0.0000000	320.5723325
9549	1.0980000	3.0000000	1.8000000	60.0000000	60.0000000	0.0000000	312.7007282
9550	1.0980000	3.5000000	1.8000000	60.0000000	60.0000000	0.0000000	305.4500444
9551	1.0980000	4.0000000	1.8000000	60.0000000	60.0000000	0.0000000	316.3681446
9552	1.0980000	4.5000000	1.8000000	60.0000000	60.0000000	0.0000000	331.3838815
9553	1.0980000	5.0000000	1.8000000	60.0000000	60.0000000	0.0000000	293.6683030

9554	1.0980000	5.5000000	1.8000000	60.0000000	60.0000000	0.0000000	264.4593059
9555	1.0980000	6.0000000	1.8000000	60.0000000	60.0000000	0.0000000	246.8256621
9556	1.0980000	7.0000000	1.8000000	60.0000000	60.0000000	0.0000000	232.6184083
9557	1.0980000	8.0000000	1.8000000	60.0000000	60.0000000	0.0000000	229.4336095
9558	1.0980000	9.0000000	1.8000000	60.0000000	60.0000000	0.0000000	228.8780754
9559	1.0980000	10.0000000	1.8000000	60.0000000	60.0000000	0.0000000	228.8077315
9560	1.0980000	0.8000000	1.9000000	60.0000000	60.0000000	0.0000000	511.9738917
9561	1.0980000	0.9000000	1.9000000	60.0000000	60.0000000	0.0000000	297.8943283
9562	1.0980000	1.0000000	1.9000000	60.0000000	60.0000000	0.0000000	210.4559660
9563	1.0980000	1.1000000	1.9000000	60.0000000	60.0000000	0.0000000	186.0821803
9564	1.0980000	1.2000000	1.9000000	60.0000000	60.0000000	0.0000000	191.1464327
9565	1.0980000	1.3000000	1.9000000	60.0000000	60.0000000	0.0000000	208.6426519
9566	1.0980000	1.4000000	1.9000000	60.0000000	60.0000000	0.0000000	229.6644075
9567	1.0980000	1.5000000	1.9000000	60.0000000	60.0000000	0.0000000	248.7840564
9568	1.0980000	1.6000000	1.9000000	60.0000000	60.0000000	0.0000000	264.4615649
9569	1.0980000	1.7000000	1.9000000	60.0000000	60.0000000	0.0000000	277.4752956
9570	1.0980000	1.8000000	1.9000000	60.0000000	60.0000000	0.0000000	288.4581547
9571	1.0980000	2.0000000	1.9000000	60.0000000	60.0000000	0.0000000	305.5944343
9572	1.0980000	2.2000000	1.9000000	60.0000000	60.0000000	0.0000000	312.2652366
9573	1.0980000	2.4000000	1.9000000	60.0000000	60.0000000	0.0000000	313.3667667
9574	1.0980000	2.6000000	1.9000000	60.0000000	60.0000000	0.0000000	311.5228301
9575	1.0980000	2.8000000	1.9000000	60.0000000	60.0000000	0.0000000	308.7091404
9576	1.0980000	3.0000000	1.9000000	60.0000000	60.0000000	0.0000000	306.2479855
9577	1.0980000	3.5000000	1.9000000	60.0000000	60.0000000	0.0000000	306.8966420
9578	1.0980000	4.0000000	1.9000000	60.0000000	60.0000000	0.0000000	319.1991535
9579	1.0980000	4.5000000	1.9000000	60.0000000	60.0000000	0.0000000	330.7083675
9580	1.0980000	5.0000000	1.9000000	60.0000000	60.0000000	0.0000000	291.6624063
9581	1.0980000	5.5000000	1.9000000	60.0000000	60.0000000	0.0000000	263.8351222
9582	1.0980000	6.0000000	1.9000000	60.0000000	60.0000000	0.0000000	246.8361416
9583	1.0980000	7.0000000	1.9000000	60.0000000	60.0000000	0.0000000	232.7572134
9584	1.0980000	8.0000000	1.9000000	60.0000000	60.0000000	0.0000000	229.4799824
9585	1.0980000	9.0000000	1.9000000	60.0000000	60.0000000	0.0000000	228.8881155
9586	1.0980000	10.0000000	1.9000000	60.0000000	60.0000000	0.0000000	228.8094258
9587	1.0980000	0.8000000	2.0000000	60.0000000	60.0000000	0.0000000	470.5423904
9588	1.0980000	0.9000000	2.0000000	60.0000000	60.0000000	0.0000000	255.8002398
9589	1.0980000	1.0000000	2.0000000	60.0000000	60.0000000	0.0000000	169.8385328
9590	1.0980000	1.1000000	2.0000000	60.0000000	60.0000000	0.0000000	149.2220855
9591	1.0980000	1.2000000	2.0000000	60.0000000	60.0000000	0.0000000	159.1972271
9592	1.0980000	1.3000000	2.0000000	60.0000000	60.0000000	0.0000000	181.3130455
9593	1.0980000	1.4000000	2.0000000	60.0000000	60.0000000	0.0000000	206.3390019
9594	1.0980000	1.5000000	2.0000000	60.0000000	60.0000000	0.0000000	230.1111315
9595	1.0980000	1.6000000	2.0000000	60.0000000	60.0000000	0.0000000	250.4608872
9596	1.0980000	1.7000000	2.0000000	60.0000000	60.0000000	0.0000000	266.2382952
9597	1.0980000	1.8000000	2.0000000	60.0000000	60.0000000	0.0000000	278.3656061
9598	1.0980000	2.0000000	2.0000000	60.0000000	60.0000000	0.0000000	295.8541068
9599	1.0980000	2.2000000	2.0000000	60.0000000	60.0000000	0.0000000	307.9573213
9600	1.0980000	2.4000000	2.0000000	60.0000000	60.0000000	0.0000000	310.8134307
9601	1.0980000	2.6000000	2.0000000	60.0000000	60.0000000	0.0000000	310.9132047
9602	1.0980000	2.8000000	2.0000000	60.0000000	60.0000000	0.0000000	310.1062902
9603	1.0980000	3.0000000	2.0000000	60.0000000	60.0000000	0.0000000	309.5387079
9604	1.0980000	3.5000000	2.0000000	60.0000000	60.0000000	0.0000000	312.9920180
9605	1.0980000	4.0000000	2.0000000	60.0000000	60.0000000	0.0000000	324.6876652
9606	1.0980000	4.5000000	2.0000000	60.0000000	60.0000000	0.0000000	324.9579963
9607	1.0980000	5.0000000	2.0000000	60.0000000	60.0000000	0.0000000	288.3968469
9608	1.0980000	5.5000000	2.0000000	60.0000000	60.0000000	0.0000000	262.6151183
9609	1.0980000	6.0000000	2.0000000	60.0000000	60.0000000	0.0000000	246.5555192

9610	1.0980000	7.0000000	2.0000000	60.0000000	60.0000000	0.0000000	232.8419272
9611	1.0980000	8.0000000	2.0000000	60.0000000	60.0000000	0.0000000	229.5195783
9612	1.0980000	9.0000000	2.0000000	60.0000000	60.0000000	0.0000000	228.8977164
9613	1.0980000	10.0000000	2.0000000	60.0000000	60.0000000	0.0000000	228.8111201
9614	1.0980000	0.8000000	2.2000000	60.0000000	60.0000000	0.0000000	410.8337345
9615	1.0980000	0.9000000	2.2000000	60.0000000	60.0000000	0.0000000	193.7038476
9616	1.0980000	1.0000000	2.2000000	60.0000000	60.0000000	0.0000000	107.4280720
9617	1.0980000	1.1000000	2.2000000	60.0000000	60.0000000	0.0000000	89.1105684
9618	1.0980000	1.2000000	2.2000000	60.0000000	60.0000000	0.0000000	104.0450429
9619	1.0980000	1.3000000	2.2000000	60.0000000	60.0000000	0.0000000	132.9344496
9620	1.0980000	1.4000000	2.2000000	60.0000000	60.0000000	0.0000000	165.2840063
9621	1.0980000	1.5000000	2.2000000	60.0000000	60.0000000	0.0000000	195.8174250
9622	1.0980000	1.6000000	2.2000000	60.0000000	60.0000000	0.0000000	222.3110632
9623	1.0980000	1.7000000	2.2000000	60.0000000	60.0000000	0.0000000	244.3494470
9624	1.0980000	1.8000000	2.2000000	60.0000000	60.0000000	0.0000000	262.1508240
9625	1.0980000	2.0000000	2.2000000	60.0000000	60.0000000	0.0000000	285.3205445
9626	1.0980000	2.2000000	2.2000000	60.0000000	60.0000000	0.0000000	298.0505154
9627	1.0980000	2.4000000	2.2000000	60.0000000	60.0000000	0.0000000	306.1301392
9628	1.0980000	2.6000000	2.2000000	60.0000000	60.0000000	0.0000000	312.3533389
9629	1.0980000	2.8000000	2.2000000	60.0000000	60.0000000	0.0000000	317.9767651
9630	1.0980000	3.0000000	2.2000000	60.0000000	60.0000000	0.0000000	323.3990744
9631	1.0980000	3.5000000	2.2000000	60.0000000	60.0000000	0.0000000	335.6120403
9632	1.0980000	4.0000000	2.2000000	60.0000000	60.0000000	0.0000000	333.4030187
9633	1.0980000	4.5000000	2.2000000	60.0000000	60.0000000	0.0000000	305.9913968
9634	1.0980000	5.0000000	2.2000000	60.0000000	60.0000000	0.0000000	279.0651536
9635	1.0980000	5.5000000	2.2000000	60.0000000	60.0000000	0.0000000	258.6545295
9636	1.0980000	6.0000000	2.2000000	60.0000000	60.0000000	0.0000000	245.1808970
9637	1.0980000	7.0000000	2.2000000	60.0000000	60.0000000	0.0000000	232.8355266
9638	1.0980000	8.0000000	2.2000000	60.0000000	60.0000000	0.0000000	229.5725401
9639	1.0980000	9.0000000	2.2000000	60.0000000	60.0000000	0.0000000	228.9142199
9640	1.0980000	10.0000000	2.2000000	60.0000000	60.0000000	0.0000000	228.8143831
9641	1.0980000	0.8000000	2.4000000	60.0000000	60.0000000	0.0000000	375.1160835
9642	1.0980000	0.9000000	2.4000000	60.0000000	60.0000000	0.0000000	156.2161806
9643	1.0980000	1.0000000	2.4000000	60.0000000	60.0000000	0.0000000	68.4016891
9644	1.0980000	1.1000000	2.4000000	60.0000000	60.0000000	0.0000000	49.3989451
9645	1.0980000	1.2000000	2.4000000	60.0000000	60.0000000	0.0000000	64.6743456
9646	1.0980000	1.3000000	2.4000000	60.0000000	60.0000000	0.0000000	95.0056435
9647	1.0980000	1.4000000	2.4000000	60.0000000	60.0000000	0.0000000	129.7778887
9648	1.0980000	1.5000000	2.4000000	60.0000000	60.0000000	0.0000000	163.4105767
9649	1.0980000	1.6000000	2.4000000	60.0000000	60.0000000	0.0000000	193.2852360
9650	1.0980000	1.7000000	2.4000000	60.0000000	60.0000000	0.0000000	218.4857654
9651	1.0980000	1.8000000	2.4000000	60.0000000	60.0000000	0.0000000	239.0439171
9652	1.0980000	2.0000000	2.4000000	60.0000000	60.0000000	0.0000000	267.4283041
9653	1.0980000	2.2000000	2.4000000	60.0000000	60.0000000	0.0000000	282.5495254
9654	1.0980000	2.4000000	2.4000000	60.0000000	60.0000000	0.0000000	290.9366289
9655	1.0980000	2.6000000	2.4000000	60.0000000	60.0000000	0.0000000	296.5466263
9656	1.0980000	2.8000000	2.4000000	60.0000000	60.0000000	0.0000000	300.9501112
9657	1.0980000	3.0000000	2.4000000	60.0000000	60.0000000	0.0000000	304.5746688
9658	1.0980000	3.5000000	2.4000000	60.0000000	60.0000000	0.0000000	308.9047978
9659	1.0980000	4.0000000	2.4000000	60.0000000	60.0000000	0.0000000	301.7205046
9660	1.0980000	4.5000000	2.4000000	60.0000000	60.0000000	0.0000000	285.6324168
9661	1.0980000	5.0000000	2.4000000	60.0000000	60.0000000	0.0000000	268.0507936
9662	1.0980000	5.5000000	2.4000000	60.0000000	60.0000000	0.0000000	253.3783670
9663	1.0980000	6.0000000	2.4000000	60.0000000	60.0000000	0.0000000	242.9589487
9664	1.0980000	7.0000000	2.4000000	60.0000000	60.0000000	0.0000000	232.5988928
9665	1.0980000	8.0000000	2.4000000	60.0000000	60.0000000	0.0000000	229.5845883

9666	1.0980000	9.0000000	2.4000000	60.0000000	60.0000000	0.0000000	228.9255778
9667	1.0980000	10.0000000	2.4000000	60.0000000	60.0000000	0.0000000	228.8172697
9668	1.0980000	0.8000000	2.5000000	60.0000000	60.0000000	0.0000000	364.2553377
9669	1.0980000	0.9000000	2.5000000	60.0000000	60.0000000	0.0000000	144.1304109
9670	1.0980000	1.0000000	2.5000000	60.0000000	60.0000000	0.0000000	55.6317457
9671	1.0980000	1.1000000	2.5000000	60.0000000	60.0000000	0.0000000	36.1195269
9672	1.0980000	1.2000000	2.5000000	60.0000000	60.0000000	0.0000000	51.0907107
9673	1.0980000	1.3000000	2.5000000	60.0000000	60.0000000	0.0000000	81.3428796
9674	1.0980000	1.4000000	2.5000000	60.0000000	60.0000000	0.0000000	116.2534907
9675	1.0980000	1.5000000	2.5000000	60.0000000	60.0000000	0.0000000	150.1988040
9676	1.0980000	1.6000000	2.5000000	60.0000000	60.0000000	0.0000000	180.4895020
9677	1.0980000	1.7000000	2.5000000	60.0000000	60.0000000	0.0000000	206.1270291
9678	1.0980000	1.8000000	2.5000000	60.0000000	60.0000000	0.0000000	227.0566036
9679	1.0980000	2.0000000	2.5000000	60.0000000	60.0000000	0.0000000	255.9483320
9680	1.0980000	2.2000000	2.5000000	60.0000000	60.0000000	0.0000000	271.2816516
9681	1.0980000	2.4000000	2.5000000	60.0000000	60.0000000	0.0000000	279.5399273
9682	1.0980000	2.6000000	2.5000000	60.0000000	60.0000000	0.0000000	284.7937503
9683	1.0980000	2.8000000	2.5000000	60.0000000	60.0000000	0.0000000	288.6359281
9684	1.0980000	3.0000000	2.5000000	60.0000000	60.0000000	0.0000000	291.5054034
9685	1.0980000	3.5000000	2.5000000	60.0000000	60.0000000	0.0000000	294.0094800
9686	1.0980000	4.0000000	2.5000000	60.0000000	60.0000000	0.0000000	288.3517918
9687	1.0980000	4.5000000	2.5000000	60.0000000	60.0000000	0.0000000	276.3639136
9688	1.0980000	5.0000000	2.5000000	60.0000000	60.0000000	0.0000000	262.5994933
9689	1.0980000	5.5000000	2.5000000	60.0000000	60.0000000	0.0000000	250.5508721
9690	1.0980000	6.0000000	2.5000000	60.0000000	60.0000000	0.0000000	241.6530387
9691	1.0980000	7.0000000	2.5000000	60.0000000	60.0000000	0.0000000	232.4056199
9692	1.0980000	8.0000000	2.5000000	60.0000000	60.0000000	0.0000000	229.5743599
9693	1.0980000	9.0000000	2.5000000	60.0000000	60.0000000	0.0000000	228.9288409
9694	1.0980000	10.0000000	2.5000000	60.0000000	60.0000000	0.0000000	228.8184619
9695	1.0980000	0.8000000	2.6000000	60.0000000	60.0000000	0.0000000	356.2838966
9696	1.0980000	0.9000000	2.6000000	60.0000000	60.0000000	0.0000000	135.2057829
9697	1.0980000	1.0000000	2.6000000	60.0000000	60.0000000	0.0000000	46.1449321
9698	1.0980000	1.1000000	2.6000000	60.0000000	60.0000000	0.0000000	26.1715565
9699	1.0980000	1.2000000	2.6000000	60.0000000	60.0000000	0.0000000	40.7979865
9700	1.0980000	1.3000000	2.6000000	60.0000000	60.0000000	0.0000000	70.8312802
9701	1.0980000	1.4000000	2.6000000	60.0000000	60.0000000	0.0000000	105.6439998
9702	1.0980000	1.5000000	2.6000000	60.0000000	60.0000000	0.0000000	139.5864265
9703	1.0980000	1.6000000	2.6000000	60.0000000	60.0000000	0.0000000	169.9253174
9704	1.0980000	1.7000000	2.6000000	60.0000000	60.0000000	0.0000000	195.6089036
9705	1.0980000	1.8000000	2.6000000	60.0000000	60.0000000	0.0000000	216.5292537
9706	1.0980000	2.0000000	2.6000000	60.0000000	60.0000000	0.0000000	245.1913764
9707	1.0980000	2.2000000	2.6000000	60.0000000	60.0000000	0.0000000	260.1537123
9708	1.0980000	2.4000000	2.6000000	60.0000000	60.0000000	0.0000000	267.9595537
9709	1.0980000	2.6000000	2.6000000	60.0000000	60.0000000	0.0000000	272.7329555
9710	1.0980000	2.8000000	2.6000000	60.0000000	60.0000000	0.0000000	276.0928295
9711	1.0980000	3.0000000	2.6000000	60.0000000	60.0000000	0.0000000	278.5165221
9712	1.0980000	3.5000000	2.6000000	60.0000000	60.0000000	0.0000000	280.6551998
9713	1.0980000	4.0000000	2.6000000	60.0000000	60.0000000	0.0000000	276.7465060
9714	1.0980000	4.5000000	2.6000000	60.0000000	60.0000000	0.0000000	268.0176611
9715	1.0980000	5.0000000	2.6000000	60.0000000	60.0000000	0.0000000	257.4486445
9716	1.0980000	5.5000000	2.6000000	60.0000000	60.0000000	0.0000000	247.7468460
9717	1.0980000	6.0000000	2.6000000	60.0000000	60.0000000	0.0000000	240.2887076
9718	1.0980000	7.0000000	2.6000000	60.0000000	60.0000000	0.0000000	232.1728139
9719	1.0980000	8.0000000	2.6000000	60.0000000	60.0000000	0.0000000	229.5538403
9720	1.0980000	9.0000000	2.6000000	60.0000000	60.0000000	0.0000000	228.9303469
9721	1.0980000	10.0000000	2.6000000	60.0000000	60.0000000	0.0000000	228.8194032

9722	1.0980000	0.8000000	2.7000000	60.0000000	60.0000000	0.0000000	350.4866503
9723	1.0980000	0.9000000	2.7000000	60.0000000	60.0000000	0.0000000	128.6764213
9724	1.0980000	1.0000000	2.7000000	60.0000000	60.0000000	0.0000000	39.1732390
9725	1.0980000	1.1000000	2.7000000	60.0000000	60.0000000	0.0000000	18.8166434
9726	1.0980000	1.2000000	2.7000000	60.0000000	60.0000000	0.0000000	33.1268087
9727	1.0980000	1.3000000	2.7000000	60.0000000	60.0000000	0.0000000	62.9151227
9728	1.0980000	1.4000000	2.7000000	60.0000000	60.0000000	0.0000000	97.5502571
9729	1.0980000	1.5000000	2.7000000	60.0000000	60.0000000	0.0000000	131.3666799
9730	1.0980000	1.6000000	2.7000000	60.0000000	60.0000000	0.0000000	161.6039142
9731	1.0980000	1.7000000	2.7000000	60.0000000	60.0000000	0.0000000	187.1766195
9732	1.0980000	1.8000000	2.7000000	60.0000000	60.0000000	0.0000000	207.9439828
9733	1.0980000	2.0000000	2.7000000	60.0000000	60.0000000	0.0000000	236.1455136
9734	1.0980000	2.2000000	2.7000000	60.0000000	60.0000000	0.0000000	250.5671246
9735	1.0980000	2.4000000	2.7000000	60.0000000	60.0000000	0.0000000	257.8279740
9736	1.0980000	2.6000000	2.7000000	60.0000000	60.0000000	0.0000000	262.1004350
9737	1.0980000	2.8000000	2.7000000	60.0000000	60.0000000	0.0000000	265.0381206
9738	1.0980000	3.0000000	2.7000000	60.0000000	60.0000000	0.0000000	267.1540198
9739	1.0980000	3.5000000	2.7000000	60.0000000	60.0000000	0.0000000	269.3067537
9740	1.0980000	4.0000000	2.7000000	60.0000000	60.0000000	0.0000000	266.8798609
9741	1.0980000	4.5000000	2.7000000	60.0000000	60.0000000	0.0000000	260.6853383
9742	1.0980000	5.0000000	2.7000000	60.0000000	60.0000000	0.0000000	252.7240629
9743	1.0980000	5.5000000	2.7000000	60.0000000	60.0000000	0.0000000	245.0565246
9744	1.0980000	6.0000000	2.7000000	60.0000000	60.0000000	0.0000000	238.9160935
9745	1.0980000	7.0000000	2.7000000	60.0000000	60.0000000	0.0000000	231.9100129
9746	1.0980000	8.0000000	2.7000000	60.0000000	60.0000000	0.0000000	229.5238454
9747	1.0980000	9.0000000	2.7000000	60.0000000	60.0000000	0.0000000	228.9300331
9748	1.0980000	10.0000000	2.7000000	60.0000000	60.0000000	0.0000000	228.8201562
9749	1.0980000	0.8000000	2.8000000	60.0000000	60.0000000	0.0000000	346.3014760
9750	1.0980000	0.9000000	2.8000000	60.0000000	60.0000000	0.0000000	123.9343949
9751	1.0980000	1.0000000	2.8000000	60.0000000	60.0000000	0.0000000	34.0933616
9752	1.0980000	1.1000000	2.8000000	60.0000000	60.0000000	0.0000000	13.4338043
9753	1.0980000	1.2000000	2.8000000	60.0000000	60.0000000	0.0000000	27.4798510
9754	1.0980000	1.3000000	2.8000000	60.0000000	60.0000000	0.0000000	57.0448343
9755	1.0980000	1.4000000	2.8000000	60.0000000	60.0000000	0.0000000	91.4944769
9756	1.0980000	1.5000000	2.8000000	60.0000000	60.0000000	0.0000000	125.1535203
9757	1.0980000	1.6000000	2.8000000	60.0000000	60.0000000	0.0000000	155.2447960
9758	1.0980000	1.7000000	2.8000000	60.0000000	60.0000000	0.0000000	180.6621927
9759	1.0980000	1.8000000	2.8000000	60.0000000	60.0000000	0.0000000	201.2448799
9760	1.0980000	2.0000000	2.8000000	60.0000000	60.0000000	0.0000000	228.9727038
9761	1.0980000	2.2000000	2.8000000	60.0000000	60.0000000	0.0000000	242.8679599
9762	1.0980000	2.4000000	2.8000000	60.0000000	60.0000000	0.0000000	249.6102353
9763	1.0980000	2.6000000	2.8000000	60.0000000	60.0000000	0.0000000	253.4140095
9764	1.0980000	2.8000000	2.8000000	60.0000000	60.0000000	0.0000000	255.9681613
9765	1.0980000	3.0000000	2.8000000	60.0000000	60.0000000	0.0000000	257.8161767
9766	1.0980000	3.5000000	2.8000000	60.0000000	60.0000000	0.0000000	259.9734916
9767	1.0980000	4.0000000	2.8000000	60.0000000	60.0000000	0.0000000	258.6559100
9768	1.0980000	4.5000000	2.8000000	60.0000000	60.0000000	0.0000000	254.3830097
9769	1.0980000	5.0000000	2.8000000	60.0000000	60.0000000	0.0000000	248.5004849
9770	1.0980000	5.5000000	2.8000000	60.0000000	60.0000000	0.0000000	242.5479927
9771	1.0980000	6.0000000	2.8000000	60.0000000	60.0000000	0.0000000	237.5786198
9772	1.0980000	7.0000000	2.8000000	60.0000000	60.0000000	0.0000000	231.6271944
9773	1.0980000	8.0000000	2.8000000	60.0000000	60.0000000	0.0000000	229.4856928
9774	1.0980000	9.0000000	2.8000000	60.0000000	60.0000000	0.0000000	228.9279624
9775	1.0980000	10.0000000	2.8000000	60.0000000	60.0000000	0.0000000	228.8206582
9776	1.0980000	0.8000000	3.0000000	60.0000000	60.0000000	0.0000000	341.1577180
9777	1.0980000	0.9000000	3.0000000	60.0000000	60.0000000	0.0000000	118.0534389

9778	1.0980000	1.0000000	3.0000000	60.0000000	60.0000000	0.0000000	27.7734627
9779	1.0980000	1.1000000	3.0000000	60.0000000	60.0000000	0.0000000	6.7078441
9780	1.0980000	1.2000000	3.0000000	60.0000000	60.0000000	0.0000000	20.3840366
9781	1.0980000	1.3000000	3.0000000	60.0000000	60.0000000	0.0000000	49.6163144
9782	1.0980000	1.4000000	3.0000000	60.0000000	60.0000000	0.0000000	83.7667605
9783	1.0980000	1.5000000	3.0000000	60.0000000	60.0000000	0.0000000	117.1502018
9784	1.0980000	1.6000000	3.0000000	60.0000000	60.0000000	0.0000000	146.9727150
9785	1.0980000	1.7000000	3.0000000	60.0000000	60.0000000	0.0000000	172.1076698
9786	1.0980000	1.8000000	3.0000000	60.0000000	60.0000000	0.0000000	192.3742805
9787	1.0980000	2.0000000	3.0000000	60.0000000	60.0000000	0.0000000	219.3527326
9788	1.0980000	2.2000000	3.0000000	60.0000000	60.0000000	0.0000000	232.4273945
9789	1.0980000	2.4000000	3.0000000	60.0000000	60.0000000	0.0000000	238.3475071
9790	1.0980000	2.6000000	3.0000000	60.0000000	60.0000000	0.0000000	241.3908653
9791	1.0980000	2.8000000	3.0000000	60.0000000	60.0000000	0.0000000	243.3024474
9792	1.0980000	3.0000000	3.0000000	60.0000000	60.0000000	0.0000000	244.6726143
9793	1.0980000	3.5000000	3.0000000	60.0000000	60.0000000	0.0000000	246.5787999
9794	1.0980000	4.0000000	3.0000000	60.0000000	60.0000000	0.0000000	246.5130996
9795	1.0980000	4.5000000	3.0000000	60.0000000	60.0000000	0.0000000	244.6756891
9796	1.0980000	5.0000000	3.0000000	60.0000000	60.0000000	0.0000000	241.6473284
9797	1.0980000	5.5000000	3.0000000	60.0000000	60.0000000	0.0000000	238.2386970
9798	1.0980000	6.0000000	3.0000000	60.0000000	60.0000000	0.0000000	235.1393021
9799	1.0980000	7.0000000	3.0000000	60.0000000	60.0000000	0.0000000	231.0407240
9800	1.0980000	8.0000000	3.0000000	60.0000000	60.0000000	0.0000000	229.3908134
9801	1.0980000	9.0000000	3.0000000	60.0000000	60.0000000	0.0000000	228.9189890
9802	1.0980000	10.0000000	3.0000000	60.0000000	60.0000000	0.0000000	228.8208465
9803	1.0980000	0.8000000	3.5000000	60.0000000	60.0000000	0.0000000	336.9512083
9804	1.0980000	0.9000000	3.5000000	60.0000000	60.0000000	0.0000000	113.1281171
9805	1.0980000	1.0000000	3.5000000	60.0000000	60.0000000	0.0000000	22.4658620
9806	1.0980000	1.1000000	3.5000000	60.0000000	60.0000000	0.0000000	1.0320209
9807	1.0980000	1.2000000	3.5000000	60.0000000	60.0000000	0.0000000	14.3558040
9808	1.0980000	1.3000000	3.5000000	60.0000000	60.0000000	0.0000000	43.2514231
9809	1.0980000	1.4000000	3.5000000	60.0000000	60.0000000	0.0000000	77.0782625
9810	1.0980000	1.5000000	3.5000000	60.0000000	60.0000000	0.0000000	110.1446233
9811	1.0980000	1.6000000	3.5000000	60.0000000	60.0000000	0.0000000	139.6466047
9812	1.0980000	1.7000000	3.5000000	60.0000000	60.0000000	0.0000000	164.4448378
9813	1.0980000	1.8000000	3.5000000	60.0000000	60.0000000	0.0000000	184.3471793
9814	1.0980000	2.0000000	3.5000000	60.0000000	60.0000000	0.0000000	210.5046607
9815	1.0980000	2.2000000	3.5000000	60.0000000	60.0000000	0.0000000	222.6760855
9816	1.0980000	2.4000000	3.5000000	60.0000000	60.0000000	0.0000000	227.6514199
9817	1.0980000	2.6000000	3.5000000	60.0000000	60.0000000	0.0000000	229.7680094
9818	1.0980000	2.8000000	3.5000000	60.0000000	60.0000000	0.0000000	230.8305084
9819	1.0980000	3.0000000	3.5000000	60.0000000	60.0000000	0.0000000	231.4803572
9820	1.0980000	3.5000000	3.5000000	60.0000000	60.0000000	0.0000000	232.4071887
9821	1.0980000	4.0000000	3.5000000	60.0000000	60.0000000	0.0000000	232.8017667
9822	1.0980000	4.5000000	3.5000000	60.0000000	60.0000000	0.0000000	232.7818745
9823	1.0980000	5.0000000	3.5000000	60.0000000	60.0000000	0.0000000	232.3991565
9824	1.0980000	5.5000000	3.5000000	60.0000000	60.0000000	0.0000000	231.7676938
9825	1.0980000	6.0000000	3.5000000	60.0000000	60.0000000	0.0000000	231.0397827
9826	1.0980000	7.0000000	3.5000000	60.0000000	60.0000000	0.0000000	229.7931097
9827	1.0980000	8.0000000	3.5000000	60.0000000	60.0000000	0.0000000	229.1231179
9828	1.0980000	9.0000000	3.5000000	60.0000000	60.0000000	0.0000000	228.8786401
9829	1.0980000	10.0000000	3.5000000	60.0000000	60.0000000	0.0000000	228.8174579
9830	1.0980000	0.8000000	4.0000000	60.0000000	60.0000000	0.0000000	336.3117133
9831	1.0980000	0.9000000	4.0000000	60.0000000	60.0000000	0.0000000	112.3210143
9832	1.0980000	1.0000000	4.0000000	60.0000000	60.0000000	0.0000000	21.6050445
9833	1.0980000	1.1000000	4.0000000	60.0000000	60.0000000	0.0000000	0.1177396

9834	1.0980000	1.2000000	4.0000000	60.0000000	60.0000000	0.0000000	13.3878707
9835	1.0980000	1.3000000	4.0000000	60.0000000	60.0000000	0.0000000	42.2288336
9836	1.0980000	1.4000000	4.0000000	60.0000000	60.0000000	0.0000000	75.9987580
9837	1.0980000	1.5000000	4.0000000	60.0000000	60.0000000	0.0000000	109.0044385
9838	1.0980000	1.6000000	4.0000000	60.0000000	60.0000000	0.0000000	138.4399040
9839	1.0980000	1.7000000	4.0000000	60.0000000	60.0000000	0.0000000	163.1639654
9840	1.0980000	1.8000000	4.0000000	60.0000000	60.0000000	0.0000000	182.9834757
9841	1.0980000	2.0000000	4.0000000	60.0000000	60.0000000	0.0000000	208.9539593
9842	1.0980000	2.2000000	4.0000000	60.0000000	60.0000000	0.0000000	220.9184942
9843	1.0980000	2.4000000	4.0000000	60.0000000	60.0000000	0.0000000	225.6693685
9844	1.0980000	2.6000000	4.0000000	60.0000000	60.0000000	0.0000000	227.5515831
9845	1.0980000	2.8000000	4.0000000	60.0000000	60.0000000	0.0000000	228.3805231
9846	1.0980000	3.0000000	4.0000000	60.0000000	60.0000000	0.0000000	228.8078570
9847	1.0980000	3.5000000	4.0000000	60.0000000	60.0000000	0.0000000	229.2867095
9848	1.0980000	4.0000000	4.0000000	60.0000000	60.0000000	0.0000000	229.4791667
9849	1.0980000	4.5000000	4.0000000	60.0000000	60.0000000	0.0000000	229.5636922
9850	1.0980000	5.0000000	4.0000000	60.0000000	60.0000000	0.0000000	229.5672063
9851	1.0980000	5.5000000	4.0000000	60.0000000	60.0000000	0.0000000	229.5024473
9852	1.0980000	6.0000000	4.0000000	60.0000000	60.0000000	0.0000000	229.3894956
9853	1.0980000	7.0000000	4.0000000	60.0000000	60.0000000	0.0000000	229.1228668
9854	1.0980000	8.0000000	4.0000000	60.0000000	60.0000000	0.0000000	228.9279624
9855	1.0980000	9.0000000	4.0000000	60.0000000	60.0000000	0.0000000	228.8379148
9856	1.0980000	10.0000000	4.0000000	60.0000000	60.0000000	0.0000000	228.8122496
9857	1.0980000	0.8000000	5.0000000	60.0000000	60.0000000	0.0000000	336.2379810
9858	1.0980000	0.9000000	5.0000000	60.0000000	60.0000000	0.0000000	112.1845938
9859	1.0980000	1.0000000	5.0000000	60.0000000	60.0000000	0.0000000	21.4688749
9860	1.0980000	1.1000000	5.0000000	60.0000000	60.0000000	0.0000000	-0.0156689
9861	1.0980000	1.2000000	5.0000000	60.0000000	60.0000000	0.0000000	13.2584782
9862	1.0980000	1.3000000	5.0000000	60.0000000	60.0000000	0.0000000	42.1032690
9863	1.0980000	1.4000000	5.0000000	60.0000000	60.0000000	0.0000000	75.8752641
9864	1.0980000	1.5000000	5.0000000	60.0000000	60.0000000	0.0000000	108.8796896
9865	1.0980000	1.6000000	5.0000000	60.0000000	60.0000000	0.0000000	138.3091310
9866	1.0980000	1.7000000	5.0000000	60.0000000	60.0000000	0.0000000	163.0213325
9867	1.0980000	1.8000000	5.0000000	60.0000000	60.0000000	0.0000000	182.8233981
9868	1.0980000	2.0000000	5.0000000	60.0000000	60.0000000	0.0000000	208.7486382
9869	1.0980000	2.2000000	5.0000000	60.0000000	60.0000000	0.0000000	220.6651686
9870	1.0980000	2.4000000	5.0000000	60.0000000	60.0000000	0.0000000	225.3664696
9871	1.0980000	2.6000000	5.0000000	60.0000000	60.0000000	0.0000000	227.1958480
9872	1.0980000	2.8000000	5.0000000	60.0000000	60.0000000	0.0000000	227.9693789
9873	1.0980000	3.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.3402370
9874	1.0980000	3.5000000	5.0000000	60.0000000	60.0000000	0.0000000	228.6838612
9875	1.0980000	4.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.7689515
9876	1.0980000	4.5000000	5.0000000	60.0000000	60.0000000	0.0000000	228.7974404
9877	1.0980000	5.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.8096768
9878	1.0980000	5.5000000	5.0000000	60.0000000	60.0000000	0.0000000	228.8159519
9879	1.0980000	6.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.8187129
9880	1.0980000	7.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.8169559
9881	1.0980000	8.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.8120613
9882	1.0980000	9.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.8093631
9883	1.0980000	10.0000000	5.0000000	60.0000000	60.0000000	0.0000000	228.8104926
9884	1.0980000	0.8000000	10.0000000	60.0000000	60.0000000	0.0000000	336.2574338
9885	1.0980000	0.9000000	10.0000000	60.0000000	60.0000000	0.0000000	112.1866646
9886	1.0980000	1.0000000	10.0000000	60.0000000	60.0000000	0.0000000	21.4740833
9887	1.0980000	1.1000000	10.0000000	60.0000000	60.0000000	0.0000000	-0.0044992
9888	1.0980000	1.2000000	10.0000000	60.0000000	60.0000000	0.0000000	13.2772408
9889	1.0980000	1.3000000	10.0000000	60.0000000	60.0000000	0.0000000	42.1304401

9890	1.0980000	1.4000000	10.0000000	60.0000000	60.0000000	0.0000000	75.9106556
9891	1.0980000	1.5000000	10.0000000	60.0000000	60.0000000	0.0000000	108.9221721
9892	1.0980000	1.6000000	10.0000000	60.0000000	60.0000000	0.0000000	138.3568217
9893	1.0980000	1.7000000	10.0000000	60.0000000	60.0000000	0.0000000	163.0717844
9894	1.0980000	1.8000000	10.0000000	60.0000000	60.0000000	0.0000000	182.8743518
9895	1.0980000	2.0000000	10.0000000	60.0000000	60.0000000	0.0000000	208.7950111
9896	1.0980000	2.2000000	10.0000000	60.0000000	60.0000000	0.0000000	220.7066470
9897	1.0980000	2.4000000	10.0000000	60.0000000	60.0000000	0.0000000	225.4052497
9898	1.0980000	2.6000000	10.0000000	60.0000000	60.0000000	0.0000000	227.2328082
9899	1.0980000	2.8000000	10.0000000	60.0000000	60.0000000	0.0000000	228.0045822
9900	1.0980000	3.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.3738715
9901	1.0980000	3.5000000	10.0000000	60.0000000	60.0000000	0.0000000	228.7133542
9902	1.0980000	4.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.7939263
9903	1.0980000	4.5000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8180854
9904	1.0980000	5.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8268706
9905	1.0980000	5.5000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8310122
9906	1.0980000	6.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8333340
9907	1.0980000	7.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8349655
9908	1.0980000	8.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8353420
9909	1.0980000	9.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8354675
9910	1.0980000	10.0000000	10.0000000	60.0000000	60.0000000	0.0000000	228.8354675
9911	0.8980000	0.8000000	1.3000000	60.0000000	60.0000000	0.0000000	1288.8969483
9912	0.8980000	0.9000000	1.3000000	60.0000000	60.0000000	0.0000000	1093.5101391
9913	0.8980000	1.0000000	1.3000000	60.0000000	60.0000000	0.0000000	1029.7317705
9914	0.8980000	1.1000000	1.3000000	60.0000000	60.0000000	0.0000000	1035.5979173
9915	0.8980000	1.2000000	1.3000000	60.0000000	60.0000000	0.0000000	1075.8054613
9916	0.8980000	1.3000000	1.3000000	60.0000000	60.0000000	0.0000000	1128.8545475
9917	0.8980000	1.4000000	1.3000000	60.0000000	60.0000000	0.0000000	1175.8464102
9918	0.8980000	1.5000000	1.3000000	60.0000000	60.0000000	0.0000000	1204.4083197
9919	0.8980000	1.6000000	1.3000000	60.0000000	60.0000000	0.0000000	1225.1100455
9920	0.8980000	1.7000000	1.3000000	60.0000000	60.0000000	0.0000000	1228.4583105
9921	0.8980000	1.8000000	1.3000000	60.0000000	60.0000000	0.0000000	1215.9321547
9922	0.8980000	2.0000000	1.3000000	60.0000000	60.0000000	0.0000000	1144.7351180
9923	0.8980000	2.2000000	1.3000000	60.0000000	60.0000000	0.0000000	1026.0370574
9924	0.8980000	2.4000000	1.3000000	60.0000000	60.0000000	0.0000000	886.4411744
9925	0.8980000	2.6000000	1.3000000	60.0000000	60.0000000	0.0000000	752.5757706
9926	0.8980000	2.8000000	1.3000000	60.0000000	60.0000000	0.0000000	641.3231098
9927	0.8980000	3.0000000	1.3000000	60.0000000	60.0000000	0.0000000	558.8292084
9928	0.8980000	3.5000000	1.3000000	60.0000000	60.0000000	0.0000000	461.7930259
9929	0.8980000	4.0000000	1.3000000	60.0000000	60.0000000	0.0000000	451.5771716
9930	0.8980000	4.5000000	1.3000000	60.0000000	60.0000000	0.0000000	439.2624237
9931	0.8980000	5.0000000	1.3000000	60.0000000	60.0000000	0.0000000	396.2989209
9932	0.8980000	5.5000000	1.3000000	60.0000000	60.0000000	0.0000000	369.5898586
9933	0.8980000	6.0000000	1.3000000	60.0000000	60.0000000	0.0000000	355.6525593
9934	0.8980000	7.0000000	1.3000000	60.0000000	60.0000000	0.0000000	345.9387755
9935	0.8980000	8.0000000	1.3000000	60.0000000	60.0000000	0.0000000	344.1134131
9936	0.8980000	9.0000000	1.3000000	60.0000000	60.0000000	0.0000000	343.8434586
9937	0.8980000	10.0000000	1.3000000	60.0000000	60.0000000	0.0000000	343.8231900
9938	0.8980000	0.8000000	1.4000000	60.0000000	60.0000000	0.0000000	1080.9804064
9939	0.8980000	0.9000000	1.4000000	60.0000000	60.0000000	0.0000000	855.8764429
9940	0.8980000	1.0000000	1.4000000	60.0000000	60.0000000	0.0000000	760.5026585
9941	0.8980000	1.1000000	1.4000000	60.0000000	60.0000000	0.0000000	733.4896307
9942	0.8980000	1.2000000	1.4000000	60.0000000	60.0000000	0.0000000	743.1540923
9943	0.8980000	1.3000000	1.4000000	60.0000000	60.0000000	0.0000000	770.2407270
9944	0.8980000	1.4000000	1.4000000	60.0000000	60.0000000	0.0000000	802.9189104
9945	0.8980000	1.5000000	1.4000000	60.0000000	60.0000000	0.0000000	833.8696857

9946	0.8980000	1.6000000	1.4000000	60.0000000	60.0000000	0.0000000	857.3598125
9947	0.8980000	1.7000000	1.4000000	60.0000000	60.0000000	0.0000000	869.1736196
9948	0.8980000	1.8000000	1.4000000	60.0000000	60.0000000	0.0000000	870.0916660
9949	0.8980000	2.0000000	1.4000000	60.0000000	60.0000000	0.0000000	846.8541117
9950	0.8980000	2.2000000	1.4000000	60.0000000	60.0000000	0.0000000	817.7257494
9951	0.8980000	2.4000000	1.4000000	60.0000000	60.0000000	0.0000000	738.9817191
9952	0.8980000	2.6000000	1.4000000	60.0000000	60.0000000	0.0000000	659.9859946
9953	0.8980000	2.8000000	1.4000000	60.0000000	60.0000000	0.0000000	590.8483813
9954	0.8980000	3.0000000	1.4000000	60.0000000	60.0000000	0.0000000	537.2452043
9955	0.8980000	3.5000000	1.4000000	60.0000000	60.0000000	0.0000000	453.4886910
9956	0.8980000	4.0000000	1.4000000	60.0000000	60.0000000	0.0000000	448.3742378
9957	0.8980000	4.5000000	1.4000000	60.0000000	60.0000000	0.0000000	459.4621420
9958	0.8980000	5.0000000	1.4000000	60.0000000	60.0000000	0.0000000	396.5350526
9959	0.8980000	5.5000000	1.4000000	60.0000000	60.0000000	0.0000000	370.9536876
9960	0.8980000	6.0000000	1.4000000	60.0000000	60.0000000	0.0000000	356.4791149
9961	0.8980000	7.0000000	1.4000000	60.0000000	60.0000000	0.0000000	346.1588431
9962	0.8980000	8.0000000	1.4000000	60.0000000	60.0000000	0.0000000	344.1577781
9963	0.8980000	9.0000000	1.4000000	60.0000000	60.0000000	0.0000000	343.8514907
9964	0.8980000	10.0000000	1.4000000	60.0000000	60.0000000	0.0000000	343.8245705
9965	0.8980000	0.8000000	1.5000000	60.0000000	60.0000000	0.0000000	953.7786513
9966	0.8980000	0.9000000	1.5000000	60.0000000	60.0000000	0.0000000	719.5610538
9967	0.8980000	1.0000000	1.5000000	60.0000000	60.0000000	0.0000000	614.6289824
9968	0.8980000	1.1000000	1.5000000	60.0000000	60.0000000	0.0000000	569.5320727
9969	0.8980000	1.2000000	1.5000000	60.0000000	60.0000000	0.0000000	561.3325319
9970	0.8980000	1.3000000	1.5000000	60.0000000	60.0000000	0.0000000	572.5396002
9971	0.8980000	1.4000000	1.5000000	60.0000000	60.0000000	0.0000000	592.3672053
9972	0.8980000	1.5000000	1.5000000	60.0000000	60.0000000	0.0000000	614.2834756
9973	0.8980000	1.6000000	1.5000000	60.0000000	60.0000000	0.0000000	634.4032491
9974	0.8980000	1.7000000	1.5000000	60.0000000	60.0000000	0.0000000	651.3466325
9975	0.8980000	1.8000000	1.5000000	60.0000000	60.0000000	0.0000000	660.3896087
9976	0.8980000	2.0000000	1.5000000	60.0000000	60.0000000	0.0000000	661.6889926
9977	0.8980000	2.2000000	1.5000000	60.0000000	60.0000000	0.0000000	640.8867398
9978	0.8980000	2.4000000	1.5000000	60.0000000	60.0000000	0.0000000	616.2979693
9979	0.8980000	2.6000000	1.5000000	60.0000000	60.0000000	0.0000000	572.7071452
9980	0.8980000	2.8000000	1.5000000	60.0000000	60.0000000	0.0000000	532.4460746
9981	0.8980000	3.0000000	1.5000000	60.0000000	60.0000000	0.0000000	488.5160816
9982	0.8980000	3.5000000	1.5000000	60.0000000	60.0000000	0.0000000	446.5319327
9983	0.8980000	4.0000000	1.5000000	60.0000000	60.0000000	0.0000000	446.4093174
9984	0.8980000	4.5000000	1.5000000	60.0000000	60.0000000	0.0000000	443.1470838
9985	0.8980000	5.0000000	1.5000000	60.0000000	60.0000000	0.0000000	399.2662249
9986	0.8980000	5.5000000	1.5000000	60.0000000	60.0000000	0.0000000	371.9582049
9987	0.8980000	6.0000000	1.5000000	60.0000000	60.0000000	0.0000000	357.1691243
9988	0.8980000	7.0000000	1.5000000	60.0000000	60.0000000	0.0000000	346.3666742
9989	0.8980000	8.0000000	1.5000000	60.0000000	60.0000000	0.0000000	344.2025823
9990	0.8980000	0.8000000	1.6000000	60.0000000	60.0000000	0.0000000	848.8446345
9991	0.8980000	0.9000000	1.6000000	60.0000000	60.0000000	0.0000000	634.5752495
9992	0.8980000	1.0000000	1.6000000	60.0000000	60.0000000	0.0000000	531.1278027
9993	0.8980000	1.1000000	1.6000000	60.0000000	60.0000000	0.0000000	479.3996239
9994	0.8980000	1.2000000	1.6000000	60.0000000	60.0000000	0.0000000	459.2853097
9995	0.8980000	1.3000000	1.6000000	60.0000000	60.0000000	0.0000000	460.3279167
9996	0.8980000	1.4000000	1.6000000	60.0000000	60.0000000	0.0000000	471.8882100
9997	0.8980000	1.5000000	1.6000000	60.0000000	60.0000000	0.0000000	487.5626437
9998	0.8980000	1.6000000	1.6000000	60.0000000	60.0000000	0.0000000	503.6539946
9999	0.8980000	1.7000000	1.6000000	60.0000000	60.0000000	0.0000000	518.0655027
10000	0.8980000	1.8000000	1.6000000	60.0000000	60.0000000	0.0000000	529.6540339
10001	0.8980000	2.0000000	1.6000000	60.0000000	60.0000000	0.0000000	541.2786470

10002	0.8980000	2.2000000	1.6000000	60.0000000	60.0000000	0.0000000	537.8675682
10003	0.8980000	2.4000000	1.6000000	60.0000000	60.0000000	0.0000000	523.6016423
10004	0.8980000	2.6000000	1.6000000	60.0000000	60.0000000	0.0000000	503.8645868
10005	0.8980000	2.8000000	1.6000000	60.0000000	60.0000000	0.0000000	483.2182701
10006	0.8980000	3.0000000	1.6000000	60.0000000	60.0000000	0.0000000	465.1884169
10007	0.8980000	3.5000000	1.6000000	60.0000000	60.0000000	0.0000000	441.7764149
10008	0.8980000	4.0000000	1.6000000	60.0000000	60.0000000	0.0000000	445.6035952
10009	0.8980000	4.5000000	1.6000000	60.0000000	60.0000000	0.0000000	442.6224231
10010	0.8980000	5.0000000	1.6000000	60.0000000	60.0000000	0.0000000	399.4423667
10011	0.8980000	5.5000000	1.6000000	60.0000000	60.0000000	0.0000000	372.5443614
10012	0.8980000	6.0000000	1.6000000	60.0000000	60.0000000	0.0000000	357.6890159
10013	0.8980000	7.0000000	1.6000000	60.0000000	60.0000000	0.0000000	346.5548643
10014	0.8980000	8.0000000	1.6000000	60.0000000	60.0000000	0.0000000	344.2466962
10015	0.8980000	9.0000000	1.6000000	60.0000000	60.0000000	0.0000000	343.8686844
10016	0.8980000	10.0000000	1.6000000	60.0000000	60.0000000	0.0000000	343.8277708
10017	0.8980000	0.8000000	1.7000000	60.0000000	60.0000000	0.0000000	752.0808538
10018	0.8980000	0.9000000	1.7000000	60.0000000	60.0000000	0.0000000	537.4828421
10019	0.8980000	1.0000000	1.7000000	60.0000000	60.0000000	0.0000000	445.7609746
10020	0.8980000	1.1000000	1.7000000	60.0000000	60.0000000	0.0000000	417.1198734
10021	0.8980000	1.2000000	1.7000000	60.0000000	60.0000000	0.0000000	417.1562690
10022	0.8980000	1.3000000	1.7000000	60.0000000	60.0000000	0.0000000	415.2579273
10023	0.8980000	1.4000000	1.7000000	60.0000000	60.0000000	0.0000000	422.2746128
10024	0.8980000	1.5000000	1.7000000	60.0000000	60.0000000	0.0000000	433.7420973
10025	0.8980000	1.6000000	1.7000000	60.0000000	60.0000000	0.0000000	446.5141742
10026	0.8980000	1.7000000	1.7000000	60.0000000	60.0000000	0.0000000	458.7525542
10027	0.8980000	1.8000000	1.7000000	60.0000000	60.0000000	0.0000000	469.4177680
10028	0.8980000	2.0000000	1.7000000	60.0000000	60.0000000	0.0000000	483.9843337
10029	0.8980000	2.2000000	1.7000000	60.0000000	60.0000000	0.0000000	490.6058764
10030	0.8980000	2.4000000	1.7000000	60.0000000	60.0000000	0.0000000	499.0418000
10031	0.8980000	2.6000000	1.7000000	60.0000000	60.0000000	0.0000000	484.4884748
10032	0.8980000	2.8000000	1.7000000	60.0000000	60.0000000	0.0000000	471.7372312
10033	0.8980000	3.0000000	1.7000000	60.0000000	60.0000000	0.0000000	461.8973807
10034	0.8980000	3.5000000	1.7000000	60.0000000	60.0000000	0.0000000	453.1137541
10035	0.8980000	4.0000000	1.7000000	60.0000000	60.0000000	0.0000000	459.3073353
10036	0.8980000	4.5000000	1.7000000	60.0000000	60.0000000	0.0000000	441.5015658
10037	0.8980000	5.0000000	1.7000000	60.0000000	60.0000000	0.0000000	398.9692874
10038	0.8980000	5.5000000	1.7000000	60.0000000	60.0000000	0.0000000	372.3696001
10039	0.8980000	6.0000000	1.7000000	60.0000000	60.0000000	0.0000000	357.4028088
10040	0.8980000	7.0000000	1.7000000	60.0000000	60.0000000	0.0000000	345.8789111
10041	0.8980000	8.0000000	1.7000000	60.0000000	60.0000000	0.0000000	343.3944756
10042	0.8980000	9.0000000	1.7000000	60.0000000	60.0000000	0.0000000	342.9687732
10043	0.8980000	10.0000000	1.7000000	60.0000000	60.0000000	0.0000000	342.9165643
10044	0.8980000	0.8000000	1.8000000	60.0000000	60.0000000	0.0000000	684.2653402
10045	0.8980000	0.9000000	1.8000000	60.0000000	60.0000000	0.0000000	472.2265004
10046	0.8980000	1.0000000	1.8000000	60.0000000	60.0000000	0.0000000	381.2867606
10047	0.8980000	1.1000000	1.8000000	60.0000000	60.0000000	0.0000000	356.7731031
10048	0.8980000	1.2000000	1.8000000	60.0000000	60.0000000	0.0000000	362.2090921
10049	0.8980000	1.3000000	1.8000000	60.0000000	60.0000000	0.0000000	379.6086748
10050	0.8980000	1.4000000	1.8000000	60.0000000	60.0000000	0.0000000	389.3780560
10051	0.8980000	1.5000000	1.8000000	60.0000000	60.0000000	0.0000000	402.7135737
10052	0.8980000	1.6000000	1.8000000	60.0000000	60.0000000	0.0000000	415.5521037
10053	0.8980000	1.7000000	1.8000000	60.0000000	60.0000000	0.0000000	427.5116813
10054	0.8980000	1.8000000	1.8000000	60.0000000	60.0000000	0.0000000	438.2976279
10055	0.8980000	2.0000000	1.8000000	60.0000000	60.0000000	0.0000000	453.2759653
10056	0.8980000	2.2000000	1.8000000	60.0000000	60.0000000	0.0000000	461.0986239
10057	0.8980000	2.4000000	1.8000000	60.0000000	60.0000000	0.0000000	463.2952836

10058	0.8980000	2.6000000	1.8000000	60.0000000	60.0000000	0.0000000	461.4344670
10059	0.8980000	2.8000000	1.8000000	60.0000000	60.0000000	0.0000000	458.1092315
10060	0.8980000	3.0000000	1.8000000	60.0000000	60.0000000	0.0000000	455.1715459
10061	0.8980000	3.5000000	1.8000000	60.0000000	60.0000000	0.0000000	440.0227770
10062	0.8980000	4.0000000	1.8000000	60.0000000	60.0000000	0.0000000	447.3628807
10063	0.8980000	4.5000000	1.8000000	60.0000000	60.0000000	0.0000000	435.3416817
10064	0.8980000	5.0000000	1.8000000	60.0000000	60.0000000	0.0000000	396.9167039
10065	0.8980000	5.5000000	1.8000000	60.0000000	60.0000000	0.0000000	372.3268666
10066	0.8980000	6.0000000	1.8000000	60.0000000	60.0000000	0.0000000	358.1191109
10067	0.8980000	7.0000000	1.8000000	60.0000000	60.0000000	0.0000000	346.8437069
10068	0.8980000	8.0000000	1.8000000	60.0000000	60.0000000	0.0000000	344.3277077
10069	0.8980000	9.0000000	1.8000000	60.0000000	60.0000000	0.0000000	343.8862548
10070	0.8980000	10.0000000	1.8000000	60.0000000	60.0000000	0.0000000	343.8313476
10071	0.8980000	0.8000000	1.9000000	60.0000000	60.0000000	0.0000000	624.6192469
10072	0.8980000	0.9000000	1.9000000	60.0000000	60.0000000	0.0000000	411.5477148
10073	0.8980000	1.0000000	1.9000000	60.0000000	60.0000000	0.0000000	322.2272632
10074	0.8980000	1.1000000	1.9000000	60.0000000	60.0000000	0.0000000	300.6025338
10075	0.8980000	1.2000000	1.9000000	60.0000000	60.0000000	0.0000000	309.5572194
10076	0.8980000	1.3000000	1.9000000	60.0000000	60.0000000	0.0000000	331.2639644
10077	0.8980000	1.4000000	1.9000000	60.0000000	60.0000000	0.0000000	356.9176812
10078	0.8980000	1.5000000	1.9000000	60.0000000	60.0000000	0.0000000	380.3801349
10079	0.8980000	1.6000000	1.9000000	60.0000000	60.0000000	0.0000000	397.8452924
10080	0.8980000	1.7000000	1.9000000	60.0000000	60.0000000	0.0000000	411.4286763
10081	0.8980000	1.8000000	1.9000000	60.0000000	60.0000000	0.0000000	422.8669189
10082	0.8980000	2.0000000	1.9000000	60.0000000	60.0000000	0.0000000	441.1026580
10083	0.8980000	2.2000000	1.9000000	60.0000000	60.0000000	0.0000000	450.6028377
10084	0.8980000	2.4000000	1.9000000	60.0000000	60.0000000	0.0000000	455.8789374
10085	0.8980000	2.6000000	1.9000000	60.0000000	60.0000000	0.0000000	457.2398799
10086	0.8980000	2.8000000	1.9000000	60.0000000	60.0000000	0.0000000	456.7961051
10087	0.8980000	3.0000000	1.9000000	60.0000000	60.0000000	0.0000000	456.1829029
10088	0.8980000	3.5000000	1.9000000	60.0000000	60.0000000	0.0000000	442.4229379
10089	0.8980000	4.0000000	1.9000000	60.0000000	60.0000000	0.0000000	469.2846732
10090	0.8980000	4.5000000	1.9000000	60.0000000	60.0000000	0.0000000	430.5294371
10091	0.8980000	5.0000000	1.9000000	60.0000000	60.0000000	0.0000000	394.6178229
10092	0.8980000	5.5000000	1.9000000	60.0000000	60.0000000	0.0000000	371.0870334
10093	0.8980000	6.0000000	1.9000000	60.0000000	60.0000000	0.0000000	357.2090966
10094	0.8980000	7.0000000	1.9000000	60.0000000	60.0000000	0.0000000	345.9542122
10095	0.8980000	8.0000000	1.9000000	60.0000000	60.0000000	0.0000000	343.3868200
10096	0.8980000	9.0000000	1.9000000	60.0000000	60.0000000	0.0000000	342.2499610
10097	0.8980000	10.0000000	1.9000000	60.0000000	60.0000000	0.0000000	342.2084827
10098	0.8980000	0.8000000	2.0000000	60.0000000	60.0000000	0.0000000	580.3451905
10099	0.8980000	0.9000000	2.0000000	60.0000000	60.0000000	0.0000000	363.4806146
10100	0.8980000	1.0000000	2.0000000	60.0000000	60.0000000	0.0000000	277.7739901
10101	0.8980000	1.1000000	2.0000000	60.0000000	60.0000000	0.0000000	258.5664898
10102	0.8980000	1.2000000	2.0000000	60.0000000	60.0000000	0.0000000	271.2615085
10103	0.8980000	1.3000000	2.0000000	60.0000000	60.0000000	0.0000000	297.0640706
10104	0.8980000	1.4000000	2.0000000	60.0000000	60.0000000	0.0000000	326.2268204
10105	0.8980000	1.5000000	2.0000000	60.0000000	60.0000000	0.0000000	354.1718880
10106	0.8980000	1.6000000	2.0000000	60.0000000	60.0000000	0.0000000	379.0939288
10107	0.8980000	1.7000000	2.0000000	60.0000000	60.0000000	0.0000000	400.0605891
10108	0.8980000	1.8000000	2.0000000	60.0000000	60.0000000	0.0000000	415.0861152
10109	0.8980000	2.0000000	2.0000000	60.0000000	60.0000000	0.0000000	434.9764713
10110	0.8980000	2.2000000	2.0000000	60.0000000	60.0000000	0.0000000	448.0685152
10111	0.8980000	2.4000000	2.0000000	60.0000000	60.0000000	0.0000000	455.3815733
10112	0.8980000	2.6000000	2.0000000	60.0000000	60.0000000	0.0000000	458.7052400
10113	0.8980000	2.8000000	2.0000000	60.0000000	60.0000000	0.0000000	459.7215544

10114	0.8980000	3.0000000	2.0000000	60.0000000	60.0000000	0.0000000	460.0624175
10115	0.8980000	3.5000000	2.0000000	60.0000000	60.0000000	0.0000000	446.6633960
10116	0.8980000	4.0000000	2.0000000	60.0000000	60.0000000	0.0000000	460.2577863
10117	0.8980000	4.5000000	2.0000000	60.0000000	60.0000000	0.0000000	422.4524928
10118	0.8980000	5.0000000	2.0000000	60.0000000	60.0000000	0.0000000	391.1481411
10119	0.8980000	5.5000000	2.0000000	60.0000000	60.0000000	0.0000000	369.8382896
10120	0.8980000	6.0000000	2.0000000	60.0000000	60.0000000	0.0000000	356.8815744
10121	0.8980000	7.0000000	2.0000000	60.0000000	60.0000000	0.0000000	345.2403826
10122	0.8980000	8.0000000	2.0000000	60.0000000	60.0000000	0.0000000	343.4123721
10123	0.8980000	9.0000000	2.0000000	60.0000000	60.0000000	0.0000000	342.9469923
10124	0.8980000	10.0000000	2.0000000	60.0000000	60.0000000	0.0000000	342.8940619
10125	0.8980000	0.8000000	2.2000000	60.0000000	60.0000000	0.0000000	519.4447686
10126	0.8980000	0.9000000	2.2000000	60.0000000	60.0000000	0.0000000	301.6486548
10127	0.8980000	1.0000000	2.2000000	60.0000000	60.0000000	0.0000000	214.9420313
10128	0.8980000	1.1000000	2.2000000	60.0000000	60.0000000	0.0000000	196.5339781
10129	0.8980000	1.2000000	2.2000000	60.0000000	60.0000000	0.0000000	210.8352955
10130	0.8980000	1.3000000	2.2000000	60.0000000	60.0000000	0.0000000	239.5965647
10131	0.8980000	1.4000000	2.2000000	60.0000000	60.0000000	0.0000000	272.4058976
10132	0.8980000	1.5000000	2.2000000	60.0000000	60.0000000	0.0000000	304.0596090
10133	0.8980000	1.6000000	2.2000000	60.0000000	60.0000000	0.0000000	332.3333033
10134	0.8980000	1.7000000	2.2000000	60.0000000	60.0000000	0.0000000	356.6013537
10135	0.8980000	1.8000000	2.2000000	60.0000000	60.0000000	0.0000000	377.1592543
10136	0.8980000	2.0000000	2.2000000	60.0000000	60.0000000	0.0000000	409.0036658
10137	0.8980000	2.2000000	2.2000000	60.0000000	60.0000000	0.0000000	426.4442877
10138	0.8980000	2.4000000	2.2000000	60.0000000	60.0000000	0.0000000	435.6767091
10139	0.8980000	2.6000000	2.2000000	60.0000000	60.0000000	0.0000000	441.3974619
10140	0.8980000	2.8000000	2.2000000	60.0000000	60.0000000	0.0000000	445.1174636
10141	0.8980000	3.0000000	2.2000000	60.0000000	60.0000000	0.0000000	447.0839528
10142	0.8980000	3.5000000	2.2000000	60.0000000	60.0000000	0.0000000	448.5192552
10143	0.8980000	4.0000000	2.2000000	60.0000000	60.0000000	0.0000000	429.0104877
10144	0.8980000	4.5000000	2.2000000	60.0000000	60.0000000	0.0000000	404.3755953
10145	0.8980000	5.0000000	2.2000000	60.0000000	60.0000000	0.0000000	382.6800200
10146	0.8980000	5.5000000	2.2000000	60.0000000	60.0000000	0.0000000	366.2843897
10147	0.8980000	6.0000000	2.2000000	60.0000000	60.0000000	0.0000000	355.6221879
10148	0.8980000	7.0000000	2.2000000	60.0000000	60.0000000	0.0000000	345.9668879
10149	0.8980000	8.0000000	2.2000000	60.0000000	60.0000000	0.0000000	342.7428070
10150	0.8980000	9.0000000	2.2000000	60.0000000	60.0000000	0.0000000	342.2712963
10151	0.8980000	10.0000000	2.2000000	60.0000000	60.0000000	0.0000000	342.2136910
10152	0.8980000	0.8000000	2.4000000	60.0000000	60.0000000	0.0000000	487.8665465
10153	0.8980000	0.9000000	2.4000000	60.0000000	60.0000000	0.0000000	266.5948461
10154	0.8980000	1.0000000	2.4000000	60.0000000	60.0000000	0.0000000	178.3782464
10155	0.8980000	1.1000000	2.4000000	60.0000000	60.0000000	0.0000000	159.0731058
10156	0.8980000	1.2000000	2.4000000	60.0000000	60.0000000	0.0000000	174.1771333
10157	0.8980000	1.3000000	2.4000000	60.0000000	60.0000000	0.0000000	204.5024071
10158	0.8980000	1.4000000	2.4000000	60.0000000	60.0000000	0.0000000	239.4594539
10159	0.8980000	1.5000000	2.4000000	60.0000000	60.0000000	0.0000000	273.4746090
10160	0.8980000	1.6000000	2.4000000	60.0000000	60.0000000	0.0000000	303.9115167
10161	0.8980000	1.7000000	2.4000000	60.0000000	60.0000000	0.0000000	329.8078287
10162	0.8980000	1.8000000	2.4000000	60.0000000	60.0000000	0.0000000	351.1245137
10163	0.8980000	2.0000000	2.4000000	60.0000000	60.0000000	0.0000000	381.0537664
10164	0.8980000	2.2000000	2.4000000	60.0000000	60.0000000	0.0000000	396.9551702
10165	0.8980000	2.4000000	2.4000000	60.0000000	60.0000000	0.0000000	405.1698968
10166	0.8980000	2.6000000	2.4000000	60.0000000	60.0000000	0.0000000	409.9173196
10167	0.8980000	2.8000000	2.4000000	60.0000000	60.0000000	0.0000000	412.7941368
10168	0.8980000	3.0000000	2.4000000	60.0000000	60.0000000	0.0000000	414.2362164
10169	0.8980000	3.5000000	2.4000000	60.0000000	60.0000000	0.0000000	411.8334199

10170	0.8980000	4.0000000	2.4000000	60.0000000	60.0000000	0.0000000	401.8153566
10171	0.8980000	4.5000000	2.4000000	60.0000000	60.0000000	0.0000000	387.7630977
10172	0.8980000	5.0000000	2.4000000	60.0000000	60.0000000	0.0000000	373.8146916
10173	0.8980000	5.5000000	2.4000000	60.0000000	60.0000000	0.0000000	362.5141872
10174	0.8980000	6.0000000	2.4000000	60.0000000	60.0000000	0.0000000	354.5825929
10175	0.8980000	7.0000000	2.4000000	60.0000000	60.0000000	0.0000000	346.7214053
10176	0.8980000	8.0000000	2.4000000	60.0000000	60.0000000	0.0000000	344.4311212
10177	0.8980000	9.0000000	2.4000000	60.0000000	60.0000000	0.0000000	343.9255368
10178	0.8980000	10.0000000	2.4000000	60.0000000	60.0000000	0.0000000	343.8417643
10179	0.8980000	0.8000000	2.6000000	60.0000000	60.0000000	0.0000000	470.1579154
10180	0.8980000	0.9000000	2.6000000	60.0000000	60.0000000	0.0000000	247.5967457
10181	0.8980000	1.0000000	2.6000000	60.0000000	60.0000000	0.0000000	158.2750392
10182	0.8980000	1.1000000	2.6000000	60.0000000	60.0000000	0.0000000	138.0743797
10183	0.8980000	1.2000000	2.6000000	60.0000000	60.0000000	0.0000000	152.5136864
10184	0.8980000	1.3000000	2.6000000	60.0000000	60.0000000	0.0000000	182.4071083
10185	0.8980000	1.4000000	2.6000000	60.0000000	60.0000000	0.0000000	217.1314118
10186	0.8980000	1.5000000	2.6000000	60.0000000	60.0000000	0.0000000	251.0341799
10187	0.8980000	1.6000000	2.6000000	60.0000000	60.0000000	0.0000000	281.3683016
10188	0.8980000	1.7000000	2.6000000	60.0000000	60.0000000	0.0000000	307.0575354
10189	0.8980000	1.8000000	2.6000000	60.0000000	60.0000000	0.0000000	327.9610683
10190	0.8980000	2.0000000	2.6000000	60.0000000	60.0000000	0.0000000	356.4169287
10191	0.8980000	2.2000000	2.6000000	60.0000000	60.0000000	0.0000000	370.8868579
10192	0.8980000	2.4000000	2.6000000	60.0000000	60.0000000	0.0000000	378.0036311
10193	0.8980000	2.6000000	2.6000000	60.0000000	60.0000000	0.0000000	381.9753895
10194	0.8980000	2.8000000	2.6000000	60.0000000	60.0000000	0.0000000	384.4514792
10195	0.8980000	3.0000000	2.6000000	60.0000000	60.0000000	0.0000000	385.9465832
10196	0.8980000	3.5000000	2.6000000	60.0000000	60.0000000	0.0000000	386.0447257
10197	0.8980000	4.0000000	2.6000000	60.0000000	60.0000000	0.0000000	381.5249005
10198	0.8980000	4.5000000	2.6000000	60.0000000	60.0000000	0.0000000	373.9673647
10199	0.8980000	5.0000000	2.6000000	60.0000000	60.0000000	0.0000000	365.5700956
10200	0.8980000	5.5000000	2.6000000	60.0000000	60.0000000	0.0000000	358.1232524
10201	0.8980000	6.0000000	2.6000000	60.0000000	60.0000000	0.0000000	352.4806873
10202	0.8980000	7.0000000	2.6000000	60.0000000	60.0000000	0.0000000	346.3737023
10203	0.8980000	8.0000000	2.6000000	60.0000000	60.0000000	0.0000000	344.4031343
10204	0.8980000	9.0000000	2.6000000	60.0000000	60.0000000	0.0000000	343.9293019
10205	0.8980000	10.0000000	2.6000000	60.0000000	60.0000000	0.0000000	343.8442116
10206	0.8980000	0.8000000	2.8000000	60.0000000	60.0000000	0.0000000	460.8953735
10207	0.8980000	0.9000000	2.8000000	60.0000000	60.0000000	0.0000000	237.5943703
10208	0.8980000	1.0000000	2.8000000	60.0000000	60.0000000	0.0000000	147.6041151
10209	0.8980000	1.1000000	2.8000000	60.0000000	60.0000000	0.0000000	126.8083256
10210	0.8980000	1.2000000	2.8000000	60.0000000	60.0000000	0.0000000	140.7323216
10211	0.8980000	1.3000000	2.8000000	60.0000000	60.0000000	0.0000000	170.1910049
10212	0.8980000	1.4000000	2.8000000	60.0000000	60.0000000	0.0000000	204.5503488
10213	0.8980000	1.5000000	2.8000000	60.0000000	60.0000000	0.0000000	238.1324596
10214	0.8980000	1.6000000	2.8000000	60.0000000	60.0000000	0.0000000	268.1525129
10215	0.8980000	1.7000000	2.8000000	60.0000000	60.0000000	0.0000000	293.4929142
10216	0.8980000	1.8000000	2.8000000	60.0000000	60.0000000	0.0000000	313.9773962
10217	0.8980000	2.0000000	2.8000000	60.0000000	60.0000000	0.0000000	341.3898338
10218	0.8980000	2.2000000	2.8000000	60.0000000	60.0000000	0.0000000	354.8298317
10219	0.8980000	2.4000000	2.8000000	60.0000000	60.0000000	0.0000000	361.0546002
10220	0.8980000	2.6000000	2.8000000	60.0000000	60.0000000	0.0000000	364.3223558
10221	0.8980000	2.8000000	2.8000000	60.0000000	60.0000000	0.0000000	366.3402380
10222	0.8980000	3.0000000	2.8000000	60.0000000	60.0000000	0.0000000	367.6713111
10223	0.8980000	3.5000000	2.8000000	60.0000000	60.0000000	0.0000000	368.7956826
10224	0.8980000	4.0000000	2.8000000	60.0000000	60.0000000	0.0000000	367.1528000
10225	0.8980000	4.5000000	2.8000000	60.0000000	60.0000000	0.0000000	363.4320453

10226	0.8980000	5.0000000	2.8000000	60.0000000	60.0000000	0.0000000	358.7335054
10227	0.8980000	5.5000000	2.8000000	60.0000000	60.0000000	0.0000000	354.1558238
10228	0.8980000	6.0000000	2.8000000	60.0000000	60.0000000	0.0000000	350.4013719
10229	0.8980000	7.0000000	2.8000000	60.0000000	60.0000000	0.0000000	345.9465566
10230	0.8980000	8.0000000	2.8000000	60.0000000	60.0000000	0.0000000	344.3477880
10231	0.8980000	9.0000000	2.8000000	60.0000000	60.0000000	0.0000000	343.9274821
10232	0.8980000	10.0000000	2.8000000	60.0000000	60.0000000	0.0000000	343.8457804
10233	0.8980000	0.8000000	3.0000000	60.0000000	60.0000000	0.0000000	456.1274938
10234	0.8980000	0.9000000	3.0000000	60.0000000	60.0000000	0.0000000	232.4295280
10235	0.8980000	1.0000000	3.0000000	60.0000000	60.0000000	0.0000000	142.0696070
10236	0.8980000	1.1000000	3.0000000	60.0000000	60.0000000	0.0000000	120.9298796
10237	0.8980000	1.2000000	3.0000000	60.0000000	60.0000000	0.0000000	134.5378618
10238	0.8980000	1.3000000	3.0000000	60.0000000	60.0000000	0.0000000	163.7083300
10239	0.8980000	1.4000000	3.0000000	60.0000000	60.0000000	0.0000000	197.8034297
10240	0.8980000	1.5000000	3.0000000	60.0000000	60.0000000	0.0000000	231.1362937
10241	0.8980000	1.6000000	3.0000000	60.0000000	60.0000000	0.0000000	260.9089827
10242	0.8980000	1.7000000	3.0000000	60.0000000	60.0000000	0.0000000	285.9893441
10243	0.8980000	1.8000000	3.0000000	60.0000000	60.0000000	0.0000000	306.1878073
10244	0.8980000	2.0000000	3.0000000	60.0000000	60.0000000	0.0000000	332.9492666
10245	0.8980000	2.2000000	3.0000000	60.0000000	60.0000000	0.0000000	345.7229749
10246	0.8980000	2.4000000	3.0000000	60.0000000	60.0000000	0.0000000	351.3173475
10247	0.8980000	2.6000000	3.0000000	60.0000000	60.0000000	0.0000000	354.0337104
10248	0.8980000	2.8000000	3.0000000	60.0000000	60.0000000	0.0000000	355.6242587
10249	0.8980000	3.0000000	3.0000000	60.0000000	60.0000000	0.0000000	356.6873852
10250	0.8980000	3.5000000	3.0000000	60.0000000	60.0000000	0.0000000	357.9660613
10251	0.8980000	4.0000000	3.0000000	60.0000000	60.0000000	0.0000000	357.6302810
10252	0.8980000	4.5000000	3.0000000	60.0000000	60.0000000	0.0000000	355.9858297
10253	0.8980000	5.0000000	3.0000000	60.0000000	60.0000000	0.0000000	353.5409901
10254	0.8980000	5.5000000	3.0000000	60.0000000	60.0000000	0.0000000	350.9041325
10255	0.8980000	6.0000000	3.0000000	60.0000000	60.0000000	0.0000000	348.5577490
10256	0.8980000	7.0000000	3.0000000	60.0000000	60.0000000	0.0000000	345.4984521
10257	0.8980000	8.0000000	3.0000000	60.0000000	60.0000000	0.0000000	344.2735536
10258	0.8980000	9.0000000	3.0000000	60.0000000	60.0000000	0.0000000	343.9205168
10259	0.8980000	10.0000000	3.0000000	60.0000000	60.0000000	0.0000000	343.8464706
10260	0.8980000	0.8000000	3.5000000	60.0000000	60.0000000	0.0000000	452.0176205
10261	0.8980000	0.9000000	3.5000000	60.0000000	60.0000000	0.0000000	228.1238090
10262	0.8980000	1.0000000	3.5000000	60.0000000	60.0000000	0.0000000	137.4501332
10263	0.8980000	1.1000000	3.5000000	60.0000000	60.0000000	0.0000000	116.0063147
10264	0.8980000	1.2000000	3.5000000	60.0000000	60.0000000	0.0000000	129.3216266
10265	0.8980000	1.3000000	3.5000000	60.0000000	60.0000000	0.0000000	158.2107194
10266	0.8980000	1.4000000	3.5000000	60.0000000	60.0000000	0.0000000	192.0331664
10267	0.8980000	1.5000000	3.5000000	60.0000000	60.0000000	0.0000000	225.0970170
10268	0.8980000	1.6000000	3.5000000	60.0000000	60.0000000	0.0000000	254.5968022
10269	0.8980000	1.7000000	3.5000000	60.0000000	60.0000000	0.0000000	279.3923997
10270	0.8980000	1.8000000	3.5000000	60.0000000	60.0000000	0.0000000	299.2868347
10271	0.8980000	2.0000000	3.5000000	60.0000000	60.0000000	0.0000000	325.3800591
10272	0.8980000	2.2000000	3.5000000	60.0000000	60.0000000	0.0000000	337.4481958
10273	0.8980000	2.4000000	3.5000000	60.0000000	60.0000000	0.0000000	342.3249484
10274	0.8980000	2.6000000	3.5000000	60.0000000	60.0000000	0.0000000	344.3542513
10275	0.8980000	2.8000000	3.5000000	60.0000000	60.0000000	0.0000000	345.3363037
10276	0.8980000	3.0000000	3.5000000	60.0000000	60.0000000	0.0000000	345.9099728
10277	0.8980000	3.5000000	3.5000000	60.0000000	60.0000000	0.0000000	346.6664983
10278	0.8980000	4.0000000	3.5000000	60.0000000	60.0000000	0.0000000	346.9419122
10279	0.8980000	4.5000000	3.5000000	60.0000000	60.0000000	0.0000000	346.8841812
10280	0.8980000	5.0000000	3.5000000	60.0000000	60.0000000	0.0000000	346.5563703
10281	0.8980000	5.5000000	3.5000000	60.0000000	60.0000000	0.0000000	346.0556177

10282	0.8980000	6.0000000	3.5000000	60.0000000	60.0000000	0.0000000	345.4978873
10283	0.8980000	7.0000000	3.5000000	60.0000000	60.0000000	0.0000000	344.5655338
10284	0.8980000	8.0000000	3.5000000	60.0000000	60.0000000	0.0000000	344.0701778
10285	0.8980000	9.0000000	3.5000000	60.0000000	60.0000000	0.0000000	343.8898316
10286	0.8980000	10.0000000	3.5000000	60.0000000	60.0000000	0.0000000	343.8445253
10287	0.8980000	0.8000000	4.0000000	60.0000000	60.0000000	0.0000000	451.4703067
10288	0.8980000	0.9000000	4.0000000	60.0000000	60.0000000	0.0000000	227.3983453
10289	0.8980000	1.0000000	4.0000000	60.0000000	60.0000000	0.0000000	136.6840697
10290	0.8980000	1.1000000	4.0000000	60.0000000	60.0000000	0.0000000	115.1994631
10291	0.8980000	1.2000000	4.0000000	60.0000000	60.0000000	0.0000000	128.4736102
10292	0.8980000	1.3000000	4.0000000	60.0000000	60.0000000	0.0000000	157.3202835
10293	0.8980000	1.4000000	4.0000000	60.0000000	60.0000000	0.0000000	191.0979889
10294	0.8980000	1.5000000	4.0000000	60.0000000	60.0000000	0.0000000	224.1132705
10295	0.8980000	1.6000000	4.0000000	60.0000000	60.0000000	0.0000000	253.5592152
10296	0.8980000	1.7000000	4.0000000	60.0000000	60.0000000	0.0000000	278.2945719
10297	0.8980000	1.8000000	4.0000000	60.0000000	60.0000000	0.0000000	298.1223026
10298	0.8980000	2.0000000	4.0000000	60.0000000	60.0000000	0.0000000	324.0661798
10299	0.8980000	2.2000000	4.0000000	60.0000000	60.0000000	0.0000000	335.9748036
10300	0.8980000	2.4000000	4.0000000	60.0000000	60.0000000	0.0000000	340.6809991
10301	0.8980000	2.6000000	4.0000000	60.0000000	60.0000000	0.0000000	342.5330933
10302	0.8980000	2.8000000	4.0000000	60.0000000	60.0000000	0.0000000	343.3400705
10303	0.8980000	3.0000000	4.0000000	60.0000000	60.0000000	0.0000000	343.7496460
10304	0.8980000	3.5000000	4.0000000	60.0000000	60.0000000	0.0000000	344.1914126
10305	0.8980000	4.0000000	4.0000000	60.0000000	60.0000000	0.0000000	344.3534355
10306	0.8980000	4.5000000	4.0000000	60.0000000	60.0000000	0.0000000	344.4175671
10307	0.8980000	5.0000000	4.0000000	60.0000000	60.0000000	0.0000000	344.4154335
10308	0.8980000	5.5000000	4.0000000	60.0000000	60.0000000	0.0000000	344.3615304
10309	0.8980000	6.0000000	4.0000000	60.0000000	60.0000000	0.0000000	344.2728634
10310	0.8980000	7.0000000	4.0000000	60.0000000	60.0000000	0.0000000	344.0701150
10311	0.8980000	8.0000000	4.0000000	60.0000000	60.0000000	0.0000000	343.9253486
10312	0.8980000	9.0000000	4.0000000	60.0000000	60.0000000	0.0000000	343.8595856
10313	0.8980000	10.0000000	4.0000000	60.0000000	60.0000000	0.0000000	343.8405720
10314	0.8980000	0.8000000	10.0000000	60.0000000	60.0000000	0.0000000	451.3310624
10315	0.8980000	0.9000000	10.0000000	60.0000000	60.0000000	0.0000000	227.2466763
10316	0.8980000	1.0000000	10.0000000	60.0000000	60.0000000	0.0000000	136.5386757
10317	0.8980000	1.1000000	10.0000000	60.0000000	60.0000000	0.0000000	115.0653643
10318	0.8980000	1.2000000	10.0000000	60.0000000	60.0000000	0.0000000	128.3536305
10319	0.8980000	1.3000000	10.0000000	60.0000000	60.0000000	0.0000000	157.2151130
10320	0.8980000	1.4000000	10.0000000	60.0000000	60.0000000	0.0000000	191.0056824
10321	0.8980000	1.5000000	10.0000000	60.0000000	60.0000000	0.0000000	224.0294351
10322	0.8980000	1.6000000	10.0000000	60.0000000	60.0000000	0.0000000	253.4773881
10323	0.8980000	1.7000000	10.0000000	60.0000000	60.0000000	0.0000000	278.2072226
10324	0.8980000	1.8000000	10.0000000	60.0000000	60.0000000	0.0000000	298.0224658
10325	0.8980000	2.0000000	10.0000000	60.0000000	60.0000000	0.0000000	323.9266844
10326	0.8980000	2.2000000	10.0000000	60.0000000	60.0000000	0.0000000	335.7955868
10327	0.8980000	2.4000000	10.0000000	60.0000000	60.0000000	0.0000000	340.4640064
10328	0.8980000	2.6000000	10.0000000	60.0000000	60.0000000	0.0000000	342.2752496
10329	0.8980000	2.8000000	10.0000000	60.0000000	60.0000000	0.0000000	343.0386149
10330	0.8980000	3.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.4034490
10331	0.8980000	3.5000000	10.0000000	60.0000000	60.0000000	0.0000000	343.7388527
10332	0.8980000	4.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8186092
10333	0.8980000	4.5000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8425801
10334	0.8980000	5.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8513652
10335	0.8980000	5.5000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8555067
10336	0.8980000	6.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8578285
10337	0.8980000	7.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8594600

10338	0.8980000	8.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8598366
10339	0.8980000	9.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8599621
10340	0.8980000	10.0000000	10.0000000	60.0000000	60.0000000	0.0000000	343.8600248
10341	1.2980000	0.8000000	1.3000000	60.0000000	60.0000000	0.0000000	1230.6318779
10342	1.2980000	0.9000000	1.3000000	60.0000000	60.0000000	0.0000000	1127.3820338
10343	1.2980000	1.0000000	1.3000000	60.0000000	60.0000000	0.0000000	1172.0107586
10344	1.2980000	1.1000000	1.3000000	60.0000000	60.0000000	0.0000000	1282.0705237
10345	1.2980000	1.2000000	1.3000000	60.0000000	60.0000000	0.0000000	1444.6126713
10346	1.2980000	1.3000000	1.3000000	60.0000000	60.0000000	0.0000000	1639.7154697
10347	1.2980000	1.4000000	1.3000000	60.0000000	60.0000000	0.0000000	1851.3574098
10348	1.2980000	2.4000000	1.3000000	60.0000000	60.0000000	0.0000000	1944.5964069
10349	1.2980000	2.6000000	1.3000000	60.0000000	60.0000000	0.0000000	1486.4619683
10350	1.2980000	2.8000000	1.3000000	60.0000000	60.0000000	0.0000000	1073.8667709
10351	1.2980000	3.0000000	1.3000000	60.0000000	60.0000000	0.0000000	757.2241097
10352	1.2980000	3.5000000	1.3000000	60.0000000	60.0000000	0.0000000	369.6049816
10353	1.2980000	4.0000000	1.3000000	60.0000000	60.0000000	0.0000000	308.4012843
10354	1.2980000	4.5000000	1.3000000	60.0000000	60.0000000	0.0000000	309.5459243
10355	1.2980000	5.0000000	1.3000000	60.0000000	60.0000000	0.0000000	315.4911373
10356	1.2980000	5.5000000	1.3000000	60.0000000	60.0000000	0.0000000	302.5223990
10357	1.2980000	6.0000000	1.3000000	60.0000000	60.0000000	0.0000000	286.6245720
10358	1.2980000	7.0000000	1.3000000	60.0000000	60.0000000	0.0000000	273.4150583
10359	1.2980000	8.0000000	1.3000000	60.0000000	60.0000000	0.0000000	270.7792047
10360	1.2980000	9.0000000	1.3000000	60.0000000	60.0000000	0.0000000	270.3889566
10361	1.2980000	10.0000000	1.3000000	60.0000000	60.0000000	0.0000000	270.3565771
10362	1.2980000	0.8000000	1.4000000	60.0000000	60.0000000	0.0000000	933.0215792
10363	1.2980000	0.9000000	1.4000000	60.0000000	60.0000000	0.0000000	767.8862487
10364	1.2980000	1.0000000	1.4000000	60.0000000	60.0000000	0.0000000	735.8825753
10365	1.2980000	1.1000000	1.4000000	60.0000000	60.0000000	0.0000000	772.6330441
10366	1.2980000	1.2000000	1.4000000	60.0000000	60.0000000	0.0000000	855.7257151
10367	1.2980000	1.3000000	1.4000000	60.0000000	60.0000000	0.0000000	961.8829989
10368	1.2980000	1.4000000	1.4000000	60.0000000	60.0000000	0.0000000	1079.2357419
10369	1.2980000	1.5000000	1.4000000	60.0000000	60.0000000	0.0000000	1197.7904166
10370	1.2980000	1.6000000	1.4000000	60.0000000	60.0000000	0.0000000	1307.1420373
10371	1.2980000	1.7000000	1.4000000	60.0000000	60.0000000	0.0000000	1380.2915696
10372	1.2980000	1.8000000	1.4000000	60.0000000	60.0000000	0.0000000	1458.3396293
10373	1.2980000	2.0000000	1.4000000	60.0000000	60.0000000	0.0000000	1534.7722285
10374	1.2980000	2.2000000	1.4000000	60.0000000	60.0000000	0.0000000	1480.4004778
10375	1.2980000	2.4000000	1.4000000	60.0000000	60.0000000	0.0000000	1311.5824198
10376	1.2980000	2.6000000	1.4000000	60.0000000	60.0000000	0.0000000	1079.2513041
10377	1.2980000	2.8000000	1.4000000	60.0000000	60.0000000	0.0000000	840.3986080
10378	1.2980000	3.0000000	1.4000000	60.0000000	60.0000000	0.0000000	636.1508003
10379	1.2980000	3.5000000	1.4000000	60.0000000	60.0000000	0.0000000	355.2555341
10380	1.2980000	4.0000000	1.4000000	60.0000000	60.0000000	0.0000000	311.1556743
10381	1.2980000	4.5000000	1.4000000	60.0000000	60.0000000	0.0000000	313.6775721
10382	1.2980000	5.0000000	1.4000000	60.0000000	60.0000000	0.0000000	318.5970582
10383	1.2980000	5.5000000	1.4000000	60.0000000	60.0000000	0.0000000	304.9663602
10384	1.2980000	6.0000000	1.4000000	60.0000000	60.0000000	0.0000000	288.0849748
10385	1.2980000	7.0000000	1.4000000	60.0000000	60.0000000	0.0000000	273.7830926
10386	1.2980000	8.0000000	1.4000000	60.0000000	60.0000000	0.0000000	270.8486700
10387	1.2980000	9.0000000	1.4000000	60.0000000	60.0000000	0.0000000	270.3996243
10388	1.2980000	10.0000000	1.4000000	60.0000000	60.0000000	0.0000000	270.3576439
10389	1.2980000	0.8000000	1.5000000	60.0000000	60.0000000	0.0000000	766.9397761
10390	1.2980000	0.9000000	1.5000000	60.0000000	60.0000000	0.0000000	569.7751072
10391	1.2980000	1.0000000	1.5000000	60.0000000	60.0000000	0.0000000	499.8377958
10392	1.2980000	1.1000000	1.5000000	60.0000000	60.0000000	0.0000000	493.4349401
10393	1.2980000	1.2000000	1.5000000	60.0000000	60.0000000	0.0000000	529.6362127

10394	1.2980000	1.3000000	1.5000000	60.0000000	60.0000000	0.0000000	584.3819589
10395	1.2980000	1.4000000	1.5000000	60.0000000	60.0000000	0.0000000	647.4189879
10396	1.2980000	1.5000000	1.5000000	60.0000000	60.0000000	0.0000000	711.4577102
10397	1.2980000	1.6000000	1.5000000	60.0000000	60.0000000	0.0000000	774.4416519
10398	1.2980000	1.7000000	1.5000000	60.0000000	60.0000000	0.0000000	831.5914498
10399	1.2980000	1.8000000	1.5000000	60.0000000	60.0000000	0.0000000	879.4802745
10400	1.2980000	2.0000000	1.5000000	60.0000000	60.0000000	0.0000000	930.9428912
10401	1.2980000	2.2000000	1.5000000	60.0000000	60.0000000	0.0000000	931.8188318
10402	1.2980000	2.4000000	1.5000000	60.0000000	60.0000000	0.0000000	870.8776844
10403	1.2980000	2.6000000	1.5000000	60.0000000	60.0000000	0.0000000	764.3830516
10404	1.2980000	2.8000000	1.5000000	60.0000000	60.0000000	0.0000000	638.9164228
10405	1.2980000	3.0000000	1.5000000	60.0000000	60.0000000	0.0000000	520.1818411
10406	1.2980000	3.5000000	1.5000000	60.0000000	60.0000000	0.0000000	337.6415314
10407	1.2980000	4.0000000	1.5000000	60.0000000	60.0000000	0.0000000	310.3126154
10408	1.2980000	4.5000000	1.5000000	60.0000000	60.0000000	0.0000000	318.6451254
10409	1.2980000	5.0000000	1.5000000	60.0000000	60.0000000	0.0000000	322.0193693
10410	1.2980000	5.5000000	1.5000000	60.0000000	60.0000000	0.0000000	307.2003566
10411	1.2980000	6.0000000	1.5000000	60.0000000	60.0000000	0.0000000	289.4186206
10412	1.2980000	7.0000000	1.5000000	60.0000000	60.0000000	0.0000000	274.1438478
10413	1.2980000	8.0000000	1.5000000	60.0000000	60.0000000	0.0000000	270.9206453
10414	1.2980000	9.0000000	1.5000000	60.0000000	60.0000000	0.0000000	270.4110450
10415	1.2980000	10.0000000	1.5000000	60.0000000	60.0000000	0.0000000	270.3588989
10416	1.2980000	0.8000000	1.6000000	60.0000000	60.0000000	0.0000000	676.2404980
10417	1.2980000	0.9000000	1.6000000	60.0000000	60.0000000	0.0000000	464.5892081
10418	1.2980000	1.0000000	1.6000000	60.0000000	60.0000000	0.0000000	374.5879716
10419	1.2980000	1.1000000	1.6000000	60.0000000	60.0000000	0.0000000	351.2621266
10420	1.2980000	1.2000000	1.6000000	60.0000000	60.0000000	0.0000000	363.7631194
10421	1.2980000	1.3000000	1.6000000	60.0000000	60.0000000	0.0000000	387.4420011
10422	1.2980000	1.4000000	1.6000000	60.0000000	60.0000000	0.0000000	421.7296208
10423	1.2980000	1.5000000	1.6000000	60.0000000	60.0000000	0.0000000	458.6872933
10424	1.2980000	1.6000000	1.6000000	60.0000000	60.0000000	0.0000000	495.0575541
10425	1.2980000	1.7000000	1.6000000	60.0000000	60.0000000	0.0000000	528.9015245
10426	1.2980000	1.8000000	1.6000000	60.0000000	60.0000000	0.0000000	559.0064799
10427	1.2980000	2.0000000	1.6000000	60.0000000	60.0000000	0.0000000	602.6826452
10428	1.2980000	2.2000000	1.6000000	60.0000000	60.0000000	0.0000000	611.7713670
10429	1.2980000	2.4000000	1.6000000	60.0000000	60.0000000	0.0000000	593.2086955
10430	1.2980000	2.6000000	1.6000000	60.0000000	60.0000000	0.0000000	548.7576813
10431	1.2980000	2.8000000	1.6000000	60.0000000	60.0000000	0.0000000	488.7647636
10432	1.2980000	3.0000000	1.6000000	60.0000000	60.0000000	0.0000000	426.4406481
10433	1.2980000	3.5000000	1.6000000	60.0000000	60.0000000	0.0000000	321.2806652
10434	1.2980000	4.0000000	1.6000000	60.0000000	60.0000000	0.0000000	310.9683000
10435	1.2980000	4.5000000	1.6000000	60.0000000	60.0000000	0.0000000	324.3186268
10436	1.2980000	5.0000000	1.6000000	60.0000000	60.0000000	0.0000000	325.6884172
10437	1.2980000	5.5000000	1.6000000	60.0000000	60.0000000	0.0000000	309.1200336
10438	1.2980000	6.0000000	1.6000000	60.0000000	60.0000000	0.0000000	290.5660845
10439	1.2980000	7.0000000	1.6000000	60.0000000	60.0000000	0.0000000	274.4852129
10440	1.2980000	8.0000000	1.6000000	60.0000000	60.0000000	0.0000000	270.9934992
10441	1.2980000	9.0000000	1.6000000	60.0000000	60.0000000	0.0000000	270.4231559
10442	1.2980000	10.0000000	1.6000000	60.0000000	60.0000000	0.0000000	270.3603421
10443	1.2980000	0.8000000	1.7000000	60.0000000	60.0000000	0.0000000	627.3096310
10444	1.2980000	0.9000000	1.7000000	60.0000000	60.0000000	0.0000000	414.2746827
10445	1.2980000	1.0000000	1.7000000	60.0000000	60.0000000	0.0000000	315.7493574
10446	1.2980000	1.1000000	1.7000000	60.0000000	60.0000000	0.0000000	281.8577590
10447	1.2980000	1.2000000	1.7000000	60.0000000	60.0000000	0.0000000	276.9673894
10448	1.2980000	1.3000000	1.7000000	60.0000000	60.0000000	0.0000000	289.4191854
10449	1.2980000	1.4000000	1.7000000	60.0000000	60.0000000	0.0000000	309.5532661

10450	1.2980000	1.5000000	1.7000000	60.0000000	60.0000000	0.0000000	332.1251585
10451	1.2980000	1.6000000	1.7000000	60.0000000	60.0000000	0.0000000	354.3923949
10452	1.2980000	1.7000000	1.7000000	60.0000000	60.0000000	0.0000000	375.0862768
10453	1.2980000	1.8000000	1.7000000	60.0000000	60.0000000	0.0000000	393.7747012
10454	1.2980000	2.0000000	1.7000000	60.0000000	60.0000000	0.0000000	424.7419799
10455	1.2980000	2.2000000	1.7000000	60.0000000	60.0000000	0.0000000	447.9665449
10456	1.2980000	2.4000000	1.7000000	60.0000000	60.0000000	0.0000000	440.5471866
10457	1.2980000	2.6000000	1.7000000	60.0000000	60.0000000	0.0000000	421.5409286
10458	1.2980000	2.8000000	1.7000000	60.0000000	60.0000000	0.0000000	394.2379914
10459	1.2980000	3.0000000	1.7000000	60.0000000	60.0000000	0.0000000	364.2405285
10460	1.2980000	3.5000000	1.7000000	60.0000000	60.0000000	0.0000000	312.5794306
10461	1.2980000	4.0000000	1.7000000	60.0000000	60.0000000	0.0000000	331.5669260
10462	1.2980000	4.5000000	1.7000000	60.0000000	60.0000000	0.0000000	330.5390655
10463	1.2980000	5.0000000	1.7000000	60.0000000	60.0000000	0.0000000	329.4482658
10464	1.2980000	5.5000000	1.7000000	60.0000000	60.0000000	0.0000000	310.5948691
10465	1.2980000	6.0000000	1.7000000	60.0000000	60.0000000	0.0000000	291.4688196
10466	1.2980000	7.0000000	1.7000000	60.0000000	60.0000000	0.0000000	274.7946379
10467	1.2980000	8.0000000	1.7000000	60.0000000	60.0000000	0.0000000	271.0652236
10468	1.2980000	9.0000000	1.7000000	60.0000000	60.0000000	0.0000000	270.4356433
10469	1.2980000	10.0000000	1.7000000	60.0000000	60.0000000	0.0000000	270.3619109
10470	1.2980000	0.8000000	1.8000000	60.0000000	60.0000000	0.0000000	571.1042977
10471	1.2980000	0.9000000	1.8000000	60.0000000	60.0000000	0.0000000	361.0838422
10472	1.2980000	1.0000000	1.8000000	60.0000000	60.0000000	0.0000000	279.2005074
10473	1.2980000	1.1000000	1.8000000	60.0000000	60.0000000	0.0000000	247.7290247
10474	1.2980000	1.2000000	1.8000000	60.0000000	60.0000000	0.0000000	237.8675879
10475	1.2980000	1.3000000	1.8000000	60.0000000	60.0000000	0.0000000	244.2353657
10476	1.2980000	1.4000000	1.8000000	60.0000000	60.0000000	0.0000000	257.7437622
10477	1.2980000	1.5000000	1.8000000	60.0000000	60.0000000	0.0000000	273.4410371
10478	1.2980000	1.6000000	1.8000000	60.0000000	60.0000000	0.0000000	288.8229259
10479	1.2980000	1.7000000	1.8000000	60.0000000	60.0000000	0.0000000	302.8046527
10480	1.2980000	1.8000000	1.8000000	60.0000000	60.0000000	0.0000000	315.1444383
10481	1.2980000	2.0000000	1.8000000	60.0000000	60.0000000	0.0000000	335.7861114
10482	1.2980000	2.2000000	1.8000000	60.0000000	60.0000000	0.0000000	352.1530645
10483	1.2980000	2.4000000	1.8000000	60.0000000	60.0000000	0.0000000	360.5588050
10484	1.2980000	2.6000000	1.8000000	60.0000000	60.0000000	0.0000000	351.9571561
10485	1.2980000	2.8000000	1.8000000	60.0000000	60.0000000	0.0000000	340.1247119
10486	1.2980000	3.0000000	1.8000000	60.0000000	60.0000000	0.0000000	327.2409384
10487	1.2980000	3.5000000	1.8000000	60.0000000	60.0000000	0.0000000	307.7776653
10488	1.2980000	4.0000000	1.8000000	60.0000000	60.0000000	0.0000000	337.0091274
10489	1.2980000	4.5000000	1.8000000	60.0000000	60.0000000	0.0000000	337.1316801
10490	1.2980000	5.0000000	1.8000000	60.0000000	60.0000000	0.0000000	333.0141511
10491	1.2980000	5.5000000	1.8000000	60.0000000	60.0000000	0.0000000	311.4792182
10492	1.2980000	6.0000000	1.8000000	60.0000000	60.0000000	0.0000000	292.0741152
10493	1.2980000	7.0000000	1.8000000	60.0000000	60.0000000	0.0000000	275.0596979
10494	1.2980000	8.0000000	1.8000000	60.0000000	60.0000000	0.0000000	271.1336221
10495	1.2980000	9.0000000	1.8000000	60.0000000	60.0000000	0.0000000	270.4483190
10496	1.2980000	10.0000000	1.8000000	60.0000000	60.0000000	0.0000000	270.3635424
10497	1.2980000	0.8000000	1.9000000	60.0000000	60.0000000	0.0000000	533.7320298
10498	1.2980000	0.9000000	1.9000000	60.0000000	60.0000000	0.0000000	327.9714849
10499	1.2980000	1.0000000	1.9000000	60.0000000	60.0000000	0.0000000	237.4518629
10500	1.2980000	1.1000000	1.9000000	60.0000000	60.0000000	0.0000000	207.9991409
10501	1.2980000	1.2000000	1.9000000	60.0000000	60.0000000	0.0000000	206.8240666
10502	1.2980000	1.3000000	1.9000000	60.0000000	60.0000000	0.0000000	217.2923052
10503	1.2980000	1.4000000	1.9000000	60.0000000	60.0000000	0.0000000	231.5726638
10504	1.2980000	1.5000000	1.9000000	60.0000000	60.0000000	0.0000000	246.4152709
10505	1.2980000	1.6000000	1.9000000	60.0000000	60.0000000	0.0000000	260.2268800

10506	1.2980000	1.7000000	1.9000000	60.0000000	60.0000000	0.0000000	272.2655865
10507	1.2980000	1.8000000	1.9000000	60.0000000	60.0000000	0.0000000	282.3961621
10508	1.2980000	2.0000000	1.9000000	60.0000000	60.0000000	0.0000000	298.1743231
10509	1.2980000	2.2000000	1.9000000	60.0000000	60.0000000	0.0000000	310.4433883
10510	1.2980000	2.4000000	1.9000000	60.0000000	60.0000000	0.0000000	320.3950611
10511	1.2980000	2.6000000	1.9000000	60.0000000	60.0000000	0.0000000	323.3085248
10512	1.2980000	2.8000000	1.9000000	60.0000000	60.0000000	0.0000000	317.6798276
10513	1.2980000	3.0000000	1.9000000	60.0000000	60.0000000	0.0000000	312.6337102
10514	1.2980000	3.5000000	1.9000000	60.0000000	60.0000000	0.0000000	309.3141850
10515	1.2980000	4.0000000	1.9000000	60.0000000	60.0000000	0.0000000	342.4825161
10516	1.2980000	4.5000000	1.9000000	60.0000000	60.0000000	0.0000000	343.9174420
10517	1.2980000	5.0000000	1.9000000	60.0000000	60.0000000	0.0000000	335.8539452
10518	1.2980000	5.5000000	1.9000000	60.0000000	60.0000000	0.0000000	311.6421197
10519	1.2980000	6.0000000	1.9000000	60.0000000	60.0000000	0.0000000	292.3401165
10520	1.2980000	7.0000000	1.9000000	60.0000000	60.0000000	0.0000000	275.2687840
10521	1.2980000	8.0000000	1.9000000	60.0000000	60.0000000	0.0000000	271.1964986
10522	1.2980000	9.0000000	1.9000000	60.0000000	60.0000000	0.0000000	270.4608692
10523	1.2980000	10.0000000	1.9000000	60.0000000	60.0000000	0.0000000	270.3652995
10524	1.2980000	0.8000000	2.0000000	60.0000000	60.0000000	0.0000000	509.3854779
10525	1.2980000	0.9000000	2.0000000	60.0000000	60.0000000	0.0000000	293.7092795
10526	1.2980000	1.0000000	2.0000000	60.0000000	60.0000000	0.0000000	205.4920523
10527	1.2980000	1.1000000	2.0000000	60.0000000	60.0000000	0.0000000	180.6890501
10528	1.2980000	1.2000000	2.0000000	60.0000000	60.0000000	0.0000000	184.8495634
10529	1.2980000	1.3000000	2.0000000	60.0000000	60.0000000	0.0000000	200.5283269
10530	1.2980000	1.4000000	2.0000000	60.0000000	60.0000000	0.0000000	218.5990309
10531	1.2980000	1.5000000	2.0000000	60.0000000	60.0000000	0.0000000	235.1254342
10532	1.2980000	1.6000000	2.0000000	60.0000000	60.0000000	0.0000000	249.3518898
10533	1.2980000	1.7000000	2.0000000	60.0000000	60.0000000	0.0000000	261.2312716
10534	1.2980000	1.8000000	2.0000000	60.0000000	60.0000000	0.0000000	270.8660520
10535	1.2980000	2.0000000	2.0000000	60.0000000	60.0000000	0.0000000	284.7717247
10536	1.2980000	2.2000000	2.0000000	60.0000000	60.0000000	0.0000000	294.4119646
10537	1.2980000	2.4000000	2.0000000	60.0000000	60.0000000	0.0000000	302.0950650
10538	1.2980000	2.6000000	2.0000000	60.0000000	60.0000000	0.0000000	318.9992290
10539	1.2980000	2.8000000	2.0000000	60.0000000	60.0000000	0.0000000	315.4884390
10540	1.2980000	3.0000000	2.0000000	60.0000000	60.0000000	0.0000000	313.2858179
10541	1.2980000	3.5000000	2.0000000	60.0000000	60.0000000	0.0000000	316.7403832
10542	1.2980000	4.0000000	2.0000000	60.0000000	60.0000000	0.0000000	348.0419362
10543	1.2980000	4.5000000	2.0000000	60.0000000	60.0000000	0.0000000	350.7338263
10544	1.2980000	5.0000000	2.0000000	60.0000000	60.0000000	0.0000000	336.9256059
10545	1.2980000	5.5000000	2.0000000	60.0000000	60.0000000	0.0000000	311.0041935
10546	1.2980000	6.0000000	2.0000000	60.0000000	60.0000000	0.0000000	292.2419740
10547	1.2980000	7.0000000	2.0000000	60.0000000	60.0000000	0.0000000	275.4123582
10548	1.2980000	8.0000000	2.0000000	60.0000000	60.0000000	0.0000000	271.2515939
10549	1.2980000	9.0000000	2.0000000	60.0000000	60.0000000	0.0000000	270.4729801
10550	1.2980000	10.0000000	2.0000000	60.0000000	60.0000000	0.0000000	270.3671192
10551	1.2980000	0.8000000	2.2000000	60.0000000	60.0000000	0.0000000	451.6242976
10552	1.2980000	0.9000000	2.2000000	60.0000000	60.0000000	0.0000000	236.2065075
10553	1.2980000	1.0000000	2.2000000	60.0000000	60.0000000	0.0000000	151.7028815
10554	1.2980000	1.1000000	2.2000000	60.0000000	60.0000000	0.0000000	132.3104541
10555	1.2980000	1.2000000	2.2000000	60.0000000	60.0000000	0.0000000	144.9985702
10556	1.2980000	1.3000000	2.2000000	60.0000000	60.0000000	0.0000000	170.1951464
10557	1.2980000	1.4000000	2.2000000	60.0000000	60.0000000	0.0000000	197.5987362
10558	1.2980000	1.5000000	2.2000000	60.0000000	60.0000000	0.0000000	222.5758094
10559	1.2980000	1.6000000	2.2000000	60.0000000	60.0000000	0.0000000	243.3590487
10560	1.2980000	1.7000000	2.2000000	60.0000000	60.0000000	0.0000000	259.4468857
10561	1.2980000	1.8000000	2.2000000	60.0000000	60.0000000	0.0000000	271.4887925

10562	1.2980000	2.0000000	2.2000000	60.0000000	60.0000000	0.0000000	287.1473501
10563	1.2980000	2.2000000	2.2000000	60.0000000	60.0000000	0.0000000	296.0719781
10564	1.2980000	2.4000000	2.2000000	60.0000000	60.0000000	0.0000000	301.8308836
10565	1.2980000	2.6000000	2.2000000	60.0000000	60.0000000	0.0000000	306.6666598
10566	1.2980000	2.8000000	2.2000000	60.0000000	60.0000000	0.0000000	311.6789545
10567	1.2980000	3.0000000	2.2000000	60.0000000	60.0000000	0.0000000	317.2222477
10568	1.2980000	3.5000000	2.2000000	60.0000000	60.0000000	0.0000000	333.2741282
10569	1.2980000	4.0000000	2.2000000	60.0000000	60.0000000	0.0000000	350.8602068
10570	1.2980000	4.5000000	2.2000000	60.0000000	60.0000000	0.0000000	360.0581152
10571	1.2980000	5.0000000	2.2000000	60.0000000	60.0000000	0.0000000	331.1383997
10572	1.2980000	5.5000000	2.2000000	60.0000000	60.0000000	0.0000000	307.4039207
10573	1.2980000	6.0000000	2.2000000	60.0000000	60.0000000	0.0000000	290.9599094
10574	1.2980000	7.0000000	2.2000000	60.0000000	60.0000000	0.0000000	275.4781212
10575	1.2980000	8.0000000	2.2000000	60.0000000	60.0000000	0.0000000	271.3303464
10576	1.2980000	9.0000000	2.2000000	60.0000000	60.0000000	0.0000000	270.4944409
10577	1.2980000	10.0000000	2.2000000	60.0000000	60.0000000	0.0000000	270.3706333
10578	1.2980000	0.8000000	2.4000000	60.0000000	60.0000000	0.0000000	418.6557656
10579	1.2980000	0.9000000	2.4000000	60.0000000	60.0000000	0.0000000	201.0084971
10580	1.2980000	1.0000000	2.4000000	60.0000000	60.0000000	0.0000000	113.3819446
10581	1.2980000	1.1000000	2.4000000	60.0000000	60.0000000	0.0000000	94.3670898
10582	1.2980000	1.2000000	2.4000000	60.0000000	60.0000000	0.0000000	109.3280452
10583	1.2980000	1.3000000	2.4000000	60.0000000	60.0000000	0.0000000	138.9031314
10584	1.2980000	1.4000000	2.4000000	60.0000000	60.0000000	0.0000000	172.3250391
10585	1.2980000	1.5000000	2.4000000	60.0000000	60.0000000	0.0000000	203.9054573
10586	1.2980000	1.6000000	2.4000000	60.0000000	60.0000000	0.0000000	231.0683972
10587	1.2980000	1.7000000	2.4000000	60.0000000	60.0000000	0.0000000	253.1632567
10588	1.2980000	1.8000000	2.4000000	60.0000000	60.0000000	0.0000000	270.3765946
10589	1.2980000	2.0000000	2.4000000	60.0000000	60.0000000	0.0000000	292.0866654
10590	1.2980000	2.2000000	2.4000000	60.0000000	60.0000000	0.0000000	303.0877222
10591	1.2980000	2.4000000	2.4000000	60.0000000	60.0000000	0.0000000	309.2108343
10592	1.2980000	2.6000000	2.4000000	60.0000000	60.0000000	0.0000000	313.5912269
10593	1.2980000	2.8000000	2.4000000	60.0000000	60.0000000	0.0000000	317.6648929
10594	1.2980000	3.0000000	2.4000000	60.0000000	60.0000000	0.0000000	321.9604462
10595	1.2980000	3.5000000	2.4000000	60.0000000	60.0000000	0.0000000	334.1007465
10596	1.2980000	4.0000000	2.4000000	60.0000000	60.0000000	0.0000000	345.6873324
10597	1.2980000	4.5000000	2.4000000	60.0000000	60.0000000	0.0000000	338.9799465
10598	1.2980000	5.0000000	2.4000000	60.0000000	60.0000000	0.0000000	319.3424767
10599	1.2980000	5.5000000	2.4000000	60.0000000	60.0000000	0.0000000	301.5168151
10600	1.2980000	6.0000000	2.4000000	60.0000000	60.0000000	0.0000000	288.4584057
10601	1.2980000	7.0000000	2.4000000	60.0000000	60.0000000	0.0000000	275.2414246
10602	1.2980000	8.0000000	2.4000000	60.0000000	60.0000000	0.0000000	271.3573920
10603	1.2980000	9.0000000	2.4000000	60.0000000	60.0000000	0.0000000	270.5100031
10604	1.2980000	10.0000000	2.4000000	60.0000000	60.0000000	0.0000000	270.3738336
10605	1.2980000	0.8000000	2.6000000	60.0000000	60.0000000	0.0000000	399.2612675
10606	1.2980000	0.9000000	2.6000000	60.0000000	60.0000000	0.0000000	178.8913609
10607	1.2980000	1.0000000	2.6000000	60.0000000	60.0000000	0.0000000	90.0240340
10608	1.2980000	1.1000000	2.6000000	60.0000000	60.0000000	0.0000000	70.1835649
10609	1.2980000	1.2000000	2.6000000	60.0000000	60.0000000	0.0000000	84.8611370
10610	1.2980000	1.3000000	2.6000000	60.0000000	60.0000000	0.0000000	114.8363233
10611	1.2980000	1.4000000	2.6000000	60.0000000	60.0000000	0.0000000	149.4516285
10612	1.2980000	1.5000000	2.6000000	60.0000000	60.0000000	0.0000000	183.0323588
10613	1.2980000	1.6000000	2.6000000	60.0000000	60.0000000	0.0000000	212.8368625
10614	1.2980000	1.7000000	2.6000000	60.0000000	60.0000000	0.0000000	237.8328866
10615	1.2980000	1.8000000	2.6000000	60.0000000	60.0000000	0.0000000	257.9563624
10616	1.2980000	2.0000000	2.6000000	60.0000000	60.0000000	0.0000000	284.9375755
10617	1.2980000	2.2000000	2.6000000	60.0000000	60.0000000	0.0000000	298.7471765

10618	1.2980000	2.4000000	2.6000000	60.0000000	60.0000000	0.0000000	305.9961659
10619	1.2980000	2.6000000	2.6000000	60.0000000	60.0000000	0.0000000	310.6497762
10620	1.2980000	2.8000000	2.6000000	60.0000000	60.0000000	0.0000000	314.3618713
10621	1.2980000	3.0000000	2.6000000	60.0000000	60.0000000	0.0000000	317.6993432
10622	1.2980000	3.5000000	2.6000000	60.0000000	60.0000000	0.0000000	324.6439277
10623	1.2980000	4.0000000	2.6000000	60.0000000	60.0000000	0.0000000	326.1326312
10624	1.2980000	4.5000000	2.6000000	60.0000000	60.0000000	0.0000000	318.7627835
10625	1.2980000	5.0000000	2.6000000	60.0000000	60.0000000	0.0000000	306.6839791
10626	1.2980000	5.5000000	2.6000000	60.0000000	60.0000000	0.0000000	294.7094040
10627	1.2980000	6.0000000	2.6000000	60.0000000	60.0000000	0.0000000	285.2264182
10628	1.2980000	7.0000000	2.6000000	60.0000000	60.0000000	0.0000000	274.7433076
10629	1.2980000	8.0000000	2.6000000	60.0000000	60.0000000	0.0000000	271.3283383
10630	1.2980000	9.0000000	2.6000000	60.0000000	60.0000000	0.0000000	270.5175332
10631	1.2980000	10.0000000	2.6000000	60.0000000	60.0000000	0.0000000	270.3762809
10632	1.2980000	0.8000000	2.8000000	60.0000000	60.0000000	0.0000000	383.2775972
10633	1.2980000	0.9000000	2.8000000	60.0000000	60.0000000	0.0000000	164.5190095
10634	1.2980000	1.0000000	2.8000000	60.0000000	60.0000000	0.0000000	76.9488701
10635	1.2980000	1.1000000	2.8000000	60.0000000	60.0000000	0.0000000	56.3926010
10636	1.2980000	1.2000000	2.8000000	60.0000000	60.0000000	0.0000000	70.5160195
10637	1.2980000	1.3000000	2.8000000	60.0000000	60.0000000	0.0000000	100.1273130
10638	1.2980000	1.4000000	2.8000000	60.0000000	60.0000000	0.0000000	134.5879371
10639	1.2980000	1.5000000	2.8000000	60.0000000	60.0000000	0.0000000	168.2228841
10640	1.2980000	1.6000000	2.8000000	60.0000000	60.0000000	0.0000000	198.2620137
10641	1.2980000	1.7000000	2.8000000	60.0000000	60.0000000	0.0000000	223.6115139
10642	1.2980000	1.8000000	2.8000000	60.0000000	60.0000000	0.0000000	244.1251123
10643	1.2980000	2.0000000	2.8000000	60.0000000	60.0000000	0.0000000	271.8120853
10644	1.2980000	2.2000000	2.8000000	60.0000000	60.0000000	0.0000000	285.8772081
10645	1.2980000	2.4000000	2.8000000	60.0000000	60.0000000	0.0000000	292.9316070
10646	1.2980000	2.6000000	2.8000000	60.0000000	60.0000000	0.0000000	297.1373009
10647	1.2980000	2.8000000	2.8000000	60.0000000	60.0000000	0.0000000	300.1806591
10648	1.2980000	3.0000000	2.8000000	60.0000000	60.0000000	0.0000000	302.6096228
10649	1.2980000	3.5000000	2.8000000	60.0000000	60.0000000	0.0000000	306.4747047
10650	1.2980000	4.0000000	2.8000000	60.0000000	60.0000000	0.0000000	306.5060801
10651	1.2980000	4.5000000	2.8000000	60.0000000	60.0000000	0.0000000	302.4005366
10652	1.2980000	5.0000000	2.8000000	60.0000000	60.0000000	0.0000000	295.5727316
10653	1.2980000	5.5000000	2.8000000	60.0000000	60.0000000	0.0000000	288.1799797
10654	1.2980000	6.0000000	2.8000000	60.0000000	60.0000000	0.0000000	281.8194182
10655	1.2980000	7.0000000	2.8000000	60.0000000	60.0000000	0.0000000	274.0686721
10656	1.2980000	8.0000000	2.8000000	60.0000000	60.0000000	0.0000000	271.2483936
10657	1.2980000	9.0000000	2.8000000	60.0000000	60.0000000	0.0000000	270.5160272
10658	1.2980000	10.0000000	2.8000000	60.0000000	60.0000000	0.0000000	270.3775986
10659	1.2980000	0.8000000	3.0000000	60.0000000	60.0000000	0.0000000	383.0607927
10660	1.2980000	0.9000000	3.0000000	60.0000000	60.0000000	0.0000000	160.1775224
10661	1.2980000	1.0000000	3.0000000	60.0000000	60.0000000	0.0000000	69.9668860
10662	1.2980000	1.1000000	3.0000000	60.0000000	60.0000000	0.0000000	48.9618848
10663	1.2980000	1.2000000	3.0000000	60.0000000	60.0000000	0.0000000	62.6894076
10664	1.2980000	1.3000000	3.0000000	60.0000000	60.0000000	0.0000000	91.9630383
10665	1.2980000	1.4000000	3.0000000	60.0000000	60.0000000	0.0000000	126.1452364
10666	1.2980000	1.5000000	3.0000000	60.0000000	60.0000000	0.0000000	159.5538407
10667	1.2980000	1.6000000	3.0000000	60.0000000	60.0000000	0.0000000	189.4012661
10668	1.2980000	1.7000000	3.0000000	60.0000000	60.0000000	0.0000000	214.5654628
10669	1.2980000	1.8000000	3.0000000	60.0000000	60.0000000	0.0000000	234.8687201
10670	1.2980000	2.0000000	3.0000000	60.0000000	60.0000000	0.0000000	261.9992177
10671	1.2980000	2.2000000	3.0000000	60.0000000	60.0000000	0.0000000	275.3327900
10672	1.2980000	2.4000000	3.0000000	60.0000000	60.0000000	0.0000000	281.5580605
10673	1.2980000	2.6000000	3.0000000	60.0000000	60.0000000	0.0000000	284.9280373

10674	1.2980000	2.8000000	3.0000000	60.0000000	60.0000000	0.0000000	287.1825534
10675	1.2980000	3.0000000	3.0000000	60.0000000	60.0000000	0.0000000	288.9070749
10676	1.2980000	3.5000000	3.0000000	60.0000000	60.0000000	0.0000000	291.6726974
10677	1.2980000	4.0000000	3.0000000	60.0000000	60.0000000	0.0000000	292.1961031
10678	1.2980000	4.5000000	3.0000000	60.0000000	60.0000000	0.0000000	290.4154195
10679	1.2980000	5.0000000	3.0000000	60.0000000	60.0000000	0.0000000	286.8911380
10680	1.2980000	5.5000000	3.0000000	60.0000000	60.0000000	0.0000000	282.6578336
10681	1.2980000	6.0000000	3.0000000	60.0000000	60.0000000	0.0000000	278.6852593
10682	1.2980000	7.0000000	3.0000000	60.0000000	60.0000000	0.0000000	273.3206182
10683	1.2980000	8.0000000	3.0000000	60.0000000	60.0000000	0.0000000	271.1304845
10684	1.2980000	9.0000000	3.0000000	60.0000000	60.0000000	0.0000000	270.5058616
10685	1.2980000	10.0000000	3.0000000	60.0000000	60.0000000	0.0000000	270.3777869
10686	1.2980000	0.8000000	3.5000000	60.0000000	60.0000000	0.0000000	378.4497276
10687	1.2980000	0.9000000	3.5000000	60.0000000	60.0000000	0.0000000	154.6763978
10688	1.2980000	1.0000000	3.5000000	60.0000000	60.0000000	0.0000000	64.0223005
10689	1.2980000	1.1000000	3.5000000	60.0000000	60.0000000	0.0000000	42.5953619
10690	1.2980000	1.2000000	3.5000000	60.0000000	60.0000000	0.0000000	55.9254201
10691	1.2980000	1.3000000	3.5000000	60.0000000	60.0000000	0.0000000	84.8271888
10692	1.2980000	1.4000000	3.5000000	60.0000000	60.0000000	0.0000000	118.6610563
10693	1.2980000	1.5000000	3.5000000	60.0000000	60.0000000	0.0000000	151.7374572
10694	1.2980000	1.6000000	3.5000000	60.0000000	60.0000000	0.0000000	181.2553146
10695	1.2980000	1.7000000	3.5000000	60.0000000	60.0000000	0.0000000	206.0729379
10696	1.2980000	1.8000000	3.5000000	60.0000000	60.0000000	0.0000000	225.9931633
10697	1.2980000	2.0000000	3.5000000	60.0000000	60.0000000	0.0000000	252.2178510
10698	1.2980000	2.2000000	3.5000000	60.0000000	60.0000000	0.0000000	264.4891753
10699	1.2980000	2.4000000	3.5000000	60.0000000	60.0000000	0.0000000	269.5628404
10700	1.2980000	2.6000000	3.5000000	60.0000000	60.0000000	0.0000000	271.7724267
10701	1.2980000	2.8000000	3.5000000	60.0000000	60.0000000	0.0000000	272.9252872
10702	1.2980000	3.0000000	3.5000000	60.0000000	60.0000000	0.0000000	273.6646815
10703	1.2980000	3.5000000	3.5000000	60.0000000	60.0000000	0.0000000	274.8056193
10704	1.2980000	4.0000000	3.5000000	60.0000000	60.0000000	0.0000000	275.3695620
10705	1.2980000	4.5000000	3.5000000	60.0000000	60.0000000	0.0000000	275.4296775
10706	1.2980000	5.0000000	3.5000000	60.0000000	60.0000000	0.0000000	275.0129484
10707	1.2980000	5.5000000	3.5000000	60.0000000	60.0000000	0.0000000	274.2449396
10708	1.2980000	6.0000000	3.5000000	60.0000000	60.0000000	0.0000000	273.3194259
10709	1.2980000	7.0000000	3.5000000	60.0000000	60.0000000	0.0000000	271.6815633
10710	1.2980000	8.0000000	3.5000000	60.0000000	60.0000000	0.0000000	270.7834090
10711	1.2980000	9.0000000	3.5000000	60.0000000	60.0000000	0.0000000	270.4552216
10712	1.2980000	10.0000000	3.5000000	60.0000000	60.0000000	0.0000000	270.3733316
10713	1.2980000	0.8000000	4.0000000	60.0000000	60.0000000	0.0000000	377.7684406
10714	1.2980000	0.9000000	4.0000000	60.0000000	60.0000000	0.0000000	153.7854599
10715	1.2980000	1.0000000	4.0000000	60.0000000	60.0000000	0.0000000	63.0648464
10716	1.2980000	1.1000000	4.0000000	60.0000000	60.0000000	0.0000000	41.5725842
10717	1.2980000	1.2000000	4.0000000	60.0000000	60.0000000	0.0000000	54.8379462
10718	1.2980000	1.3000000	4.0000000	60.0000000	60.0000000	0.0000000	83.6748931
10719	1.2980000	1.4000000	4.0000000	60.0000000	60.0000000	0.0000000	117.4424329
10720	1.2980000	1.5000000	4.0000000	60.0000000	60.0000000	0.0000000	150.4491802
10721	1.2980000	1.6000000	4.0000000	60.0000000	60.0000000	0.0000000	179.8914228
10722	1.2980000	1.7000000	4.0000000	60.0000000	60.0000000	0.0000000	204.6235792
10723	1.2980000	1.8000000	4.0000000	60.0000000	60.0000000	0.0000000	224.4467917
10724	1.2980000	2.0000000	4.0000000	60.0000000	60.0000000	0.0000000	250.4453250
10725	1.2980000	2.2000000	4.0000000	60.0000000	60.0000000	0.0000000	262.4561074
10726	1.2980000	2.4000000	4.0000000	60.0000000	60.0000000	0.0000000	267.2433144
10727	1.2980000	2.6000000	4.0000000	60.0000000	60.0000000	0.0000000	269.1526374
10728	1.2980000	2.8000000	4.0000000	60.0000000	60.0000000	0.0000000	270.0034776
10729	1.2980000	3.0000000	4.0000000	60.0000000	60.0000000	0.0000000	270.4504525

10730	1.2980000	3.5000000	4.0000000	60.0000000	60.0000000	0.0000000	270.9751760
10731	1.2980000	4.0000000	4.0000000	60.0000000	60.0000000	0.0000000	271.2094880
10732	1.2980000	4.5000000	4.0000000	60.0000000	60.0000000	0.0000000	271.3252008
10733	1.2980000	5.0000000	4.0000000	60.0000000	60.0000000	0.0000000	271.3418925
10734	1.2980000	5.5000000	4.0000000	60.0000000	60.0000000	0.0000000	271.2689131
10735	1.2980000	6.0000000	4.0000000	60.0000000	60.0000000	0.0000000	271.1289785
10736	1.2980000	7.0000000	4.0000000	60.0000000	60.0000000	0.0000000	270.7832208
10737	1.2980000	8.0000000	4.0000000	60.0000000	60.0000000	0.0000000	270.5234946
10738	1.2980000	9.0000000	4.0000000	60.0000000	60.0000000	0.0000000	270.4015068
10739	1.2980000	10.0000000	4.0000000	60.0000000	60.0000000	0.0000000	270.3662407
10740	1.2980000	0.8000000	10.0000000	60.0000000	60.0000000	0.0000000	376.3049001
10741	1.2980000	0.9000000	10.0000000	60.0000000	60.0000000	0.0000000	153.6799756
10742	1.2980000	1.0000000	10.0000000	60.0000000	60.0000000	0.0000000	62.9599897
10743	1.2980000	1.1000000	10.0000000	60.0000000	60.0000000	0.0000000	41.4741280
10744	1.2980000	1.2000000	10.0000000	60.0000000	60.0000000	0.0000000	54.7491537
10745	1.2980000	1.3000000	10.0000000	60.0000000	60.0000000	0.0000000	83.5965799
10746	1.2980000	1.4000000	10.0000000	60.0000000	60.0000000	0.0000000	117.3727167
10747	1.2980000	1.5000000	10.0000000	60.0000000	60.0000000	0.0000000	150.3838565
10748	1.2980000	1.6000000	10.0000000	60.0000000	60.0000000	0.0000000	179.8234007
10749	1.2980000	1.7000000	10.0000000	60.0000000	60.0000000	0.0000000	204.5439482
10750	1.2980000	1.8000000	10.0000000	60.0000000	60.0000000	0.0000000	224.3462647
10751	1.2980000	2.0000000	10.0000000	60.0000000	60.0000000	0.0000000	250.2839924
10752	1.2980000	2.2000000	10.0000000	60.0000000	60.0000000	0.0000000	262.2261879
10753	1.2980000	2.4000000	10.0000000	60.0000000	60.0000000	0.0000000	266.9439923
10754	1.2980000	2.6000000	10.0000000	60.0000000	60.0000000	0.0000000	268.7818421
10755	1.2980000	2.8000000	10.0000000	60.0000000	60.0000000	0.0000000	269.5590753
10756	1.2980000	3.0000000	10.0000000	60.0000000	60.0000000	0.0000000	269.9312512
10757	1.2980000	3.5000000	10.0000000	60.0000000	60.0000000	0.0000000	270.2734321
10758	1.2980000	4.0000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3545691
10759	1.2980000	4.5000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3788537
10760	1.2980000	5.0000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3877015
10761	1.2980000	5.5000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3918431
10762	1.2980000	6.0000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3941649
10763	1.2980000	7.0000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3957337
10764	1.2980000	8.0000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3961102
10765	1.2980000	9.0000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3962357
10766	1.2980000	10.0000000	10.0000000	60.0000000	60.0000000	0.0000000	270.3962984
10767	1.0980000	0.8000000	1.0000000	90.0000000	90.0000000	60.0000000	1113.5930151
10768	1.0980000	0.9000000	1.0000000	90.0000000	90.0000000	60.0000000	800.9849889
10769	1.0980000	1.0000000	1.0000000	90.0000000	90.0000000	60.0000000	618.6571539
10770	1.0980000	1.1000000	1.0000000	90.0000000	90.0000000	60.0000000	509.4196772
10771	1.0980000	1.2000000	1.0000000	90.0000000	90.0000000	60.0000000	442.1301420
10772	1.0980000	1.3000000	1.0000000	90.0000000	90.0000000	60.0000000	399.3446636
10773	1.0980000	1.4000000	1.0000000	90.0000000	90.0000000	60.0000000	371.1773948
10774	1.0980000	1.5000000	1.0000000	90.0000000	90.0000000	60.0000000	352.1136570
10775	1.0980000	1.6000000	1.0000000	90.0000000	90.0000000	60.0000000	339.1515075
10776	1.0980000	1.7000000	1.0000000	90.0000000	90.0000000	60.0000000	330.6410358
10777	1.0980000	1.8000000	1.0000000	90.0000000	90.0000000	60.0000000	325.5951065
10778	1.0980000	2.0000000	1.0000000	90.0000000	90.0000000	60.0000000	323.2531785
10779	1.0980000	2.2000000	1.0000000	90.0000000	90.0000000	60.0000000	327.5102655
10780	1.0980000	2.4000000	1.0000000	90.0000000	90.0000000	60.0000000	335.4786945
10781	1.0980000	2.6000000	1.0000000	90.0000000	90.0000000	60.0000000	335.9439929
10782	1.0980000	2.8000000	1.0000000	90.0000000	90.0000000	60.0000000	333.6906064
10783	1.0980000	3.0000000	1.0000000	90.0000000	90.0000000	60.0000000	329.1209568
10784	1.0980000	3.5000000	1.0000000	90.0000000	90.0000000	60.0000000	301.2905352
10785	1.0980000	4.0000000	1.0000000	90.0000000	90.0000000	60.0000000	269.6269091

10786	1.0980000	4.5000000	1.0000000	90.0000000	90.0000000	60.0000000	249.2064330
10787	1.0980000	5.0000000	1.0000000	90.0000000	90.0000000	60.0000000	238.2628561
10788	1.0980000	5.5000000	1.0000000	90.0000000	90.0000000	60.0000000	232.8954538
10789	1.0980000	6.0000000	1.0000000	90.0000000	90.0000000	60.0000000	230.4438998
10790	1.0980000	7.0000000	1.0000000	90.0000000	90.0000000	60.0000000	228.9812380
10791	1.0980000	8.0000000	1.0000000	90.0000000	90.0000000	60.0000000	228.7788034
10792	1.0980000	9.0000000	1.0000000	90.0000000	90.0000000	60.0000000	228.7792426
10793	1.0980000	10.0000000	1.0000000	90.0000000	90.0000000	60.0000000	228.7991347
10794	1.0980000	0.8000000	1.1000000	90.0000000	90.0000000	60.0000000	1004.9199832
10795	1.0980000	0.9000000	1.1000000	90.0000000	90.0000000	60.0000000	708.3450751
10796	1.0980000	1.0000000	1.1000000	90.0000000	90.0000000	60.0000000	539.5028578
10797	1.0980000	1.1000000	1.1000000	90.0000000	90.0000000	60.0000000	441.8149440
10798	1.0980000	1.2000000	1.1000000	90.0000000	90.0000000	60.0000000	384.8245336
10799	1.0980000	1.3000000	1.1000000	90.0000000	90.0000000	60.0000000	351.4612981
10800	1.0980000	1.4000000	1.1000000	90.0000000	90.0000000	60.0000000	331.9782585
10801	1.0980000	1.5000000	1.1000000	90.0000000	90.0000000	60.0000000	320.8658815
10802	1.0980000	1.6000000	1.1000000	90.0000000	90.0000000	60.0000000	315.0749103
10803	1.0980000	1.7000000	1.1000000	90.0000000	90.0000000	60.0000000	312.9077436
10804	1.0980000	1.8000000	1.1000000	90.0000000	90.0000000	60.0000000	313.3527105
10805	1.0980000	2.0000000	1.1000000	90.0000000	90.0000000	60.0000000	319.5136613
10806	1.0980000	2.2000000	1.1000000	90.0000000	90.0000000	60.0000000	329.5142798
10807	1.0980000	2.4000000	1.1000000	90.0000000	90.0000000	60.0000000	341.8145950
10808	1.0980000	2.6000000	1.1000000	90.0000000	90.0000000	60.0000000	341.4965732
10809	1.0980000	2.8000000	1.1000000	90.0000000	90.0000000	60.0000000	336.3819945
10810	1.0980000	3.0000000	1.1000000	90.0000000	90.0000000	60.0000000	327.0802960
10811	1.0980000	3.5000000	1.1000000	90.0000000	90.0000000	60.0000000	293.0510848
10812	1.0980000	4.0000000	1.1000000	90.0000000	90.0000000	60.0000000	264.0292735
10813	1.0980000	4.5000000	1.1000000	90.0000000	90.0000000	60.0000000	246.3723492
10814	1.0980000	5.0000000	1.1000000	90.0000000	90.0000000	60.0000000	236.9678648
10815	1.0980000	5.5000000	1.1000000	90.0000000	90.0000000	60.0000000	232.3414257
10816	1.0980000	6.0000000	1.1000000	90.0000000	90.0000000	60.0000000	230.2211967
10817	1.0980000	7.0000000	1.1000000	90.0000000	90.0000000	60.0000000	228.9509292
10818	1.0980000	8.0000000	1.1000000	90.0000000	90.0000000	60.0000000	228.7764816
10819	1.0980000	9.0000000	1.1000000	90.0000000	90.0000000	60.0000000	228.7801211
10820	1.0980000	10.0000000	1.1000000	90.0000000	90.0000000	60.0000000	228.7998249
10821	1.0980000	0.8000000	1.2000000	90.0000000	90.0000000	60.0000000	931.1098715
10822	1.0980000	0.9000000	1.2000000	90.0000000	90.0000000	60.0000000	648.9743329
10823	1.0980000	1.0000000	1.2000000	90.0000000	90.0000000	60.0000000	491.4368872
10824	1.0980000	1.1000000	1.2000000	90.0000000	90.0000000	60.0000000	402.8014878
10825	1.0980000	1.2000000	1.2000000	90.0000000	90.0000000	60.0000000	353.4233320
10826	1.0980000	1.3000000	1.2000000	90.0000000	90.0000000	60.0000000	326.6068401
10827	1.0980000	1.4000000	1.2000000	90.0000000	90.0000000	60.0000000	312.8206452
10828	1.0980000	1.5000000	1.2000000	90.0000000	90.0000000	60.0000000	306.6812181
10829	1.0980000	1.6000000	1.2000000	90.0000000	90.0000000	60.0000000	305.2014879
10830	1.0980000	1.7000000	1.2000000	90.0000000	90.0000000	60.0000000	306.7122170
10831	1.0980000	1.8000000	1.2000000	90.0000000	90.0000000	60.0000000	310.2195557
10832	1.0980000	2.0000000	1.2000000	90.0000000	90.0000000	60.0000000	320.7524277
10833	1.0980000	2.2000000	1.2000000	90.0000000	90.0000000	60.0000000	332.9636993
10834	1.0980000	2.4000000	1.2000000	90.0000000	90.0000000	60.0000000	345.4314968
10835	1.0980000	2.6000000	1.2000000	90.0000000	90.0000000	60.0000000	341.3960462
10836	1.0980000	2.8000000	1.2000000	90.0000000	90.0000000	60.0000000	331.7531708
10837	1.0980000	3.0000000	1.2000000	90.0000000	90.0000000	60.0000000	318.6242921
10838	1.0980000	3.5000000	1.2000000	90.0000000	90.0000000	60.0000000	284.0121245
10839	1.0980000	4.0000000	1.2000000	90.0000000	90.0000000	60.0000000	258.6881639
10840	1.0980000	4.5000000	1.2000000	90.0000000	90.0000000	60.0000000	243.7210590
10841	1.0980000	5.0000000	1.2000000	90.0000000	90.0000000	60.0000000	235.7552027

10842	1.0980000	5.5000000	1.2000000	90.0000000	90.0000000	60.0000000	231.8209065
10843	1.0980000	6.0000000	1.2000000	90.0000000	90.0000000	60.0000000	230.0112319
10844	1.0980000	7.0000000	1.2000000	90.0000000	90.0000000	60.0000000	228.9222520
10845	1.0980000	8.0000000	1.2000000	90.0000000	90.0000000	60.0000000	228.7745363
10846	1.0980000	9.0000000	1.2000000	90.0000000	90.0000000	60.0000000	228.7811251
10847	1.0980000	10.0000000	1.2000000	90.0000000	90.0000000	60.0000000	228.8006407
10848	1.0980000	0.8000000	1.3000000	90.0000000	90.0000000	60.0000000	846.4489288
10849	1.0980000	0.9000000	1.3000000	90.0000000	90.0000000	60.0000000	593.2019811
10850	1.0980000	1.0000000	1.3000000	90.0000000	90.0000000	60.0000000	462.9150756
10851	1.0980000	1.1000000	1.3000000	90.0000000	90.0000000	60.0000000	381.3069037
10852	1.0980000	1.2000000	1.3000000	90.0000000	90.0000000	60.0000000	337.6476183
10853	1.0980000	1.3000000	1.3000000	90.0000000	90.0000000	60.0000000	315.4444506
10854	1.0980000	1.4000000	1.3000000	90.0000000	90.0000000	60.0000000	305.3847835
10855	1.0980000	1.5000000	1.3000000	90.0000000	90.0000000	60.0000000	302.2951778
10856	1.0980000	1.6000000	1.3000000	90.0000000	90.0000000	60.0000000	303.3190850
10857	1.0980000	1.7000000	1.3000000	90.0000000	90.0000000	60.0000000	306.8497043
10858	1.0980000	1.8000000	1.3000000	90.0000000	90.0000000	60.0000000	311.9161531
10859	1.0980000	2.0000000	1.3000000	90.0000000	90.0000000	60.0000000	324.1558509
10860	1.0980000	2.2000000	1.3000000	90.0000000	90.0000000	60.0000000	339.7433117
10861	1.0980000	2.4000000	1.3000000	90.0000000	90.0000000	60.0000000	341.5005893
10862	1.0980000	2.6000000	1.3000000	90.0000000	90.0000000	60.0000000	333.0479111
10863	1.0980000	2.8000000	1.3000000	90.0000000	90.0000000	60.0000000	320.4571218
10864	1.0980000	3.0000000	1.3000000	90.0000000	90.0000000	60.0000000	306.5202618
10865	1.0980000	3.5000000	1.3000000	90.0000000	90.0000000	60.0000000	275.1206290
10866	1.0980000	4.0000000	1.3000000	90.0000000	90.0000000	60.0000000	253.7656659
10867	1.0980000	4.5000000	1.3000000	90.0000000	90.0000000	60.0000000	241.2980567
10868	1.0980000	5.0000000	1.3000000	90.0000000	90.0000000	60.0000000	234.6436324
10869	1.0980000	5.5000000	1.3000000	90.0000000	90.0000000	60.0000000	231.3418658
10870	1.0980000	6.0000000	1.3000000	90.0000000	90.0000000	60.0000000	229.8172061
10871	1.0980000	7.0000000	1.3000000	90.0000000	90.0000000	60.0000000	228.8955829
10872	1.0980000	8.0000000	1.3000000	90.0000000	90.0000000	60.0000000	228.7728420
10873	1.0980000	9.0000000	1.3000000	90.0000000	90.0000000	60.0000000	228.7821919
10874	1.0980000	10.0000000	1.3000000	90.0000000	90.0000000	60.0000000	228.8014564
10875	1.0980000	0.8000000	1.4000000	90.0000000	90.0000000	60.0000000	728.7115225
10876	1.0980000	0.9000000	1.4000000	90.0000000	90.0000000	60.0000000	494.8645949
10877	1.0980000	1.0000000	1.4000000	90.0000000	90.0000000	60.0000000	384.1849759
10878	1.0980000	1.1000000	1.4000000	90.0000000	90.0000000	60.0000000	334.7900657
10879	1.0980000	1.2000000	1.4000000	90.0000000	90.0000000	60.0000000	314.3500113
10880	1.0980000	1.3000000	1.4000000	90.0000000	90.0000000	60.0000000	306.7442200
10881	1.0980000	1.4000000	1.4000000	90.0000000	90.0000000	60.0000000	303.3175790
10882	1.0980000	1.5000000	1.4000000	90.0000000	90.0000000	60.0000000	301.9855646
10883	1.0980000	1.6000000	1.4000000	90.0000000	90.0000000	60.0000000	304.3512126
10884	1.0980000	1.7000000	1.4000000	90.0000000	90.0000000	60.0000000	308.8876668
10885	1.0980000	1.8000000	1.4000000	90.0000000	90.0000000	60.0000000	315.0116573
10886	1.0980000	2.0000000	1.4000000	90.0000000	90.0000000	60.0000000	329.0487933
10887	1.0980000	2.2000000	1.4000000	90.0000000	90.0000000	60.0000000	334.2167730
10888	1.0980000	2.4000000	1.4000000	90.0000000	90.0000000	60.0000000	329.5572641
10889	1.0980000	2.6000000	1.4000000	90.0000000	90.0000000	60.0000000	318.9744423
10890	1.0980000	2.8000000	1.4000000	90.0000000	90.0000000	60.0000000	306.2898404
10891	1.0980000	3.0000000	1.4000000	90.0000000	90.0000000	60.0000000	293.5850326
10892	1.0980000	3.5000000	1.4000000	90.0000000	90.0000000	60.0000000	266.9129934
10893	1.0980000	4.0000000	1.4000000	90.0000000	90.0000000	60.0000000	249.3550901
10894	1.0980000	4.5000000	1.4000000	90.0000000	90.0000000	60.0000000	239.1296976
10895	1.0980000	5.0000000	1.4000000	90.0000000	90.0000000	60.0000000	233.6445746
10896	1.0980000	5.5000000	1.4000000	90.0000000	90.0000000	60.0000000	230.9095745
10897	1.0980000	6.0000000	1.4000000	90.0000000	90.0000000	60.0000000	229.6413152

10898	1.0980000	7.0000000	1.4000000	90.0000000	90.0000000	60.0000000	228.8713610
10899	1.0980000	8.0000000	1.4000000	90.0000000	90.0000000	60.0000000	228.7715870
10900	1.0980000	9.0000000	1.4000000	90.0000000	90.0000000	60.0000000	228.7833842
10901	1.0980000	10.0000000	1.4000000	90.0000000	90.0000000	60.0000000	228.8023350
10902	1.0980000	0.8000000	1.5000000	90.0000000	90.0000000	60.0000000	627.1220057
10903	1.0980000	0.9000000	1.5000000	90.0000000	90.0000000	60.0000000	401.4216571
10904	1.0980000	1.0000000	1.5000000	90.0000000	90.0000000	60.0000000	302.1914505
10905	1.0980000	1.1000000	1.5000000	90.0000000	90.0000000	60.0000000	267.3229453
10906	1.0980000	1.2000000	1.5000000	90.0000000	90.0000000	60.0000000	262.3469835
10907	1.0980000	1.3000000	1.5000000	90.0000000	90.0000000	60.0000000	268.6796208
10908	1.0980000	1.4000000	1.5000000	90.0000000	90.0000000	60.0000000	278.0827876
10909	1.0980000	1.5000000	1.5000000	90.0000000	90.0000000	60.0000000	287.3008389
10910	1.0980000	1.6000000	1.5000000	90.0000000	90.0000000	60.0000000	295.6620261
10911	1.0980000	1.7000000	1.5000000	90.0000000	90.0000000	60.0000000	303.1426921
10912	1.0980000	1.8000000	1.5000000	90.0000000	90.0000000	60.0000000	309.6145111
10913	1.0980000	2.0000000	1.5000000	90.0000000	90.0000000	60.0000000	318.5680045
10914	1.0980000	2.2000000	1.5000000	90.0000000	90.0000000	60.0000000	319.8427900
10915	1.0980000	2.4000000	1.5000000	90.0000000	90.0000000	60.0000000	313.4289530
10916	1.0980000	2.6000000	1.5000000	90.0000000	90.0000000	60.0000000	303.2003602
10917	1.0980000	2.8000000	1.5000000	90.0000000	90.0000000	60.0000000	292.0678401
10918	1.0980000	3.0000000	1.5000000	90.0000000	90.0000000	60.0000000	281.3934648
10919	1.0980000	3.5000000	1.5000000	90.0000000	90.0000000	60.0000000	259.6461826
10920	1.0980000	4.0000000	1.5000000	90.0000000	90.0000000	60.0000000	245.4950282
10921	1.0980000	4.5000000	1.5000000	90.0000000	90.0000000	60.0000000	237.2262732
10922	1.0980000	5.0000000	1.5000000	90.0000000	90.0000000	60.0000000	232.7631120
10923	1.0980000	5.5000000	1.5000000	90.0000000	90.0000000	60.0000000	230.5264800
10924	1.0980000	6.0000000	1.5000000	90.0000000	90.0000000	60.0000000	229.4846887
10925	1.0980000	7.0000000	1.5000000	90.0000000	90.0000000	60.0000000	228.8497120
10926	1.0980000	8.0000000	1.5000000	90.0000000	90.0000000	60.0000000	228.7707712
10927	1.0980000	9.0000000	1.5000000	90.0000000	90.0000000	60.0000000	228.7846392
10928	1.0980000	10.0000000	1.5000000	90.0000000	90.0000000	60.0000000	228.8032135
10929	1.0980000	0.8000000	1.6000000	90.0000000	90.0000000	60.0000000	548.5799707
10930	1.0980000	0.9000000	1.6000000	90.0000000	90.0000000	60.0000000	326.2824805
10931	1.0980000	1.0000000	1.6000000	90.0000000	90.0000000	60.0000000	232.1224248
10932	1.0980000	1.1000000	1.6000000	90.0000000	90.0000000	60.0000000	204.0238056
10933	1.0980000	1.2000000	1.6000000	90.0000000	90.0000000	60.0000000	207.8405693
10934	1.0980000	1.3000000	1.6000000	90.0000000	90.0000000	60.0000000	224.4860111
10935	1.0980000	1.4000000	1.6000000	90.0000000	90.0000000	60.0000000	243.5762925
10936	1.0980000	1.5000000	1.6000000	90.0000000	90.0000000	60.0000000	260.6565357
10937	1.0980000	1.6000000	1.6000000	90.0000000	90.0000000	60.0000000	274.5410613
10938	1.0980000	1.7000000	1.6000000	90.0000000	90.0000000	60.0000000	285.1927208
10939	1.0980000	1.8000000	1.6000000	90.0000000	90.0000000	60.0000000	293.1752062
10940	1.0980000	2.0000000	1.6000000	90.0000000	90.0000000	60.0000000	302.3003233
10941	1.0980000	2.2000000	1.6000000	90.0000000	90.0000000	60.0000000	302.6853632
10942	1.0980000	2.4000000	1.6000000	90.0000000	90.0000000	60.0000000	296.7761693
10943	1.0980000	2.6000000	1.6000000	90.0000000	90.0000000	60.0000000	288.2122964
10944	1.0980000	2.8000000	1.6000000	90.0000000	90.0000000	60.0000000	279.1774151
10945	1.0980000	3.0000000	1.6000000	90.0000000	90.0000000	60.0000000	270.6395838
10946	1.0980000	3.5000000	1.6000000	90.0000000	90.0000000	60.0000000	253.4032791
10947	1.0980000	4.0000000	1.6000000	90.0000000	90.0000000	60.0000000	242.1842255
10948	1.0980000	4.5000000	1.6000000	90.0000000	90.0000000	60.0000000	235.5848339
10949	1.0980000	5.0000000	1.6000000	90.0000000	90.0000000	60.0000000	231.9989937
10950	1.0980000	5.5000000	1.6000000	90.0000000	90.0000000	60.0000000	230.1928332
10951	1.0980000	6.0000000	1.6000000	90.0000000	90.0000000	60.0000000	229.3475779
10952	1.0980000	7.0000000	1.6000000	90.0000000	90.0000000	60.0000000	228.8308240
10953	1.0980000	8.0000000	1.6000000	90.0000000	90.0000000	60.0000000	228.7703947

10954	1.0980000	9.0000000	1.6000000	90.0000000	90.0000000	60.0000000	228.7860197
10955	1.0980000	10.0000000	1.6000000	90.0000000	90.0000000	60.0000000	228.8041547
10956	1.0980000	0.8000000	1.7000000	90.0000000	90.0000000	60.0000000	489.7544087
10957	1.0980000	0.9000000	1.7000000	90.0000000	90.0000000	60.0000000	268.8746507
10958	1.0980000	1.0000000	1.7000000	90.0000000	90.0000000	60.0000000	177.1843469
10959	1.0980000	1.1000000	1.7000000	90.0000000	90.0000000	60.0000000	152.4681293
10960	1.0980000	1.2000000	1.7000000	90.0000000	90.0000000	60.0000000	160.5502003
10961	1.0980000	1.3000000	1.7000000	90.0000000	90.0000000	60.0000000	182.4187800
10962	1.0980000	1.4000000	1.7000000	90.0000000	90.0000000	60.0000000	207.5467693
10963	1.0980000	1.5000000	1.7000000	90.0000000	90.0000000	60.0000000	230.5325041
10964	1.0980000	1.6000000	1.7000000	90.0000000	90.0000000	60.0000000	249.3606749
10965	1.0980000	1.7000000	1.7000000	90.0000000	90.0000000	60.0000000	263.7574364
10966	1.0980000	1.8000000	1.7000000	90.0000000	90.0000000	60.0000000	274.0093098
10967	1.0980000	2.0000000	1.7000000	90.0000000	90.0000000	60.0000000	284.7345135
10968	1.0980000	2.2000000	1.7000000	90.0000000	90.0000000	60.0000000	285.9964350
10969	1.0980000	2.4000000	1.7000000	90.0000000	90.0000000	60.0000000	281.6719535
10970	1.0980000	2.6000000	1.7000000	90.0000000	90.0000000	60.0000000	275.1119694
10971	1.0980000	2.8000000	1.7000000	90.0000000	90.0000000	60.0000000	268.1379546
10972	1.0980000	3.0000000	1.7000000	90.0000000	90.0000000	60.0000000	261.5343587
10973	1.0980000	3.5000000	1.7000000	90.0000000	90.0000000	60.0000000	248.1631358
10974	1.0980000	4.0000000	1.7000000	90.0000000	90.0000000	60.0000000	239.3945066
10975	1.0980000	4.5000000	1.7000000	90.0000000	90.0000000	60.0000000	234.1928296
10976	1.0980000	5.0000000	1.7000000	90.0000000	90.0000000	60.0000000	231.3474507
10977	1.0980000	5.5000000	1.7000000	90.0000000	90.0000000	60.0000000	229.9068144
10978	1.0980000	6.0000000	1.7000000	90.0000000	90.0000000	60.0000000	229.2293552
10979	1.0980000	7.0000000	1.7000000	90.0000000	90.0000000	60.0000000	228.8146969
10980	1.0980000	8.0000000	1.7000000	90.0000000	90.0000000	60.0000000	228.7704575
10981	1.0980000	9.0000000	1.7000000	90.0000000	90.0000000	60.0000000	228.7874630
10982	1.0980000	10.0000000	1.7000000	90.0000000	90.0000000	60.0000000	228.8051587
10983	1.0980000	0.8000000	1.8000000	90.0000000	90.0000000	60.0000000	446.3763104
10984	1.0980000	0.9000000	1.8000000	90.0000000	90.0000000	60.0000000	225.9672472
10985	1.0980000	1.0000000	1.8000000	90.0000000	90.0000000	60.0000000	135.4808202
10986	1.0980000	1.1000000	1.8000000	90.0000000	90.0000000	60.0000000	112.5769127
10987	1.0980000	1.2000000	1.8000000	90.0000000	90.0000000	60.0000000	122.9996568
10988	1.0980000	1.3000000	1.8000000	90.0000000	90.0000000	60.0000000	147.7015046
10989	1.0980000	1.4000000	1.8000000	90.0000000	90.0000000	60.0000000	176.1309467
10990	1.0980000	1.5000000	1.8000000	90.0000000	90.0000000	60.0000000	202.7199037
10991	1.0980000	1.6000000	1.8000000	90.0000000	90.0000000	60.0000000	225.0057772
10992	1.0980000	1.7000000	1.8000000	90.0000000	90.0000000	60.0000000	242.3953825
10993	1.0980000	1.8000000	1.8000000	90.0000000	90.0000000	60.0000000	255.0179865
10994	1.0980000	2.0000000	1.8000000	90.0000000	90.0000000	60.0000000	268.4483836
10995	1.0980000	2.2000000	1.8000000	90.0000000	90.0000000	60.0000000	271.4200174
10996	1.0980000	2.4000000	1.8000000	90.0000000	90.0000000	60.0000000	268.8939153
10997	1.0980000	2.6000000	1.8000000	90.0000000	90.0000000	60.0000000	264.2015877
10998	1.0980000	2.8000000	1.8000000	90.0000000	90.0000000	60.0000000	259.0168535
10999	1.0980000	3.0000000	1.8000000	90.0000000	90.0000000	60.0000000	254.0394483
11000	1.0980000	3.5000000	1.8000000	90.0000000	90.0000000	60.0000000	243.8468746
11001	1.0980000	4.0000000	1.8000000	90.0000000	90.0000000	60.0000000	237.0813185
11002	1.0980000	4.5000000	1.8000000	90.0000000	90.0000000	60.0000000	233.0309958
11003	1.0980000	5.0000000	1.8000000	90.0000000	90.0000000	60.0000000	230.8007016
11004	1.0980000	5.5000000	1.8000000	90.0000000	90.0000000	60.0000000	229.6654743
11005	1.0980000	6.0000000	1.8000000	90.0000000	90.0000000	60.0000000	229.1290792
11006	1.0980000	7.0000000	1.8000000	90.0000000	90.0000000	60.0000000	228.8012682
11007	1.0980000	8.0000000	1.8000000	90.0000000	90.0000000	60.0000000	228.7708968
11008	1.0980000	9.0000000	1.8000000	90.0000000	90.0000000	60.0000000	228.7889690
11009	1.0980000	10.0000000	1.8000000	90.0000000	90.0000000	60.0000000	228.8061628

11010	1.0980000	0.8000000	1.9000000	90.0000000	90.0000000	60.0000000	414.7020167
11011	1.0980000	0.9000000	1.9000000	90.0000000	90.0000000	60.0000000	194.3011739
11012	1.0980000	1.0000000	1.9000000	90.0000000	90.0000000	60.0000000	104.3530245
11013	1.0980000	1.1000000	1.9000000	90.0000000	90.0000000	60.0000000	82.4241413
11014	1.0980000	1.2000000	1.9000000	90.0000000	90.0000000	60.0000000	94.1930815
11015	1.0980000	1.3000000	1.9000000	90.0000000	90.0000000	60.0000000	120.5693754
11016	1.0980000	1.4000000	1.9000000	90.0000000	90.0000000	60.0000000	150.9730251
11017	1.0980000	1.5000000	1.9000000	90.0000000	90.0000000	60.0000000	179.7792241
11018	1.0980000	1.6000000	1.9000000	90.0000000	90.0000000	60.0000000	204.3606527
11019	1.0980000	1.7000000	1.9000000	90.0000000	90.0000000	60.0000000	223.9114634
11020	1.0980000	1.8000000	1.9000000	90.0000000	90.0000000	60.0000000	238.4649141
11021	1.0980000	2.0000000	1.9000000	90.0000000	90.0000000	60.0000000	254.6412298
11022	1.0980000	2.2000000	1.9000000	90.0000000	90.0000000	60.0000000	259.4140669
11023	1.0980000	2.4000000	1.9000000	90.0000000	90.0000000	60.0000000	258.5162891
11024	1.0980000	2.6000000	1.9000000	90.0000000	90.0000000	60.0000000	255.3920449
11025	1.0980000	2.8000000	1.9000000	90.0000000	90.0000000	60.0000000	251.6662074
11026	1.0980000	3.0000000	1.9000000	90.0000000	90.0000000	60.0000000	247.9977870
11027	1.0980000	3.5000000	1.9000000	90.0000000	90.0000000	60.0000000	240.3481328
11028	1.0980000	4.0000000	1.9000000	90.0000000	90.0000000	60.0000000	235.1918247
11029	1.0980000	4.5000000	1.9000000	90.0000000	90.0000000	60.0000000	232.0758009
11030	1.0980000	5.0000000	1.9000000	90.0000000	90.0000000	60.0000000	230.3487693
11031	1.0980000	5.5000000	1.9000000	90.0000000	90.0000000	60.0000000	229.4647967
11032	1.0980000	6.0000000	1.9000000	90.0000000	90.0000000	60.0000000	229.0453066
11033	1.0980000	7.0000000	1.9000000	90.0000000	90.0000000	60.0000000	228.7903495
11034	1.0980000	8.0000000	1.9000000	90.0000000	90.0000000	60.0000000	228.7717125
11035	1.0980000	9.0000000	1.9000000	90.0000000	90.0000000	60.0000000	228.7905378
11036	1.0980000	10.0000000	1.9000000	90.0000000	90.0000000	60.0000000	228.8071668
11037	1.0980000	0.8000000	2.0000000	90.0000000	90.0000000	60.0000000	391.7427000
11038	1.0980000	0.9000000	2.0000000	90.0000000	90.0000000	60.0000000	171.1358459
11039	1.0980000	1.0000000	2.0000000	90.0000000	90.0000000	60.0000000	81.3699254
11040	1.0980000	1.1000000	2.0000000	90.0000000	90.0000000	60.0000000	59.9447439
11041	1.0980000	1.2000000	2.0000000	90.0000000	90.0000000	60.0000000	72.4912311
11042	1.0980000	1.3000000	2.0000000	90.0000000	90.0000000	60.0000000	99.8864749
11043	1.0980000	1.4000000	2.0000000	90.0000000	90.0000000	60.0000000	131.5278244
11044	1.0980000	1.5000000	2.0000000	90.0000000	90.0000000	60.0000000	161.7609171
11045	1.0980000	1.6000000	2.0000000	90.0000000	90.0000000	60.0000000	187.8828187
11046	1.0980000	1.7000000	2.0000000	90.0000000	90.0000000	60.0000000	208.9658819
11047	1.0980000	1.8000000	2.0000000	90.0000000	90.0000000	60.0000000	224.9758449
11048	1.0980000	2.0000000	2.0000000	90.0000000	90.0000000	60.0000000	243.4933985
11049	1.0980000	2.2000000	2.0000000	90.0000000	90.0000000	60.0000000	249.8581016
11050	1.0980000	2.4000000	2.0000000	90.0000000	90.0000000	60.0000000	250.3060179
11051	1.0980000	2.6000000	2.0000000	90.0000000	90.0000000	60.0000000	248.4302666
11052	1.0980000	2.8000000	2.0000000	90.0000000	90.0000000	60.0000000	245.8507634
11053	1.0980000	3.0000000	2.0000000	90.0000000	90.0000000	60.0000000	243.2072542
11054	1.0980000	3.5000000	2.0000000	90.0000000	90.0000000	60.0000000	237.5523270
11055	1.0980000	4.0000000	2.0000000	90.0000000	90.0000000	60.0000000	233.6703652
11056	1.0980000	4.5000000	2.0000000	90.0000000	90.0000000	60.0000000	231.3020190
11057	1.0980000	5.0000000	2.0000000	90.0000000	90.0000000	60.0000000	229.9805468
11058	1.0980000	5.5000000	2.0000000	90.0000000	90.0000000	60.0000000	229.3003892
11059	1.0980000	6.0000000	2.0000000	90.0000000	90.0000000	60.0000000	228.9764061
11060	1.0980000	7.0000000	2.0000000	90.0000000	90.0000000	60.0000000	228.7818154
11061	1.0980000	8.0000000	2.0000000	90.0000000	90.0000000	60.0000000	228.7729048
11062	1.0980000	9.0000000	2.0000000	90.0000000	90.0000000	60.0000000	228.7921066
11063	1.0980000	10.0000000	2.0000000	90.0000000	90.0000000	60.0000000	228.8082335
11064	1.0980000	0.8000000	2.2000000	90.0000000	90.0000000	60.0000000	363.3465786
11065	1.0980000	0.9000000	2.2000000	90.0000000	90.0000000	60.0000000	142.1444062

11066	1.0980000	1.0000000	2.2000000	90.0000000	90.0000000	60.0000000	52.2796529
11067	1.0980000	1.1000000	2.2000000	90.0000000	90.0000000	60.0000000	31.1704851
11068	1.0980000	1.2000000	2.2000000	90.0000000	90.0000000	60.0000000	44.3922980
11069	1.0980000	1.3000000	2.2000000	90.0000000	90.0000000	60.0000000	72.7843407
11070	1.0980000	1.4000000	2.2000000	90.0000000	90.0000000	60.0000000	105.7179205
11071	1.0980000	1.5000000	2.2000000	90.0000000	90.0000000	60.0000000	137.5107507
11072	1.0980000	1.6000000	2.2000000	90.0000000	90.0000000	60.0000000	165.3950126
11073	1.0980000	1.7000000	2.2000000	90.0000000	90.0000000	60.0000000	188.3247109
11074	1.0980000	1.8000000	2.2000000	90.0000000	90.0000000	60.0000000	206.1837559
11075	1.0980000	2.0000000	2.2000000	90.0000000	90.0000000	60.0000000	228.0006289
11076	1.0980000	2.2000000	2.2000000	90.0000000	90.0000000	60.0000000	236.7088289
11077	1.0980000	2.4000000	2.2000000	90.0000000	90.0000000	60.0000000	239.0395873
11078	1.0980000	2.6000000	2.2000000	90.0000000	90.0000000	60.0000000	238.8594920
11079	1.0980000	2.8000000	2.2000000	90.0000000	90.0000000	60.0000000	237.8257329
11080	1.0980000	3.0000000	2.2000000	90.0000000	90.0000000	60.0000000	236.5666980
11081	1.0980000	3.5000000	2.2000000	90.0000000	90.0000000	60.0000000	233.6316479
11082	1.0980000	4.0000000	2.2000000	90.0000000	90.0000000	60.0000000	231.5154350
11083	1.0980000	4.5000000	2.2000000	90.0000000	90.0000000	60.0000000	230.1965983
11084	1.0980000	5.0000000	2.2000000	90.0000000	90.0000000	60.0000000	229.4499875
11085	1.0980000	5.5000000	2.2000000	90.0000000	90.0000000	60.0000000	229.0615591
11086	1.0980000	6.0000000	2.2000000	90.0000000	90.0000000	60.0000000	228.8761301
11087	1.0980000	7.0000000	2.2000000	90.0000000	90.0000000	60.0000000	228.7708968
11088	1.0980000	8.0000000	2.2000000	90.0000000	90.0000000	60.0000000	228.7761678
11089	1.0980000	9.0000000	2.2000000	90.0000000	90.0000000	60.0000000	228.7954324
11090	1.0980000	10.0000000	2.2000000	90.0000000	90.0000000	60.0000000	228.8104298
11091	1.0980000	0.8000000	2.4000000	90.0000000	90.0000000	60.0000000	348.8632206
11092	1.0980000	0.9000000	2.4000000	90.0000000	90.0000000	60.0000000	127.1231471
11093	1.0980000	1.0000000	2.4000000	90.0000000	90.0000000	60.0000000	36.9898197
11094	1.0980000	1.1000000	2.4000000	90.0000000	90.0000000	60.0000000	15.8398013
11095	1.0980000	1.2000000	2.4000000	90.0000000	90.0000000	60.0000000	29.2230096
11096	1.0980000	1.3000000	2.4000000	90.0000000	90.0000000	60.0000000	57.9621904
11097	1.0980000	1.4000000	2.4000000	90.0000000	90.0000000	60.0000000	91.4181091
11098	1.0980000	1.5000000	2.4000000	90.0000000	90.0000000	60.0000000	123.8983759
11099	1.0980000	1.6000000	2.4000000	90.0000000	90.0000000	60.0000000	152.6110132
11100	1.0980000	1.7000000	2.4000000	90.0000000	90.0000000	60.0000000	176.4597617
11101	1.0980000	1.8000000	2.4000000	90.0000000	90.0000000	60.0000000	195.2873677
11102	1.0980000	2.0000000	2.4000000	90.0000000	90.0000000	60.0000000	219.0077278
11103	1.0980000	2.2000000	2.4000000	90.0000000	90.0000000	60.0000000	229.1374878
11104	1.0980000	2.4000000	2.4000000	90.0000000	90.0000000	60.0000000	232.5597990
11105	1.0980000	2.6000000	2.4000000	90.0000000	90.0000000	60.0000000	233.3349615
11106	1.0980000	2.8000000	2.4000000	90.0000000	90.0000000	60.0000000	233.1682949
11107	1.0980000	3.0000000	2.4000000	90.0000000	90.0000000	60.0000000	232.6899445
11108	1.0980000	3.5000000	2.4000000	90.0000000	90.0000000	60.0000000	231.3105531
11109	1.0980000	4.0000000	2.4000000	90.0000000	90.0000000	60.0000000	230.2238949
11110	1.0980000	4.5000000	2.4000000	90.0000000	90.0000000	60.0000000	229.5261044
11111	1.0980000	5.0000000	2.4000000	90.0000000	90.0000000	60.0000000	229.1243101
11112	1.0980000	5.5000000	2.4000000	90.0000000	90.0000000	60.0000000	228.9139062
11113	1.0980000	6.0000000	2.4000000	90.0000000	90.0000000	60.0000000	228.8148851
11114	1.0980000	7.0000000	2.4000000	90.0000000	90.0000000	60.0000000	228.7666924
11115	1.0980000	9.0000000	2.4000000	90.0000000	90.0000000	60.0000000	228.7987582
11116	1.0980000	10.0000000	2.4000000	90.0000000	90.0000000	60.0000000	228.8125633
11117	1.0980000	0.8000000	2.6000000	90.0000000	90.0000000	60.0000000	341.5703683
11118	1.0980000	0.9000000	2.6000000	90.0000000	90.0000000	60.0000000	119.4499612
11119	1.0980000	1.0000000	2.6000000	90.0000000	90.0000000	60.0000000	29.0808787
11120	1.0980000	1.1000000	2.6000000	90.0000000	90.0000000	60.0000000	7.8184104
11121	1.0980000	1.2000000	2.6000000	90.0000000	90.0000000	60.0000000	21.2006146

11122	1.0980000	1.3000000	2.6000000	90.0000000	90.0000000	60.0000000	50.0437739
11123	1.0980000	1.4000000	2.6000000	90.0000000	90.0000000	60.0000000	83.7048253
11124	1.0980000	1.5000000	2.6000000	90.0000000	90.0000000	60.0000000	116.4881793
11125	1.0980000	1.6000000	2.6000000	90.0000000	90.0000000	60.0000000	145.5923197
11126	1.0980000	1.7000000	2.6000000	90.0000000	90.0000000	60.0000000	169.8973304
11127	1.0980000	1.8000000	2.6000000	90.0000000	90.0000000	60.0000000	189.2253124
11128	1.0980000	2.0000000	2.6000000	90.0000000	90.0000000	60.0000000	214.0022103
11129	1.0980000	2.2000000	2.6000000	90.0000000	90.0000000	60.0000000	224.9545724
11130	1.0980000	2.4000000	2.6000000	90.0000000	90.0000000	60.0000000	228.9867600
11131	1.0980000	2.6000000	2.6000000	90.0000000	90.0000000	60.0000000	230.2816258
11132	1.0980000	2.8000000	2.6000000	90.0000000	90.0000000	60.0000000	230.5837089
11133	1.0980000	3.0000000	2.6000000	90.0000000	90.0000000	60.0000000	230.5288018
11134	1.0980000	3.5000000	2.6000000	90.0000000	90.0000000	60.0000000	230.0015056
11135	1.0980000	4.0000000	2.6000000	90.0000000	90.0000000	60.0000000	229.4867595
11136	1.0980000	4.5000000	2.6000000	90.0000000	90.0000000	60.0000000	229.1388683
11137	1.0980000	5.0000000	2.6000000	90.0000000	90.0000000	60.0000000	228.9346139
11138	1.0980000	5.5000000	2.6000000	90.0000000	90.0000000	60.0000000	228.8283766
11139	1.0980000	6.0000000	2.6000000	90.0000000	90.0000000	60.0000000	228.7811251
11140	1.0980000	7.0000000	2.6000000	90.0000000	90.0000000	60.0000000	228.7671944
11141	1.0980000	8.0000000	2.6000000	90.0000000	90.0000000	60.0000000	228.7848275
11142	1.0980000	9.0000000	2.6000000	90.0000000	90.0000000	60.0000000	228.8020839
11143	1.0980000	10.0000000	2.6000000	90.0000000	90.0000000	60.0000000	228.8147596
11144	1.0980000	0.8000000	2.8000000	90.0000000	90.0000000	60.0000000	337.9539057
11145	1.0980000	0.9000000	2.8000000	90.0000000	90.0000000	60.0000000	115.5993748
11146	1.0980000	1.0000000	2.8000000	90.0000000	90.0000000	60.0000000	25.0714696
11147	1.0980000	1.1000000	2.8000000	90.0000000	90.0000000	60.0000000	3.7142474
11148	1.0980000	1.2000000	2.8000000	90.0000000	90.0000000	60.0000000	17.0605582
11149	1.0980000	1.3000000	2.8000000	90.0000000	90.0000000	60.0000000	45.9241742
11150	1.0980000	1.4000000	2.8000000	90.0000000	90.0000000	60.0000000	79.6615308
11151	1.0980000	1.5000000	2.8000000	90.0000000	90.0000000	60.0000000	112.5765362
11152	1.0980000	1.6000000	2.8000000	90.0000000	90.0000000	60.0000000	141.8638467
11153	1.0980000	1.7000000	2.8000000	90.0000000	90.0000000	60.0000000	166.3923135
11154	1.0980000	1.8000000	2.8000000	90.0000000	90.0000000	60.0000000	185.9741231
11155	1.0980000	2.0000000	2.8000000	90.0000000	90.0000000	60.0000000	211.3218035
11156	1.0980000	2.2000000	2.8000000	90.0000000	90.0000000	60.0000000	222.7345693
11157	1.0980000	2.4000000	2.8000000	90.0000000	90.0000000	60.0000000	227.0972034
11158	1.0980000	2.6000000	2.8000000	90.0000000	90.0000000	60.0000000	228.6652241
11159	1.0980000	2.8000000	2.8000000	90.0000000	90.0000000	60.0000000	229.2112829
11160	1.0980000	3.0000000	2.8000000	90.0000000	90.0000000	60.0000000	229.3766317
11161	1.0980000	3.5000000	2.8000000	90.0000000	90.0000000	60.0000000	229.2958712
11162	1.0980000	4.0000000	2.8000000	90.0000000	90.0000000	60.0000000	229.0848397
11163	1.0980000	4.5000000	2.8000000	90.0000000	90.0000000	60.0000000	228.9259543
11164	1.0980000	5.0000000	2.8000000	90.0000000	90.0000000	60.0000000	228.8308240
11165	1.0980000	5.5000000	2.8000000	90.0000000	90.0000000	60.0000000	228.7833842
11166	1.0980000	6.0000000	2.8000000	90.0000000	90.0000000	60.0000000	228.7656884
11167	1.0980000	7.0000000	2.8000000	90.0000000	90.0000000	60.0000000	228.7708340
11168	1.0980000	8.0000000	2.8000000	90.0000000	90.0000000	60.0000000	228.7895965
11169	1.0980000	9.0000000	2.8000000	90.0000000	90.0000000	60.0000000	228.8053470
11170	1.0980000	0.8000000	3.0000000	90.0000000	90.0000000	60.0000000	336.2015855
11171	1.0980000	0.9000000	3.0000000	90.0000000	90.0000000	60.0000000	113.7165327
11172	1.0980000	1.0000000	3.0000000	90.0000000	90.0000000	60.0000000	23.0951912
11173	1.0980000	1.1000000	3.0000000	90.0000000	90.0000000	60.0000000	1.6759712
11174	1.0980000	1.2000000	3.0000000	90.0000000	90.0000000	60.0000000	14.9895259
11175	1.0980000	1.3000000	3.0000000	90.0000000	90.0000000	60.0000000	43.8491886
11176	1.0980000	1.4000000	3.0000000	90.0000000	90.0000000	60.0000000	77.6115828
11177	1.0980000	1.5000000	3.0000000	90.0000000	90.0000000	60.0000000	110.5812443

11178	1.0980000	1.6000000	3.0000000	90.0000000	90.0000000	60.0000000	139.9516998
11179	1.0980000	1.7000000	3.0000000	90.0000000	90.0000000	60.0000000	164.5864039
11180	1.0980000	1.8000000	3.0000000	90.0000000	90.0000000	60.0000000	184.2929625
11181	1.0980000	2.0000000	3.0000000	90.0000000	90.0000000	60.0000000	209.9399650
11182	1.0980000	2.2000000	3.0000000	90.0000000	90.0000000	60.0000000	221.6022913
11183	1.0980000	2.4000000	3.0000000	90.0000000	90.0000000	60.0000000	226.1380552
11184	1.0980000	2.6000000	3.0000000	90.0000000	90.0000000	60.0000000	227.8444418
11185	1.0980000	2.8000000	3.0000000	90.0000000	90.0000000	60.0000000	228.5124256
11186	1.0980000	3.0000000	3.0000000	90.0000000	90.0000000	60.0000000	228.7877767
11187	1.0980000	3.5000000	3.0000000	90.0000000	90.0000000	60.0000000	228.9316019
11188	1.0980000	4.0000000	3.0000000	90.0000000	90.0000000	60.0000000	228.8760674
11189	1.0980000	4.5000000	3.0000000	90.0000000	90.0000000	60.0000000	228.8160146
11190	1.0980000	5.0000000	3.0000000	90.0000000	90.0000000	60.0000000	228.7790544
11191	1.0980000	5.5000000	3.0000000	90.0000000	90.0000000	60.0000000	228.7634294
11192	1.0980000	6.0000000	3.0000000	90.0000000	90.0000000	60.0000000	228.7617351
11193	1.0980000	7.0000000	3.0000000	90.0000000	90.0000000	60.0000000	228.7761678
11194	1.0980000	8.0000000	3.0000000	90.0000000	90.0000000	60.0000000	228.7943028
11195	1.0980000	0.8000000	3.5000000	90.0000000	90.0000000	60.0000000	334.8986248
11196	1.0980000	0.9000000	3.5000000	90.0000000	90.0000000	60.0000000	112.3043226
11197	1.0980000	1.0000000	3.5000000	90.0000000	90.0000000	60.0000000	21.6006519
11198	1.0980000	1.1000000	3.5000000	90.0000000	90.0000000	60.0000000	0.1218812
11199	1.0980000	1.2000000	3.5000000	90.0000000	90.0000000	60.0000000	13.3972833
11200	1.0980000	1.3000000	3.5000000	90.0000000	90.0000000	60.0000000	42.2405053
11201	1.0980000	1.4000000	3.5000000	90.0000000	90.0000000	60.0000000	76.0093001
11202	1.0980000	1.5000000	3.5000000	90.0000000	90.0000000	60.0000000	109.0094586
11203	1.0980000	1.6000000	3.5000000	90.0000000	90.0000000	60.0000000	138.4345074
11204	1.0980000	1.7000000	3.5000000	90.0000000	90.0000000	60.0000000	163.1435714
11205	1.0980000	1.8000000	3.5000000	90.0000000	90.0000000	60.0000000	182.9421229
11206	1.0980000	2.0000000	3.5000000	90.0000000	90.0000000	60.0000000	208.8368032
11207	1.0980000	2.2000000	3.5000000	90.0000000	90.0000000	60.0000000	220.7163734
11208	1.0980000	2.4000000	3.5000000	90.0000000	90.0000000	60.0000000	225.3955861
11209	1.0980000	2.6000000	3.5000000	90.0000000	90.0000000	60.0000000	227.2107199
11210	1.0980000	2.8000000	3.5000000	90.0000000	90.0000000	60.0000000	227.9724537
11211	1.0980000	3.0000000	3.5000000	90.0000000	90.0000000	60.0000000	228.3325187
11212	1.0980000	3.5000000	3.5000000	90.0000000	90.0000000	60.0000000	228.6523602
11213	1.0980000	4.0000000	3.5000000	90.0000000	90.0000000	60.0000000	228.7220138
11214	1.0980000	4.5000000	3.5000000	90.0000000	90.0000000	60.0000000	228.7432864
11215	1.0980000	5.0000000	3.5000000	90.0000000	90.0000000	60.0000000	228.7544560
11216	1.0980000	5.5000000	3.5000000	90.0000000	90.0000000	60.0000000	228.7643707
11217	1.0980000	6.0000000	3.5000000	90.0000000	90.0000000	60.0000000	228.7740343
11218	1.0980000	7.0000000	3.5000000	90.0000000	90.0000000	60.0000000	228.7912908
11219	1.0980000	8.0000000	3.5000000	90.0000000	90.0000000	60.0000000	228.8052842
11220	1.0980000	0.8000000	4.0000000	90.0000000	90.0000000	60.0000000	334.7435673
11221	1.0980000	0.9000000	4.0000000	90.0000000	90.0000000	60.0000000	112.1333263
11222	1.0980000	1.0000000	4.0000000	90.0000000	90.0000000	60.0000000	21.4188625
11223	1.0980000	1.1000000	4.0000000	90.0000000	90.0000000	60.0000000	-0.0670620
11224	1.0980000	1.2000000	4.0000000	90.0000000	90.0000000	60.0000000	13.2043870
11225	1.0980000	1.3000000	4.0000000	90.0000000	90.0000000	60.0000000	42.0462912
11226	1.0980000	1.4000000	4.0000000	90.0000000	90.0000000	60.0000000	75.8162155
11227	1.0980000	1.5000000	4.0000000	90.0000000	90.0000000	60.0000000	108.8200763
11228	1.0980000	1.6000000	4.0000000	90.0000000	90.0000000	60.0000000	138.2510863
11229	1.0980000	1.7000000	4.0000000	90.0000000	90.0000000	60.0000000	162.9676805
11230	1.0980000	1.8000000	4.0000000	90.0000000	90.0000000	60.0000000	182.7755191
11231	1.0980000	2.0000000	4.0000000	90.0000000	90.0000000	60.0000000	208.7054028
11232	1.0980000	2.2000000	4.0000000	90.0000000	90.0000000	60.0000000	220.6204272
11233	1.0980000	2.4000000	4.0000000	90.0000000	90.0000000	60.0000000	225.3216654

11234	1.0980000	2.6000000	4.0000000	90.0000000	90.0000000	60.0000000	227.1519223
11235	1.0980000	2.8000000	4.0000000	90.0000000	90.0000000	60.0000000	227.9261435
11236	1.0980000	3.0000000	4.0000000	90.0000000	90.0000000	60.0000000	228.2975036
11237	1.0980000	3.5000000	4.0000000	90.0000000	90.0000000	60.0000000	228.6411278
11238	1.0980000	4.0000000	4.0000000	90.0000000	90.0000000	60.0000000	228.7271594
11239	1.0980000	4.5000000	4.0000000	90.0000000	90.0000000	60.0000000	228.7577818
11240	1.0980000	5.0000000	4.0000000	90.0000000	90.0000000	60.0000000	228.7730303
11241	1.0980000	5.5000000	4.0000000	90.0000000	90.0000000	60.0000000	228.7835097
11242	1.0980000	6.0000000	4.0000000	90.0000000	90.0000000	60.0000000	228.7918556
11243	1.0980000	7.0000000	4.0000000	90.0000000	90.0000000	60.0000000	228.8046567
11244	1.0980000	8.0000000	4.0000000	90.0000000	90.0000000	60.0000000	228.8146969
11245	1.0980000	0.8000000	10.0000000	90.0000000	90.0000000	60.0000000	334.8033061
11246	1.0980000	0.9000000	10.0000000	90.0000000	90.0000000	60.0000000	112.1857860
11247	1.0980000	1.0000000	10.0000000	90.0000000	90.0000000	60.0000000	21.4733930
11248	1.0980000	1.1000000	10.0000000	90.0000000	90.0000000	60.0000000	-0.0051895
11249	1.0980000	1.2000000	10.0000000	90.0000000	90.0000000	60.0000000	13.2766760
11250	1.0980000	1.3000000	10.0000000	90.0000000	90.0000000	60.0000000	42.1300009
11251	1.0980000	1.4000000	10.0000000	90.0000000	90.0000000	60.0000000	75.9103419
11252	1.0980000	1.5000000	10.0000000	90.0000000	90.0000000	60.0000000	108.9219211
11253	1.0980000	1.6000000	10.0000000	90.0000000	90.0000000	60.0000000	138.3565707
11254	1.0980000	1.7000000	10.0000000	90.0000000	90.0000000	60.0000000	163.0716589
11255	1.0980000	1.8000000	10.0000000	90.0000000	90.0000000	60.0000000	182.8742263
11256	1.0980000	2.0000000	10.0000000	90.0000000	90.0000000	60.0000000	208.7951994
11257	1.0980000	2.2000000	10.0000000	90.0000000	90.0000000	60.0000000	220.7066470
11258	1.0980000	2.4000000	10.0000000	90.0000000	90.0000000	60.0000000	225.4053125
11259	1.0980000	2.6000000	10.0000000	90.0000000	90.0000000	60.0000000	227.2328710
11260	1.0980000	2.8000000	10.0000000	90.0000000	90.0000000	60.0000000	228.0046449
11261	1.0980000	3.0000000	10.0000000	90.0000000	90.0000000	60.0000000	228.3739343
11262	1.0980000	3.5000000	10.0000000	90.0000000	90.0000000	60.0000000	228.7134169
11263	1.0980000	6.0000000	10.0000000	90.0000000	90.0000000	60.0000000	228.8335850
11264	1.0980000	7.0000000	10.0000000	90.0000000	90.0000000	60.0000000	228.8352165
11265	1.0980000	8.0000000	10.0000000	90.0000000	90.0000000	60.0000000	228.8356558
11266	1.0980000	9.0000000	10.0000000	90.0000000	90.0000000	60.0000000	228.8358440
11267	1.0980000	10.0000000	10.0000000	90.0000000	90.0000000	60.0000000	228.8359068
11268	0.8980000	0.8000000	1.0000000	90.0000000	90.0000000	60.0000000	1436.7912049
11269	0.8980000	0.9000000	1.0000000	90.0000000	90.0000000	60.0000000	1113.9548998
11270	0.8980000	1.0000000	1.0000000	90.0000000	90.0000000	60.0000000	921.9781654
11271	0.8980000	1.1000000	1.0000000	90.0000000	90.0000000	60.0000000	803.8384000
11272	0.8980000	1.2000000	1.0000000	90.0000000	90.0000000	60.0000000	728.4303355
11273	0.8980000	1.3000000	1.0000000	90.0000000	90.0000000	60.0000000	678.2760760
11274	0.8980000	1.4000000	1.0000000	90.0000000	90.0000000	60.0000000	643.3854825
11275	0.8980000	1.5000000	1.0000000	90.0000000	90.0000000	60.0000000	618.0882539
11276	0.8980000	1.6000000	1.0000000	90.0000000	90.0000000	60.0000000	599.2093175
11277	0.8980000	1.7000000	1.0000000	90.0000000	90.0000000	60.0000000	584.9320965
11278	0.8980000	1.8000000	1.0000000	90.0000000	90.0000000	60.0000000	574.1194180
11279	0.8980000	2.0000000	1.0000000	90.0000000	90.0000000	60.0000000	559.7655780
11280	0.8980000	2.2000000	1.0000000	90.0000000	90.0000000	60.0000000	550.8693762
11281	0.8980000	2.4000000	1.0000000	90.0000000	90.0000000	60.0000000	543.0787206
11282	0.8980000	2.6000000	1.0000000	90.0000000	90.0000000	60.0000000	529.6821463
11283	0.8980000	2.8000000	1.0000000	90.0000000	90.0000000	60.0000000	509.8612556
11284	0.8980000	3.0000000	1.0000000	90.0000000	90.0000000	60.0000000	484.0090575
11285	0.8980000	3.5000000	1.0000000	90.0000000	90.0000000	60.0000000	423.3509170
11286	0.8980000	4.0000000	1.0000000	90.0000000	90.0000000	60.0000000	384.3112308
11287	0.8980000	4.5000000	1.0000000	90.0000000	90.0000000	60.0000000	363.1162198
11288	0.8980000	5.0000000	1.0000000	90.0000000	90.0000000	60.0000000	352.5170828
11289	0.8980000	5.5000000	1.0000000	90.0000000	90.0000000	60.0000000	347.5098082

11290	0.8980000	6.0000000	1.0000000	90.0000000	90.0000000	60.0000000	345.2764392
11291	0.8980000	7.0000000	1.0000000	90.0000000	90.0000000	60.0000000	343.9702782
11292	0.8980000	8.0000000	1.0000000	90.0000000	90.0000000	60.0000000	343.7957679
11293	0.8980000	9.0000000	1.0000000	90.0000000	90.0000000	60.0000000	343.7989054
11294	0.8980000	10.0000000	1.0000000	90.0000000	90.0000000	60.0000000	343.8193622
11295	0.8980000	0.8000000	1.1000000	90.0000000	90.0000000	60.0000000	1301.8603528
11296	0.8980000	0.9000000	1.1000000	90.0000000	90.0000000	60.0000000	994.5748620
11297	0.8980000	1.0000000	1.1000000	90.0000000	90.0000000	60.0000000	816.5906475
11298	0.8980000	1.1000000	1.1000000	90.0000000	90.0000000	60.0000000	711.1464656
11299	0.8980000	1.2000000	1.1000000	90.0000000	90.0000000	60.0000000	647.4040532
11300	0.8980000	1.3000000	1.1000000	90.0000000	90.0000000	60.0000000	608.0746459
11301	0.8980000	1.4000000	1.1000000	90.0000000	90.0000000	60.0000000	583.2219449
11302	0.8980000	1.5000000	1.1000000	90.0000000	90.0000000	60.0000000	567.1333550
11303	0.8980000	1.6000000	1.1000000	90.0000000	90.0000000	60.0000000	556.5589419
11304	0.8980000	1.7000000	1.1000000	90.0000000	90.0000000	60.0000000	549.6222012
11305	0.8980000	1.8000000	1.1000000	90.0000000	90.0000000	60.0000000	545.1655661
11306	0.8980000	2.0000000	1.1000000	90.0000000	90.0000000	60.0000000	540.7246188
11307	0.8980000	2.2000000	1.1000000	90.0000000	90.0000000	60.0000000	538.8474242
11308	0.8980000	2.4000000	1.1000000	90.0000000	90.0000000	60.0000000	538.9712318
11309	0.8980000	2.6000000	1.1000000	90.0000000	90.0000000	60.0000000	518.6858586
11310	0.8980000	2.8000000	1.1000000	90.0000000	90.0000000	60.0000000	492.2294316
11311	0.8980000	3.0000000	1.1000000	90.0000000	90.0000000	60.0000000	465.5206204
11312	0.8980000	3.5000000	1.1000000	90.0000000	90.0000000	60.0000000	411.4035759
11313	0.8980000	4.0000000	1.1000000	90.0000000	90.0000000	60.0000000	378.2746524
11314	0.8980000	4.5000000	1.1000000	90.0000000	90.0000000	60.0000000	360.3374196
11315	0.8980000	5.0000000	1.1000000	90.0000000	90.0000000	60.0000000	351.3021617
11316	0.8980000	5.5000000	1.1000000	90.0000000	90.0000000	60.0000000	347.0023413
11317	0.8980000	6.0000000	1.1000000	90.0000000	90.0000000	60.0000000	345.0750715
11318	0.8980000	7.0000000	1.1000000	90.0000000	90.0000000	60.0000000	343.9432326
11319	0.8980000	8.0000000	1.1000000	90.0000000	90.0000000	60.0000000	343.7936971
11320	0.8980000	9.0000000	1.1000000	90.0000000	90.0000000	60.0000000	343.7997212
11321	0.8980000	10.0000000	1.1000000	90.0000000	90.0000000	60.0000000	343.8201152
11322	0.8980000	0.8000000	1.2000000	90.0000000	90.0000000	60.0000000	1200.5436144
11323	0.8980000	0.9000000	1.2000000	90.0000000	90.0000000	60.0000000	917.4599717
11324	0.8980000	1.0000000	1.2000000	90.0000000	90.0000000	60.0000000	748.9551663
11325	0.8980000	1.1000000	1.2000000	90.0000000	90.0000000	60.0000000	651.6707412
11326	0.8980000	1.2000000	1.2000000	90.0000000	90.0000000	60.0000000	595.1279331
11327	0.8980000	1.3000000	1.2000000	90.0000000	90.0000000	60.0000000	562.3671068
11328	0.8980000	1.4000000	1.2000000	90.0000000	90.0000000	60.0000000	543.5742021
11329	0.8980000	1.5000000	1.2000000	90.0000000	90.0000000	60.0000000	533.0334862
11330	0.8980000	1.6000000	1.2000000	90.0000000	90.0000000	60.0000000	527.4491539
11331	0.8980000	1.7000000	1.2000000	90.0000000	90.0000000	60.0000000	524.8997084
11332	0.8980000	1.8000000	1.2000000	90.0000000	90.0000000	60.0000000	524.2033612
11333	0.8980000	2.0000000	1.2000000	90.0000000	90.0000000	60.0000000	525.4413118
11334	0.8980000	2.2000000	1.2000000	90.0000000	90.0000000	60.0000000	536.0203686
11335	0.8980000	2.4000000	1.2000000	90.0000000	90.0000000	60.0000000	521.0468002
11336	0.8980000	2.6000000	1.2000000	90.0000000	90.0000000	60.0000000	495.6622850
11337	0.8980000	2.8000000	1.2000000	90.0000000	90.0000000	60.0000000	469.7982898
11338	0.8980000	3.0000000	1.2000000	90.0000000	90.0000000	60.0000000	445.9999929
11339	0.8980000	3.5000000	1.2000000	90.0000000	90.0000000	60.0000000	400.2305814
11340	0.8980000	4.0000000	1.2000000	90.0000000	90.0000000	60.0000000	372.7191228
11341	0.8980000	4.5000000	1.2000000	90.0000000	90.0000000	60.0000000	357.7682703
11342	0.8980000	5.0000000	1.2000000	90.0000000	90.0000000	60.0000000	350.1696326
11343	0.8980000	5.5000000	1.2000000	90.0000000	90.0000000	60.0000000	346.5263754
11344	0.8980000	6.0000000	1.2000000	90.0000000	90.0000000	60.0000000	344.8852498
11345	0.8980000	7.0000000	1.2000000	90.0000000	90.0000000	60.0000000	343.9175675

11346	0.8980000	8.0000000	1.2000000	90.0000000	90.0000000	60.0000000	343.7919401
11347	0.8980000	9.0000000	1.2000000	90.0000000	90.0000000	60.0000000	343.8006625
11348	0.8980000	10.0000000	1.2000000	90.0000000	90.0000000	60.0000000	343.8209310
11349	0.8980000	0.8000000	1.3000000	90.0000000	90.0000000	60.0000000	1023.4378756
11350	0.8980000	0.9000000	1.3000000	90.0000000	90.0000000	60.0000000	781.7863867
11351	0.8980000	1.0000000	1.3000000	90.0000000	90.0000000	60.0000000	660.2184744
11352	0.8980000	1.1000000	1.3000000	90.0000000	90.0000000	60.0000000	595.8364416
11353	0.8980000	1.2000000	1.3000000	90.0000000	90.0000000	60.0000000	557.2504636
11354	0.8980000	1.3000000	1.3000000	90.0000000	90.0000000	60.0000000	530.5835574
11355	0.8980000	1.4000000	1.3000000	90.0000000	90.0000000	60.0000000	515.6761725
11356	0.8980000	1.5000000	1.3000000	90.0000000	90.0000000	60.0000000	508.6017563
11357	0.8980000	1.6000000	1.3000000	90.0000000	90.0000000	60.0000000	506.1179420
11358	0.8980000	1.7000000	1.3000000	90.0000000	90.0000000	60.0000000	506.2865412
11359	0.8980000	1.8000000	1.3000000	90.0000000	90.0000000	60.0000000	507.9031123
11360	0.8980000	2.0000000	1.3000000	90.0000000	90.0000000	60.0000000	512.4720778
11361	0.8980000	2.2000000	1.3000000	90.0000000	90.0000000	60.0000000	513.4010805
11362	0.8980000	2.4000000	1.3000000	90.0000000	90.0000000	60.0000000	492.6573366
11363	0.8980000	2.6000000	1.3000000	90.0000000	90.0000000	60.0000000	469.5127416
11364	0.8980000	2.8000000	1.3000000	90.0000000	90.0000000	60.0000000	447.3745461
11365	0.8980000	3.0000000	1.3000000	90.0000000	90.0000000	60.0000000	427.5798226
11366	0.8980000	3.5000000	1.3000000	90.0000000	90.0000000	60.0000000	390.1607737
11367	0.8980000	4.0000000	1.3000000	90.0000000	90.0000000	60.0000000	367.7300460
11368	0.8980000	4.5000000	1.3000000	90.0000000	90.0000000	60.0000000	355.4429901
11369	0.8980000	5.0000000	1.3000000	90.0000000	90.0000000	60.0000000	349.1356601
11370	0.8980000	5.5000000	1.3000000	90.0000000	90.0000000	60.0000000	346.0890012
11371	0.8980000	6.0000000	1.3000000	90.0000000	90.0000000	60.0000000	344.7099111
11372	0.8980000	7.0000000	1.3000000	90.0000000	90.0000000	60.0000000	343.8936782
11373	0.8980000	8.0000000	1.3000000	90.0000000	90.0000000	60.0000000	343.7904654
11374	0.8980000	9.0000000	1.3000000	90.0000000	90.0000000	60.0000000	343.8016476
11375	0.8980000	10.0000000	1.3000000	90.0000000	90.0000000	60.0000000	343.8217781
11376	0.8980000	0.8000000	1.4000000	90.0000000	90.0000000	60.0000000	871.8190113
11377	0.8980000	0.9000000	1.4000000	90.0000000	90.0000000	60.0000000	642.7873404
11378	0.8980000	1.0000000	1.4000000	90.0000000	90.0000000	60.0000000	538.7050423
11379	0.8980000	1.1000000	1.4000000	90.0000000	90.0000000	60.0000000	497.6004108
11380	0.8980000	1.2000000	1.4000000	90.0000000	90.0000000	60.0000000	484.7635122
11381	0.8980000	1.3000000	1.4000000	90.0000000	90.0000000	60.0000000	482.4367070
11382	0.8980000	1.4000000	1.4000000	90.0000000	90.0000000	60.0000000	484.0783346
11383	0.8980000	1.5000000	1.4000000	90.0000000	90.0000000	60.0000000	486.7963291
11384	0.8980000	1.6000000	1.4000000	90.0000000	90.0000000	60.0000000	489.7128049
11385	0.8980000	1.7000000	1.4000000	90.0000000	90.0000000	60.0000000	492.7377771
11386	0.8980000	1.8000000	1.4000000	90.0000000	90.0000000	60.0000000	494.9915401
11387	0.8980000	2.0000000	1.4000000	90.0000000	90.0000000	60.0000000	493.3039161
11388	0.8980000	2.2000000	1.4000000	90.0000000	90.0000000	60.0000000	481.5310226
11389	0.8980000	2.4000000	1.4000000	90.0000000	90.0000000	60.0000000	463.8035034
11390	0.8980000	2.6000000	1.4000000	90.0000000	90.0000000	60.0000000	444.8615025
11391	0.8980000	2.8000000	1.4000000	90.0000000	90.0000000	60.0000000	427.0279970
11392	0.8980000	3.0000000	1.4000000	90.0000000	90.0000000	60.0000000	411.1972507
11393	0.8980000	3.5000000	1.4000000	90.0000000	90.0000000	60.0000000	381.3438641
11394	0.8980000	4.0000000	1.4000000	90.0000000	90.0000000	60.0000000	363.3450098
11395	0.8980000	4.5000000	1.4000000	90.0000000	90.0000000	60.0000000	353.3790298
11396	0.8980000	5.0000000	1.4000000	90.0000000	90.0000000	60.0000000	348.2097322
11397	0.8980000	5.5000000	1.4000000	90.0000000	90.0000000	60.0000000	345.6948625
11398	0.8980000	6.0000000	1.4000000	90.0000000	90.0000000	60.0000000	344.5510383
11399	0.8980000	7.0000000	1.4000000	90.0000000	90.0000000	60.0000000	343.8719475
11400	0.8980000	8.0000000	1.4000000	90.0000000	90.0000000	60.0000000	343.7893673
11401	0.8980000	9.0000000	1.4000000	90.0000000	90.0000000	60.0000000	343.8027332

11402	0.8980000	10.0000000	1.4000000	90.0000000	90.0000000	60.0000000	343.8226880
11403	0.8980000	0.8000000	1.5000000	90.0000000	90.0000000	60.0000000	755.5209863
11404	0.8980000	0.9000000	1.5000000	90.0000000	90.0000000	60.0000000	532.0172346
11405	0.8980000	1.0000000	1.5000000	90.0000000	90.0000000	60.0000000	435.5164432
11406	0.8980000	1.1000000	1.5000000	90.0000000	90.0000000	60.0000000	404.1847696
11407	0.8980000	1.2000000	1.5000000	90.0000000	90.0000000	60.0000000	404.0125183
11408	0.8980000	1.3000000	1.5000000	90.0000000	90.0000000	60.0000000	415.9944351
11409	0.8980000	1.4000000	1.5000000	90.0000000	90.0000000	60.0000000	430.0366539
11410	0.8980000	1.5000000	1.5000000	90.0000000	90.0000000	60.0000000	442.2282217
11411	0.8980000	1.6000000	1.5000000	90.0000000	90.0000000	60.0000000	451.3737331
11412	0.8980000	1.7000000	1.5000000	90.0000000	90.0000000	60.0000000	457.3929922
11413	0.8980000	1.8000000	1.5000000	90.0000000	90.0000000	60.0000000	460.8227080
11414	0.8980000	2.0000000	1.5000000	90.0000000	90.0000000	60.0000000	460.4658433
11415	0.8980000	2.2000000	1.5000000	90.0000000	90.0000000	60.0000000	451.5720261
11416	0.8980000	2.4000000	1.5000000	90.0000000	90.0000000	60.0000000	437.9727662
11417	0.8980000	2.6000000	1.5000000	90.0000000	90.0000000	60.0000000	423.3286404
11418	0.8980000	2.8000000	1.5000000	90.0000000	90.0000000	60.0000000	409.4864716
11419	0.8980000	3.0000000	1.5000000	90.0000000	90.0000000	60.0000000	397.1653859
11420	0.8980000	3.5000000	1.5000000	90.0000000	90.0000000	60.0000000	373.8044005
11421	0.8980000	4.0000000	1.5000000	90.0000000	90.0000000	60.0000000	359.5637632
11422	0.8980000	4.5000000	1.5000000	90.0000000	90.0000000	60.0000000	351.5797719
11423	0.8980000	5.0000000	1.5000000	90.0000000	90.0000000	60.0000000	347.3955387
11424	0.8980000	5.5000000	1.5000000	90.0000000	90.0000000	60.0000000	345.3460928
11425	0.8980000	6.0000000	1.5000000	90.0000000	90.0000000	60.0000000	344.4095977
11426	0.8980000	7.0000000	1.5000000	90.0000000	90.0000000	60.0000000	343.8526830
11427	0.8980000	8.0000000	1.5000000	90.0000000	90.0000000	60.0000000	343.7886143
11428	0.8980000	9.0000000	1.5000000	90.0000000	90.0000000	60.0000000	343.8039883
11429	0.8980000	10.0000000	1.5000000	90.0000000	90.0000000	60.0000000	343.8236293
11430	0.8980000	0.8000000	1.6000000	90.0000000	90.0000000	60.0000000	669.3060791
11431	0.8980000	0.9000000	1.6000000	90.0000000	90.0000000	60.0000000	448.2427746
11432	0.8980000	1.0000000	1.6000000	90.0000000	90.0000000	60.0000000	355.5149465
11433	0.8980000	1.1000000	1.6000000	90.0000000	90.0000000	60.0000000	329.0687481
11434	0.8980000	1.2000000	1.6000000	90.0000000	90.0000000	60.0000000	334.8386976
11435	0.8980000	1.3000000	1.6000000	90.0000000	90.0000000	60.0000000	353.8811629
11436	0.8980000	1.4000000	1.6000000	90.0000000	90.0000000	60.0000000	375.7366903
11437	0.8980000	1.5000000	1.6000000	90.0000000	90.0000000	60.0000000	395.1753651
11438	0.8980000	1.6000000	1.6000000	90.0000000	90.0000000	60.0000000	410.3767821
11439	0.8980000	1.7000000	1.6000000	90.0000000	90.0000000	60.0000000	421.0017098
11440	0.8980000	1.8000000	1.6000000	90.0000000	90.0000000	60.0000000	427.4580920
11441	0.8980000	2.0000000	1.6000000	90.0000000	90.0000000	60.0000000	430.9799889
11442	0.8980000	2.2000000	1.6000000	90.0000000	90.0000000	60.0000000	425.8199786
11443	0.8980000	2.4000000	1.6000000	90.0000000	90.0000000	60.0000000	416.1750324
11444	0.8980000	2.6000000	1.6000000	90.0000000	90.0000000	60.0000000	405.3077606
11445	0.8980000	2.8000000	1.6000000	90.0000000	90.0000000	60.0000000	394.8569041
11446	0.8980000	3.0000000	1.6000000	90.0000000	90.0000000	60.0000000	385.4701153
11447	0.8980000	3.5000000	1.6000000	90.0000000	90.0000000	60.0000000	367.4841250
11448	0.8980000	4.0000000	1.6000000	90.0000000	90.0000000	60.0000000	356.3585076
11449	0.8980000	4.5000000	1.6000000	90.0000000	90.0000000	60.0000000	350.0374164
11450	0.8980000	5.0000000	1.6000000	90.0000000	90.0000000	60.0000000	346.6918496
11451	0.8980000	5.5000000	1.6000000	90.0000000	90.0000000	60.0000000	345.0428174
11452	0.8980000	6.0000000	1.6000000	90.0000000	90.0000000	60.0000000	344.2859156
11453	0.8980000	7.0000000	1.6000000	90.0000000	90.0000000	60.0000000	343.8358030
11454	0.8980000	8.0000000	1.6000000	90.0000000	90.0000000	60.0000000	343.7882378
11455	0.8980000	9.0000000	1.6000000	90.0000000	90.0000000	60.0000000	343.8052433
11456	0.8980000	10.0000000	1.6000000	90.0000000	90.0000000	60.0000000	343.8246333
11457	0.8980000	0.8000000	1.7000000	90.0000000	90.0000000	60.0000000	606.4114948

11458	0.8980000	0.9000000	1.7000000	90.0000000	90.0000000	60.0000000	386.2907095
11459	0.8980000	1.0000000	1.7000000	90.0000000	90.0000000	60.0000000	295.4598426
11460	0.8980000	1.1000000	1.7000000	90.0000000	90.0000000	60.0000000	271.6816888
11461	0.8980000	1.2000000	1.7000000	90.0000000	90.0000000	60.0000000	280.7721676
11462	0.8980000	1.3000000	1.7000000	90.0000000	90.0000000	60.0000000	303.7286604
11463	0.8980000	1.4000000	1.7000000	90.0000000	90.0000000	60.0000000	330.0315358
11464	0.8980000	1.5000000	1.7000000	90.0000000	90.0000000	60.0000000	354.1747745
11465	0.8980000	1.6000000	1.7000000	90.0000000	90.0000000	60.0000000	373.8301911
11466	0.8980000	1.7000000	1.7000000	90.0000000	90.0000000	60.0000000	388.4573114
11467	0.8980000	1.8000000	1.7000000	90.0000000	90.0000000	60.0000000	398.2073026
11468	0.8980000	2.0000000	1.7000000	90.0000000	90.0000000	60.0000000	406.2731212
11469	0.8980000	2.2000000	1.7000000	90.0000000	90.0000000	60.0000000	404.7007707
11470	0.8980000	2.4000000	1.7000000	90.0000000	90.0000000	60.0000000	398.4232914
11471	0.8980000	2.6000000	1.7000000	90.0000000	90.0000000	60.0000000	390.6533436
11472	0.8980000	2.8000000	1.7000000	90.0000000	90.0000000	60.0000000	382.9489705
11473	0.8980000	3.0000000	1.7000000	90.0000000	90.0000000	60.0000000	375.9277670
11474	0.8980000	3.5000000	1.7000000	90.0000000	90.0000000	60.0000000	362.2753572
11475	0.8980000	4.0000000	1.7000000	90.0000000	90.0000000	60.0000000	353.6836857
11476	0.8980000	4.5000000	1.7000000	90.0000000	90.0000000	60.0000000	348.7362754
11477	0.8980000	5.0000000	1.7000000	90.0000000	90.0000000	60.0000000	346.0936448
11478	0.8980000	5.5000000	1.7000000	90.0000000	90.0000000	60.0000000	344.7833423
11479	0.8980000	6.0000000	1.7000000	90.0000000	90.0000000	60.0000000	344.1795527
11480	0.8980000	7.0000000	1.7000000	90.0000000	90.0000000	60.0000000	343.8214330
11481	0.8980000	8.0000000	1.7000000	90.0000000	90.0000000	60.0000000	343.7882378
11482	0.8980000	9.0000000	1.7000000	90.0000000	90.0000000	60.0000000	343.8066238
11483	0.8980000	10.0000000	1.7000000	90.0000000	90.0000000	60.0000000	343.8257001
11484	0.8980000	0.8000000	1.8000000	90.0000000	90.0000000	60.0000000	560.9691412
11485	0.8980000	0.9000000	1.8000000	90.0000000	90.0000000	60.0000000	341.0425073
11486	0.8980000	1.0000000	1.8000000	90.0000000	90.0000000	60.0000000	251.1057787
11487	0.8980000	1.1000000	1.8000000	90.0000000	90.0000000	60.0000000	228.7913535
11488	0.8980000	1.2000000	1.8000000	90.0000000	90.0000000	60.0000000	239.8231584
11489	0.8980000	1.3000000	1.8000000	90.0000000	90.0000000	60.0000000	265.1399026
11490	0.8980000	1.4000000	1.8000000	90.0000000	90.0000000	60.0000000	294.1805390
11491	0.8980000	1.5000000	1.8000000	90.0000000	90.0000000	60.0000000	321.3501305
11492	0.8980000	1.6000000	1.8000000	90.0000000	90.0000000	60.0000000	344.0978509
11493	0.8980000	1.7000000	1.8000000	90.0000000	90.0000000	60.0000000	361.6923381
11494	0.8980000	1.8000000	1.8000000	90.0000000	90.0000000	60.0000000	374.1713679
11495	0.8980000	2.0000000	1.8000000	90.0000000	90.0000000	60.0000000	386.3838947
11496	0.8980000	2.2000000	1.8000000	90.0000000	90.0000000	60.0000000	387.8862778
11497	0.8980000	2.4000000	1.8000000	90.0000000	90.0000000	60.0000000	384.3164392
11498	0.8980000	2.6000000	1.8000000	90.0000000	90.0000000	60.0000000	378.9876915
11499	0.8980000	2.8000000	1.8000000	90.0000000	90.0000000	60.0000000	373.4390644
11500	0.8980000	3.0000000	1.8000000	90.0000000	90.0000000	60.0000000	368.2758537
11501	0.8980000	3.5000000	1.8000000	90.0000000	90.0000000	60.0000000	358.0460061
11502	0.8980000	4.0000000	1.8000000	90.0000000	90.0000000	60.0000000	351.4838257
11503	0.8980000	4.5000000	1.8000000	90.0000000	90.0000000	60.0000000	347.6553904
11504	0.8980000	5.0000000	1.8000000	90.0000000	90.0000000	60.0000000	345.5930805
11505	0.8980000	5.5000000	1.8000000	90.0000000	90.0000000	60.0000000	344.5649063
11506	0.8980000	6.0000000	1.8000000	90.0000000	90.0000000	60.0000000	344.0895678
11507	0.8980000	7.0000000	1.8000000	90.0000000	90.0000000	60.0000000	343.8095731
11508	0.8980000	8.0000000	1.8000000	90.0000000	90.0000000	60.0000000	343.7886770
11509	0.8980000	9.0000000	1.8000000	90.0000000	90.0000000	60.0000000	343.8081298
11510	0.8980000	10.0000000	1.8000000	90.0000000	90.0000000	60.0000000	343.8267668
11511	0.8980000	0.8000000	1.9000000	90.0000000	90.0000000	60.0000000	528.3589171
11512	0.8980000	0.9000000	1.9000000	90.0000000	90.0000000	60.0000000	308.2654912
11513	0.8980000	1.0000000	1.9000000	90.0000000	90.0000000	60.0000000	218.6781599

11514	0.8980000	1.1000000	1.9000000	90.0000000	90.0000000	60.0000000	197.1387717
11515	0.8980000	1.2000000	1.9000000	90.0000000	90.0000000	60.0000000	209.3068706
11516	0.8980000	1.3000000	1.9000000	90.0000000	90.0000000	60.0000000	236.0777425
11517	0.8980000	1.4000000	1.9000000	90.0000000	90.0000000	60.0000000	266.8607219
11518	0.8980000	1.5000000	1.9000000	90.0000000	90.0000000	60.0000000	296.0180750
11519	0.8980000	1.6000000	1.9000000	90.0000000	90.0000000	60.0000000	320.8913583
11520	0.8980000	1.7000000	1.9000000	90.0000000	90.0000000	60.0000000	340.6140439
11521	0.8980000	1.8000000	1.9000000	90.0000000	90.0000000	60.0000000	355.1595880
11522	0.8980000	2.0000000	1.9000000	90.0000000	90.0000000	60.0000000	370.7793028
11523	0.8980000	2.2000000	1.9000000	90.0000000	90.0000000	60.0000000	374.7722711
11524	0.8980000	2.4000000	1.9000000	90.0000000	90.0000000	60.0000000	373.3085425
11525	0.8980000	2.6000000	1.9000000	90.0000000	90.0000000	60.0000000	369.8543538
11526	0.8980000	2.8000000	1.9000000	90.0000000	90.0000000	60.0000000	365.9600927
11527	0.8980000	3.0000000	1.9000000	90.0000000	90.0000000	60.0000000	362.2277291
11528	0.8980000	3.5000000	1.9000000	90.0000000	90.0000000	60.0000000	354.6575176
11529	0.8980000	4.0000000	1.9000000	90.0000000	90.0000000	60.0000000	349.6995026
11530	0.8980000	4.5000000	1.9000000	90.0000000	90.0000000	60.0000000	346.7706648
11531	0.8980000	5.0000000	1.9000000	90.0000000	90.0000000	60.0000000	345.1806812
11532	0.8980000	5.5000000	1.9000000	90.0000000	90.0000000	60.0000000	344.3839325
11533	0.8980000	6.0000000	1.9000000	90.0000000	90.0000000	60.0000000	344.0147060
11534	0.8980000	7.0000000	1.9000000	90.0000000	90.0000000	60.0000000	343.7999722
11535	0.8980000	8.0000000	1.9000000	90.0000000	90.0000000	60.0000000	343.7894300
11536	0.8980000	9.0000000	1.9000000	90.0000000	90.0000000	60.0000000	343.8096358
11537	0.8980000	10.0000000	1.9000000	90.0000000	90.0000000	60.0000000	343.8278336
11538	0.8980000	0.8000000	2.0000000	90.0000000	90.0000000	60.0000000	505.0871007
11539	0.8980000	0.9000000	2.0000000	90.0000000	90.0000000	60.0000000	284.6729547
11540	0.8980000	1.0000000	2.0000000	90.0000000	90.0000000	60.0000000	195.1455506
11541	0.8980000	1.1000000	2.0000000	90.0000000	90.0000000	60.0000000	173.9838603
11542	0.8980000	1.2000000	2.0000000	90.0000000	90.0000000	60.0000000	186.8033769
11543	0.8980000	1.3000000	2.0000000	90.0000000	90.0000000	60.0000000	214.4694538
11544	0.8980000	1.4000000	2.0000000	90.0000000	90.0000000	60.0000000	246.3712825
11545	0.8980000	1.5000000	2.0000000	90.0000000	90.0000000	60.0000000	276.8466566
11546	0.8980000	1.6000000	2.0000000	90.0000000	90.0000000	60.0000000	303.1783974
11547	0.8980000	1.7000000	2.0000000	90.0000000	90.0000000	60.0000000	324.4105569
11548	0.8980000	1.8000000	2.0000000	90.0000000	90.0000000	60.0000000	340.4704069
11549	0.8980000	2.0000000	2.0000000	90.0000000	90.0000000	60.0000000	358.7523307
11550	0.8980000	2.2000000	2.0000000	90.0000000	90.0000000	60.0000000	364.6993007
11551	0.8980000	2.4000000	2.0000000	90.0000000	90.0000000	60.0000000	364.8393609
11552	0.8980000	2.6000000	2.0000000	90.0000000	90.0000000	60.0000000	362.7982607
11553	0.8980000	2.8000000	2.0000000	90.0000000	90.0000000	60.0000000	360.1527435
11554	0.8980000	3.0000000	2.0000000	90.0000000	90.0000000	60.0000000	357.5057831
11555	0.8980000	3.5000000	2.0000000	90.0000000	90.0000000	60.0000000	351.9760442
11556	0.8980000	4.0000000	2.0000000	90.0000000	90.0000000	60.0000000	348.2715420
11557	0.8980000	4.5000000	2.0000000	90.0000000	90.0000000	60.0000000	346.0568728
11558	0.8980000	5.0000000	2.0000000	90.0000000	90.0000000	60.0000000	344.8457795
11559	0.8980000	5.5000000	2.0000000	90.0000000	90.0000000	60.0000000	344.2361540
11560	0.8980000	6.0000000	2.0000000	90.0000000	90.0000000	60.0000000	343.9533982
11561	0.8980000	7.0000000	2.0000000	90.0000000	90.0000000	60.0000000	343.7925676
11562	0.8980000	8.0000000	2.0000000	90.0000000	90.0000000	60.0000000	343.7905596
11563	0.8980000	9.0000000	2.0000000	90.0000000	90.0000000	60.0000000	343.8112046
11564	0.8980000	10.0000000	2.0000000	90.0000000	90.0000000	60.0000000	343.8290259
11565	0.8980000	0.8000000	2.2000000	90.0000000	90.0000000	60.0000000	476.8862602
11566	0.8980000	0.9000000	2.2000000	90.0000000	90.0000000	60.0000000	255.7531766
11567	0.8980000	1.0000000	2.2000000	90.0000000	90.0000000	60.0000000	165.9916487
11568	0.8980000	1.1000000	2.2000000	90.0000000	90.0000000	60.0000000	145.0063513
11569	0.8980000	1.2000000	2.2000000	90.0000000	90.0000000	60.0000000	158.3632670

11570	0.8980000	1.3000000	2.2000000	90.0000000	90.0000000	60.0000000	186.8949305
11571	0.8980000	1.4000000	2.2000000	90.0000000	90.0000000	60.0000000	219.9686959
11572	0.8980000	1.5000000	2.2000000	90.0000000	90.0000000	60.0000000	251.8985742
11573	0.8980000	1.6000000	2.2000000	90.0000000	90.0000000	60.0000000	279.9119148
11574	0.8980000	1.7000000	2.2000000	90.0000000	90.0000000	60.0000000	302.9538117
11575	0.8980000	1.8000000	2.2000000	90.0000000	90.0000000	60.0000000	320.8902916
11576	0.8980000	2.0000000	2.2000000	90.0000000	90.0000000	60.0000000	342.7093608
11577	0.8980000	2.2000000	2.2000000	90.0000000	90.0000000	60.0000000	351.3001537
11578	0.8980000	2.4000000	2.2000000	90.0000000	90.0000000	60.0000000	353.5394213
11579	0.8980000	2.6000000	2.2000000	90.0000000	90.0000000	60.0000000	353.3255660
11580	0.8980000	2.8000000	2.2000000	90.0000000	90.0000000	60.0000000	352.2993997
11581	0.8980000	3.0000000	2.2000000	90.0000000	90.0000000	60.0000000	351.0722422
11582	0.8980000	3.5000000	2.2000000	90.0000000	90.0000000	60.0000000	348.2585525
11583	0.8980000	4.0000000	2.2000000	90.0000000	90.0000000	60.0000000	346.2647667
11584	0.8980000	4.5000000	2.2000000	90.0000000	90.0000000	60.0000000	345.0435077
11585	0.8980000	5.0000000	2.2000000	90.0000000	90.0000000	60.0000000	344.3662995
11586	0.8980000	5.5000000	2.2000000	90.0000000	90.0000000	60.0000000	344.0233028
11587	0.8980000	6.0000000	2.2000000	90.0000000	90.0000000	60.0000000	343.8654214
11588	0.8980000	7.0000000	2.2000000	90.0000000	90.0000000	60.0000000	343.7833432
11589	0.8980000	8.0000000	2.2000000	90.0000000	90.0000000	60.0000000	343.7936344
11590	0.8980000	9.0000000	2.2000000	90.0000000	90.0000000	60.0000000	343.8145304
11591	0.8980000	10.0000000	2.2000000	90.0000000	90.0000000	60.0000000	343.8313476
11592	0.8980000	0.8000000	2.4000000	90.0000000	90.0000000	60.0000000	462.8962503
11593	0.8980000	0.9000000	2.4000000	90.0000000	90.0000000	60.0000000	241.1753786
11594	0.8980000	1.0000000	2.4000000	90.0000000	90.0000000	60.0000000	151.0847846
11595	0.8980000	1.1000000	2.4000000	90.0000000	90.0000000	60.0000000	129.9929362
11596	0.8980000	1.2000000	2.4000000	90.0000000	90.0000000	60.0000000	143.4441666
11597	0.8980000	1.3000000	2.4000000	90.0000000	90.0000000	60.0000000	172.2577700
11598	0.8980000	1.4000000	2.4000000	90.0000000	90.0000000	60.0000000	205.7928175
11599	0.8980000	1.5000000	2.4000000	90.0000000	90.0000000	60.0000000	238.3550372
11600	0.8980000	1.6000000	2.4000000	90.0000000	90.0000000	60.0000000	267.1500665
11601	0.8980000	1.7000000	2.4000000	90.0000000	90.0000000	60.0000000	291.0775047
11602	0.8980000	1.8000000	2.4000000	90.0000000	90.0000000	60.0000000	309.9696814
11603	0.8980000	2.0000000	2.4000000	90.0000000	90.0000000	60.0000000	333.7347202
11604	0.8980000	2.2000000	2.4000000	90.0000000	90.0000000	60.0000000	343.8284611
11605	0.8980000	2.4000000	2.4000000	90.0000000	90.0000000	60.0000000	347.2177653
11606	0.8980000	2.6000000	2.4000000	90.0000000	90.0000000	60.0000000	347.9876567
11607	0.8980000	2.8000000	2.4000000	90.0000000	90.0000000	60.0000000	347.8361758
11608	0.8980000	3.0000000	2.4000000	90.0000000	90.0000000	60.0000000	347.3843691
11609	0.8980000	3.5000000	2.4000000	90.0000000	90.0000000	60.0000000	346.0861774
11610	0.8980000	4.0000000	2.4000000	90.0000000	90.0000000	60.0000000	345.0740675
11611	0.8980000	4.5000000	2.4000000	90.0000000	90.0000000	60.0000000	344.4348236
11612	0.8980000	5.0000000	2.4000000	90.0000000	90.0000000	60.0000000	344.0756999
11613	0.8980000	5.5000000	2.4000000	90.0000000	90.0000000	60.0000000	343.8940986
11614	0.8980000	6.0000000	2.4000000	90.0000000	90.0000000	60.0000000	343.8130871
11615	0.8980000	7.0000000	2.4000000	90.0000000	90.0000000	60.0000000	343.7802684
11616	0.8980000	8.0000000	2.4000000	90.0000000	90.0000000	60.0000000	343.7975877
11617	0.8980000	9.0000000	2.4000000	90.0000000	90.0000000	60.0000000	343.8179817
11618	0.8980000	10.0000000	2.4000000	90.0000000	90.0000000	60.0000000	343.8337949
11619	0.8980000	0.8000000	2.6000000	90.0000000	90.0000000	60.0000000	456.0325517
11620	0.8980000	0.9000000	2.6000000	90.0000000	90.0000000	60.0000000	233.9131487
11621	0.8980000	1.0000000	2.6000000	90.0000000	90.0000000	60.0000000	143.5601302
11622	0.8980000	1.1000000	2.6000000	90.0000000	90.0000000	60.0000000	122.3240174
11623	0.8980000	1.2000000	2.6000000	90.0000000	90.0000000	60.0000000	135.7400444
11624	0.8980000	1.3000000	2.6000000	90.0000000	90.0000000	60.0000000	164.6226113
11625	0.8980000	1.4000000	2.6000000	90.0000000	90.0000000	60.0000000	198.3282786

11626	0.8980000	1.5000000	2.6000000	90.0000000	90.0000000	60.0000000	231.1606411
11627	0.8980000	1.6000000	2.6000000	90.0000000	90.0000000	60.0000000	260.3166137
11628	0.8980000	1.7000000	2.6000000	90.0000000	90.0000000	60.0000000	284.6740842
11629	0.8980000	1.8000000	2.6000000	90.0000000	90.0000000	60.0000000	304.0477491
11630	0.8980000	2.0000000	2.6000000	90.0000000	90.0000000	60.0000000	328.8589716
11631	0.8980000	2.2000000	2.6000000	90.0000000	90.0000000	60.0000000	339.7886807
11632	0.8980000	2.4000000	2.6000000	90.0000000	90.0000000	60.0000000	343.7979642
11633	0.8980000	2.6000000	2.6000000	90.0000000	90.0000000	60.0000000	345.0873707
11634	0.8980000	2.8000000	2.6000000	90.0000000	90.0000000	60.0000000	345.3970466
11635	0.8980000	3.0000000	2.6000000	90.0000000	90.0000000	60.0000000	345.3566350
11636	0.8980000	3.5000000	2.6000000	90.0000000	90.0000000	60.0000000	344.8747077
11637	0.8980000	4.0000000	2.6000000	90.0000000	90.0000000	60.0000000	344.4020675
11638	0.8980000	4.5000000	2.6000000	90.0000000	90.0000000	60.0000000	344.0883128
11639	0.8980000	5.0000000	2.6000000	90.0000000	90.0000000	60.0000000	343.9099119
11640	0.8980000	5.5000000	2.6000000	90.0000000	90.0000000	60.0000000	343.8216213
11641	0.8980000	6.0000000	2.6000000	90.0000000	90.0000000	60.0000000	343.7856650
11642	0.8980000	7.0000000	2.6000000	90.0000000	90.0000000	60.0000000	343.7815234
11643	0.8980000	8.0000000	2.6000000	90.0000000	90.0000000	60.0000000	343.8021685
11644	0.8980000	9.0000000	2.6000000	90.0000000	90.0000000	60.0000000	343.8215585
11645	0.8980000	10.0000000	2.6000000	90.0000000	90.0000000	60.0000000	343.8362422
11646	0.8980000	0.8000000	2.8000000	90.0000000	90.0000000	60.0000000	452.7022962
11647	0.8980000	0.9000000	2.8000000	90.0000000	90.0000000	60.0000000	230.3438120
11648	0.8980000	1.0000000	2.8000000	90.0000000	90.0000000	60.0000000	139.8211778
11649	0.8980000	1.1000000	2.8000000	90.0000000	90.0000000	60.0000000	118.4757528
11650	0.8980000	1.2000000	2.8000000	90.0000000	90.0000000	60.0000000	131.8389436
11651	0.8980000	1.3000000	2.8000000	90.0000000	90.0000000	60.0000000	160.7239576
11652	0.8980000	1.4000000	2.8000000	90.0000000	90.0000000	60.0000000	194.4871049
11653	0.8980000	1.5000000	2.8000000	90.0000000	90.0000000	60.0000000	227.4319798
11654	0.8980000	1.6000000	2.8000000	90.0000000	90.0000000	60.0000000	256.7523599
11655	0.8980000	1.7000000	2.8000000	90.0000000	90.0000000	60.0000000	281.3157791
11656	0.8980000	1.8000000	2.8000000	90.0000000	90.0000000	60.0000000	300.9283994
11657	0.8980000	2.0000000	2.8000000	90.0000000	90.0000000	60.0000000	326.2916421
11658	0.8980000	2.2000000	2.8000000	90.0000000	90.0000000	60.0000000	337.6771113
11659	0.8980000	2.4000000	2.8000000	90.0000000	90.0000000	60.0000000	342.0145822
11660	0.8980000	2.6000000	2.8000000	90.0000000	90.0000000	60.0000000	343.5719980
11661	0.8980000	2.8000000	2.8000000	90.0000000	90.0000000	60.0000000	344.1177430
11662	0.8980000	3.0000000	2.8000000	90.0000000	90.0000000	60.0000000	344.2884884
11663	0.8980000	3.5000000	2.8000000	90.0000000	90.0000000	60.0000000	344.2296907
11664	0.8980000	4.0000000	2.8000000	90.0000000	90.0000000	60.0000000	344.0415006
11665	0.8980000	4.5000000	2.8000000	90.0000000	90.0000000	60.0000000	343.9021308
11666	0.8980000	5.0000000	2.8000000	90.0000000	90.0000000	60.0000000	343.8222488
11667	0.8980000	5.5000000	2.8000000	90.0000000	90.0000000	60.0000000	343.7854767
11668	0.8980000	6.0000000	2.8000000	90.0000000	90.0000000	60.0000000	343.7745581
11669	0.8980000	7.0000000	2.8000000	90.0000000	90.0000000	60.0000000	343.7856650
11670	0.8980000	8.0000000	2.8000000	90.0000000	90.0000000	60.0000000	343.8070630
11671	0.8980000	9.0000000	2.8000000	90.0000000	90.0000000	60.0000000	343.8251353
11672	0.8980000	10.0000000	2.8000000	90.0000000	90.0000000	60.0000000	343.8386268
11673	0.8980000	0.8000000	3.0000000	90.0000000	90.0000000	60.0000000	451.1157012
11674	0.8980000	0.9000000	3.0000000	90.0000000	90.0000000	60.0000000	228.6269461
11675	0.8980000	1.0000000	3.0000000	90.0000000	90.0000000	60.0000000	138.0073616
11676	0.8980000	1.1000000	3.0000000	90.0000000	90.0000000	60.0000000	116.5940402
11677	0.8980000	1.2000000	3.0000000	90.0000000	90.0000000	60.0000000	129.9169447
11678	0.8980000	1.3000000	3.0000000	90.0000000	90.0000000	60.0000000	158.7892831
11679	0.8980000	1.4000000	3.0000000	90.0000000	90.0000000	60.0000000	192.5678672
11680	0.8980000	1.5000000	3.0000000	90.0000000	90.0000000	60.0000000	225.5572953
11681	0.8980000	1.6000000	3.0000000	90.0000000	90.0000000	60.0000000	254.9501528

11682	0.8980000	1.7000000	3.0000000	90.0000000	90.0000000	60.0000000	279.6091415
11683	0.8980000	1.8000000	3.0000000	90.0000000	90.0000000	60.0000000	299.3370354
11684	0.8980000	2.0000000	3.0000000	90.0000000	90.0000000	60.0000000	324.9847909
11685	0.8980000	2.2000000	3.0000000	90.0000000	90.0000000	60.0000000	336.6129180
11686	0.8980000	2.4000000	3.0000000	90.0000000	90.0000000	60.0000000	341.1200048
11687	0.8980000	2.6000000	3.0000000	90.0000000	90.0000000	60.0000000	342.8117702
11688	0.8980000	2.8000000	3.0000000	90.0000000	90.0000000	60.0000000	343.4744830
11689	0.8980000	3.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.7498970
11690	0.8980000	3.5000000	3.0000000	90.0000000	90.0000000	60.0000000	343.9026328
11691	0.8980000	4.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.8588953
11692	0.8980000	4.5000000	3.0000000	90.0000000	90.0000000	60.0000000	343.8095731
11693	0.8980000	5.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.7812097
11694	0.8980000	5.5000000	3.0000000	90.0000000	90.0000000	60.0000000	343.7714205
11695	0.8980000	6.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.7734286
11696	0.8980000	7.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.7915008
11697	0.8980000	8.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.8120831
11698	0.8980000	9.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.8287121
11699	0.8980000	10.0000000	3.0000000	90.0000000	90.0000000	60.0000000	343.8410113
11700	0.8980000	0.8000000	3.5000000	90.0000000	90.0000000	60.0000000	449.9526751
11701	0.8980000	0.9000000	3.5000000	90.0000000	90.0000000	60.0000000	227.3588121
11702	0.8980000	1.0000000	3.5000000	90.0000000	90.0000000	60.0000000	136.6575260
11703	0.8980000	1.1000000	3.5000000	90.0000000	90.0000000	60.0000000	115.1826458
11704	0.8980000	1.2000000	3.5000000	90.0000000	90.0000000	60.0000000	128.4636328
11705	0.8980000	1.3000000	3.5000000	90.0000000	90.0000000	60.0000000	157.3143221
11706	0.8980000	1.4000000	3.5000000	90.0000000	90.0000000	60.0000000	191.0929061
11707	0.8980000	1.5000000	3.5000000	90.0000000	90.0000000	60.0000000	224.1051756
11708	0.8980000	1.6000000	3.5000000	90.0000000	90.0000000	60.0000000	253.5437785
11709	0.8980000	1.7000000	3.5000000	90.0000000	90.0000000	60.0000000	278.2678401
11710	0.8980000	1.8000000	3.5000000	90.0000000	90.0000000	60.0000000	298.0789417
11711	0.8980000	2.0000000	3.5000000	90.0000000	90.0000000	60.0000000	323.9583109
11712	0.8980000	2.2000000	3.5000000	90.0000000	90.0000000	60.0000000	335.7948965
11713	0.8980000	2.4000000	3.5000000	90.0000000	90.0000000	60.0000000	340.4419808
11714	0.8980000	2.6000000	3.5000000	90.0000000	90.0000000	60.0000000	342.2391679
11715	0.8980000	2.8000000	3.5000000	90.0000000	90.0000000	60.0000000	342.9918028
11716	0.8980000	3.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.3472869
11717	0.8980000	3.5000000	3.5000000	90.0000000	90.0000000	60.0000000	343.6639909
11718	0.8980000	4.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.7341464
11719	0.8980000	4.5000000	3.5000000	90.0000000	90.0000000	60.0000000	343.7563603
11720	0.8980000	5.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.7684085
11721	0.8980000	5.5000000	3.5000000	90.0000000	90.0000000	60.0000000	343.7789506
11722	0.8980000	6.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.7892418
11723	0.8980000	7.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.8081298
11724	0.8980000	8.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.8243823
11725	0.8980000	9.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.8372462
11726	0.8980000	10.0000000	3.5000000	90.0000000	90.0000000	60.0000000	343.8465334
11727	0.8980000	0.8000000	4.0000000	90.0000000	90.0000000	60.0000000	449.8103560
11728	0.8980000	0.9000000	4.0000000	90.0000000	90.0000000	60.0000000	227.2032526
11729	0.8980000	1.0000000	4.0000000	90.0000000	90.0000000	60.0000000	136.4928048
11730	0.8980000	1.1000000	4.0000000	90.0000000	90.0000000	60.0000000	115.0118378
11731	0.8980000	1.2000000	4.0000000	90.0000000	90.0000000	60.0000000	128.2893735
11732	0.8980000	1.3000000	4.0000000	90.0000000	90.0000000	60.0000000	157.1390588
11733	0.8980000	1.4000000	4.0000000	90.0000000	90.0000000	60.0000000	190.9187095
11734	0.8980000	1.5000000	4.0000000	90.0000000	90.0000000	60.0000000	223.9342420
11735	0.8980000	1.6000000	4.0000000	90.0000000	90.0000000	60.0000000	253.3779905
11736	0.8980000	1.7000000	4.0000000	90.0000000	90.0000000	60.0000000	278.1084527
11737	0.8980000	1.8000000	4.0000000	90.0000000	90.0000000	60.0000000	297.9278373

11738	0.8980000	2.0000000	4.0000000	90.0000000	90.0000000	60.0000000	323.8397743
11739	0.8980000	2.2000000	4.0000000	90.0000000	90.0000000	60.0000000	335.7102456
11740	0.8980000	2.4000000	4.0000000	90.0000000	90.0000000	60.0000000	340.3792925
11741	0.8980000	2.6000000	4.0000000	90.0000000	90.0000000	60.0000000	342.1916027
11742	0.8980000	2.8000000	4.0000000	90.0000000	90.0000000	60.0000000	342.9563485
11743	0.8980000	3.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.3224374
11744	0.8980000	3.5000000	4.0000000	90.0000000	90.0000000	60.0000000	343.6607906
11745	0.8980000	4.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.7451907
11746	0.8980000	4.5000000	4.0000000	90.0000000	90.0000000	60.0000000	343.7751228
11747	0.8980000	5.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.7901203
11748	0.8980000	5.5000000	4.0000000	90.0000000	90.0000000	60.0000000	343.8005997
11749	0.8980000	6.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.8092593
11750	0.8980000	7.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.8234410
11751	0.8980000	8.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.8353637
11752	0.8980000	9.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.8445881
11753	0.8980000	10.0000000	4.0000000	90.0000000	90.0000000	60.0000000	343.8510514
11754	0.8980000	0.8000000	10.0000000	90.0000000	90.0000000	60.0000000	449.8590507
11755	0.8980000	0.9000000	10.0000000	90.0000000	90.0000000	60.0000000	227.2456095
11756	0.8980000	1.0000000	10.0000000	90.0000000	90.0000000	60.0000000	136.5377345
11757	0.8980000	1.1000000	10.0000000	90.0000000	90.0000000	60.0000000	115.0645485
11758	0.8980000	1.2000000	10.0000000	90.0000000	90.0000000	60.0000000	128.3529402
11759	0.8980000	1.3000000	10.0000000	90.0000000	90.0000000	60.0000000	157.2144855
11760	0.8980000	1.4000000	10.0000000	90.0000000	90.0000000	60.0000000	191.0052431
11761	0.8980000	1.5000000	10.0000000	90.0000000	90.0000000	60.0000000	224.0290586
11762	0.8980000	1.6000000	10.0000000	90.0000000	90.0000000	60.0000000	253.4770743
11763	0.8980000	1.7000000	10.0000000	90.0000000	90.0000000	60.0000000	278.2069716
11764	0.8980000	1.8000000	10.0000000	90.0000000	90.0000000	60.0000000	298.0222775
11765	0.8980000	2.0000000	10.0000000	90.0000000	90.0000000	60.0000000	323.9268099
11766	0.8980000	2.2000000	10.0000000	90.0000000	90.0000000	60.0000000	335.7955240
11767	0.8980000	2.4000000	10.0000000	90.0000000	90.0000000	60.0000000	340.4640064
11768	0.8980000	2.6000000	10.0000000	90.0000000	90.0000000	60.0000000	342.2752496
11769	0.8980000	2.8000000	10.0000000	90.0000000	90.0000000	60.0000000	343.0386777
11770	0.8980000	3.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.4035117
11771	0.8980000	3.5000000	10.0000000	90.0000000	90.0000000	60.0000000	343.7389155
11772	0.8980000	4.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8186720
11773	0.8980000	4.5000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8427056
11774	0.8980000	5.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8514907
11775	0.8980000	5.5000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8556322
11776	0.8980000	6.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8580168
11777	0.8980000	7.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8596483
11778	0.8980000	8.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8600876
11779	0.8980000	9.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8602758
11780	0.8980000	10.0000000	10.0000000	90.0000000	90.0000000	60.0000000	343.8603386
11781	1.2980000	0.8000000	1.0000000	90.0000000	90.0000000	60.0000000	979.4377646
11782	1.2980000	0.9000000	1.0000000	90.0000000	90.0000000	60.0000000	674.5387551
11783	1.2980000	1.0000000	1.0000000	90.0000000	90.0000000	60.0000000	500.0271781
11784	1.2980000	1.1000000	1.0000000	90.0000000	90.0000000	60.0000000	398.4861678
11785	1.2980000	1.2000000	1.0000000	90.0000000	90.0000000	60.0000000	338.5796582
11786	1.2980000	1.3000000	1.0000000	90.0000000	90.0000000	60.0000000	302.7486162
11787	1.2980000	1.4000000	1.0000000	90.0000000	90.0000000	60.0000000	281.0217282
11788	1.2980000	1.5000000	1.0000000	90.0000000	90.0000000	60.0000000	267.8252666
11789	1.2980000	1.6000000	1.0000000	90.0000000	90.0000000	60.0000000	260.1331928
11790	1.2980000	1.7000000	1.0000000	90.0000000	90.0000000	60.0000000	256.3142328
11791	1.2980000	1.8000000	1.0000000	90.0000000	90.0000000	60.0000000	255.4408025
11792	1.2980000	2.0000000	1.0000000	90.0000000	90.0000000	60.0000000	260.2482153
11793	1.2980000	2.2000000	1.0000000	90.0000000	90.0000000	60.0000000	270.4877893

11794	1.2980000	2.4000000	1.0000000	90.0000000	90.0000000	60.0000000	283.8278878
11795	1.2980000	2.6000000	1.0000000	90.0000000	90.0000000	60.0000000	290.8888753
11796	1.2980000	2.8000000	1.0000000	90.0000000	90.0000000	60.0000000	299.1219251
11797	1.2980000	3.0000000	1.0000000	90.0000000	90.0000000	60.0000000	307.3820834
11798	1.2980000	3.5000000	1.0000000	90.0000000	90.0000000	60.0000000	317.0448508
11799	1.2980000	4.0000000	1.0000000	90.0000000	90.0000000	60.0000000	305.9331012
11800	1.2980000	4.5000000	1.0000000	90.0000000	90.0000000	60.0000000	290.2119809
11801	1.2980000	5.0000000	1.0000000	90.0000000	90.0000000	60.0000000	280.0194700
11802	1.2980000	5.5000000	1.0000000	90.0000000	90.0000000	60.0000000	274.6531973
11803	1.2980000	6.0000000	1.0000000	90.0000000	90.0000000	60.0000000	272.1087718
11804	1.2980000	7.0000000	1.0000000	90.0000000	90.0000000	60.0000000	270.5499756
11805	1.2980000	8.0000000	1.0000000	90.0000000	90.0000000	60.0000000	270.3316650
11806	1.2980000	9.0000000	1.0000000	90.0000000	90.0000000	60.0000000	270.3340495
11807	1.2980000	10.0000000	1.0000000	90.0000000	90.0000000	60.0000000	270.3571418
11808	1.2980000	0.8000000	1.1000000	90.0000000	90.0000000	60.0000000	894.2125027
11809	1.2980000	0.9000000	1.1000000	90.0000000	90.0000000	60.0000000	604.4034644
11810	1.2980000	1.0000000	1.1000000	90.0000000	90.0000000	60.0000000	442.1987915
11811	1.2980000	1.1000000	1.1000000	90.0000000	90.0000000	60.0000000	350.6031789
11812	1.2980000	1.2000000	1.1000000	90.0000000	90.0000000	60.0000000	299.1221134
11813	1.2980000	1.3000000	1.1000000	90.0000000	90.0000000	60.0000000	270.8076310
11814	1.2980000	1.4000000	1.1000000	90.0000000	90.0000000	60.0000000	255.9802723
11815	1.2980000	1.5000000	1.1000000	90.0000000	90.0000000	60.0000000	249.1462549
11816	1.2980000	1.6000000	1.1000000	90.0000000	90.0000000	60.0000000	247.2612792
11817	1.2980000	1.7000000	1.1000000	90.0000000	90.0000000	60.0000000	248.6495184
11818	1.2980000	1.8000000	1.1000000	90.0000000	90.0000000	60.0000000	252.3491887
11819	1.2980000	2.0000000	1.1000000	90.0000000	90.0000000	60.0000000	264.4252948
11820	1.2980000	2.2000000	1.1000000	90.0000000	90.0000000	60.0000000	280.1004815
11821	1.2980000	2.4000000	1.1000000	90.0000000	90.0000000	60.0000000	299.1105044
11822	1.2980000	2.6000000	1.1000000	90.0000000	90.0000000	60.0000000	306.0388994
11823	1.2980000	2.8000000	1.1000000	90.0000000	90.0000000	60.0000000	312.3523976
11824	1.2980000	3.0000000	1.1000000	90.0000000	90.0000000	60.0000000	317.7706909
11825	1.2980000	3.5000000	1.1000000	90.0000000	90.0000000	60.0000000	317.9557435
11826	1.2980000	4.0000000	1.1000000	90.0000000	90.0000000	60.0000000	302.3776953
11827	1.2980000	4.5000000	1.1000000	90.0000000	90.0000000	60.0000000	287.6767171
11828	1.2980000	5.0000000	1.1000000	90.0000000	90.0000000	60.0000000	278.7386605
11829	1.2980000	5.5000000	1.1000000	90.0000000	90.0000000	60.0000000	274.0795280
11830	1.2980000	6.0000000	1.1000000	90.0000000	90.0000000	60.0000000	271.8720753
11831	1.2980000	7.0000000	1.1000000	90.0000000	90.0000000	60.0000000	270.5169685
11832	1.2980000	8.0000000	1.1000000	90.0000000	90.0000000	60.0000000	270.3291549
11833	1.2980000	9.0000000	1.1000000	90.0000000	90.0000000	60.0000000	270.3351163
11834	1.2980000	10.0000000	1.1000000	90.0000000	90.0000000	60.0000000	270.3579576
11835	1.2980000	0.8000000	1.2000000	90.0000000	90.0000000	60.0000000	834.2587416
11836	1.2980000	0.9000000	1.2000000	90.0000000	90.0000000	60.0000000	558.8375543
11837	1.2980000	1.0000000	1.2000000	90.0000000	90.0000000	60.0000000	408.4677100
11838	1.2980000	1.1000000	1.2000000	90.0000000	90.0000000	60.0000000	325.7816652
11839	1.2980000	1.2000000	1.2000000	90.0000000	90.0000000	60.0000000	281.1806763
11840	1.2980000	1.3000000	1.2000000	90.0000000	90.0000000	60.0000000	258.5211209
11841	1.2980000	1.4000000	1.2000000	90.0000000	90.0000000	60.0000000	248.5418377
11842	1.2980000	1.5000000	1.2000000	90.0000000	90.0000000	60.0000000	245.9277588
11843	1.2980000	1.6000000	1.2000000	90.0000000	90.0000000	60.0000000	247.7027321
11844	1.2980000	1.7000000	1.2000000	90.0000000	90.0000000	60.0000000	252.2164077
11845	1.2980000	1.8000000	1.2000000	90.0000000	90.0000000	60.0000000	258.5224387
11846	1.2980000	2.0000000	1.2000000	90.0000000	90.0000000	60.0000000	274.3524947
11847	1.2980000	2.2000000	1.2000000	90.0000000	90.0000000	60.0000000	292.2092180
11848	1.2980000	2.4000000	1.2000000	90.0000000	90.0000000	60.0000000	312.7472893
11849	1.2980000	2.6000000	1.2000000	90.0000000	90.0000000	60.0000000	318.3821362

11850	1.2980000	2.8000000	1.2000000	90.0000000	90.0000000	60.0000000	322.3682646
11851	1.2980000	3.0000000	1.2000000	90.0000000	90.0000000	60.0000000	324.2972288
11852	1.2980000	3.5000000	1.2000000	90.0000000	90.0000000	60.0000000	315.4954043
11853	1.2980000	4.0000000	1.2000000	90.0000000	90.0000000	60.0000000	298.3592502
11854	1.2980000	4.5000000	1.2000000	90.0000000	90.0000000	60.0000000	285.2208332
11855	1.2980000	5.0000000	1.2000000	90.0000000	90.0000000	60.0000000	277.5262493
11856	1.2980000	5.5000000	1.2000000	90.0000000	90.0000000	60.0000000	273.5383639
11857	1.2980000	6.0000000	1.2000000	90.0000000	90.0000000	60.0000000	271.6486819
11858	1.2980000	7.0000000	1.2000000	90.0000000	90.0000000	60.0000000	270.4857813
11859	1.2980000	8.0000000	1.2000000	90.0000000	90.0000000	60.0000000	270.3270214
11860	1.2980000	9.0000000	1.2000000	90.0000000	90.0000000	60.0000000	270.3362458
11861	1.2980000	10.0000000	1.2000000	90.0000000	90.0000000	60.0000000	270.3588361
11862	1.2980000	0.8000000	1.3000000	90.0000000	90.0000000	60.0000000	788.5245333
11863	1.2980000	0.9000000	1.3000000	90.0000000	90.0000000	60.0000000	527.2486646
11864	1.2980000	1.0000000	1.3000000	90.0000000	90.0000000	60.0000000	388.9964675
11865	1.2980000	1.1000000	1.3000000	90.0000000	90.0000000	60.0000000	314.6738690
11866	1.2980000	1.2000000	1.3000000	90.0000000	90.0000000	60.0000000	275.9181308
11867	1.2980000	1.3000000	1.3000000	90.0000000	90.0000000	60.0000000	257.7215484
11868	1.2980000	1.4000000	1.3000000	90.0000000	90.0000000	60.0000000	251.3181279
11869	1.2980000	1.5000000	1.3000000	90.0000000	90.0000000	60.0000000	251.6082256
11870	1.2980000	1.6000000	1.3000000	90.0000000	90.0000000	60.0000000	255.7275115
11871	1.2980000	1.7000000	1.3000000	90.0000000	90.0000000	60.0000000	262.0927166
11872	1.2980000	1.8000000	1.3000000	90.0000000	90.0000000	60.0000000	269.8024862
11873	1.2980000	2.0000000	1.3000000	90.0000000	90.0000000	60.0000000	287.2310599
11874	1.2980000	2.2000000	1.3000000	90.0000000	90.0000000	60.0000000	305.2555165
11875	1.2980000	2.4000000	1.3000000	90.0000000	90.0000000	60.0000000	322.4655286
11876	1.2980000	2.6000000	1.3000000	90.0000000	90.0000000	60.0000000	326.3852037
11877	1.2980000	2.8000000	1.3000000	90.0000000	90.0000000	60.0000000	327.4655241
11878	1.2980000	3.0000000	1.3000000	90.0000000	90.0000000	60.0000000	325.5280886
11879	1.2980000	3.5000000	1.3000000	90.0000000	90.0000000	60.0000000	310.7794197
11880	1.2980000	4.0000000	1.3000000	90.0000000	90.0000000	60.0000000	294.2722809
11881	1.2980000	4.5000000	1.3000000	90.0000000	90.0000000	60.0000000	282.9173087
11882	1.2980000	5.0000000	1.3000000	90.0000000	90.0000000	60.0000000	276.4046389
11883	1.2980000	5.5000000	1.3000000	90.0000000	90.0000000	60.0000000	273.0386153
11884	1.2980000	6.0000000	1.3000000	90.0000000	90.0000000	60.0000000	271.4420430
11885	1.2980000	7.0000000	1.3000000	90.0000000	90.0000000	60.0000000	270.4569159
11886	1.2980000	8.0000000	1.3000000	90.0000000	90.0000000	60.0000000	270.3253271
11887	1.2980000	9.0000000	1.3000000	90.0000000	90.0000000	60.0000000	270.3375636
11888	1.2980000	10.0000000	1.3000000	90.0000000	90.0000000	60.0000000	270.3597146
11889	1.2980000	0.8000000	1.4000000	90.0000000	90.0000000	60.0000000	720.9198629
11890	1.2980000	0.9000000	1.4000000	90.0000000	90.0000000	60.0000000	479.0712483
11891	1.2980000	1.0000000	1.4000000	90.0000000	90.0000000	60.0000000	360.9435937
11892	1.2980000	1.1000000	1.4000000	90.0000000	90.0000000	60.0000000	310.9960359
11893	1.2980000	1.2000000	1.4000000	90.0000000	90.0000000	60.0000000	277.9297379
11894	1.2980000	1.3000000	1.4000000	90.0000000	90.0000000	60.0000000	263.3982501
11895	1.2980000	1.4000000	1.4000000	90.0000000	90.0000000	60.0000000	259.7497217
11896	1.2980000	1.5000000	1.4000000	90.0000000	90.0000000	60.0000000	262.1008742
11897	1.2980000	1.6000000	1.4000000	90.0000000	90.0000000	60.0000000	267.7145739
11898	1.2980000	1.7000000	1.4000000	90.0000000	90.0000000	60.0000000	275.0949011
11899	1.2980000	1.8000000	1.4000000	90.0000000	90.0000000	60.0000000	283.3980438
11900	1.2980000	2.0000000	1.4000000	90.0000000	90.0000000	60.0000000	300.9390671
11901	1.2980000	2.2000000	1.4000000	90.0000000	90.0000000	60.0000000	319.9353477
11902	1.2980000	2.4000000	1.4000000	90.0000000	90.0000000	60.0000000	327.1400349
11903	1.2980000	2.6000000	1.4000000	90.0000000	90.0000000	60.0000000	328.7900084
11904	1.2980000	2.8000000	1.4000000	90.0000000	90.0000000	60.0000000	326.7402486
11905	1.2980000	3.0000000	1.4000000	90.0000000	90.0000000	60.0000000	321.9288198

11906	1.2980000	3.5000000	1.4000000	90.0000000	90.0000000	60.0000000	305.0865283
11907	1.2980000	4.0000000	1.4000000	90.0000000	90.0000000	60.0000000	290.3780198
11908	1.2980000	4.5000000	1.4000000	90.0000000	90.0000000	60.0000000	280.8150892
11909	1.2980000	5.0000000	1.4000000	90.0000000	90.0000000	60.0000000	275.3887638
11910	1.2980000	5.5000000	1.4000000	90.0000000	90.0000000	60.0000000	272.5861183
11911	1.2980000	6.0000000	1.4000000	90.0000000	90.0000000	60.0000000	271.2545432
11912	1.2980000	7.0000000	1.4000000	90.0000000	90.0000000	60.0000000	270.4306233
11913	1.2980000	8.0000000	1.4000000	90.0000000	90.0000000	60.0000000	270.3240721
11914	1.2980000	9.0000000	1.4000000	90.0000000	90.0000000	60.0000000	270.3389441
11915	1.2980000	10.0000000	1.4000000	90.0000000	90.0000000	60.0000000	270.3607187
11916	1.2980000	0.8000000	1.5000000	90.0000000	90.0000000	60.0000000	641.3967168
11917	1.2980000	0.9000000	1.5000000	90.0000000	90.0000000	60.0000000	412.6375105
11918	1.2980000	1.0000000	1.5000000	90.0000000	90.0000000	60.0000000	308.8932516
11919	1.2980000	1.1000000	1.5000000	90.0000000	90.0000000	60.0000000	268.0613985
11920	1.2980000	1.2000000	1.5000000	90.0000000	90.0000000	60.0000000	257.1907381
11921	1.2980000	1.3000000	1.5000000	90.0000000	90.0000000	60.0000000	258.7648456
11922	1.2980000	1.4000000	1.5000000	90.0000000	90.0000000	60.0000000	265.3676257
11923	1.2980000	1.5000000	1.5000000	90.0000000	90.0000000	60.0000000	274.0113806
11924	1.2980000	1.6000000	1.5000000	90.0000000	90.0000000	60.0000000	282.8121381
11925	1.2980000	1.7000000	1.5000000	90.0000000	90.0000000	60.0000000	290.9253337
11926	1.2980000	1.8000000	1.5000000	90.0000000	90.0000000	60.0000000	298.5786274
11927	1.2980000	2.0000000	1.5000000	90.0000000	90.0000000	60.0000000	312.5420938
11928	1.2980000	2.2000000	1.5000000	90.0000000	90.0000000	60.0000000	322.5424612
11929	1.2980000	2.4000000	1.5000000	90.0000000	90.0000000	60.0000000	326.8343123
11930	1.2980000	2.6000000	1.5000000	90.0000000	90.0000000	60.0000000	325.8821295
11931	1.2980000	2.8000000	1.5000000	90.0000000	90.0000000	60.0000000	321.5378814
11932	1.2980000	3.0000000	1.5000000	90.0000000	90.0000000	60.0000000	315.4707432
11933	1.2980000	3.5000000	1.5000000	90.0000000	90.0000000	60.0000000	299.3090485
11934	1.2980000	4.0000000	1.5000000	90.0000000	90.0000000	60.0000000	286.8285126
11935	1.2980000	4.5000000	1.5000000	90.0000000	90.0000000	60.0000000	278.9415970
11936	1.2980000	5.0000000	1.5000000	90.0000000	90.0000000	60.0000000	274.4865934
11937	1.2980000	5.5000000	1.5000000	90.0000000	90.0000000	60.0000000	272.1840102
11938	1.2980000	6.0000000	1.5000000	90.0000000	90.0000000	60.0000000	271.0873747
11939	1.2980000	7.0000000	1.5000000	90.0000000	90.0000000	60.0000000	270.4073427
11940	1.2980000	8.0000000	1.5000000	90.0000000	90.0000000	60.0000000	270.3233191
11941	1.2980000	9.0000000	1.5000000	90.0000000	90.0000000	60.0000000	270.3404501
11942	1.2980000	10.0000000	1.5000000	90.0000000	90.0000000	60.0000000	270.3617854
11943	1.2980000	0.8000000	1.6000000	90.0000000	90.0000000	60.0000000	574.1907031
11944	1.2980000	0.9000000	1.6000000	90.0000000	90.0000000	60.0000000	350.4997654
11945	1.2980000	1.0000000	1.6000000	90.0000000	90.0000000	60.0000000	254.5213756
11946	1.2980000	1.1000000	1.6000000	90.0000000	90.0000000	60.0000000	223.8788329
11947	1.2980000	1.2000000	1.6000000	90.0000000	90.0000000	60.0000000	224.0677133
11948	1.2980000	1.3000000	1.6000000	90.0000000	90.0000000	60.0000000	236.2791104
11949	1.2980000	1.4000000	1.6000000	90.0000000	90.0000000	60.0000000	251.2757083
11950	1.2980000	1.5000000	1.6000000	90.0000000	90.0000000	60.0000000	265.1618654
11951	1.2980000	1.6000000	1.6000000	90.0000000	90.0000000	60.0000000	277.3653559
11952	1.2980000	1.7000000	1.6000000	90.0000000	90.0000000	60.0000000	288.0836570
11953	1.2980000	1.8000000	1.6000000	90.0000000	90.0000000	60.0000000	297.3788293
11954	1.2980000	2.0000000	1.6000000	90.0000000	90.0000000	60.0000000	311.8170693
11955	1.2980000	2.2000000	1.6000000	90.0000000	90.0000000	60.0000000	320.2946595
11956	1.2980000	2.4000000	1.6000000	90.0000000	90.0000000	60.0000000	322.1549741
11957	1.2980000	2.6000000	1.6000000	90.0000000	90.0000000	60.0000000	319.2369923
11958	1.2980000	2.8000000	1.6000000	90.0000000	90.0000000	60.0000000	314.0223886
11959	1.2980000	3.0000000	1.6000000	90.0000000	90.0000000	60.0000000	308.0296104
11960	1.2980000	3.5000000	1.6000000	90.0000000	90.0000000	60.0000000	293.9416462
11961	1.2980000	4.0000000	1.6000000	90.0000000	90.0000000	60.0000000	283.6970520

11962	1.2980000	4.5000000	1.6000000	90.0000000	90.0000000	60.0000000	277.3066838
11963	1.2980000	5.0000000	1.6000000	90.0000000	90.0000000	60.0000000	273.7001985
11964	1.2980000	5.5000000	1.6000000	90.0000000	90.0000000	60.0000000	271.8328559
11965	1.2980000	6.0000000	1.6000000	90.0000000	90.0000000	60.0000000	270.9409140
11966	1.2980000	7.0000000	1.6000000	90.0000000	90.0000000	60.0000000	270.3870113
11967	1.2980000	8.0000000	1.6000000	90.0000000	90.0000000	60.0000000	270.3230681
11968	1.2980000	9.0000000	1.6000000	90.0000000	90.0000000	60.0000000	270.3420816
11969	1.2980000	10.0000000	1.6000000	90.0000000	90.0000000	60.0000000	270.3628522
11970	1.2980000	0.8000000	1.7000000	90.0000000	90.0000000	60.0000000	522.0063250
11971	1.2980000	0.9000000	1.7000000	90.0000000	90.0000000	60.0000000	300.3165776
11972	1.2980000	1.0000000	1.7000000	90.0000000	90.0000000	60.0000000	207.6791738
11973	1.2980000	1.1000000	1.7000000	90.0000000	90.0000000	60.0000000	181.8084642
11974	1.2980000	1.2000000	1.7000000	90.0000000	90.0000000	60.0000000	188.4084206
11975	1.2980000	1.3000000	1.7000000	90.0000000	90.0000000	60.0000000	208.2990276
11976	1.2980000	1.4000000	1.7000000	90.0000000	90.0000000	60.0000000	230.9485429
11977	1.2980000	1.5000000	1.7000000	90.0000000	90.0000000	60.0000000	251.5017372
11978	1.2980000	1.6000000	1.7000000	90.0000000	90.0000000	60.0000000	268.4855321
11979	1.2980000	1.7000000	1.7000000	90.0000000	90.0000000	60.0000000	281.9499402
11980	1.2980000	1.8000000	1.7000000	90.0000000	90.0000000	60.0000000	292.6191072
11981	1.2980000	2.0000000	1.7000000	90.0000000	90.0000000	60.0000000	307.4337274
11982	1.2980000	2.2000000	1.7000000	90.0000000	90.0000000	60.0000000	314.2665526
11983	1.2980000	2.4000000	1.7000000	90.0000000	90.0000000	60.0000000	314.4247477
11984	1.2980000	2.6000000	1.7000000	90.0000000	90.0000000	60.0000000	310.9214251
11985	1.2980000	2.8000000	1.7000000	90.0000000	90.0000000	60.0000000	306.0080258
11986	1.2980000	3.0000000	1.7000000	90.0000000	90.0000000	60.0000000	300.8003247
11987	1.2980000	3.5000000	1.7000000	90.0000000	90.0000000	60.0000000	289.2109151
11988	1.2980000	4.0000000	1.7000000	90.0000000	90.0000000	60.0000000	281.0042834
11989	1.2980000	4.5000000	1.7000000	90.0000000	90.0000000	60.0000000	275.9069611
11990	1.2980000	5.0000000	1.7000000	90.0000000	90.0000000	60.0000000	273.0264416
11991	1.2980000	5.5000000	1.7000000	90.0000000	90.0000000	60.0000000	271.5312121
11992	1.2980000	6.0000000	1.7000000	90.0000000	90.0000000	60.0000000	270.8146591
11993	1.2980000	7.0000000	1.7000000	90.0000000	90.0000000	60.0000000	270.3696920
11994	1.2980000	8.0000000	1.7000000	90.0000000	90.0000000	60.0000000	270.3233191
11995	1.2980000	9.0000000	1.7000000	90.0000000	90.0000000	60.0000000	270.3437759
11996	1.2980000	10.0000000	1.7000000	90.0000000	90.0000000	60.0000000	270.3639189
11997	1.2980000	0.8000000	1.8000000	90.0000000	90.0000000	60.0000000	482.6343098
11998	1.2980000	0.9000000	1.8000000	90.0000000	90.0000000	60.0000000	261.7002094
11999	1.2980000	1.0000000	1.8000000	90.0000000	90.0000000	60.0000000	170.6333363
12000	1.2980000	1.1000000	1.8000000	90.0000000	90.0000000	60.0000000	147.0835332
12001	1.2980000	1.2000000	1.8000000	90.0000000	90.0000000	60.0000000	156.7744130
12002	1.2980000	1.3000000	1.8000000	90.0000000	90.0000000	60.0000000	180.6231615
12003	1.2980000	1.4000000	1.8000000	90.0000000	90.0000000	60.0000000	208.0402427
12004	1.2980000	1.5000000	1.8000000	90.0000000	90.0000000	60.0000000	233.5008122
12005	1.2980000	1.6000000	1.8000000	90.0000000	90.0000000	60.0000000	254.7868748
12006	1.2980000	1.7000000	1.8000000	90.0000000	90.0000000	60.0000000	271.5881272
12007	1.2980000	1.8000000	1.8000000	90.0000000	90.0000000	60.0000000	284.2562884
12008	1.2980000	2.0000000	1.8000000	90.0000000	90.0000000	60.0000000	299.8520324
12009	1.2980000	2.2000000	1.8000000	90.0000000	90.0000000	60.0000000	305.8529055
12010	1.2980000	2.4000000	1.8000000	90.0000000	90.0000000	60.0000000	305.6922003
12011	1.2980000	2.6000000	1.8000000	90.0000000	90.0000000	60.0000000	302.6287619
12012	1.2980000	2.8000000	1.8000000	90.0000000	90.0000000	60.0000000	298.5659517
12013	1.2980000	3.0000000	1.8000000	90.0000000	90.0000000	60.0000000	294.3641484
12014	1.2980000	3.5000000	1.8000000	90.0000000	90.0000000	60.0000000	285.1850025
12015	1.2980000	4.0000000	1.8000000	90.0000000	90.0000000	60.0000000	278.7371543
12016	1.2980000	4.5000000	1.8000000	90.0000000	90.0000000	60.0000000	274.7293769
12017	1.2980000	5.0000000	1.8000000	90.0000000	90.0000000	60.0000000	272.4586711

12018	1.2980000	5.5000000	1.8000000	90.0000000	90.0000000	60.0000000	271.2761295
12019	1.2980000	6.0000000	1.8000000	90.0000000	90.0000000	60.0000000	270.7074177
12020	1.2980000	7.0000000	1.8000000	90.0000000	90.0000000	60.0000000	270.3553221
12021	1.2980000	8.0000000	1.8000000	90.0000000	90.0000000	60.0000000	270.3240721
12022	1.2980000	9.0000000	1.8000000	90.0000000	90.0000000	60.0000000	270.3455329
12023	1.2980000	10.0000000	1.8000000	90.0000000	90.0000000	60.0000000	270.3650485
12024	1.2980000	0.8000000	1.9000000	90.0000000	90.0000000	60.0000000	453.3723508
12025	1.2980000	0.9000000	1.9000000	90.0000000	90.0000000	60.0000000	232.6153335
12026	1.2980000	1.0000000	1.9000000	90.0000000	90.0000000	60.0000000	142.2815170
12027	1.2980000	1.1000000	1.9000000	90.0000000	90.0000000	60.0000000	119.9434975
12028	1.2980000	1.2000000	1.9000000	90.0000000	90.0000000	60.0000000	131.2830957
12029	1.2980000	1.3000000	1.9000000	90.0000000	90.0000000	60.0000000	157.2107204
12030	1.2980000	1.4000000	1.9000000	90.0000000	90.0000000	60.0000000	187.1463109
12031	1.2980000	1.5000000	1.9000000	90.0000000	90.0000000	60.0000000	215.4767321
12032	1.2980000	1.6000000	1.9000000	90.0000000	90.0000000	60.0000000	239.6296972
12033	1.2980000	1.7000000	1.9000000	90.0000000	90.0000000	60.0000000	258.9151341
12034	1.2980000	1.8000000	1.9000000	90.0000000	90.0000000	60.0000000	273.4934342
12035	1.2980000	2.0000000	1.9000000	90.0000000	90.0000000	60.0000000	290.7504467
12036	1.2980000	2.2000000	1.9000000	90.0000000	90.0000000	60.0000000	297.1071177
12037	1.2980000	2.4000000	1.9000000	90.0000000	90.0000000	60.0000000	297.4782896
12038	1.2980000	2.6000000	1.9000000	90.0000000	90.0000000	60.0000000	295.2480581
12039	1.2980000	2.8000000	1.9000000	90.0000000	90.0000000	60.0000000	292.1483496
12040	1.2980000	3.0000000	1.9000000	90.0000000	90.0000000	60.0000000	288.9182446
12041	1.2980000	3.5000000	1.9000000	90.0000000	90.0000000	60.0000000	281.8463383
12042	1.2980000	4.0000000	1.9000000	90.0000000	90.0000000	60.0000000	276.8632228
12043	1.2980000	4.5000000	1.9000000	90.0000000	90.0000000	60.0000000	273.7550429
12044	1.2980000	5.0000000	1.9000000	90.0000000	90.0000000	60.0000000	271.9875998
12045	1.2980000	5.5000000	1.9000000	90.0000000	90.0000000	60.0000000	271.0636548
12046	1.2980000	6.0000000	1.9000000	90.0000000	90.0000000	60.0000000	270.6178093
12047	1.2980000	7.0000000	1.9000000	90.0000000	90.0000000	60.0000000	270.3437132
12048	1.2980000	8.0000000	1.9000000	90.0000000	90.0000000	60.0000000	270.3252016
12049	1.2980000	9.0000000	1.9000000	90.0000000	90.0000000	60.0000000	270.3473527
12050	1.2980000	10.0000000	1.9000000	90.0000000	90.0000000	60.0000000	270.3662407
12051	1.2980000	0.8000000	2.0000000	90.0000000	90.0000000	60.0000000	431.8419987
12052	1.2980000	0.9000000	2.0000000	90.0000000	90.0000000	60.0000000	210.9890981
12053	1.2980000	1.0000000	2.0000000	90.0000000	90.0000000	60.0000000	120.9564860
12054	1.2980000	1.1000000	2.0000000	90.0000000	90.0000000	60.0000000	99.2536944
12055	1.2980000	1.2000000	2.0000000	90.0000000	90.0000000	60.0000000	111.5201867
12056	1.2980000	1.3000000	2.0000000	90.0000000	90.0000000	60.0000000	138.6408325
12057	1.2980000	1.4000000	2.0000000	90.0000000	90.0000000	60.0000000	170.0213262
12058	1.2980000	1.5000000	2.0000000	90.0000000	90.0000000	60.0000000	200.0182872
12059	1.2980000	1.6000000	2.0000000	90.0000000	90.0000000	60.0000000	225.9467904
12060	1.2980000	1.7000000	2.0000000	90.0000000	90.0000000	60.0000000	246.9132624
12061	1.2980000	1.8000000	2.0000000	90.0000000	90.0000000	60.0000000	262.9453764
12062	1.2980000	2.0000000	2.0000000	90.0000000	90.0000000	60.0000000	282.0433763
12063	1.2980000	2.2000000	2.0000000	90.0000000	90.0000000	60.0000000	289.2785605
12064	1.2980000	2.4000000	2.0000000	90.0000000	90.0000000	60.0000000	290.4400178
12065	1.2980000	2.6000000	2.0000000	90.0000000	90.0000000	60.0000000	289.0734277
12066	1.2980000	2.8000000	2.0000000	90.0000000	90.0000000	60.0000000	286.8523579
12067	1.2980000	3.0000000	2.0000000	90.0000000	90.0000000	60.0000000	284.4597898
12068	1.2980000	3.5000000	2.0000000	90.0000000	90.0000000	60.0000000	279.1330501
12069	1.2980000	4.0000000	2.0000000	90.0000000	90.0000000	60.0000000	275.3400064
12070	1.2980000	4.5000000	2.0000000	90.0000000	90.0000000	60.0000000	272.9611807
12071	1.2980000	5.0000000	2.0000000	90.0000000	90.0000000	60.0000000	271.6024972
12072	1.2980000	5.5000000	2.0000000	90.0000000	90.0000000	60.0000000	270.8892071
12073	1.2980000	6.0000000	2.0000000	90.0000000	90.0000000	60.0000000	270.5440142

12074	1.2980000	7.0000000	2.0000000	90.0000000	90.0000000	60.0000000	270.3347398
12075	1.2980000	8.0000000	2.0000000	90.0000000	90.0000000	60.0000000	270.3267704
12076	1.2980000	9.0000000	2.0000000	90.0000000	90.0000000	60.0000000	270.3492352
12077	1.2980000	10.0000000	2.0000000	90.0000000	90.0000000	60.0000000	270.3673702
12078	1.2980000	0.8000000	2.2000000	90.0000000	90.0000000	60.0000000	404.7112501
12079	1.2980000	0.9000000	2.2000000	90.0000000	90.0000000	60.0000000	183.3901646
12080	1.2980000	1.0000000	2.2000000	90.0000000	90.0000000	60.0000000	93.3911870
12081	1.2980000	1.1000000	2.2000000	90.0000000	90.0000000	60.0000000	72.1413945
12082	1.2980000	1.2000000	2.2000000	90.0000000	90.0000000	60.0000000	85.2238375
12083	1.2980000	1.3000000	2.2000000	90.0000000	90.0000000	60.0000000	113.4844797
12084	1.2980000	1.4000000	2.2000000	90.0000000	90.0000000	60.0000000	146.3015936
12085	1.2980000	1.5000000	2.2000000	90.0000000	90.0000000	60.0000000	178.0002348
12086	1.2980000	1.6000000	2.2000000	90.0000000	90.0000000	60.0000000	205.8178552
12087	1.2980000	1.7000000	2.2000000	90.0000000	90.0000000	60.0000000	228.7076438
12088	1.2980000	1.8000000	2.2000000	90.0000000	90.0000000	60.0000000	246.5653084
12089	1.2980000	2.0000000	2.2000000	90.0000000	90.0000000	60.0000000	268.5713754
12090	1.2980000	2.2000000	2.2000000	90.0000000	90.0000000	60.0000000	277.5881218
12091	1.2980000	2.4000000	2.2000000	90.0000000	90.0000000	60.0000000	280.1762218
12092	1.2980000	2.6000000	2.2000000	90.0000000	90.0000000	60.0000000	280.1782299
12093	1.2980000	2.8000000	2.2000000	90.0000000	90.0000000	60.0000000	279.2696590
12094	1.2980000	3.0000000	2.2000000	90.0000000	90.0000000	60.0000000	278.0953377
12095	1.2980000	3.5000000	2.2000000	90.0000000	90.0000000	60.0000000	275.2616931
12096	1.2980000	4.0000000	2.2000000	90.0000000	90.0000000	60.0000000	273.1594736
12097	1.2980000	4.5000000	2.2000000	90.0000000	90.0000000	60.0000000	271.8193644
12098	1.2980000	5.0000000	2.2000000	90.0000000	90.0000000	60.0000000	271.0451432
12099	1.2980000	5.5000000	2.2000000	90.0000000	90.0000000	60.0000000	270.6350658
12100	1.2980000	6.0000000	2.2000000	90.0000000	90.0000000	60.0000000	270.4365846
12101	1.2980000	7.0000000	2.2000000	90.0000000	90.0000000	60.0000000	270.3235074
12102	1.2980000	8.0000000	2.2000000	90.0000000	90.0000000	60.0000000	270.3308492
12103	1.2980000	9.0000000	2.2000000	90.0000000	90.0000000	60.0000000	270.3530630
12104	1.2980000	10.0000000	2.2000000	90.0000000	90.0000000	60.0000000	270.3697548
12105	1.2980000	0.8000000	2.4000000	90.0000000	90.0000000	60.0000000	390.5358738
12106	1.2980000	0.9000000	2.4000000	90.0000000	90.0000000	60.0000000	168.7389479
12107	1.2980000	1.0000000	2.4000000	90.0000000	90.0000000	60.0000000	78.5370965
12108	1.2980000	1.1000000	2.4000000	90.0000000	90.0000000	60.0000000	57.3131574
12109	1.2980000	1.2000000	2.4000000	90.0000000	90.0000000	60.0000000	70.6219430
12110	1.2980000	1.3000000	2.4000000	90.0000000	90.0000000	60.0000000	99.2905919
12111	1.2980000	1.4000000	2.4000000	90.0000000	90.0000000	60.0000000	132.6838850
12112	1.2980000	1.5000000	2.4000000	90.0000000	90.0000000	60.0000000	165.1137002
12113	1.2980000	1.6000000	2.4000000	90.0000000	90.0000000	60.0000000	193.7910087
12114	1.2980000	1.7000000	2.4000000	90.0000000	90.0000000	60.0000000	217.6150961
12115	1.2980000	1.8000000	2.4000000	90.0000000	90.0000000	60.0000000	236.4289596
12116	1.2980000	2.0000000	2.4000000	90.0000000	90.0000000	60.0000000	260.2117570
12117	1.2980000	2.2000000	2.4000000	90.0000000	90.0000000	60.0000000	270.4707211
12118	1.2980000	2.4000000	2.4000000	90.0000000	90.0000000	60.0000000	274.0014659
12119	1.2980000	2.6000000	2.4000000	90.0000000	90.0000000	60.0000000	274.8504862
12120	1.2980000	2.8000000	2.4000000	90.0000000	90.0000000	60.0000000	274.7313221
12121	1.2980000	3.0000000	2.4000000	90.0000000	90.0000000	60.0000000	274.2825274
12122	1.2980000	3.5000000	2.4000000	90.0000000	90.0000000	60.0000000	272.9304328
12123	1.2980000	4.0000000	2.4000000	90.0000000	90.0000000	60.0000000	271.8372484
12124	1.2980000	4.5000000	2.4000000	90.0000000	90.0000000	60.0000000	271.1210092
12125	1.2980000	5.0000000	2.4000000	90.0000000	90.0000000	60.0000000	270.7008916
12126	1.2980000	5.5000000	2.4000000	90.0000000	90.0000000	60.0000000	270.4773099
12127	1.2980000	6.0000000	2.4000000	90.0000000	90.0000000	60.0000000	270.3709470
12128	1.2980000	7.0000000	2.4000000	90.0000000	90.0000000	60.0000000	270.3195541
12129	1.2980000	8.0000000	2.4000000	90.0000000	90.0000000	60.0000000	270.3357438

12130	1.2980000	9.0000000	2.4000000	90.0000000	90.0000000	60.0000000	270.3568908
12131	1.2980000	10.0000000	2.4000000	90.0000000	90.0000000	60.0000000	270.3722021
12132	1.2980000	0.8000000	2.6000000	90.0000000	90.0000000	60.0000000	383.2425194
12133	1.2980000	0.9000000	2.6000000	90.0000000	90.0000000	60.0000000	161.0959453
12134	1.2980000	1.0000000	2.6000000	90.0000000	90.0000000	60.0000000	70.6924124
12135	1.2980000	1.1000000	2.6000000	90.0000000	90.0000000	60.0000000	49.3912268
12136	1.2980000	1.2000000	2.6000000	90.0000000	90.0000000	60.0000000	62.7336470
12137	1.2980000	1.3000000	2.6000000	90.0000000	90.0000000	60.0000000	91.5383398
12138	1.2980000	1.4000000	2.6000000	90.0000000	90.0000000	60.0000000	125.1648782
12139	1.2980000	1.5000000	2.6000000	90.0000000	90.0000000	60.0000000	157.9203081
12140	1.2980000	1.6000000	2.6000000	90.0000000	90.0000000	60.0000000	187.0050585
12141	1.2980000	1.7000000	2.6000000	90.0000000	90.0000000	60.0000000	211.2947579
12142	1.2980000	1.8000000	2.6000000	90.0000000	90.0000000	60.0000000	230.6086210
12143	1.2980000	2.0000000	2.6000000	90.0000000	90.0000000	60.0000000	255.4072934
12144	1.2980000	2.2000000	2.6000000	90.0000000	90.0000000	60.0000000	266.4251675
12145	1.2980000	2.4000000	2.6000000	90.0000000	90.0000000	60.0000000	270.5121994
12146	1.2980000	2.6000000	2.6000000	90.0000000	90.0000000	60.0000000	271.8422685
12147	1.2980000	2.8000000	2.6000000	90.0000000	90.0000000	60.0000000	272.1649967
12148	1.2980000	3.0000000	2.6000000	90.0000000	90.0000000	60.0000000	272.1211338
12149	1.2980000	3.5000000	2.6000000	90.0000000	90.0000000	60.0000000	271.5990459
12150	1.2980000	4.0000000	2.6000000	90.0000000	90.0000000	60.0000000	271.0751382
12151	1.2980000	4.5000000	2.6000000	90.0000000	90.0000000	60.0000000	270.7143830
12152	1.2980000	5.0000000	2.6000000	90.0000000	90.0000000	60.0000000	270.4991472
12153	1.2980000	5.5000000	2.6000000	90.0000000	90.0000000	60.0000000	270.3856308
12154	1.2980000	6.0000000	2.6000000	90.0000000	90.0000000	60.0000000	270.3348653
12155	1.2980000	7.0000000	2.6000000	90.0000000	90.0000000	60.0000000	270.3208091
12156	1.2980000	8.0000000	2.6000000	90.0000000	90.0000000	60.0000000	270.3412031
12157	1.2980000	9.0000000	2.6000000	90.0000000	90.0000000	60.0000000	270.3606559
12158	1.2980000	10.0000000	2.6000000	90.0000000	90.0000000	60.0000000	270.3745866
12159	1.2980000	0.8000000	2.8000000	90.0000000	90.0000000	60.0000000	379.5594781
12160	1.2980000	0.9000000	2.8000000	90.0000000	90.0000000	60.0000000	157.1930873
12161	1.2980000	1.0000000	2.8000000	90.0000000	90.0000000	60.0000000	66.6476118
12162	1.2980000	1.1000000	2.8000000	90.0000000	90.0000000	60.0000000	45.2697446
12163	1.2980000	1.2000000	2.8000000	90.0000000	90.0000000	60.0000000	58.5944063
12164	1.2980000	1.3000000	2.8000000	90.0000000	90.0000000	60.0000000	87.4368751
12165	1.2980000	1.4000000	2.8000000	90.0000000	90.0000000	60.0000000	121.1551555
12166	1.2980000	1.5000000	2.8000000	90.0000000	90.0000000	60.0000000	154.0551635
12167	1.2980000	1.6000000	2.8000000	90.0000000	90.0000000	60.0000000	183.3333750
12168	1.2980000	1.7000000	2.8000000	90.0000000	90.0000000	60.0000000	207.8541862
12169	1.2980000	1.8000000	2.8000000	90.0000000	90.0000000	60.0000000	227.4255165
12170	1.2980000	2.0000000	2.8000000	90.0000000	90.0000000	60.0000000	252.7846175
12171	1.2980000	2.2000000	2.8000000	90.0000000	90.0000000	60.0000000	264.2401168
12172	1.2980000	2.4000000	2.8000000	90.0000000	90.0000000	60.0000000	268.6373266
12173	1.2980000	2.6000000	2.8000000	90.0000000	90.0000000	60.0000000	270.2263689
12174	1.2980000	2.8000000	2.8000000	90.0000000	90.0000000	60.0000000	270.7835973
12175	1.2980000	3.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.9542172
12176	1.2980000	3.5000000	2.8000000	90.0000000	90.0000000	60.0000000	270.8735194
12177	1.2980000	4.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.6556481
12178	1.2980000	4.5000000	2.8000000	90.0000000	90.0000000	60.0000000	270.4891071
12179	1.2980000	5.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.3880780
12180	1.2980000	5.5000000	2.8000000	90.0000000	90.0000000	60.0000000	270.3372498
12181	1.2980000	6.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.3186128
12182	1.2980000	7.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.3253271
12183	1.2980000	8.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.3467252
12184	1.2980000	9.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.3643582
12185	1.2980000	10.0000000	2.8000000	90.0000000	90.0000000	60.0000000	270.3769711

12186	1.2980000	0.8000000	3.0000000	90.0000000	90.0000000	60.0000000	377.7473562
12187	1.2980000	0.9000000	3.0000000	90.0000000	90.0000000	60.0000000	155.2562794
12188	1.2980000	1.0000000	3.0000000	90.0000000	90.0000000	60.0000000	64.6249605
12189	1.2980000	1.1000000	3.0000000	90.0000000	90.0000000	60.0000000	43.1938177
12190	1.2980000	1.2000000	3.0000000	90.0000000	90.0000000	60.0000000	56.4946968
12191	1.2980000	1.3000000	3.0000000	90.0000000	90.0000000	60.0000000	85.3419976
12192	1.2980000	1.4000000	3.0000000	90.0000000	90.0000000	60.0000000	119.0935359
12193	1.2980000	1.5000000	3.0000000	90.0000000	90.0000000	60.0000000	152.0556673
12194	1.2980000	1.6000000	3.0000000	90.0000000	90.0000000	60.0000000	181.4232989
12195	1.2980000	1.7000000	3.0000000	90.0000000	90.0000000	60.0000000	206.0558068
12196	1.2980000	1.8000000	3.0000000	90.0000000	90.0000000	60.0000000	225.7558392
12197	1.2980000	2.0000000	3.0000000	90.0000000	90.0000000	60.0000000	251.4140114
12198	1.2980000	2.2000000	3.0000000	90.0000000	90.0000000	60.0000000	263.1113527
12199	1.2980000	2.4000000	3.0000000	90.0000000	90.0000000	60.0000000	267.6738486
12200	1.2980000	2.6000000	3.0000000	90.0000000	90.0000000	60.0000000	269.3959229
12201	1.2980000	2.8000000	3.0000000	90.0000000	90.0000000	60.0000000	270.0718761
12202	1.2980000	3.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3508668
12203	1.2980000	3.5000000	3.0000000	90.0000000	90.0000000	60.0000000	270.4949429
12204	1.2980000	4.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.4356433
12205	1.2980000	4.5000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3718256
12206	1.2980000	5.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3325435
12207	1.2980000	5.5000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3161655
12208	1.2980000	6.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3149105
12209	1.2980000	7.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3316650
12210	1.2980000	8.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3521218
12211	1.2980000	9.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3679978
12212	1.2980000	10.0000000	3.0000000	90.0000000	90.0000000	60.0000000	270.3792302
12213	1.2980000	0.8000000	3.5000000	90.0000000	90.0000000	60.0000000	376.3786326
12214	1.2980000	0.9000000	3.5000000	90.0000000	90.0000000	60.0000000	153.7797496
12215	1.2980000	1.0000000	3.5000000	90.0000000	90.0000000	60.0000000	63.0699292
12216	1.2980000	1.1000000	3.5000000	90.0000000	90.0000000	60.0000000	41.5843814
12217	1.2980000	1.2000000	3.5000000	90.0000000	90.0000000	60.0000000	54.8531320
12218	1.2980000	1.3000000	3.5000000	90.0000000	90.0000000	60.0000000	83.6903926
12219	1.2980000	1.4000000	3.5000000	90.0000000	90.0000000	60.0000000	117.4547321
12220	1.2980000	1.5000000	3.5000000	90.0000000	90.0000000	60.0000000	150.4538238
12221	1.2980000	1.6000000	3.5000000	90.0000000	90.0000000	60.0000000	179.8828259
12222	1.2980000	1.7000000	3.5000000	90.0000000	90.0000000	60.0000000	204.5960942
12223	1.2980000	1.8000000	3.5000000	90.0000000	90.0000000	60.0000000	224.3936417
12224	1.2980000	2.0000000	3.5000000	90.0000000	90.0000000	60.0000000	250.3045746
12225	1.2980000	2.2000000	3.5000000	90.0000000	90.0000000	60.0000000	262.2164615
12226	1.2980000	2.4000000	3.5000000	90.0000000	90.0000000	60.0000000	266.9178252
12227	1.2980000	2.6000000	3.5000000	90.0000000	90.0000000	60.0000000	268.7455720
12228	1.2980000	2.8000000	3.5000000	90.0000000	90.0000000	60.0000000	269.5141457
12229	1.2980000	3.0000000	3.5000000	90.0000000	90.0000000	60.0000000	269.8779757
12230	1.2980000	3.5000000	3.5000000	90.0000000	90.0000000	60.0000000	270.2015195
12231	1.2980000	4.0000000	3.5000000	90.0000000	90.0000000	60.0000000	270.2725536
12232	1.2980000	4.5000000	3.5000000	90.0000000	90.0000000	60.0000000	270.2949557
12233	1.2980000	5.0000000	3.5000000	90.0000000	90.0000000	60.0000000	270.3073804
12234	1.2980000	5.5000000	3.5000000	90.0000000	90.0000000	60.0000000	270.3186128
12235	1.2980000	6.0000000	3.5000000	90.0000000	90.0000000	60.0000000	270.3295942
12236	1.2980000	7.0000000	3.5000000	90.0000000	90.0000000	60.0000000	270.3489842
12237	1.2980000	8.0000000	3.5000000	90.0000000	90.0000000	60.0000000	270.3644837
12238	1.2980000	9.0000000	3.5000000	90.0000000	90.0000000	60.0000000	270.3761554
12239	1.2980000	10.0000000	3.5000000	90.0000000	90.0000000	60.0000000	270.3842502
12240	1.2980000	0.8000000	4.0000000	90.0000000	90.0000000	60.0000000	376.2207512
12241	1.2980000	0.9000000	4.0000000	90.0000000	90.0000000	60.0000000	153.6041724

12242	1.2980000	1.0000000	4.0000000	90.0000000	90.0000000	60.0000000	62.8828060
12243	1.2980000	1.1000000	4.0000000	90.0000000	90.0000000	60.0000000	41.3899790
12244	1.2980000	1.2000000	4.0000000	90.0000000	90.0000000	60.0000000	54.6549645
12245	1.2980000	1.3000000	4.0000000	90.0000000	90.0000000	60.0000000	83.4914094
12246	1.2980000	1.4000000	4.0000000	90.0000000	90.0000000	60.0000000	117.2575687
12247	1.2980000	1.5000000	4.0000000	90.0000000	90.0000000	60.0000000	150.2613667
12248	1.2980000	1.6000000	4.0000000	90.0000000	90.0000000	60.0000000	179.6977106
12249	1.2980000	1.7000000	4.0000000	90.0000000	90.0000000	60.0000000	204.4200779
12250	1.2980000	1.8000000	4.0000000	90.0000000	90.0000000	60.0000000	224.2282929
12251	1.2980000	2.0000000	4.0000000	90.0000000	90.0000000	60.0000000	250.1764372
12252	1.2980000	2.2000000	4.0000000	90.0000000	90.0000000	60.0000000	262.1239038
12253	1.2980000	2.4000000	4.0000000	90.0000000	90.0000000	60.0000000	266.8464146
12254	1.2980000	2.6000000	4.0000000	90.0000000	90.0000000	60.0000000	268.6885942
12255	1.2980000	2.8000000	4.0000000	90.0000000	90.0000000	60.0000000	269.4694669
12256	1.2980000	3.0000000	4.0000000	90.0000000	90.0000000	60.0000000	269.8445921
12257	1.2980000	3.5000000	4.0000000	90.0000000	90.0000000	60.0000000	270.1925461
12258	1.2980000	4.0000000	4.0000000	90.0000000	90.0000000	60.0000000	270.2805858
12259	1.2980000	4.5000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3125887
12260	1.2980000	5.0000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3290294
12261	1.2980000	5.5000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3405129
12262	1.2980000	6.0000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3497372
12263	1.2980000	7.0000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3639189
12264	1.2980000	8.0000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3748376
12265	1.2980000	9.0000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3828697
12266	1.2980000	10.0000000	4.0000000	90.0000000	90.0000000	60.0000000	270.3882663
12267	1.2980000	0.8000000	10.0000000	90.0000000	90.0000000	60.0000000	376.3042099
12268	1.2980000	0.9000000	10.0000000	90.0000000	90.0000000	60.0000000	153.6793481
12269	1.2980000	1.0000000	10.0000000	90.0000000	90.0000000	60.0000000	62.9594877
12270	1.2980000	1.1000000	10.0000000	90.0000000	90.0000000	60.0000000	41.4736887
12271	1.2980000	1.2000000	10.0000000	90.0000000	90.0000000	60.0000000	54.7488400
12272	1.2980000	1.3000000	10.0000000	90.0000000	90.0000000	60.0000000	83.5963289
12273	1.2980000	1.4000000	10.0000000	90.0000000	90.0000000	60.0000000	117.3725912
12274	1.2980000	1.5000000	10.0000000	90.0000000	90.0000000	60.0000000	150.3837310
12275	1.2980000	1.6000000	10.0000000	90.0000000	90.0000000	60.0000000	179.8234007
12276	1.2980000	1.7000000	10.0000000	90.0000000	90.0000000	60.0000000	204.5439482
12277	1.2980000	1.8000000	10.0000000	90.0000000	90.0000000	60.0000000	224.3461392
12278	1.2980000	2.0000000	10.0000000	90.0000000	90.0000000	60.0000000	250.2839924
12279	1.2980000	2.2000000	10.0000000	90.0000000	90.0000000	60.0000000	262.2261879
12280	1.2980000	2.4000000	10.0000000	90.0000000	90.0000000	60.0000000	266.9439923
12281	1.2980000	2.6000000	10.0000000	90.0000000	90.0000000	60.0000000	268.7819048
12282	1.2980000	2.8000000	10.0000000	90.0000000	90.0000000	60.0000000	269.5592008
12283	1.2980000	3.0000000	10.0000000	90.0000000	90.0000000	60.0000000	269.9313767
12284	1.2980000	3.5000000	10.0000000	90.0000000	90.0000000	60.0000000	270.2735576
12285	1.2980000	4.0000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3547573
12286	1.2980000	4.5000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3790419
12287	1.2980000	5.0000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3879525
12288	1.2980000	5.5000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3920941
12289	1.2980000	6.0000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3944159
12290	1.2980000	7.0000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3961102
12291	1.2980000	8.0000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3965494
12292	1.2980000	9.0000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3967377
12293	1.2980000	10.0000000	10.0000000	90.0000000	90.0000000	60.0000000	270.3968004
12294	0.8000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	1179.7918761
12295	0.9000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	891.7356601
12296	1.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	728.0508177
12297	1.1000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	631.1060634

12298	1.2000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	571.5346437
12299	1.3000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	532.4718652
12300	1.4000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	504.3366622
12301	1.5000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	481.9976387
12302	1.6000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	462.9665313
12303	1.7000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	446.1762603
12304	1.8000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	431.2272276
12305	2.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	406.3359348
12306	2.2000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	387.3613661
12307	2.4000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	373.3288738
12308	2.6000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	363.8608225
12309	2.8000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	356.1289018
12310	3.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	350.3433899
12311	3.5000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	348.3140243
12312	4.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	309.4862482
12313	4.5000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	269.9388440
12314	5.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	248.5086425
12315	5.5000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	237.7552637
12316	6.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	232.6426302
12317	7.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	229.3542295
12318	8.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	228.8231683
12319	9.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	228.7731558
12320	10.0000000	1.0980000	1.0000000	60.0000000	90.0000000	90.0000000	228.7906633
12321	0.8000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	1021.4929476
12322	0.9000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	748.2130737
12323	1.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	598.0671249
12324	1.1000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	513.7161718
12325	1.2000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	465.3048827
12326	1.3000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	436.8404882
12327	1.4000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	419.2357726
12328	1.5000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	407.4352687
12329	1.6000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	398.7748849
12330	1.7000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	391.9141356
12331	1.8000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	386.1842838
12332	2.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	376.8259840
12333	2.2000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	369.0603033
12334	2.4000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	362.7599827
12335	2.6000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	357.1770309
12336	2.8000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	351.5609467
12337	3.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	347.6946725
12338	3.5000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	347.4618665
12339	4.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	308.0992639
12340	4.5000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	270.0604554
12341	5.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	248.9459538
12342	5.5000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	238.1162699
12343	6.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	232.8674669
12344	7.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	229.4131527
12345	8.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	228.8349655
12346	9.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	228.7750383
12347	10.0000000	1.0980000	1.1000000	60.0000000	90.0000000	90.0000000	228.7907888
12348	0.8000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	912.2283625
12349	0.9000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	645.9582086
12350	1.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	507.9391313
12351	1.1000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	438.2831325
12352	1.2000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	393.3286675
12353	1.3000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	372.4780337

12354	1.4000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	361.9490522
12355	1.5000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	356.9412128
12356	1.6000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	354.8534260
12357	1.7000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	354.2863457
12358	1.8000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	354.4512552
12359	2.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	355.1957952
12360	2.2000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	355.1910889
12361	2.4000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	354.2354548
12362	2.6000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	351.2117376
12363	2.8000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	347.8219314
12364	3.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	345.6646793
12365	3.5000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	347.1651172
12366	4.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	305.5934931
12367	4.5000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	269.6222656
12368	5.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	249.1320104
12369	5.5000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	238.3749293
12370	6.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	233.0546529
12371	7.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	229.4689383
12372	8.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	228.8467627
12373	9.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	228.7770463
12374	10.0000000	1.0980000	1.2000000	60.0000000	90.0000000	90.0000000	228.7910398
12375	0.8000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	840.3217381
12376	0.9000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	579.3492074
12377	1.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	446.6108107
12378	1.1000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	381.3295568
12379	1.2000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	346.1956151
12380	1.3000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	330.6525820
12381	1.4000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	324.9335861
12382	1.5000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	324.3729064
12383	1.6000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	326.4194031
12384	1.7000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	329.6825778
12385	1.8000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	333.3616031
12386	2.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	340.2311376
12387	2.2000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	345.2249207
12388	2.4000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	347.2019521
12389	2.6000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	346.4745431
12390	2.8000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	345.0840449
12391	3.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	344.3743316
12392	3.5000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	347.3752074
12393	4.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	302.0435466
12394	4.5000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	268.6158658
12395	5.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	249.0445356
12396	5.5000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	238.5149267
12397	6.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	233.1949013
12398	7.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	229.5195783
12399	8.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	228.8583716
12400	9.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	228.7791171
12401	10.0000000	1.0980000	1.3000000	60.0000000	90.0000000	90.0000000	228.7912280
12402	0.8000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	780.0819769
12403	0.9000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	538.6269237
12404	1.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	409.2163351
12405	1.1000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	346.8839491
12406	1.2000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	316.1155908
12407	1.3000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	303.8159847
12408	1.4000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	301.1991195
12409	1.5000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	303.5389518

12410	1.6000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	308.2522382
12411	1.7000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	313.9378505
12412	1.8000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	319.8112765
12413	2.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	330.4443868
12414	2.2000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	338.1010441
12415	2.4000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	342.0435544
12416	2.6000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	343.2547167
12417	2.8000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	343.4800428
12418	3.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	343.9136958
12419	3.5000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	343.1829735
12420	4.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	297.5872315
12421	4.5000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	267.0677811
12422	5.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	248.6774362
12423	5.5000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	238.5260336
12424	6.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	233.2810521
12425	7.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	229.5632028
12426	8.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	228.8694409
12427	9.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	228.7812695
12428	10.0000000	1.0980000	1.4000000	60.0000000	90.0000000	90.0000000	228.7914665
12429	0.8000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	678.3137894
12430	0.9000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	449.4480947
12431	1.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	340.4033261
12432	1.1000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	295.9302864
12433	1.2000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	281.8939663
12434	1.3000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	279.6770381
12435	1.4000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	284.3930855
12436	1.5000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	289.9258366
12437	1.6000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	296.7172461
12438	1.7000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	304.0529574
12439	1.8000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	311.2846275
12440	2.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	323.9458862
12441	2.2000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	333.1222082
12442	2.4000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	338.6708352
12443	2.6000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	341.4843367
12444	2.8000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	342.9864689
12445	3.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	344.2819623
12446	3.5000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	349.1444076
12447	4.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	292.4085151
12448	4.5000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	265.0354850
12449	5.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	248.0401440
12450	5.5000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	238.4046105
12451	6.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	233.3083550
12452	7.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	229.5980797
12453	8.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	228.8796442
12454	9.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	228.7834469
12455	10.0000000	1.0980000	1.5000000	60.0000000	90.0000000	90.0000000	228.7917301
12456	0.8000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	594.8933074
12457	0.9000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	373.0673278
12458	1.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	273.4680201
12459	1.1000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	239.8765594
12460	1.2000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	236.9189818
12461	1.3000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	246.9334682
12462	1.4000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	260.3500601
12463	1.5000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	273.4171918
12464	1.6000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	286.0313873
12465	1.7000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	296.2290438

12466	1.8000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	304.9670504
12467	2.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	319.3393391
12468	2.2000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	329.8369451
12469	2.4000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	336.7743761
12470	2.6000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	340.9091615
12471	2.8000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	343.4296788
12472	3.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	345.3708167
12473	3.5000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	320.2514869
12474	4.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	286.7196397
12475	4.5000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	262.6013758
12476	5.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	247.1565478
12477	5.5000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	238.1538577
12478	6.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	233.2747832
12479	7.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	229.6229291
12480	8.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	228.8887430
12481	9.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	228.7855805
12482	10.0000000	1.0980000	1.6000000	60.0000000	90.0000000	90.0000000	228.7919811
12483	0.8000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	529.0070717
12484	0.9000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	308.1433151
12485	1.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	216.0495227
12486	1.1000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	189.4083570
12487	1.2000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	194.3976220
12488	1.3000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	212.6898998
12489	1.4000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	234.5960044
12490	1.5000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	255.2990480
12491	1.6000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	272.4373985
12492	1.7000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	287.4274703
12493	1.8000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	299.4668044
12494	2.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	316.4967840
12495	2.2000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	328.2674185
12496	2.4000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	336.2765728
12497	2.6000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	341.3748991
12498	2.8000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	344.6285357
12499	3.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	347.0126324
12500	3.5000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	308.7075089
12501	4.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	280.7418589
12502	4.5000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	259.8644932
12503	5.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	246.0624851
12504	5.5000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	237.7831878
12505	6.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	233.1812216
12506	7.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	229.6366716
12507	8.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	228.8964614
12508	9.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	228.7876512
12509	10.0000000	1.0980000	1.7000000	60.0000000	90.0000000	90.0000000	228.7922948
12510	0.8000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	478.3620997
12511	0.9000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	258.4980914
12512	1.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	168.9548739
12513	1.1000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	146.1129016
12514	1.2000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	155.8590022
12515	1.3000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	179.5605998
12516	1.4000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	207.2616918
12517	1.5000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	233.9531837
12518	1.6000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	257.3836345
12519	1.7000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	276.6584665
12520	1.8000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	292.0702874
12521	2.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	314.9462081

12522	2.2000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	328.2112563
12523	2.4000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	337.0191048
12524	2.6000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	342.7369084
12525	2.8000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	346.4309939
12526	3.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	322.7187914
12527	3.5000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	297.5892333
12528	4.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	274.6889025
12529	4.5000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	256.9320787
12530	5.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	244.8021323
12531	5.5000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	237.3073474
12532	6.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	233.0312468
12533	7.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	229.6388051
12534	8.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	228.9025482
12535	9.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	228.7895965
12536	10.0000000	1.0980000	1.8000000	60.0000000	90.0000000	90.0000000	228.7926086
12537	0.8000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	438.9334833
12538	0.9000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	220.2538362
12539	1.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	131.6907258
12540	1.1000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	110.6861639
12541	1.2000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	122.9679676
12542	1.3000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	149.6831167
12543	1.4000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	180.6674010
12544	1.5000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	210.7883577
12545	1.6000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	237.7955497
12546	1.7000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	261.0598360
12547	1.8000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	281.0456990
12548	2.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	311.3146225
12549	2.2000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	321.6175122
12550	2.4000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	322.2453355
12551	2.6000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	318.7609637
12552	2.8000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	313.1588100
12553	3.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	306.3461907
12554	3.5000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	287.1656106
12555	4.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	268.7530394
12556	4.5000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	253.9108088
12557	5.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	243.4246235
12558	5.5000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	236.7451616
12559	6.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	232.8306321
12560	7.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	229.6293925
12561	8.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	228.9068781
12562	9.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	228.7913535
12563	10.0000000	1.0980000	1.9000000	60.0000000	90.0000000	90.0000000	228.7929223
12564	0.8000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	410.4033257
12565	0.9000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	191.3256494
12566	1.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	102.9461484
12567	1.1000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	82.6910838
12568	1.2000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	96.2028688
12569	1.3000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	124.4834030
12570	1.4000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	157.1782781
12571	1.5000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	188.9613819
12572	1.6000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	217.4197523
12573	1.7000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	241.7709478
12574	1.8000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	262.0164742
12575	2.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	289.0306943
12576	2.2000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	299.6855542
12577	2.4000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	301.9374347

12578	2.6000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	300.3291279
12579	2.8000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	296.7299845
12580	3.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	291.9645521
12581	3.5000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	277.6300394
12582	4.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	263.0946609
12583	4.5000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	250.8995163
12584	5.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	241.9798457
12585	5.5000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	236.1180915
12586	6.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	232.5872839
12587	7.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	229.6088101
12588	8.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	228.9093253
12589	9.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	228.7929851
12590	10.0000000	1.0980000	2.0000000	60.0000000	90.0000000	90.0000000	228.7932361
12591	0.8000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	373.9982381
12592	0.9000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	153.7557159
12593	1.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	64.8740190
12594	1.1000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	44.7330357
12595	1.2000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	58.9028899
12596	1.3000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	88.2553358
12597	1.4000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	122.2369818
12598	1.5000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	155.2740379
12599	1.6000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	184.7012829
12600	1.7000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	209.5152038
12601	1.8000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	229.5742971
12602	2.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	255.8520094
12603	2.2000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	267.5531158
12604	2.4000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	271.6168672
12605	2.6000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	272.2266808
12606	2.8000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	271.1473018
12607	3.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	269.0918946
12608	3.5000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	261.6353877
12609	4.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	253.0628553
12610	4.5000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	245.2312232
12611	5.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	239.0737866
12612	5.5000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	234.7587804
12613	6.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	232.0097242
12614	7.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	229.5379016
12615	8.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	228.9084468
12616	9.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	228.7954324
12617	10.0000000	1.0980000	2.2000000	60.0000000	90.0000000	90.0000000	228.7938636
12618	0.8000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	354.6991842
12619	0.9000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	133.4963215
12620	1.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	43.9500921
12621	1.1000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	23.4169154
12622	1.2000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	37.4416894
12623	1.3000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	66.8563842
12624	1.4000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	101.0446063
12625	1.5000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	134.3480402
12626	1.6000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	164.0078402
12627	1.7000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	188.9416782
12628	1.8000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	208.9884724
12629	2.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	235.2766012
12630	2.2000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	247.3963820
12631	2.4000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	252.1603084
12632	2.6000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	253.7434521
12633	2.8000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	253.8906030

12634	3.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	253.2622150
12635	3.5000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	249.8127327
12636	4.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	245.1162636
12637	4.5000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	240.3977688
12638	5.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	236.3940074
12639	5.5000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	233.3975869
12640	6.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	231.3770691
12641	7.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	229.4372491
12642	8.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	228.9005402
12643	9.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	228.7968129
12644	10.0000000	1.0980000	2.4000000	60.0000000	90.0000000	90.0000000	228.7945538
12645	0.8000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	344.6625467
12646	0.9000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	122.8328648
12647	1.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	32.7944170
12648	1.1000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	11.8915744
12649	1.2000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	25.6595715
12650	1.3000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	54.9173890
12651	1.4000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	89.0296825
12652	1.5000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	122.3120947
12653	1.6000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	151.9739028
12654	1.7000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	176.9000851
12655	1.8000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	196.9137467
12656	2.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	223.1711905
12657	2.2000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	235.3728612
12658	2.4000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	240.3274250
12659	2.6000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	242.2595267
12660	2.8000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	242.9260045
12661	3.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	242.9694281
12662	3.5000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	241.6474539
12663	4.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	239.2648004
12664	4.5000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	236.5901040
12665	5.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	234.1312082
12666	5.5000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	232.1648445
12667	6.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	230.7614196
12668	7.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	229.3207205
12669	8.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	228.8870488
12670	9.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	228.7972521
12671	10.0000000	1.0980000	2.6000000	60.0000000	90.0000000	90.0000000	228.7952441
12672	0.8000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	339.5275740
12673	0.9000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	117.3292302
12674	1.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	26.9823615
12675	1.1000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	5.8256913
12676	1.2000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	19.3908145
12677	1.3000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	48.4925077
12678	1.4000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	82.4899670
12679	1.5000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	115.6912423
12680	1.6000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	145.2948803
12681	1.7000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	170.1716775
12682	1.8000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	190.1353267
12683	2.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	216.3220501
12684	2.2000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	228.4829327
12685	2.4000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	233.4322254
12686	2.6000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	235.4408204
12687	2.8000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	236.2845697
12688	3.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	236.6039720
12689	3.5000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	236.3123684

12690	4.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	235.2103990
12691	4.5000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	233.7853250
12692	5.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	232.3579291
12693	5.5000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	231.1376115
12694	6.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	230.2156746
12695	7.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	229.2023722
12696	8.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	228.8701060
12697	9.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	228.7968756
12698	10.0000000	1.0980000	2.8000000	60.0000000	90.0000000	90.0000000	228.7959971
12699	0.8000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	336.9555381
12700	0.9000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	114.5544461
12701	1.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	24.0301177
12702	1.1000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	2.7189547
12703	1.2000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	16.1514852
12704	1.3000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	45.1415444
12705	1.4000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	79.0469480
12706	1.5000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	112.1738634
12707	1.6000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	141.7174486
12708	1.7000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	166.5421627
12709	1.8000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	186.4571171
12710	2.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	212.5683512
12711	2.2000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	224.6614000
12712	2.4000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	229.5502635
12713	2.6000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	231.5375860
12714	2.8000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	232.4149698
12715	3.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	232.8259258
12716	3.5000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	232.9864427
12717	4.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	232.5464331
12718	4.5000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	231.8389788
12719	5.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	231.0577295
12720	5.5000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	230.3418040
12721	6.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	229.7687624
12722	7.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	229.0933111
12723	8.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	228.8520338
12724	9.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	228.7959971
12725	10.0000000	1.0980000	3.0000000	60.0000000	90.0000000	90.0000000	228.7968756
12726	0.8000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	334.9638230
12727	0.9000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	112.3886599
12728	1.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	21.7056970
12729	1.1000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	0.2493911
12730	1.2000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	13.5493916
12731	1.3000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	42.4194082
12732	1.4000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	76.2170686
12733	1.5000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	109.2484770
12734	1.6000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	138.7070975
12735	1.7000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	163.4528081
12736	1.8000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	183.2919594
12737	2.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	209.2790720
12738	2.2000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	221.2517645
12739	2.4000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	226.0137456
12740	2.6000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	227.9005411
12741	2.8000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	228.7228923
12742	3.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	229.1318402
12743	3.5000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	229.5173193
12744	4.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	229.5689005
12745	4.5000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	229.4997491

12746	5.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	229.3733059
12747	5.5000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	229.2284767
12748	6.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	229.0921816
12749	7.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	228.8984067
12750	8.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	228.8138811
12751	9.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	228.7942401
12752	10.0000000	1.0980000	3.5000000	60.0000000	90.0000000	90.0000000	228.7995739
12753	0.8000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	338.8540743
12754	0.9000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	114.9570624
12755	1.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	21.4039278
12756	1.1000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	-0.0755334
12757	1.2000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	13.2028182
12758	1.3000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	42.0517505
12759	1.4000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	75.8285774
12760	1.5000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	108.8389643
12761	1.6000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	138.2759357
12762	1.7000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	162.9980520
12763	1.8000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	182.8119146
12764	2.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	208.7558546
12765	2.2000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	220.6879472
12766	2.4000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	225.4052497
12767	2.6000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	227.2493118
12768	2.8000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.0354557
12769	3.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.4168559
12770	3.5000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.7778621
12771	4.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.8684118
12772	4.5000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.8905001
12773	5.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.8864840
12774	5.5000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.8706708
12775	6.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.8502767
12776	7.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.8135046
12777	8.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.7960599
12778	9.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.7959344
12779	10.0000000	1.0980000	4.0000000	60.0000000	90.0000000	90.0000000	228.8035272
12780	0.8000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	334.8025531
12781	0.9000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	112.1851585
12782	1.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	21.4727655
12783	1.1000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	-0.0056915
12784	1.2000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	13.2762367
12785	1.3000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	42.1296244
12786	1.4000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	75.9100281
12787	1.5000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	108.9216701
12788	1.6000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	138.3563197
12789	1.7000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	163.0714706
12790	1.8000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	182.8741635
12791	2.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	208.7948856
12792	2.2000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	220.7064587
12793	2.4000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	225.4051870
12794	2.6000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	227.2327455
12795	2.8000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.0045822
12796	3.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.3738715
12797	3.5000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.7133542
12798	4.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.7939891
12799	4.5000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8181482
12800	5.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8269333
12801	5.5000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8310750

12802	6.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8333967
12803	7.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8350283
12804	8.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8354675
12805	9.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8355930
12806	10.0000000	1.0980000	10.0000000	60.0000000	90.0000000	90.0000000	228.8356558
12807	0.8000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	1525.1535123
12808	0.9000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	1243.8651115
12809	1.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	1074.5129801
12810	1.1000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	977.1106458
12811	1.2000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	915.0541631
12812	1.3000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	871.4069886
12813	1.4000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	836.8638471
12814	1.5000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	806.7000943
12815	1.6000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	778.8323357
12816	1.7000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	752.5206124
12817	1.8000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	727.5781777
12818	2.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	681.5394390
12819	2.2000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	641.2362626
12820	2.4000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	607.3129121
12821	2.6000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	578.7579053
12822	2.8000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	556.0981617
12823	3.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	539.0646680
12824	3.5000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	512.9748321
12825	4.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	430.3107500
12826	4.5000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	386.1522809
12827	5.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	363.4171734
12828	5.5000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	352.4740984
12829	6.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	347.4489398
12830	7.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	344.3184205
12831	8.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	343.8310339
12832	9.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	343.7896183
12833	10.0000000	0.8980000	1.0000000	60.0000000	90.0000000	90.0000000	343.8082553
12834	0.8000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	1315.9656362
12835	0.9000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	1039.1639909
12836	1.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	892.1808780
12837	1.1000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	812.1150617
12838	1.2000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	758.2985942
12839	1.3000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	728.7526871
12840	1.4000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	708.6817966
12841	1.5000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	693.1413362
12842	1.6000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	679.6566596
12843	1.7000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	667.0639878
12844	1.8000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	654.8030801
12845	2.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	630.4921082
12846	2.2000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	607.1157487
12847	2.4000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	584.5355732
12848	2.6000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	563.9555843
12849	2.8000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	546.7109337
12850	3.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	533.0440283
12851	3.5000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	510.6325275
12852	4.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	428.7463062
12853	4.5000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	386.3102250
12854	5.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	363.8816559
12855	5.5000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	352.8381166
12856	6.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	347.6676896
12857	7.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	344.3731393

12858	8.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	343.8415133
12859	9.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	343.7912498
12860	10.0000000	0.8980000	1.1000000	60.0000000	90.0000000	90.0000000	343.8084436
12861	0.8000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	1178.8044271
12862	0.9000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	905.7830871
12863	1.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	763.2718578
12864	1.1000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	686.6788044
12865	1.2000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	648.6499733
12866	1.3000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	628.2232221
12867	1.4000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	617.0848034
12868	1.5000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	610.6455523
12869	1.6000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	606.1820773
12870	1.7000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	602.3100929
12871	1.8000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	598.4017756
12872	2.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	589.2700067
12873	2.2000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	577.6320905
12874	2.4000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	564.0453809
12875	2.6000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	550.1355039
12876	2.8000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	537.5413260
12877	3.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	526.9586924
12878	3.5000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	508.2404614
12879	4.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	425.9085201
12880	4.5000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	385.8553434
12881	5.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	364.0832119
12882	5.5000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	353.0995371
12883	6.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	347.8498556
12884	7.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	344.4249089
12885	8.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	343.8521182
12886	9.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	343.7930696
12887	10.0000000	0.8980000	1.2000000	60.0000000	90.0000000	90.0000000	343.8086946
12888	0.8000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	1092.5266436
12889	0.9000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	815.8436603
12890	1.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	687.1416553
12891	1.1000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	611.1455517
12892	1.2000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	574.3824700
12893	1.3000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	558.3258203
12894	1.4000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	552.4888526
12895	1.5000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	551.6134770
12896	1.6000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	552.8315356
12897	1.7000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	554.6844456
12898	1.8000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	556.0667234
12899	2.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	552.5805946
12900	2.2000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	549.0074929
12901	2.4000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	546.3837502
12902	2.6000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	537.7588208
12903	2.8000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	529.0046871
12904	3.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	521.0776109
12905	3.5000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	505.8106820
12906	4.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	421.8907025
12907	4.5000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	384.7803570
12908	5.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	363.9986237
12909	5.5000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	353.2416680
12910	6.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	347.9864017
12911	7.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	344.4719093
12912	8.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	343.8624721
12913	9.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	343.7949521

12914	10.0000000	0.8980000	1.3000000	60.0000000	90.0000000	90.0000000	343.8089456
12915	0.8000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	930.2892146
12916	0.9000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	694.2939456
12917	1.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	577.7053837
12918	1.1000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	526.0572124
12919	1.2000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	507.0990216
12920	1.3000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	500.9247049
12921	1.4000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	504.3486477
12922	1.5000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	508.8210331
12923	1.6000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	513.9908955
12924	1.7000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	519.3350799
12925	1.8000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	524.1847241
12926	2.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	530.9513470
12927	2.2000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	533.1898616
12928	2.4000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	531.3981965
12929	2.6000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	526.8983261
12930	2.8000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	521.2542548
12931	3.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	515.5431656
12932	3.5000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	469.5269547
12933	4.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	416.8617788
12934	4.5000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	383.1175823
12935	5.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	363.6218670
12936	5.5000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	353.2540299
12937	6.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	348.0701741
12938	7.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	344.5123209
12939	8.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	343.8723867
12940	9.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	343.7968347
12941	10.0000000	0.8980000	1.4000000	60.0000000	90.0000000	90.0000000	343.8092593
12942	0.8000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	814.1587346
12943	0.9000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	589.8824560
12944	1.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	486.4749188
12945	1.1000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	447.9391855
12946	1.2000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	440.2133515
12947	1.3000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	446.5068951
12948	1.4000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	457.3922392
12949	1.5000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	468.7559965
12950	1.6000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	480.9845874
12951	1.7000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	491.0110593
12952	1.8000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	498.9963055
12953	2.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	510.4526833
12954	2.2000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	516.7452855
12955	2.4000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	518.6879294
12956	2.6000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	517.3980836
12957	2.8000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	514.2622306
12958	3.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	510.3941994
12959	3.5000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	456.2742056
12960	4.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	411.0452680
12961	4.5000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	380.9347278
12962	5.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	362.9639861
12963	5.5000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	353.1331088
12964	6.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	348.0964668
12965	7.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	344.5445750
12966	8.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	343.8815485
12967	9.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	343.7988427
12968	10.0000000	0.8980000	1.5000000	60.0000000	90.0000000	90.0000000	343.8095103
12969	0.8000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	721.1856132

12970	0.9000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	500.6977347
12971	1.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	407.4084740
12972	1.1000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	378.6508443
12973	1.2000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	381.0234577
12974	1.3000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	396.5595882
12975	1.4000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	415.9989532
12976	1.5000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	434.9593403
12977	1.6000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	450.7797953
12978	1.7000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	465.1104802
12979	1.8000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	477.3404516
12980	2.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	493.8474648
12981	2.2000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	503.3891856
12982	2.4000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	508.0921181
12983	2.6000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	509.2001743
12984	2.8000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	508.0094124
12985	3.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	505.6302102
12986	3.5000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	442.7710802
12987	4.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	404.6953113
12988	4.5000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	378.3266102
12989	5.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	362.0513990
12990	5.5000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	352.8823561
12991	6.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	348.0633970
12992	7.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	344.5673536
12993	8.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	343.8897061
12994	9.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	343.8007880
12995	10.0000000	0.8980000	1.6000000	60.0000000	90.0000000	90.0000000	343.8098241
12996	0.8000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	649.3669028
12997	0.9000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	430.8775794
12998	1.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	341.6724641
12999	1.1000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	318.4593827
13000	1.2000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	327.3786140
13001	1.3000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	349.9910434
13002	1.4000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	376.4485372
13003	1.5000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	401.8465438
13004	1.6000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	424.1217497
13005	1.7000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	442.5249710
13006	1.8000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	457.1065969
13007	2.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	480.0997991
13008	2.2000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	492.6321045
13009	2.4000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	499.4100225
13010	2.6000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	502.2560918
13011	2.8000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	502.5109234
13012	3.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	466.8415278
13013	3.5000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	429.5060946
13014	4.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	398.0725763
13015	4.5000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	375.4057419
13016	5.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	360.9232624
13017	5.5000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	352.5117490
13018	6.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	347.9718434
13019	7.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	344.5798410
13020	8.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	343.8966087
13021	9.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	343.8026705
13022	10.0000000	0.8980000	1.7000000	60.0000000	90.0000000	90.0000000	343.8102006
13023	0.8000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	605.0467872
13024	0.9000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	393.6060894
13025	1.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	289.3269415

13026	1.1000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	268.7790183
13027	1.2000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	281.1632943
13028	1.3000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	307.7704490
13029	1.4000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	338.5406270
13030	1.5000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	368.3851659
13031	1.6000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	395.0488592
13032	1.7000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	417.8522397
13033	1.8000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	437.2558367
13034	2.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	469.3240808
13035	2.2000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	476.6400255
13036	2.4000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	473.6345062
13037	2.6000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	466.2433231
13038	2.8000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	456.5359398
13039	3.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	445.5752318
13040	3.5000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	416.8801648
13041	4.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	391.4232977
13042	4.5000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	372.2921653
13043	5.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	359.6274555
13044	5.5000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	352.0367243
13045	6.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	347.8254454
13046	7.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	344.5814725
13047	8.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	343.9021308
13048	9.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	343.8044275
13049	10.0000000	0.8980000	1.8000000	60.0000000	90.0000000	90.0000000	343.8105143
13050	0.8000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	555.1141013
13051	0.9000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	336.2210383
13052	1.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	248.9316466
13053	1.1000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	229.4371863
13054	1.2000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	243.4484061
13055	1.3000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	272.0490957
13056	1.4000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	304.9635991
13057	1.5000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	336.9188288
13058	1.6000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	365.5214009
13059	1.7000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	390.0024280
13060	1.8000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	410.4317519
13061	2.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	436.9180483
13062	2.2000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	445.5352594
13063	2.4000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	445.3881084
13064	2.6000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	441.0979517
13065	2.8000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	434.5861604
13066	3.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	426.7907984
13067	3.5000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	405.1936794
13068	4.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	384.9626484
13069	4.5000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	369.1034132
13070	5.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	358.2165004
13071	5.5000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	351.4767976
13072	6.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	347.6301018
13073	7.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	344.5723109
13074	8.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	343.9060213
13075	9.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	343.8061218
13076	10.0000000	0.8980000	1.9000000	60.0000000	90.0000000	90.0000000	343.8108909
13077	0.8000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	524.3646311
13078	0.9000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	305.9647904
13079	1.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	218.4203162
13080	1.1000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	199.1568421
13081	1.2000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	213.8015328

13082	1.3000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	243.3117346
13083	1.4000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	277.2495804
13084	1.5000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	310.1692922
13085	1.6000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	339.5177221
13086	1.7000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	364.3696072
13087	1.8000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	384.5792401
13088	2.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	410.4149347
13089	2.2000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	420.3793458
13090	2.4000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	422.1754662
13091	2.6000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	420.0847929
13092	2.8000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	415.9318097
13093	3.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	410.5530495
13094	3.5000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	394.6455588
13095	4.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	378.8640721
13096	4.5000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	365.9465385
13097	5.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	356.7434219
13098	5.5000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	350.8540572
13099	6.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	347.3937189
13100	7.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	344.5527326
13101	8.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	343.9082176
13102	9.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	343.8075651
13103	10.0000000	0.8980000	2.0000000	60.0000000	90.0000000	90.0000000	343.8112674
13104	0.8000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	487.5026537
13105	0.9000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	267.5337258
13106	1.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	179.0061952
13107	1.1000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	159.2940518
13108	1.2000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	173.9569402
13109	1.3000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	203.8468480
13110	1.4000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	238.3762471
13111	1.5000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	271.9216485
13112	1.6000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	301.7587199
13113	1.7000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	326.8339358
13114	1.8000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	346.9784332
13115	2.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	373.0495693
13116	2.2000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	384.5226388
13117	2.4000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	388.4207276
13118	2.6000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	388.8714676
13119	2.8000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	387.6106129
13120	3.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	385.3456175
13121	3.5000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	377.3012597
13122	4.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	368.2135420
13123	4.5000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	360.0697241
13124	5.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	353.8042303
13125	5.5000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	348.3002191
13126	6.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	346.8349218
13127	7.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	344.4860910
13128	8.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	343.9075587
13129	9.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	343.8099998
13130	10.0000000	0.8980000	2.2000000	60.0000000	90.0000000	90.0000000	343.8120204
13131	0.8000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	468.4852262
13132	0.9000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	247.3863418
13133	1.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	157.9869495
13134	1.1000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	137.6388254
13135	1.2000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	151.8810941
13136	1.3000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	181.5366271
13137	1.4000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	215.9754138

13138	1.5000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	249.5193093
13139	1.6000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	279.3853089
13140	1.7000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	304.4694982
13141	1.8000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	324.5934132
13142	2.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	350.8285803
13143	2.2000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	362.8323973
13144	2.4000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	367.5159397
13145	2.6000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	369.0407878
13146	2.8000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	369.1329061
13147	3.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	368.4437125
13148	3.5000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	364.8153273
13149	4.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	359.9521916
13150	4.5000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	355.1394449
13151	5.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	351.1267728
13152	5.5000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	348.1790471
13153	6.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	346.2264885
13154	7.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	344.3920273
13155	8.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	343.9006247
13156	9.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	343.8115184
13157	10.0000000	0.8980000	2.4000000	60.0000000	90.0000000	90.0000000	343.8128361
13158	0.8000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	458.8573985
13159	0.9000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	237.0646330
13160	1.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	147.0860934
13161	1.1000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	126.2633462
13162	1.2000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	140.1285633
13163	1.3000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	169.4967283
13164	1.4000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	203.7267113
13165	1.5000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	237.1257461
13166	1.6000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	266.8923734
13167	1.7000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	291.9010230
13168	1.8000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	311.9629652
13169	2.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	338.1902258
13170	2.2000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	350.3063042
13171	2.4000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	355.2011291
13172	2.6000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	357.0984667
13173	2.8000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	357.7430444
13174	3.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	357.7694626
13175	3.5000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	356.4090848
13176	4.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	353.9977542
13177	4.5000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	351.3221165
13178	5.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	348.8956001
13179	5.5000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	346.9834533
13180	6.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	345.6384495
13181	7.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	344.2838448
13182	8.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	343.8887962
13183	9.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	343.8122714
13184	10.0000000	0.8980000	2.6000000	60.0000000	90.0000000	90.0000000	343.8136519
13185	0.8000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	454.0596619
13186	0.9000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	231.8743704
13187	1.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	141.5531039
13188	1.1000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	120.4329549
13189	1.2000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	134.0441374
13190	1.3000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	163.1995453
13191	1.4000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	197.2558022
13192	1.5000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	230.5170673
13193	1.6000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	260.1766164

13194	1.7000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	285.0999122
13195	1.8000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	305.0921131
13196	2.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	331.2490924
13197	2.2000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	343.3353641
13198	2.4000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	348.2302518
13199	2.6000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	350.2076596
13200	2.8000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	351.0345917
13201	3.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	351.3453344
13202	3.5000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	351.0492127
13203	4.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	349.9576599
13204	4.5000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	348.5580628
13205	5.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	347.1702000
13206	5.5000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	345.9969457
13207	6.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	345.1210051
13208	7.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	344.1745954
13209	8.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	343.8740184
13210	9.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	343.8123341
13211	10.0000000	0.8980000	2.8000000	60.0000000	90.0000000	90.0000000	343.8145304
13212	0.8000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	451.7145335
13213	0.9000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	229.3193086
13214	1.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	138.8080073
13215	1.1000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	117.5161779
13216	1.2000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	130.9735201
13217	1.3000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	159.9931602
13218	1.4000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	193.9317653
13219	1.5000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	227.0935639
13220	1.6000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	256.6705390
13221	1.7000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	281.5245327
13222	1.8000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	301.4580802
13223	2.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	327.5398212
13224	2.2000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	339.5656638
13225	2.4000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	344.4042011
13226	2.6000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	346.3616541
13227	2.8000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	347.2220951
13228	3.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	347.6240777
13229	3.5000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	347.7811433
13230	4.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	347.3538094
13231	4.5000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	346.6703888
13232	5.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	345.9209542
13233	5.5000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	345.2401692
13234	6.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	344.7006366
13235	7.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	344.0746958
13236	8.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	343.8583933
13237	9.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	343.8120831
13238	10.0000000	0.8980000	3.0000000	60.0000000	90.0000000	90.0000000	343.8155344
13239	0.8000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	449.9590757
13240	0.9000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	227.3888699
13241	1.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	136.7129979
13242	1.1000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	115.2656654
13243	1.2000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	128.5765218
13244	1.3000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	157.4594651
13245	1.4000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	191.2722484
13246	1.5000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	224.3202858
13247	1.6000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	253.7957863
13248	1.7000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	278.5580632
13249	1.8000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	298.4090744

13250	2.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	324.3716513
13251	2.2000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	336.2908173
13252	2.4000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	341.0131399
13253	2.6000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	342.8762782
13254	2.8000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	343.6846359
13255	3.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	344.0850497
13256	3.5000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	344.4611789
13257	4.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	344.5126974
13258	4.5000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	344.4490053
13259	5.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	344.3318492
13260	5.5000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	344.1981270
13261	6.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	344.0733153
13262	7.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	343.8990560
13263	8.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	343.8263276
13264	9.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	343.8117694
13265	10.0000000	0.8980000	3.5000000	60.0000000	90.0000000	90.0000000	343.8186092
13266	0.8000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	449.7612219
13267	0.9000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	227.1611467
13268	1.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	136.4588064
13269	1.1000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	114.9866307
13270	1.2000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	128.2734536
13271	1.3000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	157.1325954
13272	1.4000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	190.9214643
13273	1.5000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	223.9454117
13274	1.6000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	253.3965962
13275	1.7000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	278.1336597
13276	1.8000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	297.9593384
13277	2.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	323.8828843
13278	2.2000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	335.7674744
13279	2.4000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	340.4507659
13280	2.6000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	342.2755006
13281	2.8000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.0507886
13282	3.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.4259138
13283	3.5000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.7796409
13284	4.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8678687
13285	4.5000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8898943
13286	5.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8872588
13287	5.5000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8738301
13288	6.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8565108
13289	7.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8258883
13290	8.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8127106
13291	9.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8144677
13292	10.0000000	0.8980000	4.0000000	60.0000000	90.0000000	90.0000000	343.8228135
13293	0.8000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	449.8581094
13294	0.9000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	227.2447310
13295	1.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	136.5369814
13296	1.1000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	115.0638583
13297	1.2000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	128.3523755
13298	1.3000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	157.2139835
13299	1.4000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	191.0048038
13300	1.5000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	224.0287449
13301	1.6000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	253.4768233
13302	1.7000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	278.2067833
13303	1.8000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	298.0220893
13304	2.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	323.9264334
13305	2.2000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	335.7953358

13306	2.4000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	340.4638808
13307	2.6000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	342.2751869
13308	2.8000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.0386149
13309	3.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.4034490
13310	3.5000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.7389155
13311	4.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8186720
13312	4.5000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8425801
13313	5.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8514279
13314	5.5000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8555695
13315	6.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8578913
13316	7.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8595228
13317	8.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8598993
13318	9.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8600248
13319	10.0000000	0.8980000	10.0000000	60.0000000	90.0000000	90.0000000	343.8600876
13320	0.8000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	1022.1577311
13321	0.9000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	738.3060796
13322	1.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	575.2577829
13323	1.1000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	479.7106177
13324	1.2000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	422.9458596
13325	1.3000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	388.2338553
13326	1.4000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	365.8117495
13327	1.5000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	350.2301873
13328	1.6000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	338.6524492
13329	1.7000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	329.6924924
13330	1.8000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	322.6964521
13331	2.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	313.4947786
13332	2.2000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	309.7402012
13333	2.4000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	310.4652884
13334	2.6000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	314.9463336
13335	2.8000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	321.9506571
13336	3.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	329.8169903
13337	3.5000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	343.6340587
13338	4.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	341.2390433
13339	4.5000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	308.0413448
13340	5.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	288.9944870
13341	5.5000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	279.0234870
13342	6.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	274.1376355
13343	7.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	270.9148722
13344	8.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	270.3792929
13345	9.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	270.3293432
13346	10.0000000	1.2980000	1.0000000	60.0000000	90.0000000	90.0000000	270.3492980
13347	0.8000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	908.2973294
13348	0.9000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	636.5444997
13349	1.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	487.6011728
13350	1.1000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	403.0823610
13351	1.2000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	355.1823665
13352	1.3000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	328.3157367
13353	1.4000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	313.3799444
13354	1.5000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	305.1375447
13355	1.6000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	300.7102771
13356	1.7000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	298.5653242
13357	1.8000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	297.8863590
13358	2.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	299.3362824
13359	2.2000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	303.2696373
13360	2.4000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	308.9432642
13361	2.6000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	316.0867693

13362	2.8000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	324.3601052
13363	3.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	330.2073012
13364	3.5000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	343.6792394
13365	4.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	340.0876262
13366	4.5000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	308.1259958
13367	5.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	289.3835429
13368	5.5000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	279.3604595
13369	6.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	274.3537497
13370	7.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	270.9737954
13371	8.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	270.3914038
13372	9.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	270.3311002
13373	10.0000000	1.2980000	1.1000000	60.0000000	90.0000000	90.0000000	270.3493607
13374	0.8000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	824.8233835
13375	0.9000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	562.7869106
13376	1.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	427.1907730
13377	1.1000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	358.2653833
13378	1.2000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	311.6992857
13379	1.3000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	290.9282202
13380	1.4000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	281.2547224
13381	1.5000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	277.8671753
13382	1.6000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	278.0505335
13383	1.7000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	280.2868518
13384	1.8000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	283.7042056
13385	2.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	292.1917105
13386	2.2000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	301.2820010
13387	2.4000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	310.2442168
13388	2.6000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	319.4765754
13389	2.8000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	326.5594004
13390	3.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	331.1673280
13391	3.5000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	344.5841708
13392	4.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	338.0170959
13393	4.5000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	307.7299118
13394	5.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	289.5455658
13395	5.5000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	279.6013604
13396	6.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	274.5336567
13397	7.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	271.0296437
13398	8.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	270.4035776
13399	9.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	270.3330455
13400	10.0000000	1.2980000	1.2000000	60.0000000	90.0000000	90.0000000	270.3494235
13401	0.8000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	767.0061667
13402	0.9000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	511.8975239
13403	1.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	383.6079182
13404	1.1000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	321.9998538
13405	1.2000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	285.7614327
13406	1.3000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	270.1136682
13407	1.4000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	264.4331386
13408	1.5000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	264.3723330
13409	1.6000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	267.4844034
13410	1.7000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	272.3805461
13411	1.8000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	278.2289973
13412	2.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	290.8300777
13413	2.2000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	302.8872330
13414	2.4000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	314.0193138
13415	2.6000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	323.2095665
13416	2.8000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	328.5778474
13417	3.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	332.8996934

13418	3.5000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	346.2797642
13419	4.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	335.0825478
13420	4.5000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	306.8438685
13421	5.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	289.4605382
13422	5.5000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	279.7310666
13423	6.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	274.6684457
13424	7.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	271.0803466
13425	8.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	270.4155003
13426	9.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	270.3351163
13427	10.0000000	1.2980000	1.3000000	60.0000000	90.0000000	90.0000000	270.3495490
13428	0.8000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	727.3767471
13429	0.9000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	478.8106436
13430	1.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	356.1955434
13431	1.1000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	299.4286518
13432	1.2000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	271.8927203
13433	1.3000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	260.5470352
13434	1.4000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	258.0480415
13435	1.5000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	260.4161995
13436	1.6000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	265.4478842
13437	1.7000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	271.9090983
13438	1.8000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	279.0608865
13439	2.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	293.6552508
13440	2.2000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	307.2149776
13441	2.4000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	318.9217316
13442	2.6000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	326.3764814
13443	2.8000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	331.1605508
13444	3.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	335.4948215
13445	3.5000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	348.7042725
13446	4.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	331.3874583
13447	4.5000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	305.4871930
13448	5.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	289.1224989
13449	5.5000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	279.7400400
13450	6.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	274.7512769
13451	7.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	271.1240212
13452	8.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	270.4269209
13453	9.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	270.3372498
13454	10.0000000	1.2980000	1.4000000	60.0000000	90.0000000	90.0000000	270.3496745
13455	0.8000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	681.7440699
13456	0.9000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	451.5088987
13457	1.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	339.1695170
13458	1.1000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	287.2026337
13459	1.2000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	265.5989885
13460	1.3000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	257.6045178
13461	1.4000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	257.6690258
13462	1.5000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	261.9301289
13463	1.6000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	268.3421462
13464	1.7000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	275.7949507
13465	1.8000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	283.6560129
13466	2.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	299.2238327
13467	2.2000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	313.1829065
13468	2.4000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	323.4487104
13469	2.6000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	329.9313853
13470	2.8000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	334.6111628
13471	3.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	338.9781894
13472	3.5000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	351.7986472
13473	4.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	327.0713854

13474	4.5000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	303.7053798
13475	5.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	288.5391034
13476	5.5000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	279.6249548
13477	6.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	274.7776952
13478	7.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	271.1590362
13479	8.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	270.4374631
13480	9.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	270.3393833
13481	10.0000000	1.2980000	1.5000000	60.0000000	90.0000000	90.0000000	270.3498000
13482	0.8000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	612.6446719
13483	0.9000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	389.7097576
13484	1.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	288.7877226
13485	1.1000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	252.1973314
13486	1.2000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	245.4442000
13487	1.3000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	250.0925392
13488	1.4000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	258.3882144
13489	1.5000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	265.6628063
13490	1.6000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	273.5582559
13491	1.7000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	281.8915817
13492	1.8000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	290.2473724
13493	2.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	305.8610004
13494	2.2000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	318.6409839
13495	2.4000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	327.8692637
13496	2.6000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	334.1707765
13497	2.8000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	338.9230940
13498	3.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	343.2834691
13499	3.5000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	355.4924817
13500	4.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	322.2969168
13501	4.5000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	301.5647568
13502	5.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	287.7307456
13503	5.5000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	279.3885092
13504	6.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	274.7456293
13505	7.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	271.1840111
13506	8.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	270.4468130
13507	9.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	270.3415169
13508	10.0000000	1.2980000	1.6000000	60.0000000	90.0000000	90.0000000	270.3499882
13509	0.8000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	556.9775534
13510	0.9000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	336.6791829
13511	1.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	240.1770109
13512	1.1000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	211.0969670
13513	1.2000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	213.0745630
13514	1.3000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	227.7604810
13515	1.4000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	245.3712206
13516	1.5000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	261.3355637
13517	1.6000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	275.4126092
13518	1.7000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	286.2422304
13519	1.8000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	295.4626037
13520	2.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	311.1440654
13521	2.2000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	323.4759443
13522	2.4000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	332.5836168
13523	2.6000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	339.0431366
13524	2.8000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	343.9319374
13525	3.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	348.2577368
13526	3.5000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	340.5418802
13527	4.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	317.2368686
13528	4.5000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	299.1467118
13529	5.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	286.7283621

13530	5.5000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	279.0391120
13531	6.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	274.6558956
13532	7.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	271.1980046
13533	8.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	270.4547823
13534	9.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	270.3435877
13535	10.0000000	1.2980000	1.7000000	60.0000000	90.0000000	90.0000000	270.3501765
13536	0.8000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	509.9850632
13537	0.9000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	290.3337177
13538	1.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	199.2829088
13539	1.1000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	174.6393567
13540	1.2000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	182.1907430
13541	1.3000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	203.2549182
13542	1.4000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	227.8691656
13543	1.5000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	250.9902542
13544	1.6000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	270.2702946
13545	1.7000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	286.3674186
13546	1.8000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	298.8466367
13547	2.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	316.1621332
13548	2.2000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	328.7094361
13549	2.4000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	337.9296211
13550	2.6000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	344.5327777
13551	2.8000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	349.4850825
13552	3.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	353.7128021
13553	3.5000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	331.3781084
13554	4.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	312.0626138
13555	4.5000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	296.5410414
13556	5.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	285.5704815
13557	5.5000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	278.5901289
13558	6.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	274.5116939
13559	7.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	271.2004519
13560	8.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	270.4611202
13561	9.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	270.3455329
13562	10.0000000	1.2980000	1.8000000	60.0000000	90.0000000	90.0000000	270.3503648
13563	0.8000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	476.7594406
13564	0.9000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	255.8723407
13565	1.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	166.2149166
13566	1.1000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	143.9317414
13567	1.2000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	154.6984235
13568	1.3000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	179.6380345
13569	1.4000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	208.6098959
13570	1.5000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	236.5314947
13571	1.6000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	261.1594845
13572	1.7000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	281.6740243
13573	1.8000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	297.8760678
13574	2.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	321.2234990
13575	2.2000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	334.5910196
13576	2.4000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	343.9388400
13577	2.6000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	350.5652146
13578	2.8000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	344.1718343
13579	3.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	338.6128534
13580	3.5000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	322.6694691
13581	4.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	306.9337278
13582	4.5000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	293.8388602
13583	5.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	284.3004024
13584	5.5000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	278.0586911
13585	6.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	274.3186092

13586	7.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	271.1912902
13587	8.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	270.4655755
13588	9.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	270.3473527
13589	10.0000000	1.2980000	1.9000000	60.0000000	90.0000000	90.0000000	270.3505530
13590	0.8000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	450.4592008
13591	0.9000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	229.3877386
13592	1.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	140.2288079
13593	1.1000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	119.0766558
13594	1.2000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	131.5519207
13595	1.3000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	158.6529881
13596	1.4000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	190.0611551
13597	1.5000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	220.5386627
13598	1.6000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	247.8097225
13599	1.7000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	271.2679719
13600	1.8000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	291.2105367
13601	2.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	319.9875564
13602	2.2000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	331.6752341
13603	2.4000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	334.4754325
13604	2.6000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	333.4805161
13605	2.8000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	330.6143666
13606	3.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	326.6816393
13607	3.5000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	314.5819388
13608	4.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	301.9894552
13609	4.5000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	291.1263249
13610	5.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	282.9626149
13611	5.5000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	277.4645024
13612	6.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	274.0839206
13613	7.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	271.1710844
13614	8.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	270.4681483
13615	9.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	270.3489215
13616	10.0000000	1.2980000	2.0000000	60.0000000	90.0000000	90.0000000	270.3508040
13617	0.8000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	416.2411719
13618	0.9000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	194.3065077
13619	1.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	105.0396454
13620	1.1000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	84.4590917
13621	1.2000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	98.1347822
13622	1.3000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	126.9457502
13623	1.4000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	160.3609434
13624	1.5000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	192.8516897
13625	1.6000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	221.8205391
13626	1.7000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	246.3308082
13627	1.8000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	266.2752555
13628	2.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	292.7431658
13629	2.2000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	304.6665988
13630	2.4000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	308.9123907
13631	2.6000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	309.7346792
13632	2.8000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	308.9237487
13633	3.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	307.1934540
13634	3.5000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	300.7016802
13635	4.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	293.0743654
13636	4.5000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	285.9622985
13637	5.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	280.2521505
13638	5.5000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	276.1705779
13639	6.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	273.5251862
13640	7.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	271.1009289
13641	8.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	270.4673953

13642	9.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	270.3513688
13643	10.0000000	1.2980000	2.2000000	60.0000000	90.0000000	90.0000000	270.3513060
13644	0.8000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	397.6692133
13645	0.9000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	174.9204810
13646	1.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	85.1872537
13647	1.1000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	64.4385902
13648	1.2000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	78.2224006
13649	1.3000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	107.3763025
13650	1.4000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	141.2955740
13651	1.5000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	174.3413525
13652	1.6000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	203.7815242
13653	1.7000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	228.5549707
13654	1.8000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	248.5098348
13655	2.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	274.8148437
13656	2.2000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	287.0210324
13657	2.4000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	291.8502827
13658	2.6000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	293.4994403
13659	2.8000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	293.7314933
13660	3.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	293.2135470
13661	3.5000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	290.1347973
13662	4.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	285.8546178
13663	4.5000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	281.4891599
13664	5.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	277.7261739
13665	5.5000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	274.8660484
13666	6.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	272.9103524
13667	7.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	271.0008411
13668	8.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	270.4593632
13669	9.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	270.3527493
13670	10.0000000	1.2980000	2.4000000	60.0000000	90.0000000	90.0000000	270.3518708
13671	0.8000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	386.3867184
13672	0.9000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	164.4837434
13673	1.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	74.3541812
13674	1.1000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	53.3446620
13675	1.2000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	66.9928048
13676	1.3000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	96.1211670
13677	1.4000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	130.1005541
13678	1.5000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	163.2562094
13679	1.6000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	192.8095210
13680	1.7000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	217.6519309
13681	1.8000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	237.6094305
13682	2.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	263.8673134
13683	2.2000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	276.1229499
13684	2.4000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	281.1125915
13685	2.6000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	283.0687895
13686	2.8000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	283.7608069
13687	3.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	283.8378651
13688	3.5000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	282.6439029
13689	4.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	280.4276021
13690	4.5000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	277.9106616
13691	5.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	275.5698004
13692	5.5000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	273.6758512
13693	6.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	272.3088218
13694	7.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	270.8845008
13695	8.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	270.4455580
13696	9.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	270.3531885
13697	10.0000000	1.2980000	2.6000000	60.0000000	90.0000000	90.0000000	270.3525610

13698	0.8000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	381.2189897
13699	0.9000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	158.9850034
13700	1.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	68.5918871
13701	1.1000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	47.3801844
13702	1.2000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	60.8830588
13703	1.3000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	89.9179221
13704	1.4000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	123.8471712
13705	1.5000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	156.9843777
13706	1.6000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	186.5346146
13707	1.7000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	211.3691806
13708	1.8000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	231.3014542
13709	2.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	257.4950802
13710	2.2000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	269.7019592
13711	2.4000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	274.6803057
13712	2.6000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	276.7046512
13713	2.8000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	277.5589426
13714	3.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	277.8891381
13715	3.5000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	277.6386990
13716	4.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	276.5974726
13717	4.5000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	275.2368438
13718	5.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	273.8622843
13719	5.5000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	272.6765424
13720	6.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	271.7726778
13721	7.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	270.7657760
13722	8.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	270.4281132
13723	9.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	270.3527493
13724	10.0000000	1.2980000	2.8000000	60.0000000	90.0000000	90.0000000	270.3533140
13725	0.8000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	380.0089631
13726	0.9000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	156.1615873
13727	1.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	65.6115937
13728	1.1000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	44.2696827
13729	1.2000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	57.6676375
13730	1.3000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	86.6209246
13731	1.4000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	120.4894934
13732	1.5000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	153.5831508
13733	1.6000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	183.1010710
13734	1.7000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	207.9058929
13735	1.8000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	227.8037792
13736	2.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	253.9284418
13737	2.2000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	266.0644751
13738	2.4000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	270.9813883
13739	2.6000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	272.9837083
13740	2.8000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	273.8692497
13741	3.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	274.2858532
13742	3.5000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	274.4606773
13743	4.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	274.0414382
13744	4.5000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	273.3580177
13745	5.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	272.5979782
13746	5.5000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	271.8966109
13747	6.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	271.3309739
13748	7.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	270.6557736
13749	8.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	270.4094762
13750	9.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	270.3519335
13751	10.0000000	1.2980000	3.0000000	60.0000000	90.0000000	90.0000000	270.3541926
13752	0.8000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	381.2679981
13753	0.9000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	164.5811956

13754	1.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	63.2082951
13755	1.1000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	41.7397527
13756	1.2000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	55.0271404
13757	1.3000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	83.8847951
13758	1.4000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	117.6715994
13759	1.5000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	150.6958542
13760	1.6000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	180.1531570
13761	1.7000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	204.8991186
13762	1.8000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	224.7351951
13763	2.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	250.7422625
13764	2.2000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	262.7529821
13765	2.4000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	267.5401891
13766	2.6000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	269.4412918
13767	2.8000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.2717379
13768	3.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.6853294
13769	3.5000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	271.0762050
13770	4.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	271.1300453
13771	4.5000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	271.0622116
13772	5.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.9366469
13773	5.5000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.7916921
13774	6.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.6545186
13775	7.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.4572296
13776	8.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.3700058
13777	9.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.3504275
13778	10.0000000	1.2980000	3.5000000	60.0000000	90.0000000	90.0000000	270.3573301
13779	0.8000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	381.1216629
13780	0.9000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	164.3760001
13781	1.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	62.8824922
13782	1.1000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	41.3938696
13783	1.2000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	54.6633104
13784	1.3000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	83.5043361
13785	1.4000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	117.2750134
13786	1.5000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	150.2830157
13787	1.6000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	179.7233130
13788	1.7000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	204.4497590
13789	1.8000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	224.2632452
13790	2.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	250.2265752
13791	2.2000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	262.1929299
13792	2.4000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	266.9325089
13793	2.6000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	268.7890584
13794	2.8000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	269.5821049
13795	3.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	269.9675840
13796	3.5000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.3333593
13797	4.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.4257287
13798	4.5000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.4485073
13799	5.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.4446167
13800	5.5000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.4284897
13801	6.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.4075309
13802	7.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.3695665
13803	8.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.3519963
13804	9.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.3528120
13805	10.0000000	1.2980000	4.0000000	60.0000000	90.0000000	90.0000000	270.3617854
13806	0.8000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	376.3036451
13807	0.9000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	153.6788461
13808	1.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	62.9589857
13809	1.1000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	41.4733122

13810	1.2000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	54.7484635
13811	1.3000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	83.5960151
13812	1.4000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	117.3722774
13813	1.5000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	150.3834800
13814	1.6000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	179.8232125
13815	1.7000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	204.5438855
13816	1.8000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	224.3461392
13817	2.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	250.2838041
13818	2.2000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	262.2261251
13819	2.4000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	266.9439923
13820	2.6000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	268.7818421
13821	2.8000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	269.5591381
13822	3.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	269.9313139
13823	3.5000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.2734949
13824	4.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3546946
13825	4.5000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3789792
13826	5.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3877643
13827	5.5000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3919686
13828	6.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3942904
13829	7.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3959219
13830	8.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3962984
13831	9.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3964239
13832	10.0000000	1.2980000	10.0000000	60.0000000	90.0000000	90.0000000	270.3964867
13833	1.0980000	0.8000000	1.0000000	60.0000000	90.0000000	90.0000000	1314.8948540
13834	1.0980000	0.9000000	1.0000000	60.0000000	90.0000000	90.0000000	973.3583901
13835	1.0980000	1.0000000	1.0000000	60.0000000	90.0000000	90.0000000	764.1893393
13836	1.0980000	1.1000000	1.0000000	60.0000000	90.0000000	90.0000000	630.4436016
13837	1.0980000	1.2000000	1.0000000	60.0000000	90.0000000	90.0000000	541.4429917
13838	1.0980000	1.3000000	1.0000000	60.0000000	90.0000000	90.0000000	480.1443522
13839	1.0980000	1.4000000	1.0000000	60.0000000	90.0000000	90.0000000	436.8037160
13840	1.0980000	1.5000000	1.0000000	60.0000000	90.0000000	90.0000000	405.7471427
13841	1.0980000	1.6000000	1.0000000	60.0000000	90.0000000	90.0000000	383.5761662
13842	1.0980000	1.7000000	1.0000000	60.0000000	90.0000000	90.0000000	368.1069910
13843	1.0980000	1.8000000	1.0000000	60.0000000	90.0000000	90.0000000	357.7739807
13844	1.0980000	2.0000000	1.0000000	60.0000000	90.0000000	90.0000000	347.7829003
13845	1.0980000	2.2000000	1.0000000	60.0000000	90.0000000	90.0000000	346.1565213
13846	1.0980000	2.4000000	1.0000000	60.0000000	90.0000000	90.0000000	348.4737255
13847	1.0980000	2.6000000	1.0000000	60.0000000	90.0000000	90.0000000	352.4402129
13848	1.0980000	2.8000000	1.0000000	60.0000000	90.0000000	90.0000000	362.8147643
13849	1.0980000	3.0000000	1.0000000	60.0000000	90.0000000	90.0000000	348.8603341
13850	1.0980000	3.5000000	1.0000000	60.0000000	90.0000000	90.0000000	296.7094650
13851	1.0980000	4.0000000	1.0000000	60.0000000	90.0000000	90.0000000	262.5192348
13852	1.0980000	4.5000000	1.0000000	60.0000000	90.0000000	90.0000000	244.4194770
13853	1.0980000	5.0000000	1.0000000	60.0000000	90.0000000	90.0000000	235.6023414
13854	1.0980000	5.5000000	1.0000000	60.0000000	90.0000000	90.0000000	231.5657612
13855	1.0980000	6.0000000	1.0000000	60.0000000	90.0000000	90.0000000	229.8303210
13856	1.0980000	7.0000000	1.0000000	60.0000000	90.0000000	90.0000000	228.8618857
13857	1.0980000	8.0000000	1.0000000	60.0000000	90.0000000	90.0000000	228.7530755
13858	1.0980000	9.0000000	1.0000000	60.0000000	90.0000000	90.0000000	228.7712105
13859	1.0980000	10.0000000	1.0000000	60.0000000	90.0000000	90.0000000	228.7945538
13860	1.0980000	0.8000000	1.1000000	60.0000000	90.0000000	90.0000000	1114.8812293
13861	1.0980000	0.9000000	1.1000000	60.0000000	90.0000000	90.0000000	803.0863926
13862	1.0980000	1.0000000	1.1000000	60.0000000	90.0000000	90.0000000	621.9348242
13863	1.0980000	1.1000000	1.1000000	60.0000000	90.0000000	90.0000000	513.2897163
13864	1.0980000	1.2000000	1.1000000	60.0000000	90.0000000	90.0000000	446.1748798
13865	1.0980000	1.3000000	1.1000000	60.0000000	90.0000000	90.0000000	403.6680155

13866	1.0980000	1.4000000	1.1000000	60.0000000	90.0000000	90.0000000	376.2439063
13867	1.0980000	1.5000000	1.1000000	60.0000000	90.0000000	90.0000000	358.4649314
13868	1.0980000	1.6000000	1.1000000	60.0000000	90.0000000	90.0000000	347.1956770
13869	1.0980000	1.7000000	1.1000000	60.0000000	90.0000000	90.0000000	340.5485318
13870	1.0980000	1.8000000	1.1000000	60.0000000	90.0000000	90.0000000	337.2741247
13871	1.0980000	2.0000000	1.1000000	60.0000000	90.0000000	90.0000000	337.3545086
13872	1.0980000	2.2000000	1.1000000	60.0000000	90.0000000	90.0000000	342.1724009
13873	1.0980000	2.4000000	1.1000000	60.0000000	90.0000000	90.0000000	348.6295361
13874	1.0980000	2.6000000	1.1000000	60.0000000	90.0000000	90.0000000	354.6498620
13875	1.0980000	2.8000000	1.1000000	60.0000000	90.0000000	90.0000000	355.5868591
13876	1.0980000	3.0000000	1.1000000	60.0000000	90.0000000	90.0000000	335.2103715
13877	1.0980000	3.5000000	1.1000000	60.0000000	90.0000000	90.0000000	287.7731653
13878	1.0980000	4.0000000	1.1000000	60.0000000	90.0000000	90.0000000	258.1483803
13879	1.0980000	4.5000000	1.1000000	60.0000000	90.0000000	90.0000000	242.4546193
13880	1.0980000	5.0000000	1.1000000	60.0000000	90.0000000	90.0000000	234.7643025
13881	1.0980000	5.5000000	1.1000000	60.0000000	90.0000000	90.0000000	231.2272199
13882	1.0980000	6.0000000	1.1000000	60.0000000	90.0000000	90.0000000	229.7009913
13883	1.0980000	7.0000000	1.1000000	60.0000000	90.0000000	90.0000000	228.8466372
13884	1.0980000	8.0000000	1.1000000	60.0000000	90.0000000	90.0000000	228.7533265
13885	1.0980000	9.0000000	1.1000000	60.0000000	90.0000000	90.0000000	228.7725283
13886	1.0980000	10.0000000	1.1000000	60.0000000	90.0000000	90.0000000	228.7954951
13887	1.0980000	0.8000000	1.2000000	60.0000000	90.0000000	90.0000000	973.2689701
13888	1.0980000	0.9000000	1.2000000	60.0000000	90.0000000	90.0000000	685.5465890
13889	1.0980000	1.0000000	1.2000000	60.0000000	90.0000000	90.0000000	523.5811227
13890	1.0980000	1.1000000	1.2000000	60.0000000	90.0000000	90.0000000	432.8687925
13891	1.0980000	1.2000000	1.2000000	60.0000000	90.0000000	90.0000000	381.5727794
13892	1.0980000	1.3000000	1.2000000	60.0000000	90.0000000	90.0000000	352.5701073
13893	1.0980000	1.4000000	1.2000000	60.0000000	90.0000000	90.0000000	336.4817057
13894	1.0980000	1.5000000	1.2000000	60.0000000	90.0000000	90.0000000	328.1010029
13895	1.0980000	1.6000000	1.2000000	60.0000000	90.0000000	90.0000000	324.5243871
13896	1.0980000	1.7000000	1.2000000	60.0000000	90.0000000	90.0000000	324.0909664
13897	1.0980000	1.8000000	1.2000000	60.0000000	90.0000000	90.0000000	325.7733821
13898	1.0980000	2.0000000	1.2000000	60.0000000	90.0000000	90.0000000	332.8303536
13899	1.0980000	2.2000000	1.2000000	60.0000000	90.0000000	90.0000000	341.8735808
13900	1.0980000	2.4000000	1.2000000	60.0000000	90.0000000	90.0000000	350.6881437
13901	1.0980000	2.6000000	1.2000000	60.0000000	90.0000000	90.0000000	358.9640523
13902	1.0980000	2.8000000	1.2000000	60.0000000	90.0000000	90.0000000	340.6312376
13903	1.0980000	3.0000000	1.2000000	60.0000000	90.0000000	90.0000000	320.7643504
13904	1.0980000	3.5000000	1.2000000	60.0000000	90.0000000	90.0000000	279.2878567
13905	1.0980000	4.0000000	1.2000000	60.0000000	90.0000000	90.0000000	254.0215015
13906	1.0980000	4.5000000	1.2000000	60.0000000	90.0000000	90.0000000	240.5902887
13907	1.0980000	5.0000000	1.2000000	60.0000000	90.0000000	90.0000000	233.9653574
13908	1.0980000	5.5000000	1.2000000	60.0000000	90.0000000	90.0000000	230.9032367
13909	1.0980000	6.0000000	1.2000000	60.0000000	90.0000000	90.0000000	229.5768072
13910	1.0980000	7.0000000	1.2000000	60.0000000	90.0000000	90.0000000	228.8320790
13911	1.0980000	8.0000000	1.2000000	60.0000000	90.0000000	90.0000000	228.7538285
13912	1.0980000	9.0000000	1.2000000	60.0000000	90.0000000	90.0000000	228.7740343
13913	1.0980000	10.0000000	1.2000000	60.0000000	90.0000000	90.0000000	228.7964364
13914	1.0980000	0.8000000	1.3000000	60.0000000	90.0000000	90.0000000	881.1958854
13915	1.0980000	0.9000000	1.3000000	60.0000000	90.0000000	90.0000000	599.9369776
13916	1.0980000	1.0000000	1.3000000	60.0000000	90.0000000	90.0000000	458.6417360
13917	1.0980000	1.1000000	1.3000000	60.0000000	90.0000000	90.0000000	379.5270359
13918	1.0980000	1.2000000	1.3000000	60.0000000	90.0000000	90.0000000	339.2433749
13919	1.0980000	1.3000000	1.3000000	60.0000000	90.0000000	90.0000000	319.7827374
13920	1.0980000	1.4000000	1.3000000	60.0000000	90.0000000	90.0000000	311.7016703
13921	1.0980000	1.5000000	1.3000000	60.0000000	90.0000000	90.0000000	309.9076835

13922	1.0980000	1.6000000	1.3000000	60.0000000	90.0000000	90.0000000	311.6793937
13923	1.0980000	1.7000000	1.3000000	60.0000000	90.0000000	90.0000000	315.5365689
13924	1.0980000	1.8000000	1.3000000	60.0000000	90.0000000	90.0000000	320.6149404
13925	1.0980000	2.0000000	1.3000000	60.0000000	90.0000000	90.0000000	332.3410844
13926	1.0980000	2.2000000	1.3000000	60.0000000	90.0000000	90.0000000	343.9606146
13927	1.0980000	2.4000000	1.3000000	60.0000000	90.0000000	90.0000000	358.4390780
13928	1.0980000	2.6000000	1.3000000	60.0000000	90.0000000	90.0000000	342.6732161
13929	1.0980000	2.8000000	1.3000000	60.0000000	90.0000000	90.0000000	324.4728059
13930	1.0980000	3.0000000	1.3000000	60.0000000	90.0000000	90.0000000	306.7320463
13931	1.0980000	3.5000000	1.3000000	60.0000000	90.0000000	90.0000000	271.4438000
13932	1.0980000	4.0000000	1.3000000	60.0000000	90.0000000	90.0000000	250.2078754
13933	1.0980000	4.5000000	1.3000000	60.0000000	90.0000000	90.0000000	238.8567310
13934	1.0980000	5.0000000	1.3000000	60.0000000	90.0000000	90.0000000	233.2184329
13935	1.0980000	5.5000000	1.3000000	60.0000000	90.0000000	90.0000000	230.5990829
13936	1.0980000	6.0000000	1.3000000	60.0000000	90.0000000	90.0000000	229.4597766
13937	1.0980000	7.0000000	1.3000000	60.0000000	90.0000000	90.0000000	228.8185247
13938	1.0980000	8.0000000	1.3000000	60.0000000	90.0000000	90.0000000	228.7545188
13939	1.0980000	9.0000000	1.3000000	60.0000000	90.0000000	90.0000000	228.7756031
13940	1.0980000	10.0000000	1.3000000	60.0000000	90.0000000	90.0000000	228.7975031
13941	1.0980000	0.8000000	1.4000000	60.0000000	90.0000000	90.0000000	768.3838010
13942	1.0980000	0.9000000	1.4000000	60.0000000	90.0000000	90.0000000	523.3253499
13943	1.0980000	1.0000000	1.4000000	60.0000000	90.0000000	90.0000000	406.7785801
13944	1.0980000	1.1000000	1.4000000	60.0000000	90.0000000	90.0000000	346.7301904
13945	1.0980000	1.2000000	1.4000000	60.0000000	90.0000000	90.0000000	313.0573418
13946	1.0980000	1.3000000	1.4000000	60.0000000	90.0000000	90.0000000	300.0253505
13947	1.0980000	1.4000000	1.4000000	60.0000000	90.0000000	90.0000000	297.6649109
13948	1.0980000	1.5000000	1.4000000	60.0000000	90.0000000	90.0000000	300.6620844
13949	1.0980000	1.6000000	1.4000000	60.0000000	90.0000000	90.0000000	306.2561431
13950	1.0980000	1.7000000	1.4000000	60.0000000	90.0000000	90.0000000	313.0420306
13951	1.0980000	1.8000000	1.4000000	60.0000000	90.0000000	90.0000000	320.2708142
13952	1.0980000	2.0000000	1.4000000	60.0000000	90.0000000	90.0000000	334.3234496
13953	1.0980000	2.2000000	1.4000000	60.0000000	90.0000000	90.0000000	352.0010190
13954	1.0980000	2.4000000	1.4000000	60.0000000	90.0000000	90.0000000	340.6110946
13955	1.0980000	2.6000000	1.4000000	60.0000000	90.0000000	90.0000000	325.0758425
13956	1.0980000	2.8000000	1.4000000	60.0000000	90.0000000	90.0000000	308.8763089
13957	1.0980000	3.0000000	1.4000000	60.0000000	90.0000000	90.0000000	293.7391489
13958	1.0980000	3.5000000	1.4000000	60.0000000	90.0000000	90.0000000	264.3577748
13959	1.0980000	4.0000000	1.4000000	60.0000000	90.0000000	90.0000000	246.7519297
13960	1.0980000	4.5000000	1.4000000	60.0000000	90.0000000	90.0000000	237.2744659
13961	1.0980000	5.0000000	1.4000000	60.0000000	90.0000000	90.0000000	232.5329415
13962	1.0980000	5.5000000	1.4000000	60.0000000	90.0000000	90.0000000	230.3188372
13963	1.0980000	6.0000000	1.4000000	60.0000000	90.0000000	90.0000000	229.3515940
13964	1.0980000	7.0000000	1.4000000	60.0000000	90.0000000	90.0000000	228.8061628
13965	1.0980000	8.0000000	1.4000000	60.0000000	90.0000000	90.0000000	228.7555228
13966	1.0980000	9.0000000	1.4000000	60.0000000	90.0000000	90.0000000	228.7772346
13967	1.0980000	10.0000000	1.4000000	60.0000000	90.0000000	90.0000000	228.7985699
13968	1.0980000	0.8000000	1.5000000	60.0000000	90.0000000	90.0000000	682.0396269
13969	1.0980000	0.9000000	1.5000000	60.0000000	90.0000000	90.0000000	445.1257467
13970	1.0980000	1.0000000	1.5000000	60.0000000	90.0000000	90.0000000	336.8984348
13971	1.0980000	1.1000000	1.5000000	60.0000000	90.0000000	90.0000000	296.0401634
13972	1.0980000	1.2000000	1.5000000	60.0000000	90.0000000	90.0000000	288.7961940
13973	1.0980000	1.3000000	1.5000000	60.0000000	90.0000000	90.0000000	287.7793149
13974	1.0980000	1.4000000	1.5000000	60.0000000	90.0000000	90.0000000	288.3490935
13975	1.0980000	1.5000000	1.5000000	60.0000000	90.0000000	90.0000000	293.8881196
13976	1.0980000	1.6000000	1.5000000	60.0000000	90.0000000	90.0000000	301.6331553
13977	1.0980000	1.7000000	1.5000000	60.0000000	90.0000000	90.0000000	310.1207858

13978	1.0980000	1.8000000	1.5000000	60.0000000	90.0000000	90.0000000	318.4866793
13979	1.0980000	2.0000000	1.5000000	60.0000000	90.0000000	90.0000000	337.4378419
13980	1.0980000	2.2000000	1.5000000	60.0000000	90.0000000	90.0000000	332.9916235
13981	1.0980000	2.4000000	1.5000000	60.0000000	90.0000000	90.0000000	321.9002054
13982	1.0980000	2.6000000	1.5000000	60.0000000	90.0000000	90.0000000	308.2801122
13983	1.0980000	2.8000000	1.5000000	60.0000000	90.0000000	90.0000000	294.6157796
13984	1.0980000	3.0000000	1.5000000	60.0000000	90.0000000	90.0000000	282.1000404
13985	1.0980000	3.5000000	1.5000000	60.0000000	90.0000000	90.0000000	258.0851900
13986	1.0980000	4.0000000	1.5000000	60.0000000	90.0000000	90.0000000	243.6756273
13987	1.0980000	4.5000000	1.5000000	60.0000000	90.0000000	90.0000000	235.8552278
13988	1.0980000	5.0000000	1.5000000	60.0000000	90.0000000	90.0000000	231.9145937
13989	1.0980000	5.5000000	1.5000000	60.0000000	90.0000000	90.0000000	230.0648841
13990	1.0980000	6.0000000	1.5000000	60.0000000	90.0000000	90.0000000	229.2532006
13991	1.0980000	7.0000000	1.5000000	60.0000000	90.0000000	90.0000000	228.7951813
13992	1.0980000	8.0000000	1.5000000	60.0000000	90.0000000	90.0000000	228.7567150
13993	1.0980000	9.0000000	1.5000000	60.0000000	90.0000000	90.0000000	228.7789289
13994	1.0980000	10.0000000	1.5000000	60.0000000	90.0000000	90.0000000	228.7997622
13995	1.0980000	0.8000000	1.6000000	60.0000000	90.0000000	90.0000000	606.0850016
13996	1.0980000	0.9000000	1.6000000	60.0000000	90.0000000	90.0000000	375.7687561
13997	1.0980000	1.0000000	1.6000000	60.0000000	90.0000000	90.0000000	274.2441238
13998	1.0980000	1.1000000	1.6000000	60.0000000	90.0000000	90.0000000	239.8918707
13999	1.0980000	1.2000000	1.6000000	60.0000000	90.0000000	90.0000000	239.0326220
14000	1.0980000	1.3000000	1.6000000	60.0000000	90.0000000	90.0000000	252.9000793
14001	1.0980000	1.4000000	1.6000000	60.0000000	90.0000000	90.0000000	270.7184618
14002	1.0980000	1.5000000	1.6000000	60.0000000	90.0000000	90.0000000	286.9821269
14003	1.0980000	1.6000000	1.6000000	60.0000000	90.0000000	90.0000000	299.3195279
14004	1.0980000	1.7000000	1.6000000	60.0000000	90.0000000	90.0000000	307.7945453
14005	1.0980000	1.8000000	1.6000000	60.0000000	90.0000000	90.0000000	313.5765432
14006	1.0980000	2.0000000	1.6000000	60.0000000	90.0000000	90.0000000	317.7748952
14007	1.0980000	2.2000000	1.6000000	60.0000000	90.0000000	90.0000000	313.6736188
14008	1.0980000	2.4000000	1.6000000	60.0000000	90.0000000	90.0000000	304.3495183
14009	1.0980000	2.6000000	1.6000000	60.0000000	90.0000000	90.0000000	293.1350455
14010	1.0980000	2.8000000	1.6000000	60.0000000	90.0000000	90.0000000	282.0320183
14011	1.0980000	3.0000000	1.6000000	60.0000000	90.0000000	90.0000000	271.9395952
14012	1.0980000	3.5000000	1.6000000	60.0000000	90.0000000	90.0000000	252.6325720
14013	1.0980000	4.0000000	1.6000000	60.0000000	90.0000000	90.0000000	240.9820428
14014	1.0980000	4.5000000	1.6000000	60.0000000	90.0000000	90.0000000	234.6029070
14015	1.0980000	5.0000000	1.6000000	60.0000000	90.0000000	90.0000000	231.3659622
14016	1.0980000	5.5000000	1.6000000	60.0000000	90.0000000	90.0000000	229.8384786
14017	1.0980000	6.0000000	1.6000000	60.0000000	90.0000000	90.0000000	229.1651610
14018	1.0980000	7.0000000	1.6000000	60.0000000	90.0000000	90.0000000	228.7856432
14019	1.0980000	8.0000000	1.6000000	60.0000000	90.0000000	90.0000000	228.7582211
14020	1.0980000	9.0000000	1.6000000	60.0000000	90.0000000	90.0000000	228.7807486
14021	1.0980000	10.0000000	1.6000000	60.0000000	90.0000000	90.0000000	228.8008917
14022	1.0980000	0.8000000	1.7000000	60.0000000	90.0000000	90.0000000	541.4731749
14023	1.0980000	0.9000000	1.7000000	60.0000000	90.0000000	90.0000000	315.5479897
14024	1.0980000	1.0000000	1.7000000	60.0000000	90.0000000	90.0000000	218.8220478
14025	1.0980000	1.1000000	1.7000000	60.0000000	90.0000000	90.0000000	189.3701416
14026	1.0980000	1.2000000	1.7000000	60.0000000	90.0000000	90.0000000	193.2787099
14027	1.0980000	1.3000000	1.7000000	60.0000000	90.0000000	90.0000000	211.7269236
14028	1.0980000	1.4000000	1.7000000	60.0000000	90.0000000	90.0000000	234.2071996
14029	1.0980000	1.5000000	1.7000000	60.0000000	90.0000000	90.0000000	255.0976802
14030	1.0980000	1.6000000	1.7000000	60.0000000	90.0000000	90.0000000	272.0874365
14031	1.0980000	1.7000000	1.7000000	60.0000000	90.0000000	90.0000000	284.3034772
14032	1.0980000	1.8000000	1.7000000	60.0000000	90.0000000	90.0000000	292.0318839
14033	1.0980000	2.0000000	1.7000000	60.0000000	90.0000000	90.0000000	298.1939641

14034	1.0980000	2.2000000	1.7000000	60.0000000	90.0000000	90.0000000	295.8900631
14035	1.0980000	2.4000000	1.7000000	60.0000000	90.0000000	90.0000000	288.7778079
14036	1.0980000	2.6000000	1.7000000	60.0000000	90.0000000	90.0000000	279.9779289
14037	1.0980000	2.8000000	1.7000000	60.0000000	90.0000000	90.0000000	271.2242972
14038	1.0980000	3.0000000	1.7000000	60.0000000	90.0000000	90.0000000	263.2590057
14039	1.0980000	3.5000000	1.7000000	60.0000000	90.0000000	90.0000000	247.9698629
14040	1.0980000	4.0000000	1.7000000	60.0000000	90.0000000	90.0000000	238.6596303
14041	1.0980000	4.5000000	1.7000000	60.0000000	90.0000000	90.0000000	233.5149939
14042	1.0980000	5.0000000	1.7000000	60.0000000	90.0000000	90.0000000	230.8866704
14043	1.0980000	5.5000000	1.7000000	60.0000000	90.0000000	90.0000000	229.6398092
14044	1.0980000	6.0000000	1.7000000	60.0000000	90.0000000	90.0000000	229.0876635
14045	1.0980000	7.0000000	1.7000000	60.0000000	90.0000000	90.0000000	228.7776111
14046	1.0980000	8.0000000	1.7000000	60.0000000	90.0000000	90.0000000	228.7599153
14047	1.0980000	9.0000000	1.7000000	60.0000000	90.0000000	90.0000000	228.7825684
14048	1.0980000	10.0000000	1.7000000	60.0000000	90.0000000	90.0000000	228.8021467
14049	1.0980000	0.8000000	1.8000000	60.0000000	90.0000000	90.0000000	489.2362115
14050	1.0980000	0.9000000	1.8000000	60.0000000	90.0000000	90.0000000	265.8621660
14051	1.0980000	1.0000000	1.8000000	60.0000000	90.0000000	90.0000000	172.1834730
14052	1.0980000	1.1000000	1.8000000	60.0000000	90.0000000	90.0000000	146.0561747
14053	1.0980000	1.2000000	1.8000000	60.0000000	90.0000000	90.0000000	153.3853599
14054	1.0980000	1.3000000	1.8000000	60.0000000	90.0000000	90.0000000	175.2359300
14055	1.0980000	1.4000000	1.8000000	60.0000000	90.0000000	90.0000000	201.0955327
14056	1.0980000	1.5000000	1.8000000	60.0000000	90.0000000	90.0000000	225.3564294
14057	1.0980000	1.6000000	1.8000000	60.0000000	90.0000000	90.0000000	245.5101513
14058	1.0980000	1.7000000	1.8000000	60.0000000	90.0000000	90.0000000	260.7852379
14059	1.0980000	1.8000000	1.8000000	60.0000000	90.0000000	90.0000000	271.1114083
14060	1.0980000	2.0000000	1.8000000	60.0000000	90.0000000	90.0000000	280.4370775
14061	1.0980000	2.2000000	1.8000000	60.0000000	90.0000000	90.0000000	280.3685535
14062	1.0980000	2.4000000	1.8000000	60.0000000	90.0000000	90.0000000	275.4723481
14063	1.0980000	2.6000000	1.8000000	60.0000000	90.0000000	90.0000000	268.8632301
14064	1.0980000	2.8000000	1.8000000	60.0000000	90.0000000	90.0000000	262.1447371
14065	1.0980000	3.0000000	1.8000000	60.0000000	90.0000000	90.0000000	255.9794566
14066	1.0980000	3.5000000	1.8000000	60.0000000	90.0000000	90.0000000	244.0418418
14067	1.0980000	4.0000000	1.8000000	60.0000000	90.0000000	90.0000000	236.6861130
14068	1.0980000	4.5000000	1.8000000	60.0000000	90.0000000	90.0000000	232.5838953
14069	1.0980000	5.0000000	1.8000000	60.0000000	90.0000000	90.0000000	230.4742712
14070	1.0980000	5.5000000	1.8000000	60.0000000	90.0000000	90.0000000	229.4679970
14071	1.0980000	6.0000000	1.8000000	60.0000000	90.0000000	90.0000000	229.0205200
14072	1.0980000	7.0000000	1.8000000	60.0000000	90.0000000	90.0000000	228.7710850
14073	1.0980000	8.0000000	1.8000000	60.0000000	90.0000000	90.0000000	228.7618606
14074	1.0980000	9.0000000	1.8000000	60.0000000	90.0000000	90.0000000	228.7844509
14075	1.0980000	10.0000000	1.8000000	60.0000000	90.0000000	90.0000000	228.8034017
14076	1.0980000	0.8000000	1.9000000	60.0000000	90.0000000	90.0000000	448.5617376
14077	1.0980000	0.9000000	1.9000000	60.0000000	90.0000000	90.0000000	226.5248521
14078	1.0980000	1.0000000	1.9000000	60.0000000	90.0000000	90.0000000	134.6456679
14079	1.0980000	1.1000000	1.9000000	60.0000000	90.0000000	90.0000000	110.6296881
14080	1.0980000	1.2000000	1.9000000	60.0000000	90.0000000	90.0000000	120.2612682
14081	1.0980000	1.3000000	1.9000000	60.0000000	90.0000000	90.0000000	144.5210983
14082	1.0980000	1.4000000	1.9000000	60.0000000	90.0000000	90.0000000	172.8606184
14083	1.0980000	1.5000000	1.9000000	60.0000000	90.0000000	90.0000000	199.6573437
14084	1.0980000	1.6000000	1.9000000	60.0000000	90.0000000	90.0000000	222.3013368
14085	1.0980000	1.7000000	1.9000000	60.0000000	90.0000000	90.0000000	239.9677366
14086	1.0980000	1.8000000	1.9000000	60.0000000	90.0000000	90.0000000	252.5559531
14087	1.0980000	2.0000000	1.9000000	60.0000000	90.0000000	90.0000000	265.1455502
14088	1.0980000	2.2000000	1.9000000	60.0000000	90.0000000	90.0000000	267.3141602
14089	1.0980000	2.4000000	1.9000000	60.0000000	90.0000000	90.0000000	264.4185177

14090	1.0980000	2.6000000	1.9000000	60.0000000	90.0000000	90.0000000	259.6811977
14091	1.0980000	2.8000000	1.9000000	60.0000000	90.0000000	90.0000000	254.6578589
14092	1.0980000	3.0000000	1.9000000	60.0000000	90.0000000	90.0000000	249.9734378
14093	1.0980000	3.5000000	1.9000000	60.0000000	90.0000000	90.0000000	240.7783533
14094	1.0980000	4.0000000	1.9000000	60.0000000	90.0000000	90.0000000	235.0323118
14095	1.0980000	4.5000000	1.9000000	60.0000000	90.0000000	90.0000000	231.7984417
14096	1.0980000	5.0000000	1.9000000	60.0000000	90.0000000	90.0000000	230.1244974
14097	1.0980000	5.5000000	1.9000000	60.0000000	90.0000000	90.0000000	229.3215991
14098	1.0980000	6.0000000	1.9000000	60.0000000	90.0000000	90.0000000	228.9632285
14099	1.0980000	7.0000000	1.9000000	60.0000000	90.0000000	90.0000000	228.7660649
14100	1.0980000	8.0000000	1.9000000	60.0000000	90.0000000	90.0000000	228.7639942
14101	1.0980000	9.0000000	1.9000000	60.0000000	90.0000000	90.0000000	228.7863962
14102	1.0980000	10.0000000	1.9000000	60.0000000	90.0000000	90.0000000	228.8046567
14103	1.0980000	0.8000000	2.0000000	60.0000000	90.0000000	90.0000000	417.6811806
14104	1.0980000	0.9000000	2.0000000	60.0000000	90.0000000	90.0000000	196.2520380
14105	1.0980000	1.0000000	2.0000000	60.0000000	90.0000000	90.0000000	105.3722255
14106	1.0980000	1.1000000	2.0000000	60.0000000	90.0000000	90.0000000	82.6424518
14107	1.0980000	1.2000000	2.0000000	60.0000000	90.0000000	90.0000000	93.7673162
14108	1.0980000	1.3000000	2.0000000	60.0000000	90.0000000	90.0000000	119.6715976
14109	1.0980000	1.4000000	2.0000000	60.0000000	90.0000000	90.0000000	149.7761763
14110	1.0980000	1.5000000	2.0000000	60.0000000	90.0000000	90.0000000	178.4383619
14111	1.0980000	1.6000000	2.0000000	60.0000000	90.0000000	90.0000000	202.9843989
14112	1.0980000	1.7000000	2.0000000	60.0000000	90.0000000	90.0000000	222.5149411
14113	1.0980000	1.8000000	2.0000000	60.0000000	90.0000000	90.0000000	236.9279552
14114	1.0980000	2.0000000	2.0000000	60.0000000	90.0000000	90.0000000	252.4466410
14115	1.0980000	2.2000000	2.0000000	60.0000000	90.0000000	90.0000000	256.6325057
14116	1.0980000	2.4000000	2.0000000	60.0000000	90.0000000	90.0000000	255.4352175
14117	1.0980000	2.6000000	2.0000000	60.0000000	90.0000000	90.0000000	252.2342917
14118	1.0980000	2.8000000	2.0000000	60.0000000	90.0000000	90.0000000	248.5823749
14119	1.0980000	3.0000000	2.0000000	60.0000000	90.0000000	90.0000000	245.0892806
14120	1.0980000	3.5000000	2.0000000	60.0000000	90.0000000	90.0000000	238.1022137
14121	1.0980000	4.0000000	2.0000000	60.0000000	90.0000000	90.0000000	233.6650941
14122	1.0980000	4.5000000	2.0000000	60.0000000	90.0000000	90.0000000	231.1450161
14123	1.0980000	5.0000000	2.0000000	60.0000000	90.0000000	90.0000000	229.8319525
14124	1.0980000	5.5000000	2.0000000	60.0000000	90.0000000	90.0000000	229.1986072
14125	1.0980000	6.0000000	2.0000000	60.0000000	90.0000000	90.0000000	228.9151612
14126	1.0980000	7.0000000	2.0000000	60.0000000	90.0000000	90.0000000	228.7623626
14127	1.0980000	8.0000000	2.0000000	60.0000000	90.0000000	90.0000000	228.7663159
14128	1.0980000	9.0000000	2.0000000	60.0000000	90.0000000	90.0000000	228.7883415
14129	1.0980000	10.0000000	2.0000000	60.0000000	90.0000000	90.0000000	228.8059118
14130	1.0980000	0.8000000	2.2000000	60.0000000	90.0000000	90.0000000	377.6650270
14131	1.0980000	0.9000000	2.2000000	60.0000000	90.0000000	90.0000000	156.4027391
14132	1.0980000	1.0000000	2.2000000	60.0000000	90.0000000	90.0000000	66.2575519
14133	1.0980000	1.1000000	2.2000000	60.0000000	90.0000000	90.0000000	44.7037310
14134	1.0980000	1.2000000	2.2000000	60.0000000	90.0000000	90.0000000	57.3550750
14135	1.0980000	1.3000000	2.2000000	60.0000000	90.0000000	90.0000000	85.0750551
14136	1.0980000	1.4000000	2.2000000	60.0000000	90.0000000	90.0000000	117.2483443
14137	1.0980000	1.5000000	2.2000000	60.0000000	90.0000000	90.0000000	148.2023826
14138	1.0980000	1.6000000	2.2000000	60.0000000	90.0000000	90.0000000	175.1915023
14139	1.0980000	1.7000000	2.2000000	60.0000000	90.0000000	90.0000000	197.2032797
14140	1.0980000	1.8000000	2.2000000	60.0000000	90.0000000	90.0000000	214.1124637
14141	1.0980000	2.0000000	2.2000000	60.0000000	90.0000000	90.0000000	234.0370818
14142	1.0980000	2.2000000	2.2000000	60.0000000	90.0000000	90.0000000	241.3320049
14143	1.0980000	2.4000000	2.2000000	60.0000000	90.0000000	90.0000000	242.6194661
14144	1.0980000	2.6000000	2.2000000	60.0000000	90.0000000	90.0000000	241.6007672
14145	1.0980000	2.8000000	2.2000000	60.0000000	90.0000000	90.0000000	239.8782537

14146	1.0980000	3.0000000	2.2000000	60.0000000	90.0000000	90.0000000	238.0604842
14147	1.0980000	3.5000000	2.2000000	60.0000000	90.0000000	90.0000000	234.2022423
14148	1.0980000	4.0000000	2.2000000	60.0000000	90.0000000	90.0000000	231.6517300
14149	1.0980000	4.5000000	2.2000000	60.0000000	90.0000000	90.0000000	230.1746982
14150	1.0980000	5.0000000	2.2000000	60.0000000	90.0000000	90.0000000	229.3941392
14151	1.0980000	5.5000000	2.2000000	60.0000000	90.0000000	90.0000000	229.0136174
14152	1.0980000	6.0000000	2.2000000	60.0000000	90.0000000	90.0000000	228.8434369
14153	1.0980000	7.0000000	2.2000000	60.0000000	90.0000000	90.0000000	228.7588486
14154	1.0980000	8.0000000	2.2000000	60.0000000	90.0000000	90.0000000	228.7713360
14155	1.0980000	9.0000000	2.2000000	60.0000000	90.0000000	90.0000000	228.7922948
14156	1.0980000	10.0000000	2.2000000	60.0000000	90.0000000	90.0000000	228.8085473
14157	1.0980000	0.8000000	2.4000000	60.0000000	90.0000000	90.0000000	356.3271321
14158	1.0980000	0.9000000	2.4000000	60.0000000	90.0000000	90.0000000	134.7554821
14159	1.0980000	1.0000000	2.4000000	60.0000000	90.0000000	90.0000000	44.6438666
14160	1.0980000	1.1000000	2.4000000	60.0000000	90.0000000	90.0000000	23.4015414
14161	1.0980000	1.2000000	2.4000000	60.0000000	90.0000000	90.0000000	36.5990068
14162	1.0980000	1.3000000	2.4000000	60.0000000	90.0000000	90.0000000	65.0720611
14163	1.0980000	1.4000000	2.4000000	60.0000000	90.0000000	90.0000000	98.1889363
14164	1.0980000	1.5000000	2.4000000	60.0000000	90.0000000	90.0000000	130.2628908
14165	1.0980000	1.6000000	2.4000000	60.0000000	90.0000000	90.0000000	158.5145595
14166	1.0980000	1.7000000	2.4000000	60.0000000	90.0000000	90.0000000	181.8694582
14167	1.0980000	1.8000000	2.4000000	60.0000000	90.0000000	90.0000000	200.1737212
14168	1.0980000	2.0000000	2.4000000	60.0000000	90.0000000	90.0000000	222.7899157
14169	1.0980000	2.2000000	2.4000000	60.0000000	90.0000000	90.0000000	232.0637527
14170	1.0980000	2.4000000	2.4000000	60.0000000	90.0000000	90.0000000	234.8643902
14171	1.0980000	2.6000000	2.4000000	60.0000000	90.0000000	90.0000000	235.1408709
14172	1.0980000	2.8000000	2.4000000	60.0000000	90.0000000	90.0000000	234.5588559
14173	1.0980000	3.0000000	2.4000000	60.0000000	90.0000000	90.0000000	233.7365675
14174	1.0980000	3.5000000	2.4000000	60.0000000	90.0000000	90.0000000	231.7656230
14175	1.0980000	4.0000000	2.4000000	60.0000000	90.0000000	90.0000000	230.3777602
14176	1.0980000	4.5000000	2.4000000	60.0000000	90.0000000	90.0000000	229.5537148
14177	1.0980000	5.0000000	2.4000000	60.0000000	90.0000000	90.0000000	229.1111952
14178	1.0980000	5.5000000	2.4000000	60.0000000	90.0000000	90.0000000	228.8939514
14179	1.0980000	6.0000000	2.4000000	60.0000000	90.0000000	90.0000000	228.7985071
14180	1.0980000	7.0000000	2.4000000	60.0000000	90.0000000	90.0000000	228.7593506
14181	1.0980000	8.0000000	2.4000000	60.0000000	90.0000000	90.0000000	228.7767326
14182	1.0980000	9.0000000	2.4000000	60.0000000	90.0000000	90.0000000	228.7961854
14183	1.0980000	10.0000000	2.4000000	60.0000000	90.0000000	90.0000000	228.8111201
14184	1.0980000	0.8000000	2.6000000	60.0000000	90.0000000	90.0000000	345.3075637
14185	1.0980000	0.9000000	2.6000000	60.0000000	90.0000000	90.0000000	123.3835671
14186	1.0980000	1.0000000	2.6000000	60.0000000	90.0000000	90.0000000	33.1173333
14187	1.0980000	1.1000000	2.6000000	60.0000000	90.0000000	90.0000000	11.8841070
14188	1.0980000	1.2000000	2.6000000	60.0000000	90.0000000	90.0000000	25.2335553
14189	1.0980000	1.3000000	2.6000000	60.0000000	90.0000000	90.0000000	53.9889887
14190	1.0980000	1.4000000	2.6000000	60.0000000	90.0000000	90.0000000	87.5117371
14191	1.0980000	1.5000000	2.6000000	60.0000000	90.0000000	90.0000000	120.1092854
14192	1.0980000	1.6000000	2.6000000	60.0000000	90.0000000	90.0000000	148.9868322
14193	1.0980000	1.7000000	2.6000000	60.0000000	90.0000000	90.0000000	173.0373878
14194	1.0980000	1.8000000	2.6000000	60.0000000	90.0000000	90.0000000	192.0874459
14195	1.0980000	2.0000000	2.6000000	60.0000000	90.0000000	90.0000000	216.2434858
14196	1.0980000	2.2000000	2.6000000	60.0000000	90.0000000	90.0000000	226.6978564
14197	1.0980000	2.4000000	2.6000000	60.0000000	90.0000000	90.0000000	230.3749992
14198	1.0980000	2.6000000	2.6000000	60.0000000	90.0000000	90.0000000	231.3872975
14199	1.0980000	2.8000000	2.6000000	60.0000000	90.0000000	90.0000000	231.4520565
14200	1.0980000	3.0000000	2.6000000	60.0000000	90.0000000	90.0000000	231.1976014
14201	1.0980000	3.5000000	2.6000000	60.0000000	90.0000000	90.0000000	230.3167036

14202	1.0980000	4.0000000	2.6000000	60.0000000	90.0000000	90.0000000	229.6112574
14203	1.0980000	4.5000000	2.6000000	60.0000000	90.0000000	90.0000000	229.1759541
14204	1.0980000	5.0000000	2.6000000	60.0000000	90.0000000	90.0000000	228.9380652
14205	1.0980000	5.5000000	2.6000000	60.0000000	90.0000000	90.0000000	228.8218505
14206	1.0980000	6.0000000	2.6000000	60.0000000	90.0000000	90.0000000	228.7735323
14207	1.0980000	7.0000000	2.6000000	60.0000000	90.0000000	90.0000000	228.7628646
14208	1.0980000	8.0000000	2.6000000	60.0000000	90.0000000	90.0000000	228.7821919
14209	1.0980000	9.0000000	2.6000000	60.0000000	90.0000000	90.0000000	228.8000759
14210	1.0980000	10.0000000	2.6000000	60.0000000	90.0000000	90.0000000	228.8136929
14211	1.0980000	0.8000000	2.8000000	60.0000000	90.0000000	90.0000000	339.7527870
14212	1.0980000	0.9000000	2.8000000	60.0000000	90.0000000	90.0000000	117.5543806
14213	1.0980000	1.0000000	2.8000000	60.0000000	90.0000000	90.0000000	27.1253081
14214	1.0980000	1.1000000	2.8000000	60.0000000	90.0000000	90.0000000	5.8221772
14215	1.0980000	1.2000000	2.8000000	60.0000000	90.0000000	90.0000000	19.1846777
14216	1.0980000	1.3000000	2.8000000	60.0000000	90.0000000	90.0000000	48.0304725
14217	1.0980000	1.4000000	2.8000000	60.0000000	90.0000000	90.0000000	81.7182558
14218	1.0980000	1.5000000	2.8000000	60.0000000	90.0000000	90.0000000	114.5533793
14219	1.0980000	1.6000000	2.8000000	60.0000000	90.0000000	90.0000000	143.7341387
14220	1.0980000	1.7000000	2.8000000	60.0000000	90.0000000	90.0000000	168.1367271
14221	1.0980000	1.8000000	2.8000000	60.0000000	90.0000000	90.0000000	187.5758411
14222	1.0980000	2.0000000	2.8000000	60.0000000	90.0000000	90.0000000	212.5842899
14223	1.0980000	2.2000000	2.8000000	60.0000000	90.0000000	90.0000000	223.7172492
14224	1.0980000	2.4000000	2.8000000	60.0000000	90.0000000	90.0000000	227.8855436
14225	1.0980000	2.6000000	2.8000000	60.0000000	90.0000000	90.0000000	229.3012678
14226	1.0980000	2.8000000	2.8000000	60.0000000	90.0000000	90.0000000	229.7189380
14227	1.0980000	3.0000000	2.8000000	60.0000000	90.0000000	90.0000000	229.7750375
14228	1.0980000	3.5000000	2.8000000	60.0000000	90.0000000	90.0000000	229.4954820
14229	1.0980000	4.0000000	2.8000000	60.0000000	90.0000000	90.0000000	229.1718753
14230	1.0980000	4.5000000	2.8000000	60.0000000	90.0000000	90.0000000	228.9577063
14231	1.0980000	5.0000000	2.8000000	60.0000000	90.0000000	90.0000000	228.8387306
14232	1.0980000	5.5000000	2.8000000	60.0000000	90.0000000	90.0000000	228.7824429
14233	1.0980000	6.0000000	2.8000000	60.0000000	90.0000000	90.0000000	228.7624881
14234	1.0980000	7.0000000	2.8000000	60.0000000	90.0000000	90.0000000	228.7681985
14235	1.0980000	8.0000000	2.8000000	60.0000000	90.0000000	90.0000000	228.7875885
14236	1.0980000	9.0000000	2.8000000	60.0000000	90.0000000	90.0000000	228.8038410
14237	1.0980000	10.0000000	2.8000000	60.0000000	90.0000000	90.0000000	228.8161402
14238	1.0980000	0.8000000	3.0000000	60.0000000	90.0000000	90.0000000	337.0170341
14239	1.0980000	0.9000000	3.0000000	60.0000000	90.0000000	90.0000000	114.6379049
14240	1.0980000	1.0000000	3.0000000	60.0000000	90.0000000	90.0000000	24.0892290
14241	1.0980000	1.1000000	3.0000000	60.0000000	90.0000000	90.0000000	2.7173859
14242	1.0980000	1.2000000	3.0000000	60.0000000	90.0000000	90.0000000	16.0569822
14243	1.0980000	1.3000000	3.0000000	60.0000000	90.0000000	90.0000000	44.9232338
14244	1.0980000	1.4000000	3.0000000	60.0000000	90.0000000	90.0000000	78.6737681
14245	1.0980000	1.5000000	3.0000000	60.0000000	90.0000000	90.0000000	111.6137484
14246	1.0980000	1.6000000	3.0000000	60.0000000	90.0000000	90.0000000	140.9382702
14247	1.0980000	1.7000000	3.0000000	60.0000000	90.0000000	90.0000000	165.5148042
14248	1.0980000	1.8000000	3.0000000	60.0000000	90.0000000	90.0000000	185.1520858
14249	1.0980000	2.0000000	3.0000000	60.0000000	90.0000000	90.0000000	210.6199342
14250	1.0980000	2.2000000	3.0000000	60.0000000	90.0000000	90.0000000	222.1304660
14251	1.0980000	2.4000000	3.0000000	60.0000000	90.0000000	90.0000000	226.5646362
14252	1.0980000	2.6000000	3.0000000	60.0000000	90.0000000	90.0000000	228.1930861
14253	1.0980000	2.8000000	3.0000000	60.0000000	90.0000000	90.0000000	228.7951186
14254	1.0980000	3.0000000	3.0000000	60.0000000	90.0000000	90.0000000	229.0136802
14255	1.0980000	3.5000000	3.0000000	60.0000000	90.0000000	90.0000000	229.0510797
14256	1.0980000	4.0000000	3.0000000	60.0000000	90.0000000	90.0000000	228.9322294
14257	1.0980000	4.5000000	3.0000000	60.0000000	90.0000000	90.0000000	228.8390443

14258	1.0980000	5.0000000	3.0000000	60.0000000	90.0000000	90.0000000	228.7866472
14259	1.0980000	5.5000000	3.0000000	60.0000000	90.0000000	90.0000000	228.7645589
14260	1.0980000	6.0000000	3.0000000	60.0000000	90.0000000	90.0000000	228.7606056
14261	1.0980000	7.0000000	3.0000000	60.0000000	90.0000000	90.0000000	228.7745363
14262	1.0980000	8.0000000	3.0000000	60.0000000	90.0000000	90.0000000	228.7928596
14263	1.0980000	9.0000000	3.0000000	60.0000000	90.0000000	90.0000000	228.8074805
14264	1.0980000	10.0000000	3.0000000	60.0000000	90.0000000	90.0000000	228.8184619
14265	1.0980000	0.8000000	3.5000000	60.0000000	90.0000000	90.0000000	334.9502061
14266	1.0980000	0.9000000	3.5000000	60.0000000	90.0000000	90.0000000	112.3872794
14267	1.0980000	1.0000000	3.5000000	60.0000000	90.0000000	90.0000000	21.7082071
14268	1.0980000	1.1000000	3.5000000	60.0000000	90.0000000	90.0000000	0.2492656
14269	1.0980000	1.2000000	3.5000000	60.0000000	90.0000000	90.0000000	13.5405437
14270	1.0980000	1.3000000	3.5000000	60.0000000	90.0000000	90.0000000	42.3958139
14271	1.0980000	1.4000000	3.5000000	60.0000000	90.0000000	90.0000000	76.1726408
14272	1.0980000	1.5000000	3.5000000	60.0000000	90.0000000	90.0000000	109.1768154
14273	1.0980000	1.6000000	3.5000000	60.0000000	90.0000000	90.0000000	138.6016759
14274	1.0980000	1.7000000	3.5000000	60.0000000	90.0000000	90.0000000	163.3073514
14275	1.0980000	1.8000000	3.5000000	60.0000000	90.0000000	90.0000000	183.0992512
14276	1.0980000	2.0000000	3.5000000	60.0000000	90.0000000	90.0000000	208.9631209
14277	1.0980000	2.2000000	3.5000000	60.0000000	90.0000000	90.0000000	220.8140139
14278	1.0980000	2.4000000	3.5000000	60.0000000	90.0000000	90.0000000	225.4768485
14279	1.0980000	2.6000000	3.5000000	60.0000000	90.0000000	90.0000000	227.2800598
14280	1.0980000	2.8000000	3.5000000	60.0000000	90.0000000	90.0000000	228.0313140
14281	1.0980000	3.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.3816526
14282	1.0980000	3.5000000	3.5000000	60.0000000	90.0000000	90.0000000	228.6812256
14283	1.0980000	4.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.7372623
14284	1.0980000	4.5000000	3.5000000	60.0000000	90.0000000	90.0000000	228.7505655
14285	1.0980000	5.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.7575936
14286	1.0980000	5.5000000	3.5000000	60.0000000	90.0000000	90.0000000	228.7654374
14287	1.0980000	6.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.7742225
14288	1.0980000	7.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.7908515
14289	1.0980000	8.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.8047822
14290	1.0980000	9.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.8157009
14291	1.0980000	10.0000000	3.5000000	60.0000000	90.0000000	90.0000000	228.8236703
14292	1.0980000	0.8000000	4.0000000	60.0000000	90.0000000	90.0000000	334.7072344
14293	1.0980000	0.9000000	4.0000000	60.0000000	90.0000000	90.0000000	112.1081004
14294	1.0980000	1.0000000	4.0000000	60.0000000	90.0000000	90.0000000	21.4026727
14295	1.0980000	1.1000000	4.0000000	60.0000000	90.0000000	90.0000000	-0.0755334
14296	1.0980000	1.2000000	4.0000000	60.0000000	90.0000000	90.0000000	13.2025672
14297	1.0980000	1.3000000	4.0000000	60.0000000	90.0000000	90.0000000	42.0501817
14298	1.0980000	1.4000000	4.0000000	60.0000000	90.0000000	90.0000000	75.8249379
14299	1.0980000	1.5000000	4.0000000	60.0000000	90.0000000	90.0000000	108.8326264
14300	1.0980000	1.6000000	4.0000000	60.0000000	90.0000000	90.0000000	138.2667113
14301	1.0980000	1.7000000	4.0000000	60.0000000	90.0000000	90.0000000	162.9856273
14302	1.0980000	1.8000000	4.0000000	60.0000000	90.0000000	90.0000000	182.7953484
14303	1.0980000	2.0000000	4.0000000	60.0000000	90.0000000	90.0000000	208.7223456
14304	1.0980000	2.2000000	4.0000000	60.0000000	90.0000000	90.0000000	220.6336677
14305	1.0980000	2.4000000	4.0000000	60.0000000	90.0000000	90.0000000	225.3339019
14306	1.0980000	2.6000000	4.0000000	60.0000000	90.0000000	90.0000000	227.1634685
14307	1.0980000	2.8000000	4.0000000	60.0000000	90.0000000	90.0000000	227.9367484
14308	1.0980000	3.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.3067280
14309	1.0980000	3.5000000	4.0000000	60.0000000	90.0000000	90.0000000	228.6469636
14310	1.0980000	4.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.7304852
14311	1.0980000	4.5000000	4.0000000	60.0000000	90.0000000	90.0000000	228.7597898
14312	1.0980000	5.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.7743481
14313	1.0980000	5.5000000	4.0000000	60.0000000	90.0000000	90.0000000	228.7843254

14314	1.0980000	6.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.7923576
14315	1.0980000	7.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.8047195
14316	1.0980000	8.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.8146341
14317	1.0980000	9.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.8222897
14318	1.0980000	10.0000000	4.0000000	60.0000000	90.0000000	90.0000000	228.8276236
14319	1.0980000	0.8000000	10.0000000	60.0000000	90.0000000	90.0000000	334.8025531
14320	1.0980000	0.9000000	10.0000000	60.0000000	90.0000000	90.0000000	112.1851585
14321	1.0980000	1.0000000	10.0000000	60.0000000	90.0000000	90.0000000	21.4727655
14322	1.0980000	1.1000000	10.0000000	60.0000000	90.0000000	90.0000000	-0.0056915
14323	1.0980000	1.2000000	10.0000000	60.0000000	90.0000000	90.0000000	13.2762367
14324	1.0980000	1.3000000	10.0000000	60.0000000	90.0000000	90.0000000	42.1296244
14325	1.0980000	1.4000000	10.0000000	60.0000000	90.0000000	90.0000000	75.9100281
14326	1.0980000	1.5000000	10.0000000	60.0000000	90.0000000	90.0000000	108.9216073
14327	1.0980000	1.6000000	10.0000000	60.0000000	90.0000000	90.0000000	138.3562569
14328	1.0980000	1.7000000	10.0000000	60.0000000	90.0000000	90.0000000	163.0714079
14329	1.0980000	1.8000000	10.0000000	60.0000000	90.0000000	90.0000000	182.8740380
14330	1.0980000	2.0000000	10.0000000	60.0000000	90.0000000	90.0000000	208.7948856
14331	1.0980000	2.2000000	10.0000000	60.0000000	90.0000000	90.0000000	220.7065215
14332	1.0980000	2.4000000	10.0000000	60.0000000	90.0000000	90.0000000	225.4051870
14333	1.0980000	2.6000000	10.0000000	60.0000000	90.0000000	90.0000000	227.2328082
14334	1.0980000	2.8000000	10.0000000	60.0000000	90.0000000	90.0000000	228.0046449
14335	1.0980000	3.0000000	10.0000000	60.0000000	90.0000000	90.0000000	228.3739343
14336	1.0980000	3.5000000	10.0000000	60.0000000	90.0000000	90.0000000	228.7134169
14337	1.0980000	4.0000000	10.0000000	60.0000000	90.0000000	90.0000000	228.7939891
14338	1.0980000	7.0000000	10.0000000	60.0000000	90.0000000	90.0000000	228.8352165
14339	1.0980000	8.0000000	10.0000000	60.0000000	90.0000000	90.0000000	228.8356558
14340	1.0980000	9.0000000	10.0000000	60.0000000	90.0000000	90.0000000	228.8357813
14341	1.0980000	10.0000000	10.0000000	60.0000000	90.0000000	90.0000000	228.8359068
14342	0.8980000	0.8000000	1.0000000	60.0000000	90.0000000	90.0000000	1578.3967499
14343	0.8980000	0.9000000	1.0000000	60.0000000	90.0000000	90.0000000	1238.9982107
14344	0.8980000	1.0000000	1.0000000	60.0000000	90.0000000	90.0000000	1030.8023016
14345	0.8980000	1.1000000	1.0000000	60.0000000	90.0000000	90.0000000	896.9965740
14346	0.8980000	1.2000000	1.0000000	60.0000000	90.0000000	90.0000000	807.0002320
14347	0.8980000	1.3000000	1.0000000	60.0000000	90.0000000	90.0000000	743.7164663
14348	0.8980000	1.4000000	1.0000000	60.0000000	90.0000000	90.0000000	697.3271381
14349	0.8980000	1.5000000	1.0000000	60.0000000	90.0000000	90.0000000	662.0963090
14350	0.8980000	1.6000000	1.0000000	60.0000000	90.0000000	90.0000000	634.6197400
14351	0.8980000	1.7000000	1.0000000	60.0000000	90.0000000	90.0000000	612.7906934
14352	0.8980000	1.8000000	1.0000000	60.0000000	90.0000000	90.0000000	595.1943864
14353	0.8980000	2.0000000	1.0000000	60.0000000	90.0000000	90.0000000	568.7768651
14354	0.8980000	2.2000000	1.0000000	60.0000000	90.0000000	90.0000000	549.5731926
14355	0.8980000	2.4000000	1.0000000	60.0000000	90.0000000	90.0000000	534.9657134
14356	0.8980000	2.6000000	1.0000000	60.0000000	90.0000000	90.0000000	521.4861823
14357	0.8980000	2.8000000	1.0000000	60.0000000	90.0000000	90.0000000	511.3215329
14358	0.8980000	3.0000000	1.0000000	60.0000000	90.0000000	90.0000000	478.9087861
14359	0.8980000	3.5000000	1.0000000	60.0000000	90.0000000	90.0000000	413.8984280
14360	0.8980000	4.0000000	1.0000000	60.0000000	90.0000000	90.0000000	377.2014230
14361	0.8980000	4.5000000	1.0000000	60.0000000	90.0000000	90.0000000	358.8466454
14362	0.8980000	5.0000000	1.0000000	60.0000000	90.0000000	90.0000000	350.2215903
14363	0.8980000	5.5000000	1.0000000	60.0000000	90.0000000	90.0000000	346.3726355
14364	0.8980000	6.0000000	1.0000000	60.0000000	90.0000000	90.0000000	344.7488920
14365	0.8980000	7.0000000	1.0000000	60.0000000	90.0000000	90.0000000	343.8630369
14366	0.8980000	8.0000000	1.0000000	60.0000000	90.0000000	90.0000000	343.7696008
14367	0.8980000	9.0000000	1.0000000	60.0000000	90.0000000	90.0000000	343.7882378
14368	0.8980000	10.0000000	1.0000000	60.0000000	90.0000000	90.0000000	343.8122714
14369	0.8980000	0.8000000	1.1000000	60.0000000	90.0000000	90.0000000	1362.7914976

14370	0.8980000	0.9000000	1.1000000	60.0000000	90.0000000	90.0000000	1038.4714087
14371	0.8980000	1.0000000	1.1000000	60.0000000	90.0000000	90.0000000	858.1944002
14372	0.8980000	1.1000000	1.1000000	60.0000000	90.0000000	90.0000000	750.4734256
14373	0.8980000	1.2000000	1.1000000	60.0000000	90.0000000	90.0000000	682.9484489
14374	0.8980000	1.3000000	1.1000000	60.0000000	90.0000000	90.0000000	639.7642509
14375	0.8980000	1.4000000	1.1000000	60.0000000	90.0000000	90.0000000	610.6579769
14376	0.8980000	1.5000000	1.1000000	60.0000000	90.0000000	90.0000000	590.9531754
14377	0.8980000	1.6000000	1.1000000	60.0000000	90.0000000	90.0000000	575.7133548
14378	0.8980000	1.7000000	1.1000000	60.0000000	90.0000000	90.0000000	564.1317889
14379	0.8980000	1.8000000	1.1000000	60.0000000	90.0000000	90.0000000	555.1302910
14380	0.8980000	2.0000000	1.1000000	60.0000000	90.0000000	90.0000000	542.1320598
14381	0.8980000	2.2000000	1.1000000	60.0000000	90.0000000	90.0000000	532.7327836
14382	0.8980000	2.4000000	1.1000000	60.0000000	90.0000000	90.0000000	523.7784744
14383	0.8980000	2.6000000	1.1000000	60.0000000	90.0000000	90.0000000	512.8444357
14384	0.8980000	2.8000000	1.1000000	60.0000000	90.0000000	90.0000000	488.9906043
14385	0.8980000	3.0000000	1.1000000	60.0000000	90.0000000	90.0000000	459.4835400
14386	0.8980000	3.5000000	1.1000000	60.0000000	90.0000000	90.0000000	403.8332388
14387	0.8980000	4.0000000	1.1000000	60.0000000	90.0000000	90.0000000	372.6221726
14388	0.8980000	4.5000000	1.1000000	60.0000000	90.0000000	90.0000000	356.8772697
14389	0.8980000	5.0000000	1.1000000	60.0000000	90.0000000	90.0000000	349.4072086
14390	0.8980000	5.5000000	1.1000000	60.0000000	90.0000000	90.0000000	346.0503467
14391	0.8980000	6.0000000	1.1000000	60.0000000	90.0000000	90.0000000	344.6275317
14392	0.8980000	7.0000000	1.1000000	60.0000000	90.0000000	90.0000000	343.8492317
14393	0.8980000	8.0000000	1.1000000	60.0000000	90.0000000	90.0000000	343.7699145
14394	0.8980000	9.0000000	1.1000000	60.0000000	90.0000000	90.0000000	343.7896183
14395	0.8980000	10.0000000	1.1000000	60.0000000	90.0000000	90.0000000	343.8132126
14396	0.8980000	0.8000000	1.2000000	60.0000000	90.0000000	90.0000000	1201.3726799
14397	0.8980000	0.9000000	1.2000000	60.0000000	90.0000000	90.0000000	905.3280801
14398	0.8980000	1.0000000	1.2000000	60.0000000	90.0000000	90.0000000	740.7404398
14399	0.8980000	1.1000000	1.2000000	60.0000000	90.0000000	90.0000000	648.3799560
14400	0.8980000	1.2000000	1.2000000	60.0000000	90.0000000	90.0000000	596.0796768
14401	0.8980000	1.3000000	1.2000000	60.0000000	90.0000000	90.0000000	566.0571763
14402	0.8980000	1.4000000	1.2000000	60.0000000	90.0000000	90.0000000	548.3670567
14403	0.8980000	1.5000000	1.2000000	60.0000000	90.0000000	90.0000000	537.7910747
14404	0.8980000	1.6000000	1.2000000	60.0000000	90.0000000	90.0000000	531.2483473
14405	0.8980000	1.7000000	1.2000000	60.0000000	90.0000000	90.0000000	527.0839433
14406	0.8980000	1.8000000	1.2000000	60.0000000	90.0000000	90.0000000	524.3642546
14407	0.8980000	2.0000000	1.2000000	60.0000000	90.0000000	90.0000000	521.0932359
14408	0.8980000	2.2000000	1.2000000	60.0000000	90.0000000	90.0000000	518.2494258
14409	0.8980000	2.4000000	1.2000000	60.0000000	90.0000000	90.0000000	514.3559177
14410	0.8980000	2.6000000	1.2000000	60.0000000	90.0000000	90.0000000	490.6332358
14411	0.8980000	2.8000000	1.2000000	60.0000000	90.0000000	90.0000000	464.8231436
14412	0.8980000	3.0000000	1.2000000	60.0000000	90.0000000	90.0000000	440.9391291
14413	0.8980000	3.5000000	1.2000000	60.0000000	90.0000000	90.0000000	394.5275243
14414	0.8980000	4.0000000	1.2000000	60.0000000	90.0000000	90.0000000	368.3603792
14415	0.8980000	4.5000000	1.2000000	60.0000000	90.0000000	90.0000000	355.0257402
14416	0.8980000	5.0000000	1.2000000	60.0000000	90.0000000	90.0000000	348.6350581
14417	0.8980000	5.5000000	1.2000000	60.0000000	90.0000000	90.0000000	345.7429298
14418	0.8980000	6.0000000	1.2000000	60.0000000	90.0000000	90.0000000	344.5111914
14419	0.8980000	7.0000000	1.2000000	60.0000000	90.0000000	90.0000000	343.8361167
14420	0.8980000	8.0000000	1.2000000	60.0000000	90.0000000	90.0000000	343.7704165
14421	0.8980000	9.0000000	1.2000000	60.0000000	90.0000000	90.0000000	343.7910616
14422	0.8980000	10.0000000	1.2000000	60.0000000	90.0000000	90.0000000	343.8142794
14423	0.8980000	0.8000000	1.3000000	60.0000000	90.0000000	90.0000000	1063.0783142
14424	0.8980000	0.9000000	1.3000000	60.0000000	90.0000000	90.0000000	816.0196139
14425	0.8980000	1.0000000	1.3000000	60.0000000	90.0000000	90.0000000	696.5733111

14426	0.8980000	1.1000000	1.3000000	60.0000000	90.0000000	90.0000000	581.8406083
14427	0.8980000	1.2000000	1.3000000	60.0000000	90.0000000	90.0000000	537.7049178
14428	0.8980000	1.3000000	1.3000000	60.0000000	90.0000000	90.0000000	515.1807790
14429	0.8980000	1.4000000	1.3000000	60.0000000	90.0000000	90.0000000	504.7742873
14430	0.8980000	1.5000000	1.3000000	60.0000000	90.0000000	90.0000000	500.6205511
14431	0.8980000	1.6000000	1.3000000	60.0000000	90.0000000	90.0000000	499.6950374
14432	0.8980000	1.7000000	1.3000000	60.0000000	90.0000000	90.0000000	500.3947104
14433	0.8980000	1.8000000	1.3000000	60.0000000	90.0000000	90.0000000	501.8307659
14434	0.8980000	2.0000000	1.3000000	60.0000000	90.0000000	90.0000000	504.8381050
14435	0.8980000	2.2000000	1.3000000	60.0000000	90.0000000	90.0000000	507.8886795
14436	0.8980000	2.4000000	1.3000000	60.0000000	90.0000000	90.0000000	489.9007440
14437	0.8980000	2.6000000	1.3000000	60.0000000	90.0000000	90.0000000	467.1004382
14438	0.8980000	2.8000000	1.3000000	60.0000000	90.0000000	90.0000000	444.7946100
14439	0.8980000	3.0000000	1.3000000	60.0000000	90.0000000	90.0000000	424.8100648
14440	0.8980000	3.5000000	1.3000000	60.0000000	90.0000000	90.0000000	386.1211564
14441	0.8980000	4.0000000	1.3000000	60.0000000	90.0000000	90.0000000	364.4752171
14442	0.8980000	4.5000000	1.3000000	60.0000000	90.0000000	90.0000000	353.3189144
14443	0.8980000	5.0000000	1.3000000	60.0000000	90.0000000	90.0000000	347.9170618
14444	0.8980000	5.5000000	1.3000000	60.0000000	90.0000000	90.0000000	345.4553421
14445	0.8980000	6.0000000	1.3000000	60.0000000	90.0000000	90.0000000	344.4019420
14446	0.8980000	7.0000000	1.3000000	60.0000000	90.0000000	90.0000000	343.8238803
14447	0.8980000	8.0000000	1.3000000	60.0000000	90.0000000	90.0000000	343.7711695
14448	0.8980000	9.0000000	1.3000000	60.0000000	90.0000000	90.0000000	343.7925676
14449	0.8980000	10.0000000	1.3000000	60.0000000	90.0000000	90.0000000	343.8154089
14450	0.8980000	0.8000000	1.4000000	60.0000000	90.0000000	90.0000000	931.5966306
14451	0.8980000	0.9000000	1.4000000	60.0000000	90.0000000	90.0000000	694.3272037
14452	0.8980000	1.0000000	1.4000000	60.0000000	90.0000000	90.0000000	584.7144762
14453	0.8980000	1.1000000	1.4000000	60.0000000	90.0000000	90.0000000	541.5365534
14454	0.8980000	1.2000000	1.4000000	60.0000000	90.0000000	90.0000000	500.1019145
14455	0.8980000	1.3000000	1.4000000	60.0000000	90.0000000	90.0000000	482.0598876
14456	0.8980000	1.4000000	1.4000000	60.0000000	90.0000000	90.0000000	475.6301746
14457	0.8980000	1.5000000	1.4000000	60.0000000	90.0000000	90.0000000	475.1300495
14458	0.8980000	1.6000000	1.4000000	60.0000000	90.0000000	90.0000000	477.4859083
14459	0.8980000	1.7000000	1.4000000	60.0000000	90.0000000	90.0000000	481.0256893
14460	0.8980000	1.8000000	1.4000000	60.0000000	90.0000000	90.0000000	484.7046518
14461	0.8980000	2.0000000	1.4000000	60.0000000	90.0000000	90.0000000	491.0683508
14462	0.8980000	2.2000000	1.4000000	60.0000000	90.0000000	90.0000000	482.0566873
14463	0.8980000	2.4000000	1.4000000	60.0000000	90.0000000	90.0000000	464.5678100
14464	0.8980000	2.6000000	1.4000000	60.0000000	90.0000000	90.0000000	445.2044364
14465	0.8980000	2.8000000	1.4000000	60.0000000	90.0000000	90.0000000	426.7987678
14466	0.8980000	3.0000000	1.4000000	60.0000000	90.0000000	90.0000000	410.5066138
14467	0.8980000	3.5000000	1.4000000	60.0000000	90.0000000	90.0000000	378.6814040
14468	0.8980000	4.0000000	1.4000000	60.0000000	90.0000000	90.0000000	360.9991284
14469	0.8980000	4.5000000	1.4000000	60.0000000	90.0000000	90.0000000	351.7740488
14470	0.8980000	5.0000000	1.4000000	60.0000000	90.0000000	90.0000000	347.2615654
14471	0.8980000	5.5000000	1.4000000	60.0000000	90.0000000	90.0000000	345.1911606
14472	0.8980000	6.0000000	1.4000000	60.0000000	90.0000000	90.0000000	344.3011013
14473	0.8980000	7.0000000	1.4000000	60.0000000	90.0000000	90.0000000	343.8127734
14474	0.8980000	8.0000000	1.4000000	60.0000000	90.0000000	90.0000000	343.7721108
14475	0.8980000	9.0000000	1.4000000	60.0000000	90.0000000	90.0000000	343.7941991
14476	0.8980000	10.0000000	1.4000000	60.0000000	90.0000000	90.0000000	343.8166012
14477	0.8980000	0.8000000	1.5000000	60.0000000	90.0000000	90.0000000	819.6813827
14478	0.8980000	0.9000000	1.5000000	60.0000000	90.0000000	90.0000000	589.8139947
14479	0.8980000	1.0000000	1.5000000	60.0000000	90.0000000	90.0000000	487.8386851
14480	0.8980000	1.1000000	1.5000000	60.0000000	90.0000000	90.0000000	452.2376881
14481	0.8980000	1.2000000	1.5000000	60.0000000	90.0000000	90.0000000	449.1311397

14482	0.8980000	1.3000000	1.5000000	60.0000000	90.0000000	90.0000000	458.8150542
14483	0.8980000	1.4000000	1.5000000	60.0000000	90.0000000	90.0000000	468.0346116
14484	0.8980000	1.5000000	1.5000000	60.0000000	90.0000000	90.0000000	469.8629859
14485	0.8980000	1.6000000	1.5000000	60.0000000	90.0000000	90.0000000	473.1623053
14486	0.8980000	1.7000000	1.5000000	60.0000000	90.0000000	90.0000000	476.2416825
14487	0.8980000	1.8000000	1.5000000	60.0000000	90.0000000	90.0000000	477.7271857
14488	0.8980000	2.0000000	1.5000000	60.0000000	90.0000000	90.0000000	473.9574853
14489	0.8980000	2.2000000	1.5000000	60.0000000	90.0000000	90.0000000	462.0307892
14490	0.8980000	2.4000000	1.5000000	60.0000000	90.0000000	90.0000000	442.7475485
14491	0.8980000	2.6000000	1.5000000	60.0000000	90.0000000	90.0000000	426.0455054
14492	0.8980000	2.8000000	1.5000000	60.0000000	90.0000000	90.0000000	410.5527985
14493	0.8980000	3.0000000	1.5000000	60.0000000	90.0000000	90.0000000	397.0152856
14494	0.8980000	3.5000000	1.5000000	60.0000000	90.0000000	90.0000000	372.2164878
14495	0.8980000	4.0000000	1.5000000	60.0000000	90.0000000	90.0000000	357.9416512
14496	0.8980000	4.5000000	1.5000000	60.0000000	90.0000000	90.0000000	350.3991756
14497	0.8980000	5.0000000	1.5000000	60.0000000	90.0000000	90.0000000	346.6732754
14498	0.8980000	5.5000000	1.5000000	60.0000000	90.0000000	90.0000000	344.9525816
14499	0.8980000	6.0000000	1.5000000	60.0000000	90.0000000	90.0000000	344.2097359
14500	0.8980000	7.0000000	1.5000000	60.0000000	90.0000000	90.0000000	343.8029215
14501	0.8980000	8.0000000	1.5000000	60.0000000	90.0000000	90.0000000	343.7733031
14502	0.8980000	9.0000000	1.5000000	60.0000000	90.0000000	90.0000000	343.7959561
14503	0.8980000	10.0000000	1.5000000	60.0000000	90.0000000	90.0000000	343.8178562
14504	0.8980000	0.8000000	1.6000000	60.0000000	90.0000000	90.0000000	725.8438042
14505	0.8980000	0.9000000	1.6000000	60.0000000	90.0000000	90.0000000	500.6054908
14506	0.8980000	1.0000000	1.6000000	60.0000000	90.0000000	90.0000000	403.8361253
14507	0.8980000	1.1000000	1.6000000	60.0000000	90.0000000	90.0000000	373.6719332
14508	0.8980000	1.2000000	1.6000000	60.0000000	90.0000000	90.0000000	376.1045992
14509	0.8980000	1.3000000	1.6000000	60.0000000	90.0000000	90.0000000	391.9938293
14510	0.8980000	1.4000000	1.6000000	60.0000000	90.0000000	90.0000000	410.2433109
14511	0.8980000	1.5000000	1.6000000	60.0000000	90.0000000	90.0000000	425.1818642
14512	0.8980000	1.6000000	1.6000000	60.0000000	90.0000000	90.0000000	434.9518728
14513	0.8980000	1.7000000	1.6000000	60.0000000	90.0000000	90.0000000	440.3459443
14514	0.8980000	1.8000000	1.6000000	60.0000000	90.0000000	90.0000000	443.0545890
14515	0.8980000	2.0000000	1.6000000	60.0000000	90.0000000	90.0000000	442.0141783
14516	0.8980000	2.2000000	1.6000000	60.0000000	90.0000000	90.0000000	433.8269367
14517	0.8980000	2.4000000	1.6000000	60.0000000	90.0000000	90.0000000	421.7361469
14518	0.8980000	2.6000000	1.6000000	60.0000000	90.0000000	90.0000000	408.8479180
14519	0.8980000	2.8000000	1.6000000	60.0000000	90.0000000	90.0000000	396.7997361
14520	0.8980000	3.0000000	1.6000000	60.0000000	90.0000000	90.0000000	386.2213069
14521	0.8980000	3.5000000	1.6000000	60.0000000	90.0000000	90.0000000	366.6905138
14522	0.8980000	4.0000000	1.6000000	60.0000000	90.0000000	90.0000000	355.2941260
14523	0.8980000	4.5000000	1.6000000	60.0000000	90.0000000	90.0000000	349.1948594
14524	0.8980000	5.0000000	1.6000000	60.0000000	90.0000000	90.0000000	346.1538230
14525	0.8980000	5.5000000	1.6000000	60.0000000	90.0000000	90.0000000	344.7407344
14526	0.8980000	6.0000000	1.6000000	60.0000000	90.0000000	90.0000000	344.1282851
14527	0.8980000	7.0000000	1.6000000	60.0000000	90.0000000	90.0000000	343.7944501
14528	0.8980000	8.0000000	1.6000000	60.0000000	90.0000000	90.0000000	343.7747463
14529	0.8980000	9.0000000	1.6000000	60.0000000	90.0000000	90.0000000	343.7977132
14530	0.8980000	10.0000000	1.6000000	60.0000000	90.0000000	90.0000000	343.8191112
14531	0.8980000	0.8000000	1.7000000	60.0000000	90.0000000	90.0000000	653.3529057
14532	0.8980000	0.9000000	1.7000000	60.0000000	90.0000000	90.0000000	430.7822607
14533	0.8980000	1.0000000	1.7000000	60.0000000	90.0000000	90.0000000	337.3254549
14534	0.8980000	1.1000000	1.7000000	60.0000000	90.0000000	90.0000000	310.8896103
14535	0.8980000	1.2000000	1.7000000	60.0000000	90.0000000	90.0000000	317.3464945
14536	0.8980000	1.3000000	1.7000000	60.0000000	90.0000000	90.0000000	337.6315540
14537	0.8980000	1.4000000	1.7000000	60.0000000	90.0000000	90.0000000	361.0138121

14538	0.8980000	1.5000000	1.7000000	60.0000000	90.0000000	90.0000000	381.7828697
14539	0.8980000	1.6000000	1.7000000	60.0000000	90.0000000	90.0000000	397.7118839
14540	0.8980000	1.7000000	1.7000000	60.0000000	90.0000000	90.0000000	408.2739979
14541	0.8980000	1.8000000	1.7000000	60.0000000	90.0000000	90.0000000	414.2991555
14542	0.8980000	2.0000000	1.7000000	60.0000000	90.0000000	90.0000000	417.4144264
14543	0.8980000	2.2000000	1.7000000	60.0000000	90.0000000	90.0000000	412.7805826
14544	0.8980000	2.4000000	1.7000000	60.0000000	90.0000000	90.0000000	404.1781180
14545	0.8980000	2.6000000	1.7000000	60.0000000	90.0000000	90.0000000	394.5384430
14546	0.8980000	2.8000000	1.7000000	60.0000000	90.0000000	90.0000000	385.3611169
14547	0.8980000	3.0000000	1.7000000	60.0000000	90.0000000	90.0000000	377.2265233
14548	0.8980000	3.5000000	1.7000000	60.0000000	90.0000000	90.0000000	362.0367781
14549	0.8980000	4.0000000	1.7000000	60.0000000	90.0000000	90.0000000	353.0347154
14550	0.8980000	4.5000000	1.7000000	60.0000000	90.0000000	90.0000000	348.1558920
14551	0.8980000	5.0000000	1.7000000	60.0000000	90.0000000	90.0000000	345.7022044
14552	0.8980000	5.5000000	1.7000000	60.0000000	90.0000000	90.0000000	344.5554936
14553	0.8980000	6.0000000	1.7000000	60.0000000	90.0000000	90.0000000	344.0568746
14554	0.8980000	7.0000000	1.7000000	60.0000000	90.0000000	90.0000000	343.7873593
14555	0.8980000	8.0000000	1.7000000	60.0000000	90.0000000	90.0000000	343.7763779
14556	0.8980000	9.0000000	1.7000000	60.0000000	90.0000000	90.0000000	343.7995957
14557	0.8980000	10.0000000	1.7000000	60.0000000	90.0000000	90.0000000	343.8204917
14558	0.8980000	0.8000000	1.8000000	60.0000000	90.0000000	90.0000000	614.9643861
14559	0.8980000	0.9000000	1.8000000	60.0000000	90.0000000	90.0000000	393.2145862
14560	0.8980000	1.0000000	1.8000000	60.0000000	90.0000000	90.0000000	285.3304592
14561	0.8980000	1.1000000	1.8000000	60.0000000	90.0000000	90.0000000	261.2583800
14562	0.8980000	1.2000000	1.8000000	60.0000000	90.0000000	90.0000000	270.4146845
14563	0.8980000	1.3000000	1.8000000	60.0000000	90.0000000	90.0000000	293.7208256
14564	0.8980000	1.4000000	1.8000000	60.0000000	90.0000000	90.0000000	320.5302894
14565	0.8980000	1.5000000	1.8000000	60.0000000	90.0000000	90.0000000	345.1575889
14566	0.8980000	1.6000000	1.8000000	60.0000000	90.0000000	90.0000000	365.1160298
14567	0.8980000	1.7000000	1.8000000	60.0000000	90.0000000	90.0000000	379.7275251
14568	0.8980000	1.8000000	1.8000000	60.0000000	90.0000000	90.0000000	389.1703505
14569	0.8980000	2.0000000	1.8000000	60.0000000	90.0000000	90.0000000	396.8048189
14570	0.8980000	2.2000000	1.8000000	60.0000000	90.0000000	90.0000000	395.4735576
14571	0.8980000	2.4000000	1.8000000	60.0000000	90.0000000	90.0000000	389.8275411
14572	0.8980000	2.6000000	1.8000000	60.0000000	90.0000000	90.0000000	382.8522713
14573	0.8980000	2.8000000	1.8000000	60.0000000	90.0000000	90.0000000	376.0030681
14574	0.8980000	3.0000000	1.8000000	60.0000000	90.0000000	90.0000000	369.8434352
14575	0.8980000	3.5000000	1.8000000	60.0000000	90.0000000	90.0000000	358.1700646
14576	0.8980000	4.0000000	1.8000000	60.0000000	90.0000000	90.0000000	351.1327341
14577	0.8980000	4.5000000	1.8000000	60.0000000	90.0000000	90.0000000	347.2724213
14578	0.8980000	5.0000000	1.8000000	60.0000000	90.0000000	90.0000000	345.3155330
14579	0.8980000	5.5000000	1.8000000	60.0000000	90.0000000	90.0000000	344.3961061
14580	0.8980000	6.0000000	1.8000000	60.0000000	90.0000000	90.0000000	343.9953786
14581	0.8980000	7.0000000	1.8000000	60.0000000	90.0000000	90.0000000	343.7816489
14582	0.8980000	8.0000000	1.8000000	60.0000000	90.0000000	90.0000000	343.7781976
14583	0.8980000	9.0000000	1.8000000	60.0000000	90.0000000	90.0000000	343.8015410
14584	0.8980000	10.0000000	1.8000000	60.0000000	90.0000000	90.0000000	343.8218723
14585	0.8980000	0.8000000	1.9000000	60.0000000	90.0000000	90.0000000	556.8546871
14586	0.8980000	0.9000000	1.9000000	60.0000000	90.0000000	90.0000000	336.1574715
14587	0.8980000	1.0000000	1.9000000	60.0000000	90.0000000	90.0000000	245.6752490
14588	0.8980000	1.1000000	1.9000000	60.0000000	90.0000000	90.0000000	223.0358994
14589	0.8980000	1.2000000	1.9000000	60.0000000	90.0000000	90.0000000	233.9408846
14590	0.8980000	1.3000000	1.9000000	60.0000000	90.0000000	90.0000000	259.2854275
14591	0.8980000	1.4000000	1.9000000	60.0000000	90.0000000	90.0000000	288.4412119
14592	0.8980000	1.5000000	1.9000000	60.0000000	90.0000000	90.0000000	315.7288379
14593	0.8980000	1.6000000	1.9000000	60.0000000	90.0000000	90.0000000	338.5293319

14594	0.8980000	1.7000000	1.9000000	60.0000000	90.0000000	90.0000000	356.0492708
14595	0.8980000	1.8000000	1.9000000	60.0000000	90.0000000	90.0000000	368.2757910
14596	0.8980000	2.0000000	1.9000000	60.0000000	90.0000000	90.0000000	380.0161795
14597	0.8980000	2.2000000	1.9000000	60.0000000	90.0000000	90.0000000	381.5411530
14598	0.8980000	2.4000000	1.9000000	60.0000000	90.0000000	90.0000000	378.3069065
14599	0.8980000	2.6000000	1.9000000	60.0000000	90.0000000	90.0000000	373.4585172
14600	0.8980000	2.8000000	1.9000000	60.0000000	90.0000000	90.0000000	368.4566392
14601	0.8980000	3.0000000	1.9000000	60.0000000	90.0000000	90.0000000	363.8639602
14602	0.8980000	3.5000000	1.9000000	60.0000000	90.0000000	90.0000000	354.9972513
14603	0.8980000	4.0000000	1.9000000	60.0000000	90.0000000	90.0000000	349.5526653
14604	0.8980000	4.5000000	1.9000000	60.0000000	90.0000000	90.0000000	346.5318975
14605	0.8980000	5.0000000	1.9000000	60.0000000	90.0000000	90.0000000	344.9892909
14606	0.8980000	5.5000000	1.9000000	60.0000000	90.0000000	90.0000000	344.2610661
14607	0.8980000	6.0000000	1.9000000	60.0000000	90.0000000	90.0000000	343.9432954
14608	0.8980000	7.0000000	1.9000000	60.0000000	90.0000000	90.0000000	343.7773191
14609	0.8980000	8.0000000	1.9000000	60.0000000	90.0000000	90.0000000	343.7802684
14610	0.8980000	9.0000000	1.9000000	60.0000000	90.0000000	90.0000000	343.8034862
14611	0.8980000	10.0000000	1.9000000	60.0000000	90.0000000	90.0000000	343.8232528
14612	0.8980000	0.8000000	2.0000000	60.0000000	90.0000000	90.0000000	526.5152315
14613	0.8980000	0.9000000	2.0000000	60.0000000	90.0000000	90.0000000	305.9179783
14614	0.8980000	1.0000000	2.0000000	60.0000000	90.0000000	90.0000000	215.9407125
14615	0.8980000	1.1000000	2.0000000	60.0000000	90.0000000	90.0000000	194.1294872
14616	0.8980000	1.2000000	2.0000000	60.0000000	90.0000000	90.0000000	206.1343082
14617	0.8980000	1.3000000	2.0000000	60.0000000	90.0000000	90.0000000	232.8268043
14618	0.8980000	1.4000000	2.0000000	60.0000000	90.0000000	90.0000000	263.5789100
14619	0.8980000	1.5000000	2.0000000	60.0000000	90.0000000	90.0000000	292.7085273
14620	0.8980000	1.6000000	2.0000000	60.0000000	90.0000000	90.0000000	317.5244562
14621	0.8980000	1.7000000	2.0000000	60.0000000	90.0000000	90.0000000	337.1351941
14622	0.8980000	1.8000000	2.0000000	60.0000000	90.0000000	90.0000000	351.4671340
14623	0.8980000	2.0000000	2.0000000	60.0000000	90.0000000	90.0000000	366.6255038
14624	0.8980000	2.2000000	2.0000000	60.0000000	90.0000000	90.0000000	370.5131760
14625	0.8980000	2.4000000	2.0000000	60.0000000	90.0000000	90.0000000	369.1947159
14626	0.8980000	2.6000000	2.0000000	60.0000000	90.0000000	90.0000000	366.0089758
14627	0.8980000	2.8000000	2.0000000	60.0000000	90.0000000	90.0000000	362.4472320
14628	0.8980000	3.0000000	2.0000000	60.0000000	90.0000000	90.0000000	359.0787611
14629	0.8980000	3.5000000	2.0000000	60.0000000	90.0000000	90.0000000	352.4243369
14630	0.8980000	4.0000000	2.0000000	60.0000000	90.0000000	90.0000000	348.2569838
14631	0.8980000	4.5000000	2.0000000	60.0000000	90.0000000	90.0000000	345.9196992
14632	0.8980000	5.0000000	2.0000000	60.0000000	90.0000000	90.0000000	344.7180186
14633	0.8980000	5.5000000	2.0000000	60.0000000	90.0000000	90.0000000	344.1483027
14634	0.8980000	6.0000000	2.0000000	60.0000000	90.0000000	90.0000000	343.8999972
14635	0.8980000	7.0000000	2.0000000	60.0000000	90.0000000	90.0000000	343.7742443
14636	0.8980000	8.0000000	2.0000000	60.0000000	90.0000000	90.0000000	343.7825274
14637	0.8980000	9.0000000	2.0000000	60.0000000	90.0000000	90.0000000	343.8054943
14638	0.8980000	10.0000000	2.0000000	60.0000000	90.0000000	90.0000000	343.8246961
14639	0.8980000	0.8000000	2.2000000	60.0000000	90.0000000	90.0000000	488.4641866
14640	0.8980000	0.9000000	2.2000000	60.0000000	90.0000000	90.0000000	267.5111982
14641	0.8980000	1.0000000	2.2000000	60.0000000	90.0000000	90.0000000	177.7390026
14642	0.8980000	1.1000000	2.2000000	60.0000000	90.0000000	90.0000000	156.5935648
14643	0.8980000	1.2000000	2.2000000	60.0000000	90.0000000	90.0000000	169.6628929
14644	0.8980000	1.3000000	2.2000000	60.0000000	90.0000000	90.0000000	197.7869890
14645	0.8980000	1.4000000	2.2000000	60.0000000	90.0000000	90.0000000	230.3297558
14646	0.8980000	1.5000000	2.2000000	60.0000000	90.0000000	90.0000000	261.5996196
14647	0.8980000	1.6000000	2.2000000	60.0000000	90.0000000	90.0000000	288.8360409
14648	0.8980000	1.7000000	2.2000000	60.0000000	90.0000000	90.0000000	311.0215128
14649	0.8980000	1.8000000	2.2000000	60.0000000	90.0000000	90.0000000	328.0294041

14650	0.8980000	2.0000000	2.2000000	60.0000000	90.0000000	90.0000000	347.9845192
14651	0.8980000	2.2000000	2.2000000	60.0000000	90.0000000	90.0000000	355.2567264
14652	0.8980000	2.4000000	2.2000000	60.0000000	90.0000000	90.0000000	356.5750610
14653	0.8980000	2.6000000	2.2000000	60.0000000	90.0000000	90.0000000	355.6395699
14654	0.8980000	2.8000000	2.2000000	60.0000000	90.0000000	90.0000000	354.0259921
14655	0.8980000	3.0000000	2.2000000	60.0000000	90.0000000	90.0000000	352.3239354
14656	0.8980000	3.5000000	2.2000000	60.0000000	90.0000000	90.0000000	348.7278668
14657	0.8980000	4.0000000	2.2000000	60.0000000	90.0000000	90.0000000	346.3697490
14658	0.8980000	4.5000000	2.2000000	60.0000000	90.0000000	90.0000000	345.0192858
14659	0.8980000	5.0000000	2.2000000	60.0000000	90.0000000	90.0000000	344.3161615
14660	0.8980000	5.5000000	2.2000000	60.0000000	90.0000000	90.0000000	343.9810714
14661	0.8980000	6.0000000	2.2000000	60.0000000	90.0000000	90.0000000	343.8366187
14662	0.8980000	7.0000000	2.2000000	60.0000000	90.0000000	90.0000000	343.7716088
14663	0.8980000	8.0000000	2.2000000	60.0000000	90.0000000	90.0000000	343.7874220
14664	0.8980000	9.0000000	2.2000000	60.0000000	90.0000000	90.0000000	343.8096358
14665	0.8980000	10.0000000	2.2000000	60.0000000	90.0000000	90.0000000	343.8276453
14666	0.8980000	0.8000000	2.4000000	60.0000000	90.0000000	90.0000000	468.8429065
14667	0.8980000	0.9000000	2.4000000	60.0000000	90.0000000	90.0000000	247.3769292
14668	0.8980000	1.0000000	2.4000000	60.0000000	90.0000000	90.0000000	157.4161042
14669	0.8980000	1.1000000	2.4000000	60.0000000	90.0000000	90.0000000	136.3545645
14670	0.8980000	1.2000000	2.4000000	60.0000000	90.0000000	90.0000000	149.7498837
14671	0.8980000	1.3000000	2.4000000	60.0000000	90.0000000	90.0000000	178.4266902
14672	0.8980000	1.4000000	2.4000000	60.0000000	90.0000000	90.0000000	211.7431761
14673	0.8980000	1.5000000	2.4000000	60.0000000	90.0000000	90.0000000	244.0030617
14674	0.8980000	1.6000000	2.4000000	60.0000000	90.0000000	90.0000000	272.4175065
14675	0.8980000	1.7000000	2.4000000	60.0000000	90.0000000	90.0000000	295.9064411
14676	0.8980000	1.8000000	2.4000000	60.0000000	90.0000000	90.0000000	314.3107920
14677	0.8980000	2.0000000	2.4000000	60.0000000	90.0000000	90.0000000	337.0207991
14678	0.8980000	2.2000000	2.4000000	60.0000000	90.0000000	90.0000000	346.3231878
14679	0.8980000	2.4000000	2.4000000	60.0000000	90.0000000	90.0000000	349.1653664
14680	0.8980000	2.6000000	2.4000000	60.0000000	90.0000000	90.0000000	349.5072336
14681	0.8980000	2.8000000	2.4000000	60.0000000	90.0000000	90.0000000	349.0020257
14682	0.8980000	3.0000000	2.4000000	60.0000000	90.0000000	90.0000000	348.2580505
14683	0.8980000	3.5000000	2.4000000	60.0000000	90.0000000	90.0000000	346.4582906
14684	0.8980000	4.0000000	2.4000000	60.0000000	90.0000000	90.0000000	345.1938589
14685	0.8980000	4.5000000	2.4000000	60.0000000	90.0000000	90.0000000	344.4520173
14686	0.8980000	5.0000000	2.4000000	60.0000000	90.0000000	90.0000000	344.0613926
14687	0.8980000	5.5000000	2.4000000	60.0000000	90.0000000	90.0000000	343.8755871
14688	0.8980000	6.0000000	2.4000000	60.0000000	90.0000000	90.0000000	343.7982152
14689	0.8980000	7.0000000	2.4000000	60.0000000	90.0000000	90.0000000	343.7727383
14690	0.8980000	8.0000000	2.4000000	60.0000000	90.0000000	90.0000000	343.7927558
14691	0.8980000	9.0000000	2.4000000	60.0000000	90.0000000	90.0000000	343.8139029
14692	0.8980000	10.0000000	2.4000000	60.0000000	90.0000000	90.0000000	343.8306574
14693	0.8980000	0.8000000	2.6000000	60.0000000	90.0000000	90.0000000	458.9543613
14694	0.8980000	0.9000000	2.6000000	60.0000000	90.0000000	90.0000000	237.0612382
14695	0.8980000	1.0000000	2.6000000	60.0000000	90.0000000	90.0000000	146.8547432
14696	0.8980000	1.1000000	2.6000000	60.0000000	90.0000000	90.0000000	125.7017754
14697	0.8980000	1.2000000	2.6000000	60.0000000	90.0000000	90.0000000	139.1456639
14698	0.8980000	1.3000000	2.6000000	60.0000000	90.0000000	90.0000000	168.0041971
14699	0.8980000	1.4000000	2.6000000	60.0000000	90.0000000	90.0000000	201.6337475
14700	0.8980000	1.5000000	2.6000000	60.0000000	90.0000000	90.0000000	234.3367175
14701	0.8980000	1.6000000	2.6000000	60.0000000	90.0000000	90.0000000	263.3125323
14702	0.8980000	1.7000000	2.6000000	60.0000000	90.0000000	90.0000000	287.4502489
14703	0.8980000	1.8000000	2.6000000	60.0000000	90.0000000	90.0000000	306.5709019
14704	0.8980000	2.0000000	2.6000000	60.0000000	90.0000000	90.0000000	330.7980387
14705	0.8980000	2.2000000	2.6000000	60.0000000	90.0000000	90.0000000	341.2700423

14706	0.8980000	2.4000000	2.6000000	60.0000000	90.0000000	90.0000000	344.9677673
14707	0.8980000	2.6000000	2.6000000	60.0000000	90.0000000	90.0000000	346.0149552
14708	0.8980000	2.8000000	2.6000000	60.0000000	90.0000000	90.0000000	346.1226357
14709	0.8980000	3.0000000	2.6000000	60.0000000	90.0000000	90.0000000	345.9126083
14710	0.8980000	3.5000000	2.6000000	60.0000000	90.0000000	90.0000000	345.1306060
14711	0.8980000	4.0000000	2.6000000	60.0000000	90.0000000	90.0000000	344.4985785
14712	0.8980000	4.5000000	2.6000000	60.0000000	90.0000000	90.0000000	344.1141662
14713	0.8980000	5.0000000	2.6000000	60.0000000	90.0000000	90.0000000	343.9099119
14714	0.8980000	5.5000000	2.6000000	60.0000000	90.0000000	90.0000000	343.8145932
14715	0.8980000	6.0000000	2.6000000	60.0000000	90.0000000	90.0000000	343.7783231
14716	0.8980000	7.0000000	2.6000000	60.0000000	90.0000000	90.0000000	343.7766916
14717	0.8980000	8.0000000	2.6000000	60.0000000	90.0000000	90.0000000	343.7984034
14718	0.8980000	9.0000000	2.6000000	60.0000000	90.0000000	90.0000000	343.8181700
14719	0.8980000	10.0000000	2.6000000	60.0000000	90.0000000	90.0000000	343.8336067
14720	0.8980000	0.8000000	2.8000000	60.0000000	90.0000000	90.0000000	454.0643682
14721	0.8980000	0.9000000	2.8000000	60.0000000	90.0000000	90.0000000	231.8734290
14722	0.8980000	1.0000000	2.8000000	60.0000000	90.0000000	90.0000000	141.4690177
14723	0.8980000	1.1000000	2.8000000	60.0000000	90.0000000	90.0000000	120.2034746
14724	0.8980000	1.2000000	2.8000000	60.0000000	90.0000000	90.0000000	133.6131011
14725	0.8980000	1.3000000	2.8000000	60.0000000	90.0000000	90.0000000	162.5129872
14726	0.8980000	1.4000000	2.8000000	60.0000000	90.0000000	90.0000000	196.2594426
14727	0.8980000	1.5000000	2.8000000	60.0000000	90.0000000	90.0000000	229.1550581
14728	0.8980000	1.6000000	2.8000000	60.0000000	90.0000000	90.0000000	258.3944895
14729	0.8980000	1.7000000	2.8000000	60.0000000	90.0000000	90.0000000	282.8514203
14730	0.8980000	1.8000000	2.8000000	60.0000000	90.0000000	90.0000000	302.3358405
14731	0.8980000	2.0000000	2.8000000	60.0000000	90.0000000	90.0000000	327.3820026
14732	0.8980000	2.2000000	2.8000000	60.0000000	90.0000000	90.0000000	338.5110086
14733	0.8980000	2.4000000	2.8000000	60.0000000	90.0000000	90.0000000	342.6783617
14734	0.8980000	2.6000000	2.8000000	60.0000000	90.0000000	90.0000000	344.1053183
14735	0.8980000	2.8000000	2.8000000	60.0000000	90.0000000	90.0000000	344.5416257
14736	0.8980000	3.0000000	2.8000000	60.0000000	90.0000000	90.0000000	344.6192485
14737	0.8980000	3.5000000	2.8000000	60.0000000	90.0000000	90.0000000	344.3912116
14738	0.8980000	4.0000000	2.8000000	60.0000000	90.0000000	90.0000000	344.1087068
14739	0.8980000	4.5000000	2.8000000	60.0000000	90.0000000	90.0000000	343.9247838
14740	0.8980000	5.0000000	2.8000000	60.0000000	90.0000000	90.0000000	343.8265786
14741	0.8980000	5.5000000	2.8000000	60.0000000	90.0000000	90.0000000	343.7834687
14742	0.8980000	6.0000000	2.8000000	60.0000000	90.0000000	90.0000000	343.7709813
14743	0.8980000	7.0000000	2.8000000	60.0000000	90.0000000	90.0000000	343.7825274
14744	0.8980000	8.0000000	2.8000000	60.0000000	90.0000000	90.0000000	343.8041138
14745	0.8980000	9.0000000	2.8000000	60.0000000	90.0000000	90.0000000	343.8223743
14746	0.8980000	10.0000000	2.8000000	60.0000000	90.0000000	90.0000000	343.8365560
14747	0.8980000	0.8000000	3.0000000	60.0000000	90.0000000	90.0000000	451.6956454
14748	0.8980000	0.9000000	3.0000000	60.0000000	90.0000000	90.0000000	229.3192145
14749	0.8980000	1.0000000	3.0000000	60.0000000	90.0000000	90.0000000	138.7830261
14750	0.8980000	1.1000000	3.0000000	60.0000000	90.0000000	90.0000000	117.4312005
14751	0.8980000	1.2000000	3.0000000	60.0000000	90.0000000	90.0000000	130.7965248
14752	0.8980000	1.3000000	3.0000000	60.0000000	90.0000000	90.0000000	159.6933361
14753	0.8980000	1.4000000	3.0000000	60.0000000	90.0000000	90.0000000	193.4781951
14754	0.8980000	1.5000000	3.0000000	60.0000000	90.0000000	90.0000000	226.4546338
14755	0.8980000	1.6000000	3.0000000	60.0000000	90.0000000	90.0000000	255.8153628
14756	0.8980000	1.7000000	3.0000000	60.0000000	90.0000000	90.0000000	280.4265354
14757	0.8980000	1.8000000	3.0000000	60.0000000	90.0000000	90.0000000	300.0926196
14758	0.8980000	2.0000000	3.0000000	60.0000000	90.0000000	90.0000000	325.5726417
14759	0.8980000	2.2000000	3.0000000	60.0000000	90.0000000	90.0000000	337.0616500
14760	0.8980000	2.4000000	3.0000000	60.0000000	90.0000000	90.0000000	341.4800696
14761	0.8980000	2.6000000	3.0000000	60.0000000	90.0000000	90.0000000	343.1050682

14762	0.8980000	2.8000000	3.0000000	60.0000000	90.0000000	90.0000000	343.7114306
14763	0.8980000	3.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.9380243
14764	0.8980000	3.5000000	3.0000000	60.0000000	90.0000000	90.0000000	343.9994574
14765	0.8980000	4.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.9023190
14766	0.8980000	4.5000000	3.0000000	60.0000000	90.0000000	90.0000000	343.8262648
14767	0.8980000	5.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.7858532
14768	0.8980000	5.5000000	3.0000000	60.0000000	90.0000000	90.0000000	343.7713578
14769	0.8980000	6.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.7717343
14770	0.8980000	7.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.7893673
14771	0.8980000	8.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.8098241
14772	0.8980000	9.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.8265158
14773	0.8980000	10.0000000	3.0000000	60.0000000	90.0000000	90.0000000	343.8393798
14774	0.8980000	0.8000000	3.5000000	60.0000000	90.0000000	90.0000000	449.9470276
14775	0.8980000	0.9000000	3.5000000	60.0000000	90.0000000	90.0000000	227.3890582
14776	0.8980000	1.0000000	3.5000000	60.0000000	90.0000000	90.0000000	136.7171395
14777	0.8980000	1.1000000	3.5000000	60.0000000	90.0000000	90.0000000	115.2671086
14778	0.8980000	1.2000000	3.5000000	60.0000000	90.0000000	90.0000000	128.5690544
14779	0.8980000	1.3000000	3.5000000	60.0000000	90.0000000	90.0000000	157.4370003
14780	0.8980000	1.4000000	3.5000000	60.0000000	90.0000000	90.0000000	191.2285737
14781	0.8980000	1.5000000	3.5000000	60.0000000	90.0000000	90.0000000	224.2489380
14782	0.8980000	1.6000000	3.5000000	60.0000000	90.0000000	90.0000000	253.6906157
14783	0.8980000	1.7000000	3.5000000	60.0000000	90.0000000	90.0000000	278.4132340
14784	0.8980000	1.8000000	3.5000000	60.0000000	90.0000000	90.0000000	298.2186881
14785	0.8980000	2.0000000	3.5000000	60.0000000	90.0000000	90.0000000	324.0683133
14786	0.8980000	2.2000000	3.5000000	60.0000000	90.0000000	90.0000000	335.8784808
14787	0.8980000	2.4000000	3.5000000	60.0000000	90.0000000	90.0000000	340.5116343
14788	0.8980000	2.6000000	3.5000000	60.0000000	90.0000000	90.0000000	342.2990323
14789	0.8980000	2.8000000	3.5000000	60.0000000	90.0000000	90.0000000	343.0426310
14790	0.8980000	3.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.3895810
14791	0.8980000	3.5000000	3.5000000	60.0000000	90.0000000	90.0000000	343.6883382
14792	0.8980000	4.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.7466339
14793	0.8980000	4.5000000	3.5000000	60.0000000	90.0000000	90.0000000	343.7621962
14794	0.8980000	5.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.7707930
14795	0.8980000	5.5000000	3.5000000	60.0000000	90.0000000	90.0000000	343.7796409
14796	0.8980000	6.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.7891790
14797	0.8980000	7.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.8075023
14798	0.8980000	8.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.8234410
14799	0.8980000	9.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.8361795
14800	0.8980000	10.0000000	3.5000000	60.0000000	90.0000000	90.0000000	343.8457176
14801	0.8980000	0.8000000	4.0000000	60.0000000	90.0000000	90.0000000	449.7549468
14802	0.8980000	0.9000000	4.0000000	60.0000000	90.0000000	90.0000000	227.1612722
14803	0.8980000	1.0000000	4.0000000	60.0000000	90.0000000	90.0000000	136.4621824
14804	0.8980000	1.1000000	4.0000000	60.0000000	90.0000000	90.0000000	114.9911927
14805	0.8980000	1.2000000	4.0000000	60.0000000	90.0000000	90.0000000	128.2777018
14806	0.8980000	1.3000000	4.0000000	60.0000000	90.0000000	90.0000000	157.1352310
14807	0.8980000	1.4000000	4.0000000	60.0000000	90.0000000	90.0000000	190.9217843
14808	0.8980000	1.5000000	4.0000000	60.0000000	90.0000000	90.0000000	223.9428389
14809	0.8980000	1.6000000	4.0000000	60.0000000	90.0000000	90.0000000	253.3907290
14810	0.8980000	1.7000000	4.0000000	60.0000000	90.0000000	90.0000000	278.1242659
14811	0.8980000	1.8000000	4.0000000	60.0000000	90.0000000	90.0000000	297.9458469
14812	0.8980000	2.0000000	4.0000000	60.0000000	90.0000000	90.0000000	323.8545835
14813	0.8980000	2.2000000	4.0000000	60.0000000	90.0000000	90.0000000	335.7219172
14814	0.8980000	2.4000000	4.0000000	60.0000000	90.0000000	90.0000000	340.3908387
14815	0.8980000	2.6000000	4.0000000	60.0000000	90.0000000	90.0000000	342.2031488
14816	0.8980000	2.8000000	4.0000000	60.0000000	90.0000000	90.0000000	342.9672044
14817	0.8980000	3.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.3321638

14818	0.8980000	3.5000000	4.0000000	60.0000000	90.0000000	90.0000000	343.6672539
14819	0.8980000	4.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.7491440
14820	0.8980000	4.5000000	4.0000000	60.0000000	90.0000000	90.0000000	343.7776329
14821	0.8980000	5.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.7917518
14822	0.8980000	5.5000000	4.0000000	60.0000000	90.0000000	90.0000000	343.8017292
14823	0.8980000	6.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.8100123
14824	0.8980000	7.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.8236920
14825	0.8980000	8.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.8351755
14826	0.8980000	9.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.8442743
14827	0.8980000	10.0000000	4.0000000	60.0000000	90.0000000	90.0000000	343.8506749
14828	0.8980000	0.8000000	10.0000000	60.0000000	90.0000000	90.0000000	449.8581094
14829	0.8980000	0.9000000	10.0000000	60.0000000	90.0000000	90.0000000	227.2447310
14830	0.8980000	1.0000000	10.0000000	60.0000000	90.0000000	90.0000000	136.5369814
14831	0.8980000	1.1000000	10.0000000	60.0000000	90.0000000	90.0000000	115.0639210
14832	0.8980000	1.2000000	10.0000000	60.0000000	90.0000000	90.0000000	128.3523755
14833	0.8980000	1.3000000	10.0000000	60.0000000	90.0000000	90.0000000	157.2139835
14834	0.8980000	1.4000000	10.0000000	60.0000000	90.0000000	90.0000000	191.0048038
14835	0.8980000	1.5000000	10.0000000	60.0000000	90.0000000	90.0000000	224.0287449
14836	0.8980000	1.6000000	10.0000000	60.0000000	90.0000000	90.0000000	253.4767605
14837	0.8980000	1.7000000	10.0000000	60.0000000	90.0000000	90.0000000	278.2066578
14838	0.8980000	1.8000000	10.0000000	60.0000000	90.0000000	90.0000000	298.0220265
14839	0.8980000	2.0000000	10.0000000	60.0000000	90.0000000	90.0000000	323.9264962
14840	0.8980000	2.2000000	10.0000000	60.0000000	90.0000000	90.0000000	335.7953358
14841	0.8980000	2.4000000	10.0000000	60.0000000	90.0000000	90.0000000	340.4639436
14842	0.8980000	2.6000000	10.0000000	60.0000000	90.0000000	90.0000000	342.2751869
14843	0.8980000	2.8000000	10.0000000	60.0000000	90.0000000	90.0000000	343.0386149
14844	0.8980000	3.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.4034490
14845	0.8980000	3.5000000	10.0000000	60.0000000	90.0000000	90.0000000	343.7389155
14846	0.8980000	4.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8186720
14847	0.8980000	4.5000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8426428
14848	0.8980000	5.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8514907
14849	0.8980000	5.5000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8556322
14850	0.8980000	6.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8580168
14851	0.8980000	7.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8596483
14852	0.8980000	8.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8600876
14853	0.8980000	9.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8602758
14854	0.8980000	10.0000000	10.0000000	60.0000000	90.0000000	90.0000000	343.8603386
14855	1.2980000	0.8000000	1.0000000	60.0000000	90.0000000	90.0000000	1216.3200183
14856	1.2980000	0.9000000	1.0000000	60.0000000	90.0000000	90.0000000	878.8431014
14857	1.2980000	1.0000000	1.0000000	60.0000000	90.0000000	90.0000000	673.4665297
14858	1.2980000	1.1000000	1.0000000	60.0000000	90.0000000	90.0000000	542.6478726
14859	1.2980000	1.2000000	1.0000000	60.0000000	90.0000000	90.0000000	445.5868407
14860	1.2980000	1.3000000	1.0000000	60.0000000	90.0000000	90.0000000	387.8286725
14861	1.2980000	1.4000000	1.0000000	60.0000000	90.0000000	90.0000000	348.0495918
14862	1.2980000	1.5000000	1.0000000	60.0000000	90.0000000	90.0000000	320.6363385
14863	1.2980000	1.6000000	1.0000000	60.0000000	90.0000000	90.0000000	302.2470478
14864	1.2980000	1.7000000	1.0000000	60.0000000	90.0000000	90.0000000	290.7378966
14865	1.2980000	1.8000000	1.0000000	60.0000000	90.0000000	90.0000000	284.5661527
14866	1.2980000	2.0000000	1.0000000	60.0000000	90.0000000	90.0000000	283.5298835
14867	1.2980000	2.2000000	1.0000000	60.0000000	90.0000000	90.0000000	291.6201122
14868	1.2980000	2.4000000	1.0000000	60.0000000	90.0000000	90.0000000	303.9513008
14869	1.2980000	2.6000000	1.0000000	60.0000000	90.0000000	90.0000000	317.9150808
14870	1.2980000	2.8000000	1.0000000	60.0000000	90.0000000	90.0000000	332.7177156
14871	1.2980000	3.0000000	1.0000000	60.0000000	90.0000000	90.0000000	347.7705384
14872	1.2980000	3.5000000	1.0000000	60.0000000	90.0000000	90.0000000	331.2222978
14873	1.2980000	4.0000000	1.0000000	60.0000000	90.0000000	90.0000000	302.2885889

14874	1.2980000	4.5000000	1.0000000	60.0000000	90.0000000	90.0000000	285.5724268
14875	1.2980000	5.0000000	1.0000000	60.0000000	90.0000000	90.0000000	277.1065710
14876	1.2980000	5.5000000	1.0000000	60.0000000	90.0000000	90.0000000	273.1395189
14877	1.2980000	6.0000000	1.0000000	60.0000000	90.0000000	90.0000000	271.4047689
14878	1.2980000	7.0000000	1.0000000	60.0000000	90.0000000	90.0000000	270.4178221
14879	1.2980000	8.0000000	1.0000000	60.0000000	90.0000000	90.0000000	270.3066901
14880	1.2980000	9.0000000	1.0000000	60.0000000	90.0000000	90.0000000	270.3283392
14881	1.2980000	10.0000000	1.0000000	60.0000000	90.0000000	90.0000000	270.3540043
14882	1.2980000	0.8000000	1.1000000	60.0000000	90.0000000	90.0000000	1036.3254518
14883	1.2980000	0.9000000	1.1000000	60.0000000	90.0000000	90.0000000	724.5356980
14884	1.2980000	1.0000000	1.1000000	60.0000000	90.0000000	90.0000000	543.6904796
14885	1.2980000	1.1000000	1.1000000	60.0000000	90.0000000	90.0000000	435.6031022
14886	1.2980000	1.2000000	1.1000000	60.0000000	90.0000000	90.0000000	369.3516560
14887	1.2980000	1.3000000	1.1000000	60.0000000	90.0000000	90.0000000	328.0625366
14888	1.2980000	1.4000000	1.1000000	60.0000000	90.0000000	90.0000000	302.2400197
14889	1.2980000	1.5000000	1.1000000	60.0000000	90.0000000	90.0000000	286.4643061
14890	1.2980000	1.6000000	1.1000000	60.0000000	90.0000000	90.0000000	277.6022408
14891	1.2980000	1.7000000	1.1000000	60.0000000	90.0000000	90.0000000	273.7487051
14892	1.2980000	1.8000000	1.1000000	60.0000000	90.0000000	90.0000000	273.6217599
14893	1.2980000	2.0000000	1.1000000	60.0000000	90.0000000	90.0000000	280.9036936
14894	1.2980000	2.2000000	1.1000000	60.0000000	90.0000000	90.0000000	293.8750047
14895	1.2980000	2.4000000	1.1000000	60.0000000	90.0000000	90.0000000	309.0725312
14896	1.2980000	2.6000000	1.1000000	60.0000000	90.0000000	90.0000000	324.5723289
14897	1.2980000	2.8000000	1.1000000	60.0000000	90.0000000	90.0000000	339.7658392
14898	1.2980000	3.0000000	1.1000000	60.0000000	90.0000000	90.0000000	356.1769063
14899	1.2980000	3.5000000	1.1000000	60.0000000	90.0000000	90.0000000	324.0780397
14900	1.2980000	4.0000000	1.1000000	60.0000000	90.0000000	90.0000000	298.3865468
14901	1.2980000	4.5000000	1.1000000	60.0000000	90.0000000	90.0000000	283.7348281
14902	1.2980000	5.0000000	1.1000000	60.0000000	90.0000000	90.0000000	276.3007861
14903	1.2980000	5.5000000	1.1000000	60.0000000	90.0000000	90.0000000	272.8073781
14904	1.2980000	6.0000000	1.1000000	60.0000000	90.0000000	90.0000000	271.2755020
14905	1.2980000	7.0000000	1.1000000	60.0000000	90.0000000	90.0000000	270.4019461
14906	1.2980000	8.0000000	1.1000000	60.0000000	90.0000000	90.0000000	270.3069411
14907	1.2980000	9.0000000	1.1000000	60.0000000	90.0000000	90.0000000	270.3297825
14908	1.2980000	10.0000000	1.1000000	60.0000000	90.0000000	90.0000000	270.3549456
14909	1.2980000	0.8000000	1.2000000	60.0000000	90.0000000	90.0000000	917.6786588
14910	1.2980000	0.9000000	1.2000000	60.0000000	90.0000000	90.0000000	624.2182684
14911	1.2980000	1.0000000	1.2000000	60.0000000	90.0000000	90.0000000	462.3356333
14912	1.2980000	1.1000000	1.2000000	60.0000000	90.0000000	90.0000000	371.4144052
14913	1.2980000	1.2000000	1.2000000	60.0000000	90.0000000	90.0000000	319.8318086
14914	1.2980000	1.3000000	1.2000000	60.0000000	90.0000000	90.0000000	290.7865286
14915	1.2980000	1.4000000	1.2000000	60.0000000	90.0000000	90.0000000	275.1095221
14916	1.2980000	1.5000000	1.2000000	60.0000000	90.0000000	90.0000000	267.6727191
14917	1.2980000	1.6000000	1.2000000	60.0000000	90.0000000	90.0000000	265.5712526
14918	1.2980000	1.7000000	1.2000000	60.0000000	90.0000000	90.0000000	267.1026895
14919	1.2980000	1.8000000	1.2000000	60.0000000	90.0000000	90.0000000	271.1825050
14920	1.2980000	2.0000000	1.2000000	60.0000000	90.0000000	90.0000000	284.1135928
14921	1.2980000	2.2000000	1.2000000	60.0000000	90.0000000	90.0000000	300.1876245
14922	1.2980000	2.4000000	1.2000000	60.0000000	90.0000000	90.0000000	316.9599487
14923	1.2980000	2.6000000	1.2000000	60.0000000	90.0000000	90.0000000	333.0723840
14924	1.2980000	2.8000000	1.2000000	60.0000000	90.0000000	90.0000000	357.2680826
14925	1.2980000	3.0000000	1.2000000	60.0000000	90.0000000	90.0000000	347.6414597
14926	1.2980000	3.5000000	1.2000000	60.0000000	90.0000000	90.0000000	317.0557067
14927	1.2980000	4.0000000	1.2000000	60.0000000	90.0000000	90.0000000	294.6511084
14928	1.2980000	4.5000000	1.2000000	60.0000000	90.0000000	90.0000000	281.9767348
14929	1.2980000	5.0000000	1.2000000	60.0000000	90.0000000	90.0000000	275.5280082

14930	1.2980000	5.5000000	1.2000000	60.0000000	90.0000000	90.0000000	272.4880385
14931	1.2980000	6.0000000	1.2000000	60.0000000	90.0000000	90.0000000	271.1509413
14932	1.2980000	7.0000000	1.2000000	60.0000000	90.0000000	90.0000000	270.3868230
14933	1.2980000	8.0000000	1.2000000	60.0000000	90.0000000	90.0000000	270.3075059
14934	1.2980000	9.0000000	1.2000000	60.0000000	90.0000000	90.0000000	270.3312885
14935	1.2980000	10.0000000	1.2000000	60.0000000	90.0000000	90.0000000	270.3559496
14936	1.2980000	0.8000000	1.3000000	60.0000000	90.0000000	90.0000000	830.4576029
14937	1.2980000	0.9000000	1.3000000	60.0000000	90.0000000	90.0000000	554.5226109
14938	1.2980000	1.0000000	1.3000000	60.0000000	90.0000000	90.0000000	407.3423973
14939	1.2980000	1.1000000	1.3000000	60.0000000	90.0000000	90.0000000	329.7384262
14940	1.2980000	1.2000000	1.3000000	60.0000000	90.0000000	90.0000000	289.6755230
14941	1.2980000	1.3000000	1.3000000	60.0000000	90.0000000	90.0000000	270.0508545
14942	1.2980000	1.4000000	1.3000000	60.0000000	90.0000000	90.0000000	261.8690095
14943	1.2980000	1.5000000	1.3000000	60.0000000	90.0000000	90.0000000	260.3735917
14944	1.2980000	1.6000000	1.3000000	60.0000000	90.0000000	90.0000000	262.9687825
14945	1.2980000	1.7000000	1.3000000	60.0000000	90.0000000	90.0000000	268.1730324
14946	1.2980000	1.8000000	1.3000000	60.0000000	90.0000000	90.0000000	275.0725618
14947	1.2980000	2.0000000	1.3000000	60.0000000	90.0000000	90.0000000	291.6511739
14948	1.2980000	2.2000000	1.3000000	60.0000000	90.0000000	90.0000000	309.5151136
14949	1.2980000	2.4000000	1.3000000	60.0000000	90.0000000	90.0000000	326.9421185
14950	1.2980000	2.6000000	1.3000000	60.0000000	90.0000000	90.0000000	343.2264286
14951	1.2980000	2.8000000	1.3000000	60.0000000	90.0000000	90.0000000	348.9772391
14952	1.2980000	3.0000000	1.3000000	60.0000000	90.0000000	90.0000000	338.1764832
14953	1.2980000	3.5000000	1.3000000	60.0000000	90.0000000	90.0000000	310.3731072
14954	1.2980000	4.0000000	1.3000000	60.0000000	90.0000000	90.0000000	291.1533078
14955	1.2980000	4.5000000	1.3000000	60.0000000	90.0000000	90.0000000	280.3282047
14956	1.2980000	5.0000000	1.3000000	60.0000000	90.0000000	90.0000000	274.8013522
14957	1.2980000	5.5000000	1.3000000	60.0000000	90.0000000	90.0000000	272.1869595
14958	1.2980000	6.0000000	1.3000000	60.0000000	90.0000000	90.0000000	271.0330950
14959	1.2980000	7.0000000	1.3000000	60.0000000	90.0000000	90.0000000	270.3727041
14960	1.2980000	8.0000000	1.3000000	60.0000000	90.0000000	90.0000000	270.3083216
14961	1.2980000	9.0000000	1.3000000	60.0000000	90.0000000	90.0000000	270.3329200
14962	1.2980000	10.0000000	1.3000000	60.0000000	90.0000000	90.0000000	270.3570791
14963	1.2980000	0.8000000	1.4000000	60.0000000	90.0000000	90.0000000	752.7188427
14964	1.2980000	0.9000000	1.4000000	60.0000000	90.0000000	90.0000000	497.3682322
14965	1.2980000	1.0000000	1.4000000	60.0000000	90.0000000	90.0000000	369.3446906
14966	1.2980000	1.1000000	1.4000000	60.0000000	90.0000000	90.0000000	303.0500717
14967	1.2980000	1.2000000	1.4000000	60.0000000	90.0000000	90.0000000	272.6161759
14968	1.2980000	1.3000000	1.4000000	60.0000000	90.0000000	90.0000000	260.5440860
14969	1.2980000	1.4000000	1.4000000	60.0000000	90.0000000	90.0000000	258.1874741
14970	1.2980000	1.5000000	1.4000000	60.0000000	90.0000000	90.0000000	261.0671779
14971	1.2980000	1.6000000	1.4000000	60.0000000	90.0000000	90.0000000	266.9406665
14972	1.2980000	1.7000000	1.4000000	60.0000000	90.0000000	90.0000000	274.6024944
14973	1.2980000	1.8000000	1.4000000	60.0000000	90.0000000	90.0000000	283.3204836
14974	1.2980000	2.0000000	1.4000000	60.0000000	90.0000000	90.0000000	302.0913000
14975	1.2980000	2.2000000	1.4000000	60.0000000	90.0000000	90.0000000	320.7985497
14976	1.2980000	2.4000000	1.4000000	60.0000000	90.0000000	90.0000000	338.5760185
14977	1.2980000	2.6000000	1.4000000	60.0000000	90.0000000	90.0000000	347.9781186
14978	1.2980000	2.8000000	1.4000000	60.0000000	90.0000000	90.0000000	339.1511310
14979	1.2980000	3.0000000	1.4000000	60.0000000	90.0000000	90.0000000	328.5779101
14980	1.2980000	3.5000000	1.4000000	60.0000000	90.0000000	90.0000000	304.1810948
14981	1.2980000	4.0000000	1.4000000	60.0000000	90.0000000	90.0000000	287.9430949
14982	1.2980000	4.5000000	1.4000000	60.0000000	90.0000000	90.0000000	278.8110750
14983	1.2980000	5.0000000	1.4000000	60.0000000	90.0000000	90.0000000	274.1303564
14984	1.2980000	5.5000000	1.4000000	60.0000000	90.0000000	90.0000000	271.9080943
14985	1.2980000	6.0000000	1.4000000	60.0000000	90.0000000	90.0000000	270.9237201

14986	1.2980000	7.0000000	1.4000000	60.0000000	90.0000000	90.0000000	270.3598401
14987	1.2980000	8.0000000	1.4000000	60.0000000	90.0000000	90.0000000	270.3093884
14988	1.2980000	9.0000000	1.4000000	60.0000000	90.0000000	90.0000000	270.3346770
14989	1.2980000	10.0000000	1.4000000	60.0000000	90.0000000	90.0000000	270.3582086
14990	1.2980000	0.8000000	1.5000000	60.0000000	90.0000000	90.0000000	686.4781268
14991	1.2980000	0.9000000	1.5000000	60.0000000	90.0000000	90.0000000	442.9733265
14992	1.2980000	1.0000000	1.5000000	60.0000000	90.0000000	90.0000000	328.0127124
14993	1.2980000	1.1000000	1.5000000	60.0000000	90.0000000	90.0000000	279.0783313
14994	1.2980000	1.2000000	1.5000000	60.0000000	90.0000000	90.0000000	262.4252966
14995	1.2980000	1.3000000	1.5000000	60.0000000	90.0000000	90.0000000	257.6705945
14996	1.2980000	1.4000000	1.5000000	60.0000000	90.0000000	90.0000000	260.4228511
14997	1.2980000	1.5000000	1.5000000	60.0000000	90.0000000	90.0000000	266.7940175
14998	1.2980000	1.6000000	1.5000000	60.0000000	90.0000000	90.0000000	275.0851120
14999	1.2980000	1.7000000	1.5000000	60.0000000	90.0000000	90.0000000	284.4078320
15000	1.2980000	1.8000000	1.5000000	60.0000000	90.0000000	90.0000000	294.2539577
15001	1.2980000	2.0000000	1.5000000	60.0000000	90.0000000	90.0000000	314.1760029
15002	1.2980000	2.2000000	1.5000000	60.0000000	90.0000000	90.0000000	334.0457139
15003	1.2980000	2.4000000	1.5000000	60.0000000	90.0000000	90.0000000	344.3451524
15004	1.2980000	2.6000000	1.5000000	60.0000000	90.0000000	90.0000000	338.0226807
15005	1.2980000	2.8000000	1.5000000	60.0000000	90.0000000	90.0000000	329.0035498
15006	1.2980000	3.0000000	1.5000000	60.0000000	90.0000000	90.0000000	319.3789977
15007	1.2980000	3.5000000	1.5000000	60.0000000	90.0000000	90.0000000	298.5733563
15008	1.2980000	4.0000000	1.5000000	60.0000000	90.0000000	90.0000000	285.0504017
15009	1.2980000	4.5000000	1.5000000	60.0000000	90.0000000	90.0000000	277.4390883
15010	1.2980000	5.0000000	1.5000000	60.0000000	90.0000000	90.0000000	273.5213584
15011	1.2980000	5.5000000	1.5000000	60.0000000	90.0000000	90.0000000	271.6540784
15012	1.2980000	6.0000000	1.5000000	60.0000000	90.0000000	90.0000000	270.8237579
15013	1.2980000	7.0000000	1.5000000	60.0000000	90.0000000	90.0000000	270.3484195
15014	1.2980000	8.0000000	1.5000000	60.0000000	90.0000000	90.0000000	270.3108317
15015	1.2980000	9.0000000	1.5000000	60.0000000	90.0000000	90.0000000	270.3365596
15016	1.2980000	10.0000000	1.5000000	60.0000000	90.0000000	90.0000000	270.3594009
15017	1.2980000	0.8000000	1.6000000	60.0000000	90.0000000	90.0000000	629.1709497
15018	1.2980000	0.9000000	1.6000000	60.0000000	90.0000000	90.0000000	393.0024253
15019	1.2980000	1.0000000	1.6000000	60.0000000	90.0000000	90.0000000	285.8640305
15020	1.2980000	1.1000000	1.6000000	60.0000000	90.0000000	90.0000000	246.2982403
15021	1.2980000	1.2000000	1.6000000	60.0000000	90.0000000	90.0000000	240.6958358
15022	1.2980000	1.3000000	1.6000000	60.0000000	90.0000000	90.0000000	250.2236259
15023	1.2980000	1.4000000	1.6000000	60.0000000	90.0000000	90.0000000	264.8095188
15024	1.2980000	1.5000000	1.6000000	60.0000000	90.0000000	90.0000000	274.7334557
15025	1.2980000	1.6000000	1.6000000	60.0000000	90.0000000	90.0000000	285.3367970
15026	1.2980000	1.7000000	1.6000000	60.0000000	90.0000000	90.0000000	295.9692548
15027	1.2980000	1.8000000	1.6000000	60.0000000	90.0000000	90.0000000	306.5314942
15028	1.2980000	2.0000000	1.6000000	60.0000000	90.0000000	90.0000000	332.5584537
15029	1.2980000	2.2000000	1.6000000	60.0000000	90.0000000	90.0000000	337.0455230
15030	1.2980000	2.4000000	1.6000000	60.0000000	90.0000000	90.0000000	334.3189315
15031	1.2980000	2.6000000	1.6000000	60.0000000	90.0000000	90.0000000	327.5238825
15032	1.2980000	2.8000000	1.6000000	60.0000000	90.0000000	90.0000000	319.2417614
15033	1.2980000	3.0000000	1.6000000	60.0000000	90.0000000	90.0000000	310.9167815
15034	1.2980000	3.5000000	1.6000000	60.0000000	90.0000000	90.0000000	293.5971435
15035	1.2980000	4.0000000	1.6000000	60.0000000	90.0000000	90.0000000	282.4877158
15036	1.2980000	4.5000000	1.6000000	60.0000000	90.0000000	90.0000000	276.2186451
15037	1.2980000	5.0000000	1.6000000	60.0000000	90.0000000	90.0000000	272.9774959
15038	1.2980000	5.5000000	1.6000000	60.0000000	90.0000000	90.0000000	271.4264180
15039	1.2980000	6.0000000	1.6000000	60.0000000	90.0000000	90.0000000	270.7338986
15040	1.2980000	7.0000000	1.6000000	60.0000000	90.0000000	90.0000000	270.3385048
15041	1.2980000	8.0000000	1.6000000	60.0000000	90.0000000	90.0000000	270.3124632

15042	1.2980000	9.0000000	1.6000000	60.0000000	90.0000000	90.0000000	270.3384421
15043	1.2980000	10.0000000	1.6000000	60.0000000	90.0000000	90.0000000	270.3606559
15044	1.2980000	0.8000000	1.7000000	60.0000000	90.0000000	90.0000000	576.4709470
15045	1.2980000	0.9000000	1.7000000	60.0000000	90.0000000	90.0000000	346.4153690
15046	1.2980000	1.0000000	1.7000000	60.0000000	90.0000000	90.0000000	245.5141673
15047	1.2980000	1.1000000	1.7000000	60.0000000	90.0000000	90.0000000	212.0080479
15048	1.2980000	1.2000000	1.7000000	60.0000000	90.0000000	90.0000000	212.2619382
15049	1.2980000	1.3000000	1.7000000	60.0000000	90.0000000	90.0000000	227.8001396
15050	1.2980000	1.4000000	1.7000000	60.0000000	90.0000000	90.0000000	248.4749453
15051	1.2980000	1.5000000	1.7000000	60.0000000	90.0000000	90.0000000	269.0934633
15052	1.2980000	1.6000000	1.7000000	60.0000000	90.0000000	90.0000000	287.4621088
15053	1.2980000	1.7000000	1.7000000	60.0000000	90.0000000	90.0000000	302.0237799
15054	1.2980000	1.8000000	1.7000000	60.0000000	90.0000000	90.0000000	312.2984946
15055	1.2980000	2.0000000	1.7000000	60.0000000	90.0000000	90.0000000	323.8592271
15056	1.2980000	2.2000000	1.7000000	60.0000000	90.0000000	90.0000000	326.8024976
15057	1.2980000	2.4000000	1.7000000	60.0000000	90.0000000	90.0000000	323.6159417
15058	1.2980000	2.6000000	1.7000000	60.0000000	90.0000000	90.0000000	317.4037235
15059	1.2980000	2.8000000	1.7000000	60.0000000	90.0000000	90.0000000	310.3015712
15060	1.2980000	3.0000000	1.7000000	60.0000000	90.0000000	90.0000000	303.3774434
15061	1.2980000	3.5000000	1.7000000	60.0000000	90.0000000	90.0000000	289.2613040
15062	1.2980000	4.0000000	1.7000000	60.0000000	90.0000000	90.0000000	280.2533428
15063	1.2980000	4.5000000	1.7000000	60.0000000	90.0000000	90.0000000	275.1498082
15064	1.2980000	5.0000000	1.7000000	60.0000000	90.0000000	90.0000000	272.4993964
15065	1.2980000	5.5000000	1.7000000	60.0000000	90.0000000	90.0000000	271.2254895
15066	1.2980000	6.0000000	1.7000000	60.0000000	90.0000000	90.0000000	270.6544558
15067	1.2980000	7.0000000	1.7000000	60.0000000	90.0000000	90.0000000	270.3302845
15068	1.2980000	8.0000000	1.7000000	60.0000000	90.0000000	90.0000000	270.3144712
15069	1.2980000	9.0000000	1.7000000	60.0000000	90.0000000	90.0000000	270.3403874
15070	1.2980000	10.0000000	1.7000000	60.0000000	90.0000000	90.0000000	270.3619109
15071	1.2980000	0.8000000	1.8000000	60.0000000	90.0000000	90.0000000	530.2393120
15072	1.2980000	0.9000000	1.8000000	60.0000000	90.0000000	90.0000000	304.1966570
15073	1.2980000	1.0000000	1.8000000	60.0000000	90.0000000	90.0000000	207.7513374
15074	1.2980000	1.1000000	1.8000000	60.0000000	90.0000000	90.0000000	178.8577264
15075	1.2980000	1.2000000	1.8000000	60.0000000	90.0000000	90.0000000	183.5868889
15076	1.2980000	1.3000000	1.8000000	60.0000000	90.0000000	90.0000000	203.2389795
15077	1.2980000	1.4000000	1.8000000	60.0000000	90.0000000	90.0000000	227.5738597
15078	1.2980000	1.5000000	1.8000000	60.0000000	90.0000000	90.0000000	251.2178519
15079	1.2980000	1.6000000	1.8000000	60.0000000	90.0000000	90.0000000	271.7406120
15080	1.2980000	1.7000000	1.8000000	60.0000000	90.0000000	90.0000000	288.1763402
15081	1.2980000	1.8000000	1.8000000	60.0000000	90.0000000	90.0000000	300.0791909
15082	1.2980000	2.0000000	1.8000000	60.0000000	90.0000000	90.0000000	312.9121361
15083	1.2980000	2.2000000	1.8000000	60.0000000	90.0000000	90.0000000	315.9912624
15084	1.2980000	2.4000000	1.8000000	60.0000000	90.0000000	90.0000000	313.3463099
15085	1.2980000	2.6000000	1.8000000	60.0000000	90.0000000	90.0000000	308.2014225
15086	1.2980000	2.8000000	1.8000000	60.0000000	90.0000000	90.0000000	302.4147811
15087	1.2980000	3.0000000	1.8000000	60.0000000	90.0000000	90.0000000	296.8357826
15088	1.2980000	3.5000000	1.8000000	60.0000000	90.0000000	90.0000000	285.5461969
15089	1.2980000	4.0000000	1.8000000	60.0000000	90.0000000	90.0000000	278.3341678
15090	1.2980000	4.5000000	1.8000000	60.0000000	90.0000000	90.0000000	274.2278085
15091	1.2980000	5.0000000	1.8000000	60.0000000	90.0000000	90.0000000	272.0852402
15092	1.2980000	5.5000000	1.8000000	60.0000000	90.0000000	90.0000000	271.0507280
15093	1.2980000	6.0000000	1.8000000	60.0000000	90.0000000	90.0000000	270.5852416
15094	1.2980000	7.0000000	1.8000000	60.0000000	90.0000000	90.0000000	270.3235701
15095	1.2980000	8.0000000	1.8000000	60.0000000	90.0000000	90.0000000	270.3166048
15096	1.2980000	9.0000000	1.8000000	60.0000000	90.0000000	90.0000000	270.3424581
15097	1.2980000	10.0000000	1.8000000	60.0000000	90.0000000	90.0000000	270.3632287

15098	1.2980000	0.8000000	1.9000000	60.0000000	90.0000000	90.0000000	492.2249136
15099	1.2980000	0.9000000	1.9000000	60.0000000	90.0000000	90.0000000	268.4845281
15100	1.2980000	1.0000000	1.9000000	60.0000000	90.0000000	90.0000000	174.8117335
15101	1.2980000	1.1000000	1.9000000	60.0000000	90.0000000	90.0000000	148.9795531
15102	1.2980000	1.2000000	1.9000000	60.0000000	90.0000000	90.0000000	156.8703592
15103	1.2980000	1.3000000	1.9000000	60.0000000	90.0000000	90.0000000	179.5991289
15104	1.2980000	1.4000000	1.9000000	60.0000000	90.0000000	90.0000000	206.7804548
15105	1.2980000	1.5000000	1.9000000	60.0000000	90.0000000	90.0000000	232.9455918
15106	1.2980000	1.6000000	1.9000000	60.0000000	90.0000000	90.0000000	255.5530638
15107	1.2980000	1.7000000	1.9000000	60.0000000	90.0000000	90.0000000	273.7062854
15108	1.2980000	1.8000000	1.9000000	60.0000000	90.0000000	90.0000000	287.1435851
15109	1.2980000	2.0000000	1.9000000	60.0000000	90.0000000	90.0000000	301.7863304
15110	1.2980000	2.2000000	1.9000000	60.0000000	90.0000000	90.0000000	305.7558926
15111	1.2980000	2.4000000	1.9000000	60.0000000	90.0000000	90.0000000	304.1145160
15112	1.2980000	2.6000000	1.9000000	60.0000000	90.0000000	90.0000000	300.1795296
15113	1.2980000	2.8000000	1.9000000	60.0000000	90.0000000	90.0000000	295.6591396
15114	1.2980000	3.0000000	1.9000000	60.0000000	90.0000000	90.0000000	291.2851476
15115	1.2980000	3.5000000	1.9000000	60.0000000	90.0000000	90.0000000	282.4118498
15116	1.2980000	4.0000000	1.9000000	60.0000000	90.0000000	90.0000000	276.7092948
15117	1.2980000	4.5000000	1.9000000	60.0000000	90.0000000	90.0000000	273.4437355
15118	1.2980000	5.0000000	1.9000000	60.0000000	90.0000000	90.0000000	271.7315759
15119	1.2980000	5.5000000	1.9000000	60.0000000	90.0000000	90.0000000	270.9008160
15120	1.2980000	6.0000000	1.9000000	60.0000000	90.0000000	90.0000000	270.5258791
15121	1.2980000	7.0000000	1.9000000	60.0000000	90.0000000	90.0000000	270.3184873
15122	1.2980000	8.0000000	1.9000000	60.0000000	90.0000000	90.0000000	270.3190521
15123	1.2980000	9.0000000	1.9000000	60.0000000	90.0000000	90.0000000	270.3445289
15124	1.2980000	10.0000000	1.9000000	60.0000000	90.0000000	90.0000000	270.3645465
15125	1.2980000	0.8000000	2.0000000	60.0000000	90.0000000	90.0000000	462.2716274
15126	1.2980000	0.9000000	2.0000000	60.0000000	90.0000000	90.0000000	239.7561404
15127	1.2980000	1.0000000	2.0000000	60.0000000	90.0000000	90.0000000	147.7107917
15128	1.2980000	1.1000000	2.0000000	60.0000000	90.0000000	90.0000000	123.7866792
15129	1.2980000	1.2000000	2.0000000	60.0000000	90.0000000	90.0000000	133.7516551
15130	1.2980000	1.3000000	2.0000000	60.0000000	90.0000000	90.0000000	158.6099410
15131	1.2980000	1.4000000	2.0000000	60.0000000	90.0000000	90.0000000	187.8771711
15132	1.2980000	1.5000000	2.0000000	60.0000000	90.0000000	90.0000000	216.0047813
15133	1.2980000	1.6000000	2.0000000	60.0000000	90.0000000	90.0000000	240.3716644
15134	1.2980000	1.7000000	2.0000000	60.0000000	90.0000000	90.0000000	260.0474749
15135	1.2980000	1.8000000	2.0000000	60.0000000	90.0000000	90.0000000	274.8593341
15136	1.2980000	2.0000000	2.0000000	60.0000000	90.0000000	90.0000000	291.5050897
15137	1.2980000	2.2000000	2.0000000	60.0000000	90.0000000	90.0000000	296.6964128
15138	1.2980000	2.4000000	2.0000000	60.0000000	90.0000000	90.0000000	296.1830473
15139	1.2980000	2.6000000	2.0000000	60.0000000	90.0000000	90.0000000	293.4060041
15140	1.2980000	2.8000000	2.0000000	60.0000000	90.0000000	90.0000000	290.0091699
15141	1.2980000	3.0000000	2.0000000	60.0000000	90.0000000	90.0000000	286.6650463
15142	1.2980000	3.5000000	2.0000000	60.0000000	90.0000000	90.0000000	279.8054893
15143	1.2980000	4.0000000	2.0000000	60.0000000	90.0000000	90.0000000	275.3525565
15144	1.2980000	4.5000000	2.0000000	60.0000000	90.0000000	90.0000000	272.7862938
15145	1.2980000	5.0000000	2.0000000	60.0000000	90.0000000	90.0000000	271.4336971
15146	1.2980000	5.5000000	2.0000000	60.0000000	90.0000000	90.0000000	270.7741219
15147	1.2980000	6.0000000	2.0000000	60.0000000	90.0000000	90.0000000	270.4758667
15148	1.2980000	7.0000000	2.0000000	60.0000000	90.0000000	90.0000000	270.3148477
15149	1.2980000	8.0000000	2.0000000	60.0000000	90.0000000	90.0000000	270.3216248
15150	1.2980000	9.0000000	2.0000000	60.0000000	90.0000000	90.0000000	270.3465997
15151	1.2980000	10.0000000	2.0000000	60.0000000	90.0000000	90.0000000	270.3659270
15152	1.2980000	0.8000000	2.2000000	60.0000000	90.0000000	90.0000000	422.0048464
15153	1.2980000	0.9000000	2.2000000	60.0000000	90.0000000	90.0000000	200.3036157

15154	1.2980000	1.0000000	2.2000000	60.0000000	90.0000000	90.0000000	109.6592447
15155	1.2980000	1.1000000	2.2000000	60.0000000	90.0000000	90.0000000	87.5745508
15156	1.2980000	1.2000000	2.2000000	60.0000000	90.0000000	90.0000000	99.6938295
15157	1.2980000	1.3000000	2.2000000	60.0000000	90.0000000	90.0000000	126.9133707
15158	1.2980000	1.4000000	2.2000000	60.0000000	90.0000000	90.0000000	158.6540549
15159	1.2980000	1.5000000	2.2000000	60.0000000	90.0000000	90.0000000	189.2809098
15160	1.2980000	1.6000000	2.2000000	60.0000000	90.0000000	90.0000000	216.0745603
15161	1.2980000	1.7000000	2.2000000	60.0000000	90.0000000	90.0000000	238.0152408
15162	1.2980000	1.8000000	2.2000000	60.0000000	90.0000000	90.0000000	254.9578084
15163	1.2980000	2.0000000	2.2000000	60.0000000	90.0000000	90.0000000	275.1677550
15164	1.2980000	2.2000000	2.2000000	60.0000000	90.0000000	90.0000000	282.7637572
15165	1.2980000	2.4000000	2.2000000	60.0000000	90.0000000	90.0000000	284.2420440
15166	1.2980000	2.6000000	2.2000000	60.0000000	90.0000000	90.0000000	283.3222406
15167	1.2980000	2.8000000	2.2000000	60.0000000	90.0000000	90.0000000	281.6420212
15168	1.2980000	3.0000000	2.2000000	60.0000000	90.0000000	90.0000000	279.8341037
15169	1.2980000	3.5000000	2.2000000	60.0000000	90.0000000	90.0000000	275.9380856
15170	1.2980000	4.0000000	2.2000000	60.0000000	90.0000000	90.0000000	273.3269560
15171	1.2980000	4.5000000	2.2000000	60.0000000	90.0000000	90.0000000	271.7985939
15172	1.2980000	5.0000000	2.2000000	60.0000000	90.0000000	90.0000000	270.9832081
15173	1.2980000	5.5000000	2.2000000	60.0000000	90.0000000	90.0000000	270.5817903
15174	1.2980000	6.0000000	2.2000000	60.0000000	90.0000000	90.0000000	270.4008166
15175	1.2980000	7.0000000	2.2000000	60.0000000	90.0000000	90.0000000	270.3116474
15176	1.2980000	8.0000000	2.2000000	60.0000000	90.0000000	90.0000000	270.3272724
15177	1.2980000	9.0000000	2.2000000	60.0000000	90.0000000	90.0000000	270.3508668
15178	1.2980000	10.0000000	2.2000000	60.0000000	90.0000000	90.0000000	270.3686880
15179	1.2980000	0.8000000	2.4000000	60.0000000	90.0000000	90.0000000	399.7447636
15180	1.2980000	0.9000000	2.4000000	60.0000000	90.0000000	90.0000000	177.9994818
15181	1.2980000	1.0000000	2.4000000	60.0000000	90.0000000	90.0000000	87.6718147
15182	1.2980000	1.1000000	2.4000000	60.0000000	90.0000000	90.0000000	66.1870199
15183	1.2980000	1.2000000	2.4000000	60.0000000	90.0000000	90.0000000	79.1315363
15184	1.2980000	1.3000000	2.4000000	60.0000000	90.0000000	90.0000000	107.3568497
15185	1.2980000	1.4000000	2.4000000	60.0000000	90.0000000	90.0000000	140.2477587
15186	1.2980000	1.5000000	2.4000000	60.0000000	90.0000000	90.0000000	172.1352802
15187	1.2980000	1.6000000	2.4000000	60.0000000	90.0000000	90.0000000	200.2542308
15188	1.2980000	1.7000000	2.4000000	60.0000000	90.0000000	90.0000000	223.5272393
15189	1.2980000	1.8000000	2.4000000	60.0000000	90.0000000	90.0000000	241.7906515
15190	1.2980000	2.0000000	2.4000000	60.0000000	90.0000000	90.0000000	264.4488892
15191	1.2980000	2.2000000	2.4000000	60.0000000	90.0000000	90.0000000	273.8097617
15192	1.2980000	2.4000000	2.4000000	60.0000000	90.0000000	90.0000000	276.6582155
15193	1.2980000	2.6000000	2.4000000	60.0000000	90.0000000	90.0000000	276.9449873
15194	1.2980000	2.8000000	2.4000000	60.0000000	90.0000000	90.0000000	276.3511751
15195	1.2980000	3.0000000	2.4000000	60.0000000	90.0000000	90.0000000	275.5064219
15196	1.2980000	3.5000000	2.4000000	60.0000000	90.0000000	90.0000000	273.4680201
15197	1.2980000	4.0000000	2.4000000	60.0000000	90.0000000	90.0000000	272.0218618
15198	1.2980000	4.5000000	2.4000000	60.0000000	90.0000000	90.0000000	271.1563379
15199	1.2980000	5.0000000	2.4000000	60.0000000	90.0000000	90.0000000	270.6877766
15200	1.2980000	5.5000000	2.4000000	60.0000000	90.0000000	90.0000000	270.4558491
15201	1.2980000	6.0000000	2.4000000	60.0000000	90.0000000	90.0000000	270.3534395
15202	1.2980000	7.0000000	2.4000000	60.0000000	90.0000000	90.0000000	270.3127770
15203	1.2980000	8.0000000	2.4000000	60.0000000	90.0000000	90.0000000	270.3332338
15204	1.2980000	9.0000000	2.4000000	60.0000000	90.0000000	90.0000000	270.3550711
15205	1.2980000	10.0000000	2.4000000	60.0000000	90.0000000	90.0000000	270.3713863
15206	1.2980000	0.8000000	2.6000000	60.0000000	90.0000000	90.0000000	387.9525428
15207	1.2980000	0.9000000	2.6000000	60.0000000	90.0000000	90.0000000	165.9618420
15208	1.2980000	1.0000000	2.6000000	60.0000000	90.0000000	90.0000000	75.6011680
15209	1.2980000	1.1000000	2.6000000	60.0000000	90.0000000	90.0000000	54.2546135

15210	1.2980000	1.2000000	2.6000000	60.0000000	90.0000000	90.0000000	67.4805052
15211	1.2980000	1.3000000	2.6000000	60.0000000	90.0000000	90.0000000	96.1104366
15212	1.2980000	1.4000000	2.6000000	60.0000000	90.0000000	90.0000000	129.5142719
15213	1.2980000	1.5000000	2.6000000	60.0000000	90.0000000	90.0000000	162.0090971
15214	1.2980000	1.6000000	2.6000000	60.0000000	90.0000000	90.0000000	190.8083933
15215	1.2980000	1.7000000	2.6000000	60.0000000	90.0000000	90.0000000	214.8029752
15216	1.2980000	1.8000000	2.6000000	60.0000000	90.0000000	90.0000000	233.8119314
15217	1.2980000	2.0000000	2.6000000	60.0000000	90.0000000	90.0000000	257.9554839
15218	1.2980000	2.2000000	2.6000000	60.0000000	90.0000000	90.0000000	268.4380924
15219	1.2980000	2.4000000	2.6000000	60.0000000	90.0000000	90.0000000	272.1277854
15220	1.2980000	2.6000000	2.6000000	60.0000000	90.0000000	90.0000000	273.1338085
15221	1.2980000	2.8000000	2.6000000	60.0000000	90.0000000	90.0000000	273.1815621
15222	1.2980000	3.0000000	2.6000000	60.0000000	90.0000000	90.0000000	272.9054578
15223	1.2980000	3.5000000	2.6000000	60.0000000	90.0000000	90.0000000	271.9704687
15224	1.2980000	4.0000000	2.6000000	60.0000000	90.0000000	90.0000000	271.2231677
15225	1.2980000	4.5000000	2.6000000	60.0000000	90.0000000	90.0000000	270.7595009
15226	1.2980000	5.0000000	2.6000000	60.0000000	90.0000000	90.0000000	270.5044183
15227	1.2980000	5.5000000	2.6000000	60.0000000	90.0000000	90.0000000	270.3791047
15228	1.2980000	6.0000000	2.6000000	60.0000000	90.0000000	90.0000000	270.3270842
15229	1.2980000	7.0000000	2.6000000	60.0000000	90.0000000	90.0000000	270.3170440
15230	1.2980000	8.0000000	2.6000000	60.0000000	90.0000000	90.0000000	270.3393206
15231	1.2980000	9.0000000	2.6000000	60.0000000	90.0000000	90.0000000	270.3592754
15232	1.2980000	10.0000000	2.6000000	60.0000000	90.0000000	90.0000000	270.3740846
15233	1.2980000	0.8000000	2.8000000	60.0000000	90.0000000	90.0000000	381.8901738
15234	1.2980000	0.9000000	2.8000000	60.0000000	90.0000000	90.0000000	159.6650982
15235	1.2980000	1.0000000	2.8000000	60.0000000	90.0000000	90.0000000	69.1921000
15236	1.2980000	1.1000000	2.8000000	60.0000000	90.0000000	90.0000000	47.8330580
15237	1.2980000	1.2000000	2.8000000	60.0000000	90.0000000	90.0000000	61.1323683
15238	1.2980000	1.3000000	2.8000000	60.0000000	90.0000000	90.0000000	89.9123373
15239	1.2980000	1.4000000	2.8000000	60.0000000	90.0000000	90.0000000	123.5363657
15240	1.2980000	1.5000000	2.8000000	60.0000000	90.0000000	90.0000000	156.3157664
15241	1.2980000	1.6000000	2.8000000	60.0000000	90.0000000	90.0000000	185.4539805
15242	1.2980000	1.7000000	2.8000000	60.0000000	90.0000000	90.0000000	209.8243777
15243	1.2980000	1.8000000	2.8000000	60.0000000	90.0000000	90.0000000	229.2355048
15244	1.2980000	2.0000000	2.8000000	60.0000000	90.0000000	90.0000000	254.2302739
15245	1.2980000	2.2000000	2.8000000	60.0000000	90.0000000	90.0000000	265.3808035
15246	1.2980000	2.4000000	2.8000000	60.0000000	90.0000000	90.0000000	269.5576320
15247	1.2980000	2.6000000	2.8000000	60.0000000	90.0000000	90.0000000	270.9701559
15248	1.2980000	2.8000000	2.8000000	60.0000000	90.0000000	90.0000000	271.3774095
15249	1.2980000	3.0000000	2.8000000	60.0000000	90.0000000	90.0000000	271.4202684
15250	1.2980000	3.5000000	2.8000000	60.0000000	90.0000000	90.0000000	271.1073922
15251	1.2980000	4.0000000	2.8000000	60.0000000	90.0000000	90.0000000	270.7581832
15252	1.2980000	4.5000000	2.8000000	60.0000000	90.0000000	90.0000000	270.5268831
15253	1.2980000	5.0000000	2.8000000	60.0000000	90.0000000	90.0000000	270.3979299
15254	1.2980000	5.5000000	2.8000000	60.0000000	90.0000000	90.0000000	270.3369361
15255	1.2980000	6.0000000	2.8000000	60.0000000	90.0000000	90.0000000	270.3156008
15256	1.2980000	7.0000000	2.8000000	60.0000000	90.0000000	90.0000000	270.3232564
15257	1.2980000	8.0000000	2.8000000	60.0000000	90.0000000	90.0000000	270.3453447
15258	1.2980000	9.0000000	2.8000000	60.0000000	90.0000000	90.0000000	270.3633542
15259	1.2980000	10.0000000	2.8000000	60.0000000	90.0000000	90.0000000	270.3765946
15260	1.2980000	0.8000000	3.0000000	60.0000000	90.0000000	90.0000000	378.8516474
15261	1.2980000	0.9000000	3.0000000	60.0000000	90.0000000	90.0000000	156.4586503
15262	1.2980000	1.0000000	3.0000000	60.0000000	90.0000000	90.0000000	65.8861918
15263	1.2980000	1.1000000	3.0000000	60.0000000	90.0000000	90.0000000	44.4837262
15264	1.2980000	1.2000000	3.0000000	60.0000000	90.0000000	90.0000000	57.7883703
15265	1.2980000	1.3000000	3.0000000	60.0000000	90.0000000	90.0000000	86.6181635

15266	1.2980000	1.4000000	3.0000000	60.0000000	90.0000000	90.0000000	120.3335573
15267	1.2980000	1.5000000	3.0000000	60.0000000	90.0000000	90.0000000	153.2436683
15268	1.2980000	1.6000000	3.0000000	60.0000000	90.0000000	90.0000000	182.5470429
15269	1.2980000	1.7000000	3.0000000	60.0000000	90.0000000	90.0000000	207.1079519
15270	1.2980000	1.8000000	3.0000000	60.0000000	90.0000000	90.0000000	226.7288555
15271	1.2980000	2.0000000	3.0000000	60.0000000	90.0000000	90.0000000	252.1933154
15272	1.2980000	2.2000000	3.0000000	60.0000000	90.0000000	90.0000000	263.7241785
15273	1.2980000	2.4000000	3.0000000	60.0000000	90.0000000	90.0000000	268.1705224
15274	1.2980000	2.6000000	3.0000000	60.0000000	90.0000000	90.0000000	269.8016705
15275	1.2980000	2.8000000	3.0000000	60.0000000	90.0000000	90.0000000	270.4005028
15276	1.2980000	3.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.6132285
15277	1.2980000	3.5000000	3.0000000	60.0000000	90.0000000	90.0000000	270.6336853
15278	1.2980000	4.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.5010925
15279	1.2980000	4.5000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3989340
15280	1.2980000	5.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3416424
15281	1.2980000	5.5000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3177343
15282	1.2980000	6.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3140320
15283	1.2980000	7.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3304727
15284	1.2980000	8.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3511178
15285	1.2980000	9.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3672447
15286	1.2980000	10.0000000	3.0000000	60.0000000	90.0000000	90.0000000	270.3790419
15287	1.2980000	0.8000000	3.5000000	60.0000000	90.0000000	90.0000000	376.4968553
15288	1.2980000	0.9000000	3.5000000	60.0000000	90.0000000	90.0000000	153.9246415
15289	1.2980000	1.0000000	3.5000000	60.0000000	90.0000000	90.0000000	63.2343368
15290	1.2980000	1.1000000	3.5000000	60.0000000	90.0000000	90.0000000	41.7629078
15291	1.2980000	1.2000000	3.5000000	60.0000000	90.0000000	90.0000000	55.0413849
15292	1.2980000	1.3000000	3.5000000	60.0000000	90.0000000	90.0000000	83.8844186
15293	1.2980000	1.4000000	3.5000000	60.0000000	90.0000000	90.0000000	117.6508916
15294	1.2980000	1.5000000	3.5000000	60.0000000	90.0000000	90.0000000	150.6487910
15295	1.2980000	1.6000000	3.5000000	60.0000000	90.0000000	90.0000000	180.0734633
15296	1.2980000	1.7000000	3.5000000	60.0000000	90.0000000	90.0000000	204.7810841
15297	1.2980000	1.8000000	3.5000000	60.0000000	90.0000000	90.0000000	224.5703483
15298	1.2980000	2.0000000	3.5000000	60.0000000	90.0000000	90.0000000	250.4487763
15299	1.2980000	2.2000000	3.5000000	60.0000000	90.0000000	90.0000000	262.3292250
15300	1.2980000	2.4000000	3.5000000	60.0000000	90.0000000	90.0000000	267.0110731
15301	1.2980000	2.6000000	3.5000000	60.0000000	90.0000000	90.0000000	268.8245128
15302	1.2980000	2.8000000	3.5000000	60.0000000	90.0000000	90.0000000	269.5808499
15303	1.2980000	3.0000000	3.5000000	60.0000000	90.0000000	90.0000000	269.9333847
15304	1.2980000	3.5000000	3.5000000	60.0000000	90.0000000	90.0000000	270.2338990
15305	1.2980000	4.0000000	3.5000000	60.0000000	90.0000000	90.0000000	270.2894336
15306	1.2980000	4.5000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3027996
15307	1.2980000	5.0000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3105179
15308	1.2980000	5.5000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3195541
15309	1.2980000	6.0000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3297197
15310	1.2980000	7.0000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3487332
15311	1.2980000	8.0000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3641699
15312	1.2980000	9.0000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3759671
15313	1.2980000	10.0000000	3.5000000	60.0000000	90.0000000	90.0000000	270.3843130
15314	1.2980000	0.8000000	4.0000000	60.0000000	90.0000000	90.0000000	376.2054400
15315	1.2980000	0.9000000	4.0000000	60.0000000	90.0000000	90.0000000	153.5976463
15316	1.2980000	1.0000000	4.0000000	60.0000000	90.0000000	90.0000000	62.8829942
15317	1.2980000	1.1000000	4.0000000	60.0000000	90.0000000	90.0000000	41.3954383
15318	1.2980000	1.2000000	4.0000000	60.0000000	90.0000000	90.0000000	54.6645654
15319	1.2980000	1.3000000	4.0000000	60.0000000	90.0000000	90.0000000	83.5042733
15320	1.2980000	1.4000000	4.0000000	60.0000000	90.0000000	90.0000000	117.2731309
15321	1.2980000	1.5000000	4.0000000	60.0000000	90.0000000	90.0000000	150.2789997

15322	1.2980000	1.6000000	4.0000000	60.0000000	90.0000000	90.0000000	179.7170380
15323	1.2980000	1.7000000	4.0000000	60.0000000	90.0000000	90.0000000	204.4410994
15324	1.2980000	1.8000000	4.0000000	60.0000000	90.0000000	90.0000000	224.2508205
15325	1.2980000	2.0000000	4.0000000	60.0000000	90.0000000	90.0000000	250.1960782
15326	1.2980000	2.2000000	4.0000000	60.0000000	90.0000000	90.0000000	262.1392778
15327	1.2980000	2.4000000	4.0000000	60.0000000	90.0000000	90.0000000	266.8597806
15328	1.2980000	2.6000000	4.0000000	60.0000000	90.0000000	90.0000000	268.7005169
15329	1.2980000	2.8000000	4.0000000	60.0000000	90.0000000	90.0000000	269.4800092
15330	1.2980000	3.0000000	4.0000000	60.0000000	90.0000000	90.0000000	269.8535655
15331	1.2980000	3.5000000	4.0000000	60.0000000	90.0000000	90.0000000	270.1978172
15332	1.2980000	4.0000000	4.0000000	60.0000000	90.0000000	90.0000000	270.2832840
15333	1.2980000	4.5000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3140320
15334	1.2980000	5.0000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3299080
15335	1.2980000	5.5000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3410776
15336	1.2980000	6.0000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3501137
15337	1.2980000	7.0000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3639817
15338	1.2980000	8.0000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3747749
15339	1.2980000	9.0000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3828697
15340	1.2980000	10.0000000	4.0000000	60.0000000	90.0000000	90.0000000	270.3883290
15341	1.2980000	0.8000000	10.0000000	60.0000000	90.0000000	90.0000000	376.3036451
15342	1.2980000	0.9000000	10.0000000	60.0000000	90.0000000	90.0000000	153.6788461
15343	1.2980000	1.0000000	10.0000000	60.0000000	90.0000000	90.0000000	62.9589857
15344	1.2980000	1.1000000	10.0000000	60.0000000	90.0000000	90.0000000	41.4732495
15345	1.2980000	1.2000000	10.0000000	60.0000000	90.0000000	90.0000000	54.7484635
15346	1.2980000	1.3000000	10.0000000	60.0000000	90.0000000	90.0000000	83.5960151
15347	1.2980000	1.4000000	10.0000000	60.0000000	90.0000000	90.0000000	117.3723402
15348	1.2980000	1.5000000	10.0000000	60.0000000	90.0000000	90.0000000	150.3834800
15349	1.2980000	1.6000000	10.0000000	60.0000000	90.0000000	90.0000000	179.8231497
15350	1.2980000	1.7000000	10.0000000	60.0000000	90.0000000	90.0000000	204.5437600
15351	1.2980000	1.8000000	10.0000000	60.0000000	90.0000000	90.0000000	224.3460765
15352	1.2980000	2.0000000	10.0000000	60.0000000	90.0000000	90.0000000	250.2839296
15353	1.2980000	2.2000000	10.0000000	60.0000000	90.0000000	90.0000000	262.2261251
15354	1.2980000	2.4000000	10.0000000	60.0000000	90.0000000	90.0000000	266.9439295
15355	1.2980000	2.6000000	10.0000000	60.0000000	90.0000000	90.0000000	268.7818421
15356	1.2980000	2.8000000	10.0000000	60.0000000	90.0000000	90.0000000	269.5591381
15357	1.2980000	3.0000000	10.0000000	60.0000000	90.0000000	90.0000000	269.9313139
15358	1.2980000	3.5000000	10.0000000	60.0000000	90.0000000	90.0000000	270.2735576
15359	1.2980000	4.0000000	10.0000000	60.0000000	90.0000000	90.0000000	270.3547573
15360	1.2980000	5.5000000	10.0000000	60.0000000	90.0000000	90.0000000	270.3920313
15361	1.2980000	6.0000000	10.0000000	60.0000000	90.0000000	90.0000000	270.3944159
15362	1.2980000	7.0000000	10.0000000	60.0000000	90.0000000	90.0000000	270.3961102
15363	1.2980000	8.0000000	10.0000000	60.0000000	90.0000000	90.0000000	270.3965494
15364	1.2980000	9.0000000	10.0000000	60.0000000	90.0000000	90.0000000	270.3967377
15365	1.2980000	10.0000000	10.0000000	60.0000000	90.0000000	90.0000000	270.3968004
15366	1.1812000	0.7592010	1.8687300	168.4240000	110.5050000	0.0000000	911.9193138
15367	1.1812000	1.1416810	2.1073700	166.2760000	132.5720000	0.0000000	241.2118992
15368	1.1812000	1.5907510	2.3484500	164.5650000	143.6410000	0.0000000	251.3244028
15369	1.1812000	2.0633800	2.5911600	163.1750000	150.1930000	0.0000000	290.5594955
15370	1.1812000	2.5464860	2.8351100	162.0240000	154.5660000	0.0000000	301.8255500
15371	1.1812000	3.0350680	3.0800700	161.0550000	157.7240000	0.0000000	300.5075290
15372	1.1812000	4.0206640	3.5720800	159.5170000	162.0360000	0.0000000	298.6274476
15373	1.1812000	5.0119700	4.0660800	158.3520000	164.8810000	0.0000000	298.6378016
15374	1.1812000	1.3687340	1.6863100	157.3440000	94.2930000	0.0000000	262.2884991
15375	1.1812000	1.7415030	1.8911600	152.7450000	111.2830000	0.0000000	262.6313084
15376	1.1812000	2.1661560	2.1057700	149.0630000	122.7570000	0.0000000	286.0699161
15377	1.1812000	2.6175620	2.3274600	146.0730000	130.9230000	0.0000000	295.8125654

15378	1.1812000	3.0839960	2.5543800	143.6070000	137.0210000	0.0000000	297.9004150
15379	1.1812000	3.5595550	2.7852700	141.5470000	141.7510000	0.0000000	298.4215614
15380	1.1812000	4.5265030	3.2555300	138.3130000	148.6250000	0.0000000	298.6148346
15381	1.1812000	5.5052730	3.7334400	135.9020000	153.3890000	0.0000000	298.6443906
15382	1.1812000	1.9092490	1.3991900	147.5880000	84.1930000	0.0000000	294.0025151
15383	1.1812000	2.3227640	1.5476600	139.7480000	99.6860000	0.0000000	296.4877030
15384	1.1812000	2.7650020	1.7198100	133.3790000	111.3310000	0.0000000	299.4919052
15385	1.1812000	3.2241640	1.9092600	128.2190000	120.2900000	0.0000000	298.5392195
15386	1.1812000	3.6939460	2.1113500	124.0180000	127.3340000	0.0000000	298.4594634
15387	1.1812000	4.1707590	2.3227800	120.5660000	132.9820000	0.0000000	298.5311245
15388	1.1812000	5.1376290	2.7649900	115.2900000	141.4180000	0.0000000	298.6182236
15389	1.1812000	6.1151640	3.2241800	111.4910000	147.3720000	0.0000000	298.6470886
15390	1.3812000	0.7544870	2.0651000	169.5390000	94.2100000	0.0000000	871.7265795
15391	1.3812000	1.0597620	2.3022000	167.4560000	121.8780000	0.0000000	256.3040046
15392	1.3812000	1.4754460	2.5418000	165.7660000	136.3260000	0.0000000	275.8518034
15393	1.3812000	1.9315250	2.7832000	164.3670000	144.6840000	0.0000000	335.4133084
15394	1.3812000	2.4051260	3.0260000	163.1920000	150.1210000	0.0000000	355.2553463
15395	1.3812000	2.8876420	3.2699000	162.1930000	153.9700000	0.0000000	356.7270435
15396	1.3812000	3.8660280	3.7601000	160.5830000	159.1260000	0.0000000	356.9827537
15397	1.3812000	4.8532320	4.2526000	159.3460000	162.4730000	0.0000000	357.0382887
15398	1.3812000	1.4442690	1.8725000	159.7040000	84.3810000	0.0000000	276.6066149
15399	1.3812000	1.7735030	2.0710000	155.2790000	102.3090000	0.0000000	305.3380276
15400	1.3812000	2.1690350	2.2796000	151.6490000	114.8830000	0.0000000	339.2888753
15401	1.3812000	2.6007910	2.4959000	148.6360000	123.9820000	0.0000000	353.4268020
15402	1.3812000	3.0534430	2.7179500	146.1100000	130.8270000	0.0000000	356.1000430
15403	1.3812000	3.5189360	2.9445000	143.9680000	136.1600000	0.0000000	356.7686915
15404	1.3812000	4.4723280	3.4075000	140.5510000	143.9360000	0.0000000	357.0161687
15405	1.3812000	5.4424730	3.8796000	137.9580000	149.3460000	0.0000000	357.0514667
15406	1.3812000	2.0390470	1.5717000	151.4990000	75.8630000	0.0000000	332.5880092
15407	1.3812000	2.4305790	1.7052000	144.0950000	91.2760000	0.0000000	350.9353201
15408	1.3812000	2.8561710	1.8629000	137.8540000	103.2260000	0.0000000	357.6747712
15409	1.3812000	3.3026830	2.0390000	132.6400000	112.6390000	0.0000000	357.8823513
15410	1.3812000	3.7626740	2.2294000	128.2830000	120.1810000	0.0000000	357.0677187
15411	1.3812000	4.2317510	2.4305900	124.6280000	126.3220000	0.0000000	356.9427816
15412	1.3812000	5.1872650	2.8561500	118.9200000	135.6370000	0.0000000	357.0233537
15413	0.9812000	1.0188000	1.9812000	0.0000000	0.0000000	0.0000000	427.7013771
15414	0.9812000	1.5188000	2.2312000	0.0000000	0.0000000	0.0000000	394.8426593
15415	0.9812000	2.0188000	2.4812000	0.0000000	0.0000000	0.0000000	445.4164715
15416	0.9812000	2.5188000	2.7312000	0.0000000	0.0000000	0.0000000	450.0762320
15417	0.9812000	3.0188000	2.9812000	0.0000000	0.0000000	0.0000000	449.2786674
15418	0.9812000	4.0188000	3.4812000	0.0000000	0.0000000	0.0000000	448.7343660
15419	0.9812000	5.0188000	3.9812000	0.0000000	0.0000000	0.0000000	448.7834370
15420	1.2302370	0.6252000	1.6247780	90.0000000	180.0000000	-180.0000000	1730.8489214
15421	1.2302370	1.1252000	1.8747780	90.0000000	180.0000000	-180.0000000	228.7138558
15422	1.2302370	1.6252000	2.1247780	90.0000000	180.0000000	-180.0000000	271.3528740
15423	1.2302370	2.1252000	2.3747780	90.0000000	180.0000000	-180.0000000	323.4360343
15424	1.2302370	2.6252000	2.6247780	90.0000000	180.0000000	-180.0000000	322.9566180
15425	1.2302370	3.1252000	2.8747780	90.0000000	180.0000000	-180.0000000	321.9935162
15426	1.2302370	4.1252000	3.3747780	90.0000000	180.0000000	-180.0000000	321.8082751
15427	1.2302370	5.1252000	3.8747780	90.0000000	180.0000000	-180.0000000	321.8417211
15428	1.2302370	0.8616720	1.5697470	103.8211560	133.3158620	-180.0000000	541.1266017
15429	1.2302370	1.3171480	1.8111860	106.0253240	146.6301840	-180.0000000	257.3994474
15430	1.2302370	1.7964630	2.0546740	107.7091100	153.6171800	-180.0000000	292.1472197
15431	1.2302370	2.2846620	2.2995600	109.0352260	157.9977730	-180.0000000	324.1372138
15432	1.2302370	2.7770640	2.5454400	110.1056310	161.0435530	-180.0000000	322.5006696
15433	1.2302370	3.2717710	2.7920520	110.9872090	163.3043870	-180.0000000	321.9687922

15434	1.2302370	4.2648900	3.2868120	112.3527450	166.4662350	-180.0000000	321.8190681
15435	1.2302370	5.2606170	3.7829500	113.3605510	168.5911220	-180.0000000	321.8479341
15436	1.2302370	0.8616720	1.5697470	101.9399590	133.3158620	-149.2657550	517.1002676
15437	1.2302370	1.3171480	1.8111860	103.8320640	146.6301840	-149.0070420	252.3266616
15438	1.2302370	1.7964630	2.0546740	105.2737750	153.6171800	-148.7812020	290.1723852
15439	1.2302370	2.2846620	2.2995600	106.4067020	157.9977730	-148.5856270	323.1737361
15440	1.2302370	2.7770640	2.5454400	107.3193890	161.0435530	-148.4160960	322.3306145
15441	1.2302370	3.2717710	2.7920520	108.0697920	163.3043870	-148.2684780	321.9217912
15442	1.2302370	4.2648900	3.2868120	109.2297010	166.4662350	-148.0252430	321.8190051
15443	1.2302370	5.2606170	3.7829500	110.0837210	168.5911220	-147.8340980	321.8484981
15444	1.2302370	0.8616720	1.5697470	96.8601320	133.3158620	-119.2764610	509.2355027
15445	1.2302370	1.3171480	1.8111860	97.9339310	146.6301840	-119.0265210	243.1761297
15446	1.2302370	1.7964630	2.0546740	98.7481960	153.6171800	-118.8104170	303.6884374
15447	1.2302370	2.2846620	2.2995600	99.3854080	157.9977730	-118.6248170	319.9174007
15448	1.2302370	2.7770640	2.5454400	99.8969110	161.0435530	-118.4650800	321.4125678
15449	1.2302370	3.2717710	2.7920520	100.3161630	163.3043870	-118.3268470	321.6885460
15450	1.2302370	4.2648900	3.2868120	100.9617630	166.4662350	-118.1007980	321.8337521
15451	1.2302370	5.2606170	3.7829500	101.4351080	168.5911220	-117.9246460	321.8535181
15452	1.2302370	0.8616720	1.5697470	89.9761110	133.3158620	-89.9028950	519.2088882
15453	1.2302370	1.3171480	1.8111860	89.9723940	146.6301840	-89.9038860	245.5379495
15454	1.2302370	1.7964630	2.0546740	89.9695820	153.6171800	-89.9047390	299.2917921
15455	1.2302370	2.2846620	2.2995600	89.9673850	157.9977730	-89.9054680	317.7860020
15456	1.2302370	2.7770640	2.5454400	89.9656250	161.0435530	-89.9060940	320.9199104
15457	1.2302370	3.2717710	2.7920520	89.9641840	163.3043870	-89.9066340	321.5341159
15458	1.2302370	4.2648900	3.2868120	89.9619690	166.4662350	-89.9075140	321.7873791
15459	1.2302370	5.2606170	3.7829500	89.9603480	168.5911220	-89.9081970	321.8297361
15460	1.2302370	1.3050190	1.4084810	117.4612490	111.9736230	-180.0000000	292.2063317
15461	1.2302370	1.7365700	1.6248120	122.2084090	126.3428010	-180.0000000	339.4299964
15462	1.2302370	2.1973340	1.8496510	125.8215590	135.6531270	-180.0000000	332.1159339
15463	1.2302370	2.6722420	2.0802410	128.6429490	142.1733270	-180.0000000	324.1585489
15464	1.2302370	3.1549130	2.3148640	130.8970000	147.0026030	-180.0000000	322.0909683
15465	1.2302370	3.6422620	2.5524090	132.7339170	150.7286080	-180.0000000	321.8080241
15466	1.2302370	4.6250700	3.0335090	135.5380500	156.1103620	-180.0000000	321.8286691
15467	1.2302370	5.6139540	3.5198820	137.5710560	159.8153690	-180.0000000	321.8562171
15468	1.2302370	1.3050190	1.4084810	113.5385750	111.9736230	-146.9493420	248.2769655
15469	1.2302370	1.7365700	1.6248120	117.4898800	126.3428010	-145.6921550	300.6768941
15470	1.2302370	2.1973340	1.8496510	120.4544010	135.6531270	-144.5477470	324.7642843
15471	1.2302370	2.6722420	2.0802410	122.7383030	142.1733270	-143.5283690	322.6266727
15472	1.2302370	3.1549130	2.3148640	124.5404490	147.0026030	-142.6272550	321.8324971
15473	1.2302370	3.6422620	2.5524090	125.9925570	150.7286080	-141.8315430	321.7726951
15474	1.2302370	4.6250700	3.0335090	128.1772260	156.1103620	-140.5021500	321.8288571
15475	1.2302370	5.6139540	3.5198820	129.7341290	159.8153690	-139.4448970	321.8568441
15476	1.2302370	1.3050190	1.4084810	103.3308850	111.9736230	-117.1258880	265.4413005
15477	1.2302370	1.7365700	1.6248120	105.4561160	126.3428010	-116.0357260	291.6071203
15478	1.2302370	2.1973340	1.8496510	107.0155600	135.6531270	-115.0862120	312.7240092
15479	1.2302370	2.6722420	2.0802410	108.1938300	142.1733270	-114.2725620	319.3596702
15480	1.2302370	3.1549130	2.3148640	109.1080470	147.0026030	-113.5770340	321.1341416
15481	1.2302370	3.6422620	2.5524090	109.8340670	150.7286080	-112.9804070	321.6158809
15482	1.2302370	4.6250700	3.0335090	110.9073530	156.1103620	-112.0182400	321.8053891
15483	1.2302370	5.6139540	3.5198820	111.6574910	159.8153690	-111.2821070	321.8373911
15484	1.2302370	1.3050190	1.4084810	89.9538850	111.9736230	-89.9112680	251.9379813
15485	1.2302370	1.7365700	1.6248120	89.9467000	126.3428010	-89.9153880	283.2646980
15486	1.2302370	2.1973340	1.8496510	89.9414740	135.6531270	-89.9189160	307.4075602
15487	1.2302370	2.6722420	2.0802410	89.9375530	142.1733270	-89.9218950	317.8026941
15488	1.2302370	3.1549130	2.3148640	89.9345300	147.0026030	-89.9244110	320.7933413
15489	1.2302370	3.6422620	2.5524090	89.9321410	150.7286080	-89.9265490	321.5476079

15490	1.2302370	4.6250700	3.0335090	89.9286280	156.1103620	-89.9299560	321.8023761
15491	1.2302370	5.6139540	3.5198820	89.9261890	159.8153690	-89.9325320	321.8373911
15492	1.2302370	1.7364550	1.1522740	130.6084940	100.3577580	-180.0000000	354.4253387
15493	1.2302370	2.1829510	1.3286220	138.8212960	115.1967270	-180.0000000	317.8543381
15494	1.2302370	2.6486360	1.5256920	145.0148250	125.7288620	-180.0000000	335.7479586
15495	1.2302370	3.1249440	1.7364430	149.7499040	133.4932200	-180.0000000	326.1105433
15496	1.2302370	3.6076690	1.9564600	153.4407770	139.4076150	-180.0000000	322.6452477
15497	1.2302370	4.0945420	2.1829420	156.3759720	144.0396190	-180.0000000	321.8994522
15498	1.2302370	5.0759510	2.6486290	160.7144970	150.7904750	-180.0000000	321.8252811
15499	1.2302370	6.0634380	3.1249380	163.7437120	155.4484370	-180.0000000	321.8522011
15500	1.2302370	1.7364550	1.1522740	124.3109890	100.3577580	-142.7471150	307.9556266
15501	1.2302370	2.1829510	1.3286220	130.6791440	115.1967270	-138.7529310	304.7369422
15502	1.2302370	2.6486360	1.5256920	135.1970930	125.7288620	-134.8015420	329.3119708
15503	1.2302370	3.1249440	1.7364430	138.4262990	133.4932200	-131.1068000	324.3791810
15504	1.2302370	3.6076690	1.9564600	140.7720480	139.4076150	-127.7556010	322.1965154
15505	1.2302370	4.0945420	2.1829420	142.5089040	144.0396190	-124.7641440	321.8254691
15506	1.2302370	5.0759510	2.6486290	144.8281490	150.7904750	-119.7718920	321.8264101
15507	1.2302370	6.0634380	3.1249380	146.2429210	155.4484370	-115.8669180	321.8540831
15508	1.2302370	1.7364550	1.1522740	108.9924400	100.3577580	-113.6683090	267.4119260
15509	1.2302370	2.1829510	1.3286220	112.1065290	115.1967270	-110.8134520	310.5424726
15510	1.2302370	2.6486360	1.5256920	114.1828640	125.7288620	-108.3162030	325.0936636
15511	1.2302370	3.1249440	1.7364430	115.5893000	133.4932200	-106.2173300	322.4777646
15512	1.2302370	3.6076690	1.9564600	116.5665080	139.4076150	-104.4746910	321.8361361
15513	1.2302370	4.0945420	2.1829420	117.2644030	144.0396190	-103.0269380	321.7715661
15514	1.2302370	5.0759510	2.6486290	118.1604480	150.7904750	-100.7958260	321.8288571
15515	1.2302370	6.0634380	3.1249380	118.6860270	155.4484370	-99.1807670	321.8574091
15516	1.2302370	1.7364550	1.1522740	89.9349110	100.3577580	-89.9240820	267.4119260
15517	1.2302370	2.1829510	1.3286220	89.9247340	115.1967270	-89.9341590	310.5424726
15518	1.2302370	2.6486360	1.5256920	89.9180700	125.7288620	-89.9426640	325.0936636
15519	1.2302370	3.1249440	1.7364430	89.9136170	133.4932200	-89.9496220	322.4777646
15520	1.2302370	3.6076690	1.9564600	89.9105530	139.4076150	-89.9552880	321.8361361
15521	1.2302370	4.0945420	2.1829420	89.9083810	144.0396190	-89.9599270	321.7715661
15522	1.2302370	5.0759510	2.6486290	89.9056120	150.7904750	-89.9669720	321.8288571
15523	1.2302370	6.0634380	3.1249380	89.9039980	155.4484370	-89.9720070	321.8574091
15524	1.2302370	2.0802580	0.8195440	142.4232360	91.0657980	-180.0000000	820.3078886
15525	1.2302370	2.5524250	0.9436410	156.5991720	109.3327470	-180.0000000	246.1937600
15526	1.2302370	3.0335250	1.1109740	167.0072680	122.5450150	-180.0000000	296.4130299
15527	1.2302370	3.5198970	1.3050170	174.5133570	132.0841420	-180.0000000	326.3164285
15528	1.2302370	4.0096230	1.5155440	179.9915890	139.1171770	0.0000000	323.2078721
15529	1.2302370	4.5016080	1.7365720	175.8648680	144.4464190	0.0000000	322.0482353
15530	1.2302370	5.4899250	2.1973370	170.1678540	151.9001270	0.0000000	321.8233981
15531	1.2302370	6.4818270	2.6722470	166.4691530	156.8187470	0.0000000	321.8486871
15532	1.2302370	2.0802580	0.8195440	133.3424360	91.0657980	-136.5668570	468.3147947
15533	1.2302370	2.5524250	0.9436410	142.6357890	109.3327470	-124.5242100	264.9654551
15534	1.2302370	3.0335250	1.1109740	147.5493520	122.5450150	-111.2765640	303.6463944
15535	1.2302370	3.5198970	1.3050170	149.5484150	132.0841420	-99.4032830	325.6741730
15536	1.2302370	4.0096230	1.5155440	149.9999990	139.1171770	-89.9854310	322.8023758
15537	1.2302370	4.5016080	1.7365720	149.7426560	144.4464190	-82.8808220	321.9456372
15538	1.2302370	5.4899250	2.1973370	148.5730280	151.9001270	-73.5234130	321.8299871
15539	1.2302370	6.4818270	2.6722470	147.3506560	156.8187470	-67.9399490	321.8538321
15540	1.2302370	2.0802580	0.8195440	113.3451110	91.0657980	-109.3962450	306.6234246
15541	1.2302370	2.5524250	0.9436410	117.3145010	109.3327470	-102.9147260	310.5168696
15542	1.2302370	3.0335250	1.1109740	119.1566650	122.5450150	-97.3958790	327.8752247
15543	1.2302370	3.5198970	1.3050170	119.8485610	132.0841420	-93.1596690	323.4411803
15544	1.2302370	4.0096230	1.5155440	120.0000000	139.1171770	-89.9951440	322.0107722
15545	1.2302370	4.5016080	1.7365720	119.9139230	144.4464190	-87.6160290	321.8097181

15546	1.2302370	5.4899250	2.1973370	119.5153110	151.9001270	-84.3694230	321.8324971
15547	1.2302370	6.4818270	2.6722470	119.0860120	156.8187470	-82.3069400	321.8580991
15548	1.2302370	2.0802580	0.8195440	89.9207460	91.0657980	-89.9390180	264.7605730
15549	1.2302370	2.5524250	0.9436410	89.9082250	109.3327470	-89.9602840	309.0062034
15550	1.2302370	3.0335250	1.1109740	89.9025600	122.5450150	-89.9775170	326.6298697
15551	1.2302370	3.5198970	1.3050170	89.9004580	132.0841420	-89.9904390	322.5049986
15552	1.2302370	4.0096230	1.5155440	89.9000000	139.1171770	-90.0000150	321.7714401
15553	1.2302370	4.5016080	1.7365720	89.9002600	144.4464190	-90.0072110	321.7425750
15554	1.2302370	5.4899250	2.1973370	89.9014690	151.9001270	-90.0170760	321.8116641
15555	1.2302370	6.4818270	2.6722470	89.9027760	156.8187470	-90.0233970	321.8389601
15556	1.2302370	2.2995810	0.4374540	149.0072160	78.0422600	-180.0000000	573.8435025
15557	1.2302370	2.7920730	0.5000770	178.9971850	109.9842290	-180.0000000	288.8783352
15558	1.2302370	3.2868330	0.6586250	161.6128430	130.7397530	0.0000000	304.6198491
15559	1.2302370	3.7829710	0.8616830	150.5039920	142.8564240	0.0000000	325.5708849
15560	1.2302370	4.2800080	1.0845310	143.7844920	150.3498630	0.0000000	322.7074958
15561	1.2302370	4.7776630	1.3171630	139.3943970	155.3527600	0.0000000	321.9147012
15562	1.2302370	5.7741900	1.7964790	134.0914310	161.5642010	0.0000000	321.8166211
15563	1.2302370	6.7717400	2.2846790	131.0370830	165.2594920	0.0000000	321.8292341
15564	1.2302370	2.2995810	0.4374540	137.9349650	78.0422600	-131.7292960	459.2232489
15565	1.2302370	2.7920730	0.5000770	149.9848040	109.9842290	-91.7363060	299.7698914
15566	1.2302370	3.2868330	0.6586250	145.2665940	130.7397530	-61.3499360	327.3963093
15567	1.2302370	3.7829710	0.8616830	138.9188700	142.8564240	-49.5425350	325.2391207
15568	1.2302370	4.2800080	1.0845310	134.3235720	150.3498630	-44.3391770	322.5113996
15569	1.2302370	4.7776630	1.3171630	131.1089630	155.3527600	-41.5753750	321.8724691
15570	1.2302370	5.7741900	1.7964790	127.0552700	161.5642010	-38.7941000	321.8193821
15571	1.2302370	6.7717400	2.2846790	124.6517300	165.2594920	-37.4314340	321.8504441
15572	1.2302370	2.2995810	0.4374540	115.3797650	78.0422600	-106.5569530	346.0776434
15573	1.2302370	2.7920730	0.5000770	119.9949340	109.9842290	-90.5789260	316.7207422
15574	1.2302370	3.2868330	0.6586250	118.3250670	130.7397530	-79.6785670	330.2348484
15575	1.2302370	3.7829710	0.8616830	115.7977030	142.8564240	-74.1313590	324.1529639
15576	1.2302370	4.2800080	1.0845310	113.7909150	150.3498630	-71.1648530	322.1111743
15577	1.2302370	4.7776630	1.3171630	112.3091450	155.3527600	-69.4054100	321.8060791
15578	1.2302370	5.7741900	1.7964790	110.3590880	161.5642010	-67.4776570	321.8242771
15579	1.2302370	6.7717400	2.2846790	109.1640280	165.2594920	-66.4675230	321.8542711
15580	1.2302370	2.2995810	0.4374540	89.9142770	78.0422600	-89.9485070	307.3365952
15581	1.2302370	2.7920730	0.5000770	89.9000150	109.9842290	-89.9982500	326.4755086
15582	1.2302370	3.2868330	0.6586250	89.9051050	130.7397530	-90.0315440	331.7616866
15583	1.2302370	3.7829710	0.8616830	89.9129610	142.8564240	-90.0492360	323.3924413
15584	1.2302370	4.2800080	1.0845310	89.9193200	150.3498630	-90.0590820	321.8673931
15585	1.2302370	4.7776630	1.3171630	89.9240790	155.3527600	-90.0650850	321.7451920
15586	1.2302370	5.7741900	1.7964790	89.9304190	161.5642010	-90.0718230	321.8083191
15587	1.2302370	6.7717400	2.2846790	89.9343450	165.2594920	-90.0754290	321.8370021
15588	1.2302370	2.3748000	0.1247780	90.0000000	180.0000000	-180.0000000	393.9839756
15589	1.2302370	2.8748000	0.1252220	90.0000000	180.0000000	0.0000000	365.6885062
15590	1.2302370	3.3748000	0.3752220	90.0000000	180.0000000	0.0000000	336.8432134
15591	1.2302370	3.8748000	0.6252220	90.0000000	180.0000000	0.0000000	325.9746242
15592	1.2302370	4.3748000	0.8752220	90.0000000	180.0000000	0.0000000	322.2658554
15593	1.2302370	4.8748000	1.1252220	90.0000000	180.0000000	0.0000000	321.8249671
15594	1.2302370	5.8748000	1.6252220	90.0000000	180.0000000	0.0000000	321.8247791
15595	1.2302370	6.8748000	2.1252220	90.0000000	180.0000000	0.0000000	321.8542091
15596	1.4000190	1.0045000	1.9955170	90.0000000	180.0000000	-180.0000000	256.4167047
15597	1.4000190	1.5045000	2.2455170	90.0000000	180.0000000	-180.0000000	298.8352787
15598	1.4000190	2.0045000	2.4955170	90.0000000	180.0000000	-180.0000000	352.1196810
15599	1.4000190	2.5045000	2.7455170	90.0000000	180.0000000	-180.0000000	353.8691143
15600	1.4000190	3.0045000	2.9955170	90.0000000	180.0000000	-180.0000000	352.5642713
15601	1.4000190	4.0045000	3.4955170	90.0000000	180.0000000	-180.0000000	352.3429491

15602	1.4000190	5.0045000	3.9955170	90.0000000	180.0000000	-180.0000000	352.3848042
15603	1.4000190	0.8090950	1.6872370	102.8416210	124.8756610	-180.0000000	595.3761127
15604	1.4000190	1.2419770	1.9275220	105.0344860	141.4080200	-180.0000000	249.2231253
15605	1.4000190	1.7118350	2.1700030	106.7393350	149.8352830	-180.0000000	326.7038528
15606	1.4000190	2.1950510	2.4140180	108.1005340	154.9941350	-180.0000000	354.3124506
15607	1.4000190	2.6844220	2.6591460	109.2113080	158.5255910	-180.0000000	353.2292428
15608	1.4000190	3.1771050	2.9051040	110.1342970	161.1207610	-180.0000000	352.4696432
15609	1.4000190	4.1677020	3.3987900	111.5786440	164.7194170	-180.0000000	352.3770232
15610	1.4000190	5.1619260	3.8940870	112.6561190	167.1226500	-180.0000000	352.4135442
15611	1.4000190	0.8090950	1.6872370	101.0975520	124.8756610	-149.3676240	581.2402070
15612	1.4000190	1.2419770	1.9275220	102.9821410	141.4080200	-149.1284480	244.9359170
15613	1.4000190	1.7118350	2.1700030	104.4438400	149.8352830	-148.9143060	324.7177853
15614	1.4000190	2.1950510	2.4140180	105.6084190	154.9941350	-148.7251180	352.6551354
15615	1.4000190	2.6844220	2.6591460	106.5569530	158.5255910	-148.5584620	352.8560005
15616	1.4000190	3.1771050	2.9051040	107.3438080	161.1207610	-148.4114100	352.4002402
15617	1.4000190	4.1677020	3.3987900	108.5725420	164.7194170	-148.1653260	352.3782782
15618	1.4000190	5.1619260	3.8940870	109.4869680	167.1226500	-147.9687550	352.4141712
15619	1.4000190	0.8090950	1.6872370	96.3803670	124.8756610	-119.3755810	571.9480470
15620	1.4000190	1.2419770	1.9275220	97.4522680	141.4080200	-119.1434910	239.0196325
15621	1.4000190	1.7118350	2.1700030	98.2798970	149.8352830	-118.9375500	319.3997053
15622	1.4000190	2.1950510	2.4140180	98.9366690	154.9941350	-118.7570480	347.5537335
15623	1.4000190	2.6844220	2.6591460	99.4697300	158.5255910	-118.5991510	351.5408035
15624	1.4000190	3.1771050	2.9051040	99.9105730	161.1207610	-118.4606800	352.1401380
15625	1.4000190	4.1677020	3.3987900	100.5963650	164.7194170	-118.2307230	352.3754542
15626	1.4000190	5.1619260	3.8940870	101.1045380	167.1226500	-118.0486060	352.3949072
15627	1.4000190	0.8090950	1.6872370	89.9777740	124.8756610	-89.9025010	568.9349348
15628	1.4000190	1.2419770	1.9275220	89.9740600	141.4080200	-89.9034230	236.6137607
15629	1.4000190	1.7118350	2.1700030	89.9711980	149.8352830	-89.9042370	315.1019560
15630	1.4000190	2.1950510	2.4140180	89.9689310	154.9941350	-89.9049490	344.8983015
15631	1.4000190	2.6844220	2.6591460	89.9670950	158.5255910	-89.9055690	350.8649760
15632	1.4000190	3.1771050	2.9051040	89.9655780	161.1207610	-89.9061110	351.9857079
15633	1.4000190	4.1677020	3.3987900	89.9632220	164.7194170	-89.9070090	352.3887572
15634	1.4000190	5.1619260	3.8940870	89.9614800	167.1226500	-89.9077170	352.4170582
15635	1.4000190	1.3220330	1.5166390	115.3573260	104.6554440	-180.0000000	273.6609797
15636	1.4000190	1.7320570	1.7281700	120.0743080	120.2231660	-180.0000000	336.7388594
15637	1.4000190	2.1799700	1.9488330	123.7435620	130.4478300	-180.0000000	358.4601628
15638	1.4000190	2.6466050	2.1758520	126.6571310	137.6461900	-180.0000000	354.7452430
15639	1.4000190	3.1235830	2.4074280	129.0153390	142.9933520	-180.0000000	352.6854434
15640	1.4000190	3.6068020	2.6423640	130.9570260	147.1278200	-180.0000000	352.3627782
15641	1.4000190	4.5840510	3.1192710	133.9549770	153.1147290	-180.0000000	352.3875022
15642	1.4000190	5.5693820	3.6024450	136.1534870	157.2484160	-180.0000000	352.4205092
15643	1.4000190	1.3220330	1.5166390	111.7702670	104.6554440	-147.4252480	238.6168342
15644	1.4000190	1.7320570	1.7281700	115.7207270	120.2231660	-146.2900990	305.0893525
15645	1.4000190	2.1799700	1.9488330	118.7544600	130.4478300	-145.2269350	350.6009828
15646	1.4000190	2.6466050	2.1758520	121.1338350	137.6461900	-144.2578730	352.9625516
15647	1.4000190	3.1235830	2.4074280	123.0374850	142.9933520	-143.3849900	352.3640962
15648	1.4000190	3.6068020	2.6423640	124.5881440	147.1278200	-142.6021470	352.3268221
15649	1.4000190	4.5840510	3.1192710	126.9488690	153.1147290	-141.2702830	352.3909532
15650	1.4000190	5.5693820	3.6024450	128.6510650	157.2484160	-140.1907090	352.4225802
15651	1.4000190	1.3220330	1.5166390	102.3645560	104.6554440	-117.5521830	260.4647057
15652	1.4000190	1.7320570	1.7281700	104.5107340	120.2231660	-116.5478690	305.8102980
15653	1.4000190	2.1799700	1.9488330	106.1252720	130.4478300	-115.6449750	340.1472399
15654	1.4000190	2.6466050	2.1758520	107.3682850	137.6461900	-114.8518460	349.2980848
15655	1.4000190	3.1235830	2.4074280	108.3465800	142.9933520	-114.1604390	351.5719276
15656	1.4000190	3.6068020	2.6423640	109.1320480	147.1278200	-113.5579600	352.1521860
15657	1.4000190	4.5840510	3.1192710	110.3067690	153.1147290	-112.5690430	352.3687392

15658	1.4000190	5.5693820	3.6024450	111.1369900	157.2484160	-111.7988020	352.4036292
15659	1.4000190	1.3220330	1.5166390	89.9571740	104.6554440	-89.9096350	252.9538571
15660	1.4000190	1.7320570	1.7281700	89.9498880	120.2231660	-89.9134620	305.1106875
15661	1.4000190	2.1799700	1.9488330	89.9444520	130.4478300	-89.9168470	335.1795612
15662	1.4000190	2.6466050	2.1758520	89.9402980	137.6461900	-89.9197780	347.5984756
15663	1.4000190	3.1235830	2.4074280	89.9370470	142.9933520	-89.9223020	351.1829353
15664	1.4000190	3.6068020	2.6423640	89.9344510	147.1278200	-89.9244800	352.0759439
15665	1.4000190	4.5840510	3.1192710	89.9305910	153.1147290	-89.9280110	352.3642212
15666	1.4000190	5.5693820	3.6024450	89.9278800	157.2484160	-89.9307270	352.4029392
15667	1.4000190	1.8002830	1.2464170	126.9935320	93.4226280	-180.0000000	380.7238216
15668	1.4000190	2.2340590	1.4110470	135.1287050	108.6668790	-180.0000000	329.9237292
15669	1.4000190	2.6909140	1.5979850	141.4656950	119.7532480	-180.0000000	342.6820639
15670	1.4000190	3.1608580	1.8002930	146.4286340	128.0710700	-180.0000000	357.2742949
15671	1.4000190	3.6388210	2.0133440	150.3658760	134.4886100	-180.0000000	353.2948179
15672	1.4000190	4.1220170	2.2340670	153.5377740	139.5622130	-180.0000000	352.4500652
15673	1.4000190	5.0981390	2.6909210	158.2872080	147.0268670	-180.0000000	352.3624022
15674	1.4000190	6.0820240	3.1608630	161.6421360	152.2216290	-180.0000000	352.3948442
15675	1.4000190	1.8002830	1.2464170	121.4066720	93.4226280	-144.1383630	304.1855498
15676	1.4000190	2.2340590	1.4110470	127.8608930	108.6668790	-140.7052710	320.1901789
15677	1.4000190	2.6909140	1.5979850	132.6435790	119.7532480	-137.1771530	353.9995114
15678	1.4000190	3.1608580	1.8002930	136.1842860	128.0710700	-133.7646290	355.1072532
15679	1.4000190	3.6388210	2.0133440	138.8291390	134.4886100	-130.5777140	352.8191655
15680	1.4000190	4.1220170	2.2340670	140.8313760	139.5622130	-127.6615050	352.3901372
15681	1.4000190	5.0981390	2.6909210	143.5698000	147.0268670	-122.6509140	352.3886312
15682	1.4000190	6.0820240	3.1608630	145.2806300	152.2216290	-118.6129690	352.4198812
15683	1.4000190	1.8002830	1.2464170	107.5094100	93.4226280	-114.7559220	262.3176791
15684	1.4000190	2.2340590	1.4110470	110.7534100	108.6668790	-112.1625520	319.5836284
15685	1.4000190	2.6909140	1.5979850	113.0240610	119.7532480	-109.7826160	352.5099293
15686	1.4000190	3.1608580	1.8002930	114.6200440	128.0710700	-107.7062230	353.0111837
15687	1.4000190	3.6388210	2.0133440	115.7598630	134.4886100	-105.9327940	352.4133552
15688	1.4000190	4.1220170	2.2340670	116.5907140	139.5622130	-104.4276990	352.3346031
15689	1.4000190	5.0981390	2.6909210	117.6794850	147.0268670	-102.0568130	352.3926472
15690	1.4000190	6.0820240	3.1608630	118.3303110	152.2216290	-100.3058970	352.4237722
15691	1.4000190	1.8002830	1.2464170	89.9398280	93.4226280	-89.9201300	245.2328552
15692	1.4000190	2.2340590	1.4110470	89.9291310	108.6668790	-89.9294480	319.2859382
15693	1.4000190	2.6909140	1.5979850	89.9217760	119.7532480	-89.9377020	352.1297840
15694	1.4000190	3.1608580	1.8002930	89.9166800	128.0710700	-89.9447020	352.4475552
15695	1.4000190	3.6388210	2.0133440	89.9130800	134.4886100	-89.9505540	352.2625651
15696	1.4000190	4.1220170	2.2340670	89.9104770	139.5622130	-89.9554390	352.2912421
15697	1.4000190	5.0981390	2.6909210	89.9070950	147.0268670	-89.9630050	352.3719402
15698	1.4000190	6.0820240	3.1608630	89.9050890	152.2216290	-89.9685050	352.4031272
15699	1.4000190	2.1758380	0.8982860	136.3081380	82.9655420	-180.0000000	1465.3726299
15700	1.4000190	2.6423510	0.9977660	150.2229220	101.1801960	-180.0000000	244.4391806
15701	1.4000190	3.1192580	1.1441840	161.1054970	115.0606970	-180.0000000	317.0835055
15702	1.4000190	3.6024330	1.3220360	169.2973760	125.4510620	-180.0000000	357.2713459
15703	1.4000190	4.0896540	1.5203290	175.4533570	133.2837000	-180.0000000	354.1541295
15704	1.4000190	4.5796310	1.7320570	179.8517180	139.2974460	0.0000000	352.6339254
15705	1.4000190	5.5649370	2.1799680	173.2961870	147.7915700	0.0000000	352.3574442
15706	1.4000190	6.5546950	2.6466020	169.0113110	153.4307690	0.0000000	352.3902002
15707	1.4000190	2.1758380	0.8982860	128.7697960	82.9655420	-140.1112900	605.1142441
15708	1.4000190	2.6423510	0.9977660	138.7360330	101.1801960	-130.7015500	266.8809906
15709	1.4000190	3.1192580	1.1441840	145.0208650	115.0606970	-119.2873780	334.2504705
15710	1.4000190	3.6024330	1.3220360	148.3162690	125.4510620	-107.8310080	356.5046543
15711	1.4000190	4.0896540	1.5203290	149.6891660	133.2837000	-97.8178730	353.5471401
15712	1.4000190	4.5796310	1.7320570	149.9996680	139.2974460	-89.7431700	352.5132553
15713	1.4000190	5.5649370	2.1799680	149.3282940	147.7915700	-78.5692400	352.3656022

15714	1.4000190	6.5546950	2.6466020	148.2276270	153.4307690	-71.7290910	352.3962242
15715	1.4000190	2.1758380	0.8982860	111.1943500	82.9655420	-111.7431940	301.9389411
15716	1.4000190	2.6423510	0.9977660	115.7205410	101.1801960	-105.9990580	314.7663638
15717	1.4000190	3.1192580	1.1441840	118.2329960	115.0606970	-100.5898410	349.5756951
15718	1.4000190	3.6024330	1.3220360	119.4262040	125.4510620	-96.1199100	354.3688007
15719	1.4000190	4.0896540	1.5203290	119.8959570	133.2837000	-92.6204230	352.6652374
15720	1.4000190	4.5796310	1.7320570	119.9998890	139.2974460	-89.9143890	352.3778382
15721	1.4000190	5.5649370	2.1799680	119.7740870	147.7915700	-86.1442080	352.3950952
15722	1.4000190	6.5546950	2.6466020	119.3953090	153.4307690	-83.7197730	352.4240232
15723	1.4000190	2.1758380	0.8982860	89.9276930	82.9655420	-89.9309220	256.2984826
15724	1.4000190	2.6423510	0.9977660	89.9132040	101.1801960	-89.9503370	315.1156980
15725	1.4000190	3.1192580	1.1441840	89.9053880	115.0606970	-89.9676170	353.4727800
15726	1.4000190	3.6024330	1.3220360	89.9017400	125.4510620	-89.9814290	353.4400240
15727	1.4000190	4.0896540	1.5203290	89.9003150	133.2837000	-89.9920730	352.4173092
15728	1.4000190	4.5796310	1.7320570	89.9000000	139.2974460	-90.0002590	352.3154011
15729	1.4000190	5.5649370	2.1799680	89.9006840	147.7915700	-90.0116740	352.3944672
15730	1.4000190	6.5546950	2.6466020	89.9018340	153.4307690	-90.0190620	352.4245252
15731	1.4000190	2.4140020	0.5102350	137.3034390	65.4041010	-180.0000000	707.8085547
15732	1.4000190	2.9050880	0.5164960	165.4803220	95.6147370	-180.0000000	297.1570675
15733	1.4000190	3.3987740	0.6310280	172.0740610	119.5046910	0.0000000	345.5789620
15734	1.4000190	3.8940710	0.8090890	157.9671040	134.6891140	0.0000000	356.2685851
15735	1.4000190	4.3904350	1.0178670	149.2762810	144.2140170	0.0000000	353.4360080
15736	1.4000190	4.8875400	1.2419670	143.6271140	150.5277160	0.0000000	352.4894723
15737	1.4000190	5.8832220	1.7118230	136.9044780	158.2422110	0.0000000	352.3573192
15738	1.4000190	6.8801570	2.1950390	133.1067090	162.7445620	0.0000000	352.3933382
15739	1.4000190	2.4140020	0.5102350	129.5305800	65.4041010	-139.5887960	517.6008320
15740	1.4000190	2.9050880	0.5164960	146.9679660	95.6147370	-113.4727410	306.1287582
15741	1.4000190	3.3987740	0.6310280	149.0651490	119.5046910	-76.5672560	346.1461045
15742	1.4000190	3.8940710	0.8090890	143.3962430	134.6891140	-56.9858170	356.0556720
15743	1.4000190	4.3904350	1.0178670	138.1136660	144.2140170	-48.4942970	353.1957348
15744	1.4000190	4.8875400	1.2419670	134.2109100	150.5277160	-44.2320650	352.4436012
15745	1.4000190	5.8832220	1.7118230	129.2263270	158.2422110	-40.1993830	352.3799722
15746	1.4000190	6.8801570	2.1950390	126.2853070	162.7445620	-38.3370060	352.4158652
15747	1.4000190	2.4140020	0.5102350	111.5601410	65.4041010	-111.3808500	327.0295300
15748	1.4000190	2.9050880	0.5164960	118.9489920	95.6147370	-98.2362980	318.9494679
15749	1.4000190	3.3987740	0.6310280	119.6844940	119.5046910	-85.4481380	353.8460853
15750	1.4000190	3.8940710	0.8090890	117.6121730	134.6891140	-77.7792630	355.2169423
15751	1.4000190	4.3904350	1.0178670	115.4561640	144.2140170	-73.5656500	352.7890455
15752	1.4000190	4.8875400	1.2419670	113.7400210	150.5277160	-71.0992780	352.3728812
15753	1.4000190	5.8832220	1.7118230	111.4142190	158.2422110	-68.4729790	352.3844902
15754	1.4000190	6.8801570	2.1950390	109.9792390	162.7445620	-67.1439350	352.4194422
15755	1.4000190	2.4140020	0.5102350	89.9265040	65.4041010	-89.9321880	280.6796730
15756	1.4000190	2.9050880	0.5164960	89.9031940	95.6147370	-89.9749290	322.0927253
15757	1.4000190	3.3987740	0.6310280	89.9009550	119.5046910	-90.0137890	357.9634884
15758	1.4000190	3.8940710	0.8090890	89.9073030	134.6891140	-90.0375140	354.5978419
15759	1.4000190	4.3904350	1.0178670	89.9140360	144.2140170	-90.0510900	352.6169824
15760	1.4000190	4.8875400	1.2419670	89.9194830	150.5277160	-90.0593040	352.3488472
15761	1.4000190	5.8832220	1.7118230	89.9269780	158.2422110	-90.0683220	352.3843022
15762	1.4000190	6.8801570	2.1950390	89.9316640	162.7445620	-90.0730080	352.4198812
15763	1.4000190	2.4955000	0.2455170	90.0000000	0.0000000	-180.0000000	359.5941346
15764	1.4000190	2.9955000	0.0044830	90.0000000	180.0000000	0.0000000	363.5246656
15765	1.4000190	3.4955000	0.2544830	90.0000000	180.0000000	0.0000000	364.7402775
15766	1.4000190	3.9955000	0.5044830	90.0000000	180.0000000	0.0000000	355.5040905
15767	1.4000190	4.4955000	0.7544830	90.0000000	180.0000000	0.0000000	353.4028119
15768	1.4000190	4.9955000	1.0044830	90.0000000	180.0000000	0.0000000	352.3939652
15769	1.4000190	5.9955000	1.5044830	90.0000000	180.0000000	0.0000000	352.3583232

15770	1.4000190	6.9955000	2.0044830	90.0000000	180.0000000	0.0000000	352.3968522
15771	1.0604560	0.9271280	1.4528370	102.9167260	140.9648380	-149.1374380	528.5551393
15772	1.0604560	1.3987790	1.6955140	104.7965380	151.5155460	-148.8587760	329.1982657
15773	1.0604560	1.8851000	1.9400500	106.2002790	157.2570540	-148.6224740	385.8052054
15774	1.0604560	2.3771030	2.1858240	107.2865480	160.9416430	-148.4223850	392.9052238
15775	1.0604560	2.8718690	2.4324590	108.1511720	163.5397180	-148.2520140	391.2127055
15776	1.0604560	3.3681820	2.6797170	108.8552210	165.4849090	-148.1058050	390.8328742
15777	1.0604560	4.3633340	3.1755230	109.9316420	168.2242930	-147.8689000	390.8011852
15778	1.0604560	5.3602910	3.6724650	110.7152440	170.0741310	-147.6859720	390.8288582
15779	1.0604560	0.9271280	1.4528370	97.4151490	140.9648380	-119.1521750	504.9608454
15780	1.0604560	1.3987790	1.6955140	98.4790610	151.5155460	-118.8844300	318.5693226
15781	1.0604560	1.8851000	1.9400500	99.2694890	157.2570540	-118.6596770	379.3735466
15782	1.0604560	2.3771030	2.1858240	99.8785360	160.9416430	-118.4709870	390.1011357
15783	1.0604560	2.8718690	2.4324590	100.3615570	163.5397180	-118.3114790	390.5476080
15784	1.0604560	3.3681820	2.6797170	100.7536640	165.4849090	-118.1754320	390.7047361
15785	1.0604560	4.3633340	3.1755230	101.3509460	168.2242930	-117.9566220	390.7994282
15786	1.0604560	5.3602910	3.6724650	101.7839880	170.0741310	-117.7890280	390.8299872
15787	1.0604560	0.9271280	1.4528370	89.9741880	140.9648380	-89.9033890	490.5219785
15788	1.0604560	1.3987790	1.6955140	89.9705100	151.5155460	-89.9044470	313.2711346
15789	1.0604560	1.8851000	1.9400500	89.9677840	157.2570540	-89.9053310	376.1347821
15790	1.0604560	2.3771030	2.1858240	89.9656880	160.9416430	-89.9060710	388.3948114
15791	1.0604560	2.8718690	2.4324590	89.9640280	163.5397180	-89.9066940	390.1670867
15792	1.0604560	3.3681820	2.6797170	89.9626830	165.4849090	-89.9072240	390.5754070
15793	1.0604560	4.3633340	3.1755230	89.9606360	168.2242930	-89.9080730	390.7730722
15794	1.0604560	5.3602910	3.6724650	89.9591560	170.0741310	-89.9087220	390.8104092
15795	1.0604560	1.2990440	1.3025800	115.5840950	119.7336760	-146.3338400	366.6694920
15796	1.0604560	1.7494330	1.5240520	119.4792990	132.7110390	-144.9451470	391.7359229
15797	1.0604560	2.2211520	1.7532140	122.3257630	141.0339530	-143.7221950	395.4086107
15798	1.0604560	2.7030570	1.9874050	124.4762610	146.8369020	-142.6609410	391.5459128
15799	1.0604560	3.1905350	2.2250400	126.1482900	151.1223750	-141.7422330	390.8003692
15800	1.0604560	3.6813740	2.4651210	127.4803500	154.4209350	-140.9446800	390.7602082
15801	1.0604560	4.6688880	2.9502320	129.4602920	159.1715080	-139.6380760	390.8126682
15802	1.0604560	5.6607880	3.4396090	130.8547830	162.4312060	-138.6198330	390.8367642
15803	1.0604560	1.2990440	1.3025800	104.4372930	119.7336760	-116.5857810	385.9440735
15804	1.0604560	1.7494330	1.5240520	106.5062120	132.7110390	-115.4114890	372.6109405
15805	1.0604560	2.2211520	1.7532140	107.9825830	141.0339530	-114.4250300	383.6428078
15806	1.0604560	2.7030570	1.9874050	109.0757320	146.8369020	-113.6026480	388.6527176
15807	1.0604560	3.1905350	2.2250400	109.9113450	151.1223750	-112.9144340	390.1685297
15808	1.0604560	3.6813740	2.4651210	110.5675510	154.4209350	-112.3338750	390.6110491
15809	1.0604560	4.6688880	2.9502320	111.5264740	159.1715080	-111.4147690	390.7850582
15810	1.0604560	5.6607880	3.4396090	112.1894480	162.4312060	-110.7244570	390.8160572
15811	1.0604560	1.2990440	1.3025800	89.9501360	119.7336760	-89.9133190	352.1674350
15812	1.0604560	1.7494330	1.5240520	89.9431760	132.7110390	-89.9177140	361.0106747
15813	1.0604560	2.2211520	1.7532140	89.9382540	141.0339530	-89.9213390	378.4767729
15814	1.0604560	2.7030570	1.9874050	89.9346360	146.8369020	-89.9243190	387.2484775
15815	1.0604560	3.1905350	2.2250400	89.9318870	151.1223750	-89.9267840	389.8593555
15816	1.0604560	3.6813740	2.4651210	89.9297380	154.4209350	-89.9288440	390.6042720
15817	1.0604560	4.6688880	2.9502320	89.9266140	159.1715080	-89.9320700	390.8105342
15818	1.0604560	5.6607880	3.4396090	89.9244660	162.4312060	-89.9344670	390.8375172
15819	1.0604560	1.6788440	1.0635540	127.6405660	108.1571380	-140.8445340	406.3622280
15820	1.0604560	2.1374090	1.2524570	133.7458940	122.3240640	-136.2014930	383.9854280
15821	1.0604560	2.6112290	1.4598450	137.8626560	132.1153650	-131.8188780	398.3011779
15822	1.0604560	3.0933020	1.6788830	140.6919690	139.2020560	-127.8817910	392.9988489
15823	1.0604560	3.5802960	1.9055570	142.6863210	144.5310940	-124.4277450	391.1074724
15824	1.0604560	4.0704440	2.1374400	144.1290720	148.6663650	-121.4277100	390.8104722
15825	1.0604560	5.0565320	2.6112540	146.0092510	154.6392600	-116.5736690	390.8096562

15826	1.0604560	6.0471910	3.0933230	147.1293600	158.7276820	-112.8913100	390.8339412
15827	1.0604560	1.6788440	1.0635540	110.6458900	108.1571380	-112.2620460	379.3270485
15828	1.0604560	2.1374090	1.2524570	113.5291360	122.3240640	-109.1682140	394.1771857
15829	1.0604560	2.6112290	1.4598450	115.3487900	132.1153650	-106.6062680	393.9081725
15830	1.0604560	3.0933020	1.6788830	116.5337950	139.2020560	-104.5378680	391.2780916
15831	1.0604560	3.5802960	1.9055570	117.3344190	144.5310940	-102.8697650	390.7588912
15832	1.0604560	4.0704440	2.1374400	117.8947920	148.6663650	-101.5130160	390.7335391
15833	1.0604560	5.0565320	2.6112540	118.6003480	154.6392600	-99.4658160	390.8024402
15834	1.0604560	6.0471910	3.0933230	119.0069290	158.7276820	-98.0115240	390.8331882
15835	1.0604560	1.6788440	1.0635540	89.9294820	108.1571380	-89.9290970	339.9452438
15836	1.0604560	2.1374090	1.2524570	89.9201570	122.3240640	-89.9397910	382.7460341
15837	1.0604560	2.6112290	1.4598450	89.9143740	132.1153650	-89.9483450	391.7034809
15838	1.0604560	3.0933020	1.6788830	89.9106550	139.2020560	-89.9550840	390.7226831
15839	1.0604560	3.5802960	1.9055570	89.9081630	144.5310940	-89.9604270	390.8746663
15840	1.0604560	4.0704440	2.1374400	89.9064300	148.6663650	-89.9647200	390.7735112
15841	1.0604560	5.0565320	2.6112540	89.9042610	154.6392600	-89.9711220	390.8132332
15842	1.0604560	6.0471910	3.0933230	89.9030170	158.7276820	-89.9756220	390.8372042
15843	1.0604560	1.9873390	0.7520520	89.9136340	100.5482030	-89.9495930	382.2166037
15844	1.0604560	2.4650590	0.9025300	89.9040450	118.2878250	-89.9718470	396.2767693
15845	1.0604560	2.9501720	1.0902010	89.9007030	130.4122260	-89.9881590	394.0868867
15846	1.0604560	3.4395520	1.2990450	89.9000000	138.8759480	-89.9996850	390.9878693
15847	1.0604560	3.9316050	1.5203600	89.9003170	145.0011730	-90.0079530	390.7140861
15848	1.0604560	4.4254400	1.7494210	89.9009930	149.5956130	-90.0140570	390.7576352
15849	1.0604560	5.4165040	2.2211320	89.9025240	155.9770760	-90.0223270	390.8100952
15850	1.0604560	6.4103440	2.7030330	89.9038830	160.1723520	-90.0275950	390.8365762
15851	1.0604560	2.1857410	0.3893070	89.9036750	94.4867700	-89.9731400	453.0218872
15852	1.0604560	2.6796360	0.5123770	89.9024160	124.5312310	-90.0218470	425.0502131
15853	1.0604560	3.1754420	0.7060460	89.9114790	140.9039590	-90.0465190	398.1461827
15854	1.0604560	3.6723850	0.9270770	89.9191010	150.1099260	-90.0587820	391.6390978
15855	1.0604560	4.1700600	1.1599320	89.9245650	155.8439920	-90.0656470	390.7256951
15856	1.0604560	4.6682310	1.3987180	89.9285060	159.7295120	-90.0699190	390.7166591
15857	1.0604560	5.6655400	1.8850340	89.9336880	164.6464610	-90.0748520	390.7925252
15858	1.0604560	6.6636560	2.3770350	89.9368960	167.6299580	-90.0775750	390.8350702
15859	2.1658820	1.0610000	1.1889390	90.0000000	179.9999990	-180.0000000	324.8534534
15860	2.1658820	1.5610000	1.4389390	90.0000000	180.0000000	-180.0000000	286.4672554
15861	2.1658820	2.0610000	1.6889390	90.0000000	180.0000000	-180.0000000	292.1666727
15862	2.1658820	2.5610000	1.9389390	90.0000000	180.0000000	-180.0000000	286.0594371
15863	2.1658820	3.0610000	2.1889390	90.0000000	180.0000000	-180.0000000	284.4570289
15864	2.1658820	3.5610000	2.4389390	90.0000000	180.0000000	-180.0000000	284.2825807
15865	2.1658820	4.5610000	2.9389390	90.0000000	180.0000000	-180.0000000	284.3229298
15866	2.1658820	5.5610000	3.4389390	90.0000000	179.9999990	-180.0000000	284.3491598
15867	2.1658820	1.1411250	1.1512450	109.0100700	157.9198720	-180.0000000	284.2486147
15868	2.1658820	1.6346190	1.3974730	110.9644520	163.2473470	-180.0000000	296.1550607
15869	2.1658820	2.1311490	1.6448390	112.3322140	166.4204890	-180.0000000	293.0010093
15870	2.1658820	2.6289940	1.8928980	113.3419510	168.5526360	-180.0000000	286.0676571
15871	2.1658820	3.1275270	2.1414080	114.1175240	170.0930120	-180.0000000	284.4814389
15872	2.1658820	3.6264640	2.3902290	114.7317190	171.2616400	-180.0000000	284.2905507
15873	2.1658820	4.6250260	2.8884820	115.6424190	172.9221860	-180.0000000	284.3226788
15874	2.1658820	5.6241000	3.3872490	116.2850460	174.0483110	-180.0000000	284.3491598
15875	2.1658820	1.1411250	1.1512450	106.3852330	157.9198720	-148.5894840	287.9223875
15876	2.1658820	1.6346190	1.3974730	108.0504360	163.2473470	-148.2723800	295.4916572
15877	2.1658820	2.1311490	1.6448390	109.2122850	166.4204890	-148.0290330	293.4616647
15878	2.1658820	2.6289940	1.8928980	110.0679750	168.5526360	-147.8377170	286.1115831
15879	2.1658820	3.1275270	2.1414080	110.7239800	170.0930120	-147.6838820	284.4889689
15880	2.1658820	3.6264640	2.3902290	111.2426830	171.2616400	-147.5577320	284.2938767
15881	2.1658820	4.6250260	2.8884820	112.0104290	172.9221860	-147.3635210	284.3242478

15882	2.1658820	5.6241000	3.3872490	112.5511620	174.0483110	-147.2212400	284.3497878
15883	2.1658820	1.1411250	1.1512450	99.3733560	157.9198720	-118.6284650	299.3406121
15884	2.1658820	1.6346190	1.3974730	100.3053640	163.2473470	-118.3304910	298.0896092
15885	2.1658820	2.1311490	1.6448390	100.9520930	166.4204890	-118.1043040	293.6416968
15886	2.1658820	2.6289940	1.8928980	101.4263960	168.5526360	-117.9279690	286.0995971
15887	2.1658820	3.1275270	2.1414080	101.7888070	170.0930120	-117.7871200	284.4873999
15888	2.1658820	3.6264640	2.3902290	102.0745940	171.2616400	-117.6722380	284.2970137
15889	2.1658820	4.6250260	2.8884820	102.4963050	172.9221860	-117.4964550	284.3270088
15890	2.1658820	5.6241000	3.3872490	102.7923680	174.0483110	-117.3684980	284.3511678
15891	2.1658820	1.1411250	1.1512450	89.9674270	157.9198720	-89.9054540	316.4383000
15892	2.1658820	1.6346190	1.3974730	89.9642210	163.2473470	-89.9066200	298.1576312
15893	2.1658820	2.1311490	1.6448390	89.9620020	166.4204890	-89.9075000	293.4487377
15894	2.1658820	2.6289940	1.8928980	89.9603780	168.5526360	-89.9081840	286.0539151
15895	2.1658820	3.1275270	2.1414080	89.9591390	170.0930120	-89.9087290	284.4791799
15896	2.1658820	3.6264640	2.3902290	89.9581630	171.2616400	-89.9091720	284.2972017
15897	2.1658820	4.6250260	2.8884820	89.9567250	172.9221860	-89.9098490	284.3282638
15898	2.1658820	5.6241000	3.3872490	89.9557160	174.0483110	-89.9103400	284.3519208
15899	2.1658820	1.3357470	1.0413310	128.5897000	142.0533520	-180.0000000	348.0931409
15900	2.1658820	1.8206380	1.2773430	132.6867440	150.6335460	-180.0000000	231.0970746
15901	2.1658820	2.3119730	1.5178410	135.4962970	156.0314860	-180.0000000	264.9343301
15902	2.1658820	2.8063720	1.7609870	137.5338370	159.7479150	-180.0000000	282.2271112
15903	2.1658820	3.3024570	2.0058190	139.0755430	162.4648860	-180.0000000	283.9921065
15904	2.1658820	3.7995690	2.2517870	140.2811620	164.5385320	-180.0000000	284.1874507
15905	2.1658820	4.7955940	2.7459080	142.0426600	167.4955930	-180.0000000	284.3169688
15906	2.1658820	5.7929890	3.2418330	143.2661010	169.5031610	-180.0000000	284.3501638
15907	2.1658820	1.3357470	1.0413310	122.6954780	142.0533520	-143.5486980	277.1555164
15908	2.1658820	1.8206380	1.2773430	125.9554650	150.6335460	-141.8526970	254.5201203
15909	2.1658820	2.3119730	1.5178410	128.1450030	156.0314860	-140.5230150	278.7165725
15910	2.1658820	2.8063720	1.7609870	129.7058470	159.7479150	-139.4649970	284.1268336
15911	2.1658820	3.3024570	2.0058190	130.8700950	162.4648860	-138.6081600	284.1699437
15912	2.1658820	3.7995690	2.2517870	131.7696620	164.5385320	-137.9024330	284.2277367
15913	2.1658820	4.7955940	2.7459080	133.0655100	167.4955930	-136.8120420	284.3227418
15914	2.1658820	5.7929890	3.2418330	133.9517020	169.5031610	-136.0112850	284.3516698
15915	2.1658820	1.3357470	1.0413310	108.1719340	142.0533520	-114.2885050	268.4257928
15916	2.1658820	1.8206380	1.2773430	109.8156440	150.6335460	-112.9960630	295.4472922
15917	2.1658820	2.3119730	1.5178410	110.8916950	156.0314860	-112.0330200	291.1610889
15918	2.1658820	2.8063720	1.7609870	111.6439780	159.7479150	-111.2958730	285.4582826
15919	2.1658820	3.3024570	2.0058190	112.1966690	162.4648860	-110.7166690	284.3839238
15920	2.1658820	3.7995690	2.2517870	112.6185840	164.5385320	-110.2509740	284.2825807
15921	2.1658820	4.7955940	2.7459080	113.2182380	167.4955930	-109.5506360	284.3295188
15922	2.1658820	5.7929890	3.2418330	113.6226320	169.5031610	-109.0504510	284.3536148
15923	2.1658820	1.3357470	1.0413310	89.9376260	142.0533520	-89.9218370	310.0493122
15924	2.1658820	1.8206380	1.2773430	89.9322010	150.6335460	-89.9264930	312.9467114
15925	2.1658820	2.3119730	1.5178410	89.9286800	156.0314860	-89.9299040	292.2943708
15926	2.1658820	2.8063720	1.7609870	89.9262320	159.7479150	-89.9324840	285.6099517
15927	2.1658820	3.3024570	2.0058190	89.9244430	162.4648860	-89.9344940	284.4330579
15928	2.1658820	3.7995690	2.2517870	89.9230810	164.5385320	-89.9360980	284.2959467
15929	2.1658820	4.7955940	2.7459080	89.9211530	167.4955930	-89.9384930	284.3311508
15930	2.1658820	5.7929890	3.2418330	89.9198580	169.5031610	-89.9401900	284.3544308
15931	2.1658820	2.0476130	1.0920930	156.3014790	143.9213890	-180.0000000	272.7575540
15932	2.1658820	2.5382520	1.3248270	160.6512340	150.6916360	-180.0000000	231.0865946
15933	2.1658820	3.0319500	1.5629030	163.6891690	155.3639740	-180.0000000	290.3024673
15934	2.1658820	3.5274240	1.8042080	165.9194380	158.7702450	-180.0000000	287.6107663
15935	2.1658820	4.0240180	2.0476000	167.6215900	161.3584450	-180.0000000	284.8575052
15936	2.1658820	5.0192350	2.5382410	170.0417690	165.0240660	-180.0000000	284.3221768
15937	2.1658820	6.0160390	3.0319410	171.6759550	167.4912710	-180.0000000	284.3433238

15938	2.1658820	1.5629210	0.8690030	138.3682240	133.3486430	-131.1816600	600.2523014
15939	2.1658820	2.0476130	1.0920930	142.4663850	143.9213890	-124.8438230	189.8046294
15940	2.1658820	2.5382520	1.3248270	144.7966980	150.6916360	-119.8497410	255.3769219
15941	2.1658820	3.0319500	1.5629030	146.2190930	155.3639740	-115.9402930	285.9332450
15942	2.1658820	3.5274240	1.8042080	147.1406820	158.7702450	-112.8497620	285.2328185
15943	2.1658820	4.0240180	2.0476000	147.7677420	161.3584450	-110.3697110	284.4218258
15944	2.1658820	5.0192350	2.5382410	148.5370590	165.0240660	-106.6742150	284.3231178
15945	2.1658820	6.0160390	3.0319410	148.9704910	167.4912710	-104.0767620	284.3495988
15946	2.1658820	1.5629210	0.8690030	115.5646190	133.3486430	-106.2578910	271.6020582
15947	2.1658820	2.0476130	1.0920930	117.2475880	143.9213890	-103.0643240	276.4466818
15948	2.1658820	2.5382520	1.3248270	118.1485800	150.6916360	-100.8290810	285.7995229
15949	2.1658820	3.0319500	1.5629030	118.6773110	155.3639740	-99.2102220	284.8411272
15950	2.1658820	3.5274240	1.8042080	119.0109850	158.7702450	-97.9955270	284.3024728
15951	2.1658820	4.0240180	2.0476000	119.2339330	161.3584450	-97.0553350	284.2704697
15952	2.1658820	5.0192350	2.5382410	119.5028620	165.0240660	-95.7015900	284.3301468
15953	2.1658820	6.0160390	3.0319410	119.6521170	167.4912710	-94.7778950	284.3544308
15954	2.1658820	1.5629210	0.8690030	89.9136940	133.3486430	-89.9494890	312.8379013
15955	2.1658820	2.0476130	1.0920930	89.9084330	143.9213890	-89.9598080	306.1827873
15956	2.1658820	2.5382520	1.3248270	89.9056480	150.6916360	-89.9668680	288.8803432
15957	2.1658820	3.0319500	1.5629030	89.9040250	155.3639740	-89.9719150	284.9569032
15958	2.1658820	3.5274240	1.8042080	89.9030050	158.7702450	-89.9756710	284.3298328
15959	2.1658820	4.0240180	2.0476000	89.9023250	161.3584450	-89.9785630	284.2829577
15960	2.1658820	5.0192350	2.5382410	89.9015070	165.0240660	-89.9827070	284.3322798
15961	2.1658820	6.0160390	3.0319410	89.9010530	167.4912710	-89.9855230	284.3551838
15962	2.1658820	2.2518260	0.8681750	175.9668800	144.3130790	0.0000000	223.6074349
15963	2.1658820	2.7459460	1.0984050	170.2475070	151.7941420	0.0000000	277.7510858
15964	2.1658820	3.2418700	1.3357620	166.5337830	156.7314480	0.0000000	305.3805787
15965	2.1658820	3.7388800	1.5770300	163.9480990	160.2157350	0.0000000	289.0516533
15966	2.1658820	4.2365930	1.8206560	162.0513580	162.8000840	0.0000000	285.0855423
15967	2.1658820	5.2333280	2.3119950	159.4633840	166.3705840	0.0000000	284.3290168
15968	2.1658820	6.2311090	2.8063950	157.7847600	168.7172200	0.0000000	284.3421948
15969	2.1658820	1.7610280	0.6526590	149.5260230	131.9102910	-99.6303670	491.7210864
15970	2.1658820	2.2518260	0.8681750	149.7551460	144.3130790	-83.0544210	192.3929803
15971	2.1658820	2.7459460	1.0984050	148.5955360	151.7941420	-73.6485100	269.0053612
15972	2.1658820	3.2418700	1.3357620	147.3748810	156.7314480	-68.0335070	290.5957655
15973	2.1658820	3.7388800	1.5770300	146.3316490	160.2157350	-64.4090330	285.9691380
15974	2.1658820	4.2365930	1.8206560	145.4749680	162.8000840	-61.9086460	284.5569279
15975	2.1658820	5.2333280	2.3119950	144.1925670	166.3705840	-58.7165630	284.3283268
15976	2.1658820	6.2311090	2.8063950	143.2966200	168.7172200	-56.7805760	284.3489088
15977	2.1658820	1.7610280	0.6526590	119.8410050	131.9102910	-93.2372490	245.2831813
15978	2.1658820	2.2518260	0.8681750	119.9181140	144.3130790	-87.6746770	260.2120076
15979	2.1658820	2.7459460	1.0984050	119.5230950	151.7941420	-84.4143080	283.1694419
15980	2.1658820	3.2418700	1.3357620	119.0946440	156.7314480	-82.3425760	284.6454070
15981	2.1658820	3.7388800	1.5770300	118.7184420	160.2157350	-80.9297260	284.2924327
15982	2.1658820	4.2365930	1.8206560	118.4027590	162.8000840	-79.9115700	284.2761807
15983	2.1658820	5.2333280	2.3119950	117.9190800	166.3705840	-78.5503190	284.3329078
15984	2.1658820	6.2311090	2.8063950	117.5734300	168.7172200	-77.6861410	284.3551838
15985	2.1658820	1.7610280	0.6526590	89.9004810	131.9102910	-89.9902030	284.7274851
15986	2.1658820	2.2518260	0.8681750	89.9002480	144.3130790	-90.0070330	288.7687721
15987	2.1658820	2.7459460	1.0984050	89.9014450	151.7941420	-90.0169390	285.7432348
15988	2.1658820	3.2418700	1.3357620	89.9027490	156.7314480	-90.0232870	284.3702438
15989	2.1658820	3.7388800	1.5770300	89.9038990	160.2157350	-90.0276510	284.2269837
15990	2.1658820	4.2365930	1.8206560	89.9048670	162.8000840	-90.0308160	284.2704077
15991	2.1658820	5.2333280	2.3119950	89.9063550	166.3705840	-90.0350810	284.3354178
15992	2.1658820	6.2311090	2.8063950	89.9074230	168.7172200	-90.0378090	284.3566268
15993	2.1658820	1.8929540	0.4300800	150.6836950	142.6575190	0.0000000	233.8044016

15994	2.1658820	2.3902850	0.6575740	139.4969170	155.2341860	0.0000000	237.8660797
15995	2.1658820	2.8885370	0.8971270	134.1603000	161.4815910	0.0000000	279.1227108
15996	2.1658820	3.3873050	1.1411710	131.0881690	165.1964160	0.0000000	285.2295155
15997	2.1658820	3.8863890	1.3873370	129.1021180	167.6601410	0.0000000	284.4818779
15998	2.1658820	4.3856810	1.6346680	127.7157870	169.4154050	0.0000000	284.3021598
15999	2.1658820	5.3846610	2.1311990	125.9107560	171.7529950	0.0000000	284.3303978
16000	2.1658820	6.3839600	2.6290450	124.7885510	173.2410570	0.0000000	284.3527998
16001	2.1658820	1.8929540	0.4300800	139.0352890	142.6575190	-49.6998860	232.3723615
16002	2.1658820	2.3902850	0.6575740	131.1856210	155.2341860	-41.6348570	246.6276833
16003	2.1658820	2.8885370	0.8971270	127.1089350	161.4815910	-38.8267220	279.9213274
16004	2.1658820	3.3873050	1.1411710	124.6922910	165.1964160	-37.4529170	284.4990719
16005	2.1658820	3.8863890	1.3873370	123.1071240	167.6601410	-36.6487290	284.2841497
16006	2.1658820	4.3856810	1.6346680	121.9910460	169.4154050	-36.1237790	284.2707207
16007	2.1658820	5.3846610	2.1311990	120.5270460	171.7529950	-35.4827280	284.3321548
16008	2.1658820	6.3839600	2.6290450	119.6111020	173.2410570	-35.1073220	284.3542428
16009	2.1658820	1.8929540	0.4300800	115.8467130	142.6575190	-74.2150200	239.0142355
16010	2.1658820	2.3902850	0.6575740	112.3451740	155.2341860	-69.4448270	265.5980476
16011	2.1658820	2.8885370	0.8971270	110.3854550	161.4815910	-67.5012830	282.0778891
16012	2.1658820	3.3873050	1.1411710	109.1844190	165.1964160	-66.4838110	283.8552474
16013	2.1658820	3.8863890	1.3873370	108.3820800	167.6601410	-65.8658480	284.1137806
16014	2.1658820	4.3856810	1.6346680	107.8106640	169.4154050	-65.4530700	284.2467507
16015	2.1658820	5.3846610	2.1311990	107.0533610	171.7529950	-64.9385420	284.3355428
16016	2.1658820	6.3839600	2.6290450	106.5752710	173.2410570	-64.6317240	284.3565648
16017	2.1658820	1.8929540	0.4300800	89.9128070	142.6575190	-90.0489630	260.2316486
16018	2.1658820	2.3902850	0.6575740	89.9239630	155.2341860	-90.0649490	275.0119447
16019	2.1658820	2.8885370	0.8971270	89.9303330	161.4815910	-90.0717390	283.0312018
16020	2.1658820	3.3873050	1.1411710	89.9342780	165.1964160	-90.0753700	283.7901114
16021	2.1658820	3.8863890	1.3873370	89.9369300	167.6601410	-90.0776020	284.1007286
16022	2.1658820	4.3856810	1.6346680	89.9388260	169.4154050	-90.0791060	284.2469387
16023	2.1658820	5.3846610	2.1311990	89.9413480	171.7529950	-90.0809930	284.3370488
16024	2.1658820	6.3839600	2.6290450	89.9429450	173.2410570	-90.0821260	284.3574428
16025	2.1658820	1.9390000	0.3110610	90.0000000	180.0000000	0.0000000	252.0194954
16026	2.1658820	2.4390000	0.5610610	90.0000000	180.0000000	0.0000000	271.0213607
16027	2.1658820	2.9390000	0.8110610	90.0000000	180.0000000	0.0000000	281.8519859
16028	2.1658820	3.4390000	1.0610610	90.0000000	180.0000000	0.0000000	283.4968761
16029	2.1658820	3.9390000	1.3110610	90.0000000	180.0000000	0.0000000	284.0298205
16030	2.1658820	4.4390000	1.5610610	90.0000000	180.0000000	0.0000000	284.2310627
16031	2.1658820	5.4390000	2.0610610	90.0000000	180.0000000	0.0000000	284.3366098
16032	2.1658820	6.4390000	2.5610610	90.0000000	180.0000000	0.0000000	284.3574428
16033	1.8240990	1.1304000	1.1197350	90.0000000	179.9999980	-180.0000000	433.2446703
16034	1.8240990	1.6304000	1.3697350	90.0000000	179.9999990	-180.0000000	367.7169938
16035	1.8240990	2.1304000	1.6197350	90.0000000	180.0000000	-180.0000000	372.8765027
16036	1.8240990	2.6304000	1.8697350	90.0000000	180.0000000	-180.0000000	374.8837792
16037	1.8240990	3.1304000	2.1197350	90.0000000	180.0000000	-180.0000000	375.3844066
16038	1.8240990	3.6304000	2.3697350	90.0000000	180.0000000	-180.0000000	375.6382337
16039	1.8240990	4.6304000	2.8697350	90.0000000	180.0000000	-180.0000000	375.7831889
16040	1.8240990	5.6304000	3.3697350	90.0000000	180.0000000	-180.0000000	375.8150039
16041	1.8240990	1.1943010	1.0860490	110.1993880	161.2979700	-180.0000000	391.4993957
16042	1.8240990	1.6900510	1.3330800	112.0287130	165.7511060	-180.0000000	370.9292772
16043	1.8240990	2.1877360	1.5810450	113.2851970	168.4395980	-180.0000000	375.6246167
16044	1.8240990	2.6862810	1.8295640	114.2006790	170.2559580	-180.0000000	375.2666235
16045	1.8240990	3.1852820	2.0784380	114.8970630	171.5710760	-180.0000000	375.1023413
16046	1.8240990	3.6845540	2.3275530	115.4444480	172.5695540	-180.0000000	375.2040604
16047	1.8240990	4.6835640	2.8262520	116.2495610	173.9882470	-180.0000000	375.3118035
16048	1.8240990	5.6829230	3.3253420	116.8130850	174.9495850	-180.0000000	375.3409825
16049	1.8240990	1.1943010	1.0860490	107.3992520	161.2979700	-148.4007420	388.9130088

16050	1.8240990	1.6900510	1.3330800	108.9547410	165.7511060	-148.0845860	372.4771554
16051	1.8240990	2.1877360	1.5810450	110.0199270	168.4395980	-147.8487380	375.9589540
16052	1.8240990	2.6862810	1.8295640	110.7942480	170.2559580	-147.6670280	375.2450364
16053	1.8240990	3.1852820	2.0784380	111.3821960	171.5710760	-147.5231110	375.0920503
16054	1.8240990	3.6845540	2.3275530	111.8436760	172.5695540	-147.4064750	375.2012364
16055	1.8240990	4.6835640	2.8262520	112.5213270	173.9882470	-147.2292110	375.3121175
16056	1.8240990	5.6829230	3.3253420	112.9948220	174.9495850	-147.1010300	375.3413595
16057	1.8240990	1.1943010	1.0860490	99.9415880	161.2979700	-118.4506650	399.0309084
16058	1.8240990	1.6900510	1.3330800	100.8089990	165.7511060	-118.1557520	376.4059923
16059	1.8240990	2.1877360	1.5810450	101.3998110	168.4395980	-117.9380920	376.1919482
16060	1.8240990	2.6862810	1.8295640	101.8275630	170.2559580	-117.7717390	375.1446984
16061	1.8240990	3.1852820	2.0784380	102.1513420	171.5710760	-117.6408070	375.0601093
16062	1.8240990	3.6845540	2.3275530	102.4048440	172.5695540	-117.5352210	375.1941454
16063	1.8240990	4.6835640	2.8262520	102.7760530	173.9882470	-117.3756490	375.3110505
16064	1.8240990	5.6829230	3.3253420	103.0346750	174.9495850	-117.2609280	375.3413595
16065	1.8240990	1.1943010	1.0860490	89.9654710	161.2979700	-89.9061500	419.2440557
16066	1.8240990	1.6900510	1.3330800	89.9624930	165.7511060	-89.9073000	377.9670475
16067	1.8240990	2.1877360	1.5810450	89.9604690	168.4395980	-89.9081450	376.1631461
16068	1.8240990	2.6862810	1.8295640	89.9590070	170.2559580	-89.9087880	375.0744173
16069	1.8240990	3.1852820	2.0784380	89.9579010	171.5710760	-89.9092930	375.0385863
16070	1.8240990	3.6845540	2.3275530	89.9570360	172.5695540	-89.9097000	375.1884354
16071	1.8240990	4.6835640	2.8262520	89.9557720	173.9882470	-89.9103120	375.3111135
16072	1.8240990	5.6829230	3.3253420	89.9548920	174.9495850	-89.9107520	375.3423005
16073	1.8240990	1.3535890	0.9881830	131.0932520	147.4149750	-180.0000000	466.2502882
16074	1.8240990	1.8432050	1.2273710	134.8775600	154.8771240	-180.0000000	322.0206242
16075	1.8240990	2.3372210	1.4701610	137.4202040	159.5487970	-180.0000000	362.3770767
16076	1.8240990	2.8333380	1.7150240	139.2395760	162.7530090	-180.0000000	374.3979618
16077	1.8240990	3.3306160	1.9611830	140.6033310	165.0885100	-180.0000000	375.0476223
16078	1.8240990	3.8286030	2.2082060	141.6624640	166.8667630	-180.0000000	375.1970954
16079	1.8240990	4.8258270	2.7038940	143.1989780	169.3959240	-180.0000000	375.3162595
16080	1.8240990	5.8240020	3.2009230	144.2588980	171.1083760	-180.0000000	375.3451875
16081	1.8240990	1.3535890	0.9881830	124.6963260	147.4149750	-142.5449430	378.8318182
16082	1.8240990	1.8432050	1.2273710	127.6663620	154.8771240	-140.8283220	339.1934252
16083	1.8240990	2.3372210	1.4701610	129.6194450	159.5487970	-139.5261910	370.0647575
16084	1.8240990	2.8333380	1.7150240	130.9930640	162.7530090	-138.5140180	375.1326494
16085	1.8240990	3.3306160	1.9611830	132.0083470	165.0885100	-137.7083560	375.1244924
16086	1.8240990	3.8286030	2.2082060	132.7877560	166.8667630	-137.0535210	375.2174264
16087	1.8240990	4.8258270	2.7038940	133.9033890	169.3959240	-136.0561720	375.3175765
16088	1.8240990	5.8240020	3.2009230	134.6619300	171.1083760	-135.3341270	375.3447475
16089	1.8240990	1.3535890	0.9881830	109.1864470	147.4149750	-113.5145670	374.3584288
16090	1.8240990	1.8432050	1.2273710	110.6584910	154.8771240	-112.2504410	376.3357733
16091	1.8240990	2.3372210	1.4701610	111.6026690	159.5487970	-111.3378360	378.6332740
16092	1.8240990	2.8333380	1.7150240	112.2546110	162.7530090	-110.6539640	375.7029928
16093	1.8240990	3.3306160	1.9611830	112.7297640	165.0885100	-110.1246470	375.2110884
16094	1.8240990	3.8286030	2.2082060	113.0905300	166.8667630	-109.7037840	375.2366284
16095	1.8240990	4.8258270	2.7038940	113.6007070	169.3959240	-109.0781840	375.3173255
16096	1.8240990	5.8240020	3.2009230	113.9432970	171.1083760	-108.6363660	375.3443085
16097	1.8240990	1.3535890	0.9881830	89.9342710	147.4149750	-89.9246360	429.2159342
16098	1.8240990	1.8432050	1.2273710	89.9294410	154.8771240	-89.9291380	393.7381804
16099	1.8240990	2.3372210	1.4701610	89.9263660	159.5487970	-89.9323380	379.7704469
16100	1.8240990	2.8333380	1.7150240	89.9242550	162.7530090	-89.9347100	375.7651788
16101	1.8240990	3.3306160	1.9611830	89.9227230	165.0885100	-89.9365310	375.2226344
16102	1.8240990	3.8286030	2.2082060	89.9215630	166.8667630	-89.9379710	375.2375064
16103	1.8240990	4.8258270	2.7038940	89.9199280	169.3959240	-89.9400960	375.3161335
16104	1.8240990	5.8240020	3.2009230	89.9188340	171.1083760	-89.9415880	375.3446855
16105	1.8240990	1.5448640	0.8361840	153.7576430	139.9156950	-180.0000000	1942.8018555

16106	1.8240990	2.0338640	1.0661630	159.7088980	149.2387600	-180.0000000	322.1887974
16107	1.8240990	2.5271730	1.3035350	163.5224280	155.1127360	-180.0000000	383.9450160
16108	1.8240990	3.0226820	1.5448960	166.1532010	159.1297530	-180.0000000	383.1447534
16109	1.8240990	3.5194610	1.7886320	168.0701640	162.0420710	-180.0000000	377.3056520
16110	1.8240990	4.0170390	2.0338890	169.5261310	164.2469910	-180.0000000	375.5860257
16111	1.8240990	5.0136420	2.5271930	171.5872870	167.3596720	-180.0000000	375.3170745
16112	1.8240990	6.0113730	3.0226980	172.9740180	169.4490520	-180.0000000	375.3401045
16113	1.8240990	1.5448640	0.8361840	140.9653890	139.9156950	-127.4470320	615.1169336
16114	1.8240990	2.0338640	1.0661630	144.3195210	149.2387600	-120.9914650	308.7314172
16115	1.8240990	2.5271730	1.3035350	146.1458620	155.1127360	-116.1639120	363.5876046
16116	1.8240990	3.0226820	1.5448960	147.2308280	159.1297530	-112.5152690	378.2227577
16117	1.8240990	3.5194610	1.7886320	147.9214210	162.0420710	-109.6993290	376.0050760
16118	1.8240990	4.0170390	2.0338890	148.3856440	164.2469910	-107.4773620	375.3805156
16119	1.8240990	5.0136420	2.5271930	148.9488180	167.3596720	-104.2196260	375.3219695
16120	1.8240990	6.0113730	3.0226980	149.2629810	169.4490520	-101.9620000	375.3454385
16121	1.8240990	1.5448640	0.8361840	116.6452980	139.9156950	-104.3209590	373.9260745
16122	1.8240990	2.0338640	1.0661630	117.9675490	149.2387600	-101.3220140	367.3324565
16123	1.8240990	2.5271730	1.3035350	118.6504930	155.1127360	-99.3001870	377.4573841
16124	1.8240990	3.0226820	1.5448960	119.0432410	159.1297530	-97.8670450	375.8231609
16125	1.8240990	3.5194610	1.7886320	119.2880620	162.0420710	-96.8058430	375.2792985
16126	1.8240990	4.0170390	2.0338890	119.4503370	164.2469910	-95.9915320	375.2625445
16127	1.8240990	5.0136420	2.5271930	119.6446920	167.3596720	-94.8281880	375.3244795
16128	1.8240990	6.0113730	3.0226980	119.7519060	169.4490520	-94.0395870	375.3488895
16129	1.8240990	1.5448640	0.8361840	89.9103070	139.9156950	-89.9557830	431.7498801
16130	1.8240990	2.0338640	1.0661630	89.9062060	149.2387600	-89.9653210	395.0566404
16131	1.8240990	2.5271730	1.3035350	89.9041070	155.1127360	-89.9716360	379.0815043
16132	1.8240990	3.0226820	1.5448960	89.9029060	159.1297530	-89.9760670	375.6895018
16133	1.8240990	3.5194610	1.7886320	89.9021600	162.0420710	-89.9793290	375.2539475
16134	1.8240990	4.0170390	2.0338890	89.9016660	164.2469910	-89.9818210	375.2614775
16135	1.8240990	5.0136420	2.5271930	89.9010760	167.3596720	-89.9853700	375.3264245
16136	1.8240990	6.0113730	3.0226980	89.9007510	169.4490520	-89.9877680	375.3508975
16137	1.8240990	1.7149360	0.6495400	179.5355440	139.7074410	0.0000000	1244.3149729
16138	1.8240990	2.2081220	0.8757680	171.4458460	150.2193590	0.0000000	304.4340440
16139	1.8240990	2.7038130	1.1122210	166.7318030	156.4694610	0.0000000	415.5438829
16140	1.8240990	3.2008440	1.3535520	163.6837500	160.5771060	0.0000000	391.7420729
16141	1.8240990	3.6986760	1.5975510	161.5621990	163.4732210	0.0000000	378.4822949
16142	1.8240990	4.1970230	1.8431590	160.0043710	165.6217600	0.0000000	375.7909069
16143	1.8240990	5.1946710	2.3371710	157.8744660	168.5928700	0.0000000	375.3234125
16144	1.8240990	6.1930770	2.8332840	156.4890660	170.5483390	0.0000000	375.3370925
16145	1.8240990	1.7149360	0.6495400	149.9967400	139.7074410	-89.1956010	526.4340947
16146	1.8240990	2.2081220	0.8757680	148.9138030	150.2193590	-75.5529220	312.5740341
16147	1.8240990	2.7038130	1.1122210	147.4484920	156.4694610	-68.3210820	377.2865130
16148	1.8240990	3.2008440	1.3535520	146.2167220	160.5771060	-64.0524230	381.9113835
16149	1.8240990	3.6986760	1.5975510	145.2422880	163.4732210	-61.2858810	376.6386095
16150	1.8240990	4.1970230	1.8431590	144.4708800	165.6217600	-59.3629250	375.4944086
16151	1.8240990	5.1946710	2.3371710	143.3456980	168.5928700	-56.8813930	375.3254205
16152	1.8240990	6.1930770	2.8332840	142.5732910	170.5483390	-55.3572040	375.3446225
16153	1.8240990	1.7149360	0.6495400	119.9989130	139.7074410	-89.7318510	358.9948002
16154	1.8240990	2.2081220	0.8757680	119.6326890	150.2193590	-85.0916270	355.8977898
16155	1.8240990	2.7038130	1.1122210	119.1208430	156.4694610	-82.4518580	376.4391243
16156	1.8240990	3.2008440	1.3535520	118.6764430	160.5771060	-80.7868520	375.9906430
16157	1.8240990	3.6986760	1.5975510	118.3159810	163.4732210	-79.6517180	375.3420495
16158	1.8240990	4.1970230	1.8431590	118.0251670	165.6217600	-78.8320530	375.2884605
16159	1.8240990	5.1946710	2.3371710	117.5925260	168.5928700	-77.7319300	375.3353355
16160	1.8240990	6.1930770	2.8332840	117.2898400	170.5483390	-77.0298820	375.3552905
16161	1.8240990	1.7149360	0.6495400	89.9000030	139.7074410	-90.0008110	411.4934978

16162	1.8240990	2.2081220	0.8757680	89.9011120	150.2193590	-90.0148740	379.9261320
16163	1.8240990	2.7038130	1.1122210	89.9026690	156.4694610	-90.0229510	377.3176380
16164	1.8240990	3.2008440	1.3535520	89.9040270	160.5771060	-90.0280940	375.8186429
16165	1.8240990	3.6986760	1.5975510	89.9051330	163.4732210	-90.0316280	375.6793988
16166	1.8240990	4.1970230	1.8431590	89.9060280	165.6217600	-90.0341950	375.7352468
16167	1.8240990	5.1946710	2.3371710	89.9073640	168.5928700	-90.0376640	375.8032689
16168	1.8240990	6.1930770	2.8332840	89.9083020	170.5483390	-90.0398920	375.8242279
16169	1.8240990	1.8294410	0.4678720	143.2736890	150.9287190	0.0000000	338.8287169
16170	1.8240990	2.3274310	0.7044890	135.2133170	160.2325560	0.0000000	346.6395778
16171	1.8240990	2.8261310	0.9480000	131.2451720	165.0055960	0.0000000	378.3326348
16172	1.8240990	3.3252220	1.1941960	128.9054770	167.9086550	0.0000000	377.2409560
16173	1.8240990	3.8245500	1.4417020	127.3672380	169.8631850	0.0000000	375.5807547
16174	1.8240990	4.3240340	1.6899420	126.2803080	171.2702460	0.0000000	375.3175765
16175	1.8240990	5.3232920	2.1876260	124.8476150	173.1629410	0.0000000	375.3339545
16176	1.8240990	6.3227840	2.6861690	123.9463250	174.3788160	0.0000000	375.3559805
16177	1.8240990	1.8294410	0.4678720	133.9571610	150.9287190	-43.9937960	334.1199484
16178	1.8240990	2.3274310	0.7044890	127.9263550	160.2325560	-39.3364530	360.8761996
16179	1.8240990	2.8261310	0.9480000	124.8168730	165.0055960	-37.5192120	376.2272142
16180	1.8240990	3.3252220	1.1941960	122.9492790	167.9086550	-36.5724900	376.2973702
16181	1.8240990	3.8245500	1.4417020	121.7092790	169.8631850	-35.9963210	375.3881716
16182	1.8240990	4.3240340	1.6899420	120.8277310	171.2702460	-35.6101790	375.2885855
16183	1.8240990	5.3232920	2.1876260	119.6594150	173.1629410	-35.1266510	375.3335785
16184	1.8240990	6.3227840	2.6861690	118.9209500	174.3788160	-34.8367890	375.3526545
16185	1.8240990	1.8294410	0.4678720	113.6251080	150.9287190	-70.9526860	347.9985749
16186	1.8240990	2.3274310	0.7044890	110.7853090	160.2325560	-67.8671700	359.7596088
16187	1.8240990	2.8261310	0.9480000	109.2470010	165.0055960	-66.5339980	374.9384352
16188	1.8240990	3.3252220	1.1941960	108.3015850	167.9086550	-65.8063680	375.1132593
16189	1.8240990	3.8245500	1.4417020	107.6655830	169.8631850	-65.3516950	375.1344694
16190	1.8240990	4.3240340	1.6899420	107.2095990	171.2702460	-65.0417730	375.2401424
16191	1.8240990	5.3232920	2.1876260	106.6005690	173.1629410	-64.6476230	375.3273035
16192	1.8240990	6.3227840	2.6861690	106.2129420	174.3788160	-64.4080350	375.3493285
16193	1.8240990	1.8294410	0.4678720	89.9198500	150.9287190	-90.0597990	380.2485462
16194	1.8240990	2.3274310	0.7044890	89.9290270	160.2325560	-90.0704470	366.8736211
16195	1.8240990	2.8261310	0.9480000	89.9340720	165.0055960	-90.0751900	374.7168620
16196	1.8240990	3.3252220	1.1941960	89.9371960	167.9086550	-90.0778180	374.8439951
16197	1.8240990	3.8245500	1.4417020	89.9393080	169.8631850	-90.0794760	375.0816963
16198	1.8240990	4.3240340	1.6899420	89.9408260	171.2702460	-90.0806130	375.2337414
16199	1.8240990	5.3232920	2.1876260	89.9428600	173.1629410	-90.0820670	375.3286835
16200	1.8240990	6.3227840	2.6861690	89.9441580	174.3788160	-90.0829560	375.3502075
16201	1.8240990	1.8696000	0.3802650	90.0000000	180.0000000	0.0000000	364.0183900
16202	1.8240990	2.3696000	0.6302650	90.0000000	180.0000000	0.0000000	364.5715394
16203	1.8240990	2.8696000	0.8802650	90.0000000	180.0000000	0.0000000	374.0448625
16204	1.8240990	3.3696000	1.1302650	90.0000000	180.0000000	0.0000000	375.1119423
16205	1.8240990	3.8696000	1.3802650	90.0000000	180.0000000	0.0000000	375.5114776
16206	1.8240990	4.3696000	1.6302650	90.0000000	180.0000000	0.0000000	375.6979728
16207	1.8240990	5.3696000	2.1302650	90.0000000	180.0000000	0.0000000	375.8040219
16208	1.8240990	6.3696000	2.6302650	90.0000000	180.0000000	0.0000000	375.8245419
16209	2.5076660	0.9918000	1.2582420	90.0000000	180.0000000	-180.0000000	345.7995312
16210	2.5076660	1.4918000	1.5082420	90.0000000	180.0000000	-180.0000000	329.4290638
16211	2.5076660	1.9918000	1.7582420	90.0000000	180.0000000	-180.0000000	336.3274011
16212	2.5076660	2.4918000	2.0082420	90.0000000	180.0000000	-180.0000000	322.0872663
16213	2.5076660	2.9918000	2.2582420	90.0000000	180.0000000	-180.0000000	318.6516517
16214	2.5076660	3.4918000	2.5082420	90.0000000	180.0000000	-180.0000000	318.1362783
16215	2.5076660	4.4918000	3.0082420	90.0000000	180.0000000	-180.0000000	318.1064083
16216	2.5076660	5.4918000	3.5082420	90.0000000	180.0000000	-180.0000000	318.1321363
16217	2.5076660	1.0899200	1.2169780	107.9471870	154.4653890	-180.0000000	330.4659606

16218	2.5076660	1.5804460	1.4623990	109.9929110	160.7408910	-180.0000000	329.6224000
16219	2.5076660	2.0754990	1.7091480	111.4493910	164.4171190	-180.0000000	332.8527554
16220	2.5076660	2.5724660	1.9567220	112.5378720	166.8691340	-180.0000000	321.0248925
16221	2.5076660	3.0704180	2.2048440	113.3816180	168.6345360	-180.0000000	318.4767016
16222	2.5076660	3.5689430	2.4533470	114.0545590	169.9717850	-180.0000000	318.1057813
16223	2.5076660	4.5669600	2.9511120	115.0601250	171.8706120	-180.0000000	318.1040863
16224	2.5076660	5.5656890	3.4495240	115.7752800	173.1585480	-180.0000000	318.1320733
16225	2.5076660	1.0899200	1.2169780	105.4773410	154.4653890	-148.7472530	312.1047828
16226	2.5076660	1.5804460	1.4623990	107.2233560	160.7408910	-148.4344470	322.8159928
16227	2.5076660	2.0754990	1.7091480	108.4627180	164.4171190	-148.1881540	333.7595071
16228	2.5076660	2.5724660	1.9567220	109.3867110	166.8691340	-147.9908800	321.1796986
16229	2.5076660	3.0704180	2.2048440	110.1015530	168.6345360	-147.8299960	318.5065086
16230	2.5076660	3.5689430	2.4533470	110.6707630	169.9717850	-147.6965970	318.1143153
16231	2.5076660	4.5669600	2.9511120	111.5197300	171.8706120	-147.4886920	318.1065343
16232	2.5076660	5.5656890	3.4495240	112.1222940	173.1585480	-147.3344640	318.1330153
16233	2.5076660	1.0899200	1.2169780	98.8628700	154.4653890	-118.7780980	321.2462147
16234	2.5076660	1.5804460	1.4623990	99.8431710	160.7408910	-118.4823200	328.6265422
16235	2.5076660	2.0754990	1.7091480	100.5352040	164.4171190	-118.2519630	334.5279547
16236	2.5076660	2.5724660	1.9567220	101.0489170	166.8691340	-118.0690350	321.3342547
16237	2.5076660	3.0704180	2.2048440	101.4449730	168.6345360	-117.9208800	318.5386996
16238	2.5076660	3.5689430	2.4533470	101.7594470	169.9717850	-117.7987300	318.1261123
16239	2.5076660	4.5669600	2.9511120	102.2269520	171.8706120	-117.6095990	318.1110523
16240	2.5076660	5.5656890	3.4495240	102.5576190	173.1585480	-117.4702660	318.1350853
16241	2.5076660	1.0899200	1.2169780	89.9691860	154.4653890	-89.9048660	312.2028618
16242	2.5076660	1.5804460	1.4623990	89.9658100	160.7408910	-89.9060260	332.4615661
16243	2.5076660	2.0754990	1.7091480	89.9634320	164.4171190	-89.9069260	334.5265747
16244	2.5076660	2.5724660	1.9567220	89.9616710	166.8691340	-89.9076370	321.3514487
16245	2.5076660	3.0704180	2.2048440	89.9603150	168.6345360	-89.9082120	318.5427786
16246	2.5076660	3.5689430	2.4533470	89.9592390	169.9717850	-89.9086840	318.1300033
16247	2.5076660	4.5669600	2.9511120	89.9576430	171.8706120	-89.9094140	318.1131853
16248	2.5076660	5.5656890	3.4495240	89.9565160	173.1585480	-89.9099490	318.1361523
16249	2.5076660	1.3213510	1.0963540	126.3300320	136.8742670	-180.0000000	331.0441481
16250	2.5076660	1.8005190	1.3291170	130.6607880	146.5121990	-180.0000000	255.3879029
16251	2.5076660	2.2886170	1.5671990	133.6889480	152.6015740	-180.0000000	288.5274319
16252	2.5076660	2.7809470	1.8085000	135.9139500	156.8080060	-180.0000000	313.2174826
16253	2.5076660	3.2756020	2.0518860	137.6131950	159.8915070	-180.0000000	317.3928677
16254	2.5076660	3.7716660	2.2966920	138.9511690	162.2500830	-180.0000000	317.8924901
16255	2.5076660	4.7662630	2.7890710	140.9200400	165.6218320	-180.0000000	318.0924153
16256	2.5076660	5.7627310	3.2837540	142.2969510	167.9168650	-180.0000000	318.1326383
16257	2.5076660	1.3213510	1.0963540	120.8681520	136.8742670	-144.3725250	279.6814303
16258	2.5076660	1.8005190	1.3291170	124.3526070	146.5121990	-142.7254910	289.3083675
16259	2.5076660	2.2886170	1.5671990	126.7411570	152.6015740	-141.3948320	309.1971546
16260	2.5076660	2.7809470	1.8085000	128.4668940	156.8080060	-140.3127990	317.1859776
16261	2.5076660	3.2756020	2.0518860	129.7661400	159.8915070	-139.4221050	317.8321871
16262	2.5076660	3.7716660	2.2966920	130.7767380	162.2500830	-138.6791540	317.9767022
16263	2.5076660	4.7662630	2.7890710	132.2422670	165.6218320	-137.5152630	318.1008863
16264	2.5076660	5.7627310	3.2837540	133.2506690	167.9168650	-136.6486030	318.1347723
16265	2.5076660	1.3213510	1.0963540	107.2305740	136.8742670	-114.9442540	285.8214849
16266	2.5076660	1.8005190	1.3291170	109.0134250	146.5121990	-113.6518140	331.2728122
16267	2.5076660	2.2886170	1.5671990	110.2044730	152.6015740	-112.6596680	326.9202179
16268	2.5076660	2.7809470	1.8085000	111.0478720	156.8080060	-111.8845630	319.6657065
16269	2.5076660	3.2756020	2.0518860	111.6727800	159.8915070	-111.2665080	318.2502334
16270	2.5076660	3.7716660	2.2966920	112.1526240	162.2500830	-110.7640760	318.0783593
16271	2.5076660	4.7662630	2.7890710	112.8384080	165.6218320	-109.9996900	318.1132483
16272	2.5076660	5.7627310	3.2837540	113.3031190	167.9168650	-109.4475970	318.1380973
16273	2.5076660	1.3213510	1.0963540	89.9407560	136.8742670	-89.9194380	316.7998713

16274	2.5076660	1.8005190	1.3291170	89.9348420	146.5121990	-89.9241420	349.8738243
16275	2.5076660	2.2886170	1.5671990	89.9309260	152.6015740	-89.9276900	328.4391051
16276	2.5076660	2.7809470	1.8085000	89.9281700	156.8080060	-89.9304260	319.9240527
16277	2.5076660	3.2756020	2.0518860	89.9261390	159.8915070	-89.9325870	318.3273545
16278	2.5076660	3.7716660	2.2966920	89.9245850	162.2500830	-89.9343300	318.1010123
16279	2.5076660	4.7662630	2.7890710	89.9223730	165.6218320	-89.9369600	318.1168883
16280	2.5076660	5.7627310	3.2837540	89.9208810	167.9168650	-89.9388430	318.1396663
16281	2.5076660	2.0635570	1.1217440	153.0583940	138.8012710	-180.0000000	580.4947885
16282	2.5076660	2.5511310	1.3493740	157.8736420	146.3831220	-180.0000000	213.9104056
16283	2.5076660	3.0427400	1.5837650	161.2821690	151.6675390	-180.0000000	309.8671461
16284	2.5076660	3.5367030	1.8223090	163.8054240	155.5438140	-180.0000000	322.3296105
16285	2.5076660	4.0321540	2.0635670	165.7417370	158.5011010	-180.0000000	318.9807799
16286	2.5076660	5.0257600	2.5511390	168.5085480	162.7049350	-180.0000000	318.1042753
16287	2.5076660	6.0214840	3.0427470	170.3845840	165.5431870	-180.0000000	318.1239163
16288	2.5076660	1.5837510	0.9059860	135.8007450	127.1598360	-134.1762260	635.7467472
16289	2.5076660	2.0635570	1.1217440	140.5369470	138.8012710	-128.1234520	197.7333994
16290	2.5076660	2.5511310	1.3493740	143.3452480	146.3831220	-123.1195340	263.9775664
16291	2.5076660	3.0427400	1.5837650	145.1069940	151.6675390	-119.0665550	314.7760278
16292	2.5076660	3.5367030	1.8223090	146.2698040	155.5438140	-115.7837620	318.9312069
16293	2.5076660	4.0321540	2.0635670	147.0713170	158.5011010	-113.1027130	318.2068104
16294	2.5076660	5.0257600	2.5511390	148.0668100	162.7049350	-109.0376170	318.0976863
16295	2.5076660	6.0214840	3.0427470	148.6338790	165.5431870	-106.1357610	318.1311323
16296	2.5076660	1.5837510	0.9059860	114.4509300	127.1598360	-107.9462830	278.6939185
16297	2.5076660	2.0635570	1.1217440	116.4703340	138.8012710	-104.6593600	307.3276781
16298	2.5076660	2.5511310	1.3493740	117.5923510	146.3831220	-102.2684910	318.3456775
16299	2.5076660	3.0427400	1.5837650	118.2653230	151.6675390	-100.4965180	318.4701126
16300	2.5076660	3.5367030	1.8223090	118.6958550	155.5438140	-99.1474240	318.0605373
16301	2.5076660	4.0321540	2.0635670	118.9861180	158.5011010	-98.0930530	318.0444102
16302	2.5076660	5.0257600	2.5511390	119.3390840	162.7049350	-96.5613680	318.1118683
16303	2.5076660	6.0214840	3.0427470	119.5363450	165.5431870	-95.5084070	318.1384113
16304	2.5076660	1.5837510	0.9059860	89.9172170	127.1598360	-89.9439020	317.5641149
16305	2.5076660	2.0635570	1.1217440	89.9108530	138.8012710	-89.9546920	340.8278995
16306	2.5076660	2.5511310	1.3493740	89.9073640	146.3831220	-89.9623350	322.9671600
16307	2.5076660	3.0427400	1.5837650	89.9052890	151.6675390	-89.9679090	318.8566589
16308	2.5076660	3.5367030	1.8223090	89.9039680	155.5438140	-89.9721100	318.1433693
16309	2.5076660	4.0321540	2.0635670	89.9030800	158.5011010	-89.9753710	318.0716443
16310	2.5076660	5.0257600	2.5511390	89.9020050	162.7049350	-89.9800780	318.1162603
16311	2.5076660	6.0214840	3.0427470	89.9014050	165.5431870	-89.9832970	318.1401053
16312	2.5076660	2.2966640	0.8660650	179.4547070	138.4066730	-180.0000000	339.6464866
16313	2.5076660	2.7890440	1.0888100	173.8440970	147.0766180	0.0000000	251.2288958
16314	2.5076660	3.2837280	1.3213430	169.4575700	152.8399650	0.0000000	332.4807681
16315	2.5076660	3.7798100	1.5592900	166.3961120	156.9173060	0.0000000	324.4592521
16316	2.5076660	4.2768060	1.8005070	164.1498850	159.9435100	0.0000000	319.2382471
16317	2.5076660	5.2725010	2.2886030	161.0883770	164.1233720	0.0000000	318.1110523
16318	2.5076660	6.2695670	2.7809320	159.1067590	166.8678530	0.0000000	318.1223473
16319	2.5076660	1.8084710	0.6630450	148.0336150	124.3220890	-109.1912020	502.9550119
16320	2.5076660	2.2966640	0.8660650	149.9955060	138.4066730	-90.9443750	194.4610629
16321	2.5076660	2.7890440	1.0888100	149.4326220	147.0766180	-79.4780660	276.7479490
16322	2.5076660	3.2837280	1.3213430	148.3649930	152.8399650	-72.4164730	320.3819460
16323	2.5076660	3.7798100	1.5592900	147.3231610	156.9173060	-67.8343950	319.8007466
16324	2.5076660	4.2768060	1.8005070	146.4183740	159.9435100	-64.6830060	318.3628715
16325	2.5076660	5.2725010	2.2886030	145.0124870	164.1233720	-60.6912850	318.1041493
16326	2.5076660	6.2695670	2.7809320	144.0062640	166.8678530	-58.2964810	318.1304423
16327	2.5076660	1.8084710	0.6630450	119.3274510	124.3220890	-96.6179570	267.1293588
16328	2.5076660	2.2966640	0.8660650	119.9985020	138.4066730	-90.3148170	288.9505613
16329	2.5076660	2.7890440	1.0888100	119.8094380	147.0766180	-86.4572440	314.1194643

16330	2.5076660	3.2837280	1.3213430	119.4431570	152.8399650	-83.9699750	317.9003341
16331	2.5076660	3.7798100	1.5592900	119.0762090	156.9173060	-82.2666850	317.9772672
16332	2.5076660	4.2768060	1.8005070	118.7500630	159.9435100	-81.0389910	318.0351862
16333	2.5076660	5.2725010	2.2886030	118.2298480	164.1233720	-79.4011240	318.1134363
16334	2.5076660	6.2695670	2.7809320	117.8477240	166.8678530	-78.3654430	318.1389133
16335	2.5076660	1.8084710	0.6630450	89.9020400	124.3220890	-89.9799040	306.5020015
16336	2.5076660	2.2966640	0.8660650	89.9000050	138.4066730	-89.9990480	322.2146504
16337	2.5076660	2.7890440	1.0888100	89.9005770	147.0766180	-90.0107230	319.2172261
16338	2.5076660	3.2837280	1.3213430	89.9016880	152.8399650	-90.0182960	318.1104873
16339	2.5076660	3.7798100	1.5592900	89.9028050	156.9173060	-90.0235210	318.0041242
16340	2.5076660	4.2768060	1.8005070	89.9038020	159.9435100	-90.0273120	318.0503722
16341	2.5076660	5.2725010	2.2886030	89.9053980	164.1233720	-90.0324110	318.1180803
16342	2.5076660	6.2695670	2.7809320	89.9065750	166.8678530	-90.0356630	318.1410473
16343	2.5076660	1.9566830	0.4007290	159.3567070	133.1816400	0.0000000	231.8787002
16344	2.5076660	2.4533090	0.6148240	144.4137740	149.6411870	0.0000000	254.7275124
16345	2.5076660	2.9510740	0.8487830	137.4212450	157.6392290	0.0000000	303.8482635
16346	2.5076660	3.4494860	1.0898890	133.4833300	162.2922560	0.0000000	317.2751467
16347	2.5076660	3.9482990	1.3342720	130.9794410	165.3306340	0.0000000	318.0092072
16348	2.5076660	4.4473790	1.5804140	129.2529910	167.4716440	0.0000000	318.0324882
16349	2.5076660	5.4460450	2.0754650	127.0329760	170.2927630	0.0000000	318.1086673
16350	2.5076660	6.4451250	2.5724320	125.6692880	172.0712320	0.0000000	318.1358383
16351	2.5076660	1.9566830	0.4007290	144.1370720	133.1816400	-58.5904050	239.0555886
16352	2.5076660	2.4533090	0.6148240	134.7719780	149.6411870	-44.7737790	270.3297822
16353	2.5076660	2.9510740	0.8487830	129.6202360	157.6392290	-40.4743680	308.0783677
16354	2.5076660	3.4494860	1.0898890	126.5803670	162.2922560	-38.5097760	317.1349616
16355	2.5076660	3.9482990	1.3342720	124.6059500	165.3306340	-37.4072450	317.8684571
16356	2.5076660	4.4473790	1.5804140	123.2281250	167.4716440	-36.7076290	318.0112782
16357	2.5076660	5.4460450	2.0754650	121.4386360	170.2927630	-35.8757570	318.1118053
16358	2.5076660	6.4451250	2.5724320	120.3303210	172.0712320	-35.4004840	318.1377213
16359	2.5076660	1.9566830	0.4007290	117.8978540	133.1816400	-78.4949460	271.3624120
16360	2.5076660	2.4533090	0.6148240	113.9927060	149.6411870	-71.4288880	297.6947179
16361	2.5076660	2.9510740	0.8487830	111.6030480	157.6392290	-68.6625480	314.3792535
16362	2.5076660	3.4494860	1.0898890	110.1251420	162.2922560	-67.2706690	317.2834927
16363	2.5076660	3.9482990	1.3342720	109.1410050	165.3306340	-66.4491700	317.8240921
16364	2.5076660	4.4473790	1.5804140	108.4437130	167.4716440	-65.9116930	318.0136002
16365	2.5076660	5.4460450	2.0754650	107.5259240	170.2927630	-65.2553840	318.1176413
16366	2.5076660	6.4451250	2.5724320	106.9509500	172.0712320	-64.8716770	318.1406703
16367	2.5076660	1.9566830	0.4007290	89.9064210	133.1816400	-90.0352550	295.6937784
16368	2.5076660	2.4533090	0.6148240	89.9186760	149.6411870	-90.0581930	309.1054755
16369	2.5076660	2.9510740	0.8487830	89.9263650	157.6392290	-90.0676600	316.3764280
16370	2.5076660	3.4494860	1.0898890	89.9311860	162.2922560	-90.0725570	317.4704278
16371	2.5076660	3.9482990	1.3342720	89.9344210	165.3306340	-90.0754950	317.8653191
16372	2.5076660	4.4473790	1.5804140	89.9367250	167.4716440	-90.0774360	318.0253342
16373	2.5076660	5.4460450	2.0754650	89.9397730	170.2927630	-90.0798290	318.1200883
16374	2.5076660	6.4451250	2.5724320	89.9416890	172.0712320	-90.0812400	318.1418623
16375	2.5076660	2.0082000	0.2417580	90.0000000	180.0000000	0.0000000	287.1814869
16376	2.5076660	2.5082000	0.4917580	90.0000000	180.0000000	0.0000000	305.1198485
16377	2.5076660	3.0082000	0.7417580	90.0000000	180.0000000	0.0000000	315.2398821
16378	2.5076660	3.5082000	0.9917580	90.0000000	180.0000000	0.0000000	317.1744316
16379	2.5076660	4.0082000	1.2417580	90.0000000	180.0000000	0.0000000	317.7940341
16380	2.5076660	4.5082000	1.4917580	90.0000000	180.0000000	0.0000000	318.0104622
16381	2.5076660	5.5082000	1.9917580	90.0000000	180.0000000	0.0000000	318.1199623
16382	2.5076660	6.5082000	2.4917580	90.0000000	180.0000000	0.0000000	318.1418623
16383	1.1812000	2.3188000	2.9312000	0.0000000	0.0000000	0.0000000	302.9653580
16384	1.4496600	1.4496600	1.0250700	90.0000000	90.0000000	90.0000000	191.7232457
16385	1.2302371	50.1252000	26.3747775	90.0000000	180.0000000	-180.0000000	321.7636430

16386	2.1658822	50.5610000	25.9389385	90.0000000	180.0000000	-180.0000000	284.3663473
16387	2.8740000	1.9620000	1.4720000	125.0000000	150.1000000	-36.8000000	453.4133425
16388	1.1660000	2.3140000	1.1110000	98.3000000	110.6000000	-145.8000000	337.0373546
16389	0.9380000	1.2080000	1.4990000	48.2000000	126.6000000	86.4000000	520.4878932
16390	1.4980000	2.5760000	1.3300000	98.9000000	18.5000000	68.2000000	1212.3829158
16391	2.7300000	2.2220000	1.2150000	103.2000000	26.5000000	34.9000000	278.2832102
16392	1.3380000	1.9000000	1.1400000	90.0000000	90.0000000	-18.0000000	213.0672609
16393	1.2580000	1.7000000	1.2600000	90.0000000	90.0000000	18.0000000	214.5636430
16394	1.2180000	1.6000000	1.3200000	90.0000000	90.0000000	36.0000000	241.3828959
16395	1.1980000	1.5500000	1.3500000	90.0000000	90.0000000	45.0000000	258.3559952
16396	1.1780000	1.5000000	1.3800000	90.0000000	90.0000000	54.0000000	277.2569850
16397	1.1380000	1.4000000	1.4400000	90.0000000	90.0000000	72.0000000	291.1682425
16398	1.0580000	1.2000000	1.5600000	90.0000000	90.0000000	108.0000000	233.2249590
16399	1.1578400	2.5927600	2.8323400	0.0000000	0.0000000	0.0000000	378.5988866
16400	1.2045600	2.0448400	3.0300600	0.0000000	0.0000000	0.0000000	330.7974112
16401	1.2279200	1.7708800	3.1289200	0.0000000	0.0000000	0.0000000	294.2843919
16402	1.2512800	1.4969200	3.2277800	0.0000000	0.0000000	0.0000000	194.1584155
16403	1.2746400	1.2229600	3.3266400	0.0000000	0.0000000	0.0000000	84.9784813
16404	1.1380000	2.0400000	1.2800000	-18.0000000	90.0000000	-18.0000000	315.0939865
16405	1.0580000	2.3600000	1.3200000	18.0000000	90.0000000	18.0000000	328.1880385
16406	1.0180000	2.5200000	1.3400000	36.0000000	90.0000000	36.0000000	361.3581893
16407	0.9980000	2.6000000	1.3500000	45.0000000	90.0000000	45.0000000	382.8146835
16408	0.9880000	2.6400000	1.3550000	49.5000000	90.0000000	49.5000000	396.3863329
16409	0.9780000	2.6800000	1.3600000	54.0000000	90.0000000	54.0000000	410.0559365
16410	0.9580000	2.7600000	1.3700000	63.0000000	90.0000000	63.0000000	375.6728099
16411	0.9380000	2.8400000	1.3800000	72.0000000	90.0000000	72.0000000	376.2349956
16412	0.8580000	3.1600000	1.4200000	108.0000000	90.0000000	108.0000000	466.2050450
16413	1.9693200	1.2131600	0.7032600	110.8791000	175.5575600	-178.0808900	487.4220126
16414	1.8967100	1.2037300	0.8946500	109.1391700	168.4277700	-163.2408100	454.4758889
16415	1.7514900	1.1848700	1.2774400	105.6593200	154.1681700	-133.5606700	330.6754296
16416	1.6788800	1.1754400	1.4688400	103.9194000	147.0383800	-118.7205900	291.4382285
16417	1.6062700	1.1660100	1.6602300	102.1794700	139.9085800	-103.8805200	271.5314505
16418	1.5336600	1.1565800	1.8516300	100.4395500	132.7787800	-89.0404400	243.1596451
16419	1.3884400	1.1377200	2.2344200	96.9597000	118.5191900	-59.3603000	114.3054064
16420	1.2432200	1.1188600	2.6172100	93.4798500	104.2595900	-29.6801500	34.6670245
16421	0.9527800	1.0811400	3.3827900	86.5201500	75.7404100	29.6801500	53.7318353
16422	1.5400000	1.2000000	5.0000000	90.0000000	90.0000000	0.0000000	134.4306015
16423	1.5400000	1.4100000	5.0000000	90.0000000	90.0000000	0.0000000	200.4691514
16424	1.5400000	1.7000000	5.0000000	90.0000000	90.0000000	0.0000000	284.4165148
16425	1.5400000	2.1400000	5.0000000	90.0000000	90.0000000	0.0000000	339.6240565
16426	1.5400000	5.0000000	5.0000000	90.0000000	90.0000000	0.0000000	350.2816646
16427	2.5000000	1.2000000	5.0000000	90.0000000	90.0000000	0.0000000	239.7884811
16428	2.5000000	1.4100000	5.0000000	90.0000000	90.0000000	0.0000000	305.9304311
16429	2.5000000	1.7000000	5.0000000	90.0000000	90.0000000	0.0000000	390.0246946
16430	2.5000000	2.1400000	5.0000000	90.0000000	90.0000000	0.0000000	445.0245362
16431	2.5000000	50.0000000	5.0000000	90.0000000	90.0000000	0.0000000	456.7489450
16432	10.0000000	0.8000000	20.0000000	90.0000000	90.0000000	0.0000000	563.5791257
16433	10.0000000	1.0000000	20.0000000	90.0000000	90.0000000	0.0000000	250.2840891
16434	50.0000000	1.3000000	50.0000000	90.0000000	90.0000000	0.0000000	271.0491047
16435	50.0000000	50.0000000	50.0000000	90.0000000	90.0000000	0.0000000	457.5375456