Załącznik 3

Wyniki obliczeń propagacji hałasu – dzień

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows : Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

S p e c y f i k a c j a e l e m e n t ó w :

Lp.	Nr el.	Symbol	Opis:
	Źródła wszechkierunkowe		
1	1	H1	Pojazdy
2	2	H2	Pojazdy
3	3	H3	Pojazdy
4	4	H4	Pojazdy
5	5	H5	Pojazdy
6	6	H6	Pojazdy
7	7	H7	Pojazdy
8	8	H8	Pojazdy
9	9	H9	Pojazdy
10	10	H10	Pojazdy
11	11	H11	Pojazdy
12	12	H12	Pojazdy
13	13	H13	Pojazdy
14	14	H14	Pojazdy
15	15	H15	Pojazdy
16	16	H16	Pojazdy
17	17	H17	Pojazdy
18	18	H18	Pojazdy
19	19	H19	Pojazdy
20	20	H20	Pojazdy
21	21	H21	Pojazdy
22	22	H22	Pojazdy
23	23	H23	Pojazdy
24	24	H24	Pojazdy
25	25	H25	Pojazdy
26	26	H26	Pojazdy
27	27	H27	Pojazdy
28	28	H28	Pojazdy
29	29	H29	Pojazdy
30	30	H30	Pojazdy
31	31	H31	Pojazdy
32	32	H32	Pojazdy
33	33	H33	Pojazdy
34	34	H34	Pojazdy
35	35	H35	Pojazdy
36	36	H36	Pojazdy
37	37	H37	Pojazdy
38	38	H38	Pojazdy
	Źródła - budynki		
39	1	B1a	Budynek administracyjno - techniczny
40	2	B1b	Budynek administracyjno - techniczny
41	3	B1c	Budynek administracyjno - techniczny
42	4	B2	Magazyn części i punkt demontażu elektrosprzętu
	Punkty obserwacji		
43	1	k1	Punkt kontrolny
44	2	k1	Punkt kontrolny
45	3	k2	Punkt kontrolny
46	4	k2	Punkt kontrolny
47	5	k3	Punkt kontrolny
48	6	k3	Punkt kontrolny
49	7	k4	Punkt kontrolny
50	8	k4	Punkt kontrolny
51	9	k5	Punkt kontrolny
52	10	k5	Punkt kontrolny
53	11	k6	Punkt kontrolny
54	12	k6	Punkt kontrolny

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows : Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

Temperatura powietrza= 10℃ Wilgotność względna RH = 70%

ŹRÓDŁA WSZECHKIERUNKOWE, liczba = 38

Lp	Symbol	x[m]	y[m]	z[m]	L_{WA}[dB]	K_0
1	H1	367,0	279,0	1,5	71,8	3
2	H2	349,0	290,0	1,5	71,8	3
3	H3	330,0	286,0	1,5	71,8	3
4	H4	309,0	277,0	1,5	71,8	3
5	H5	289,0	268,0	1,5	71,8	3
6	H6	271,0	276,0	1,5	71,8	3
7	H7	279,0	279,0	1,5	71,8	3
8	H8	272,0	296,0	1,5	71,8	3
9	H9	265,0	265,0	1,5	71,8	3
10	H10	261,0	290,0	1,5	71,8	3
11	H11	253,0	288,0	1,5	71,8	3
12	H12	251,0	306,0	1,5	71,8	3
13	H13	262,0	324,0	1,5	71,8	3
14	H14	278,0	326,0	1,5	71,8	3
15	H15	297,0	315,0	1,5	71,8	3
16	H16	312,0	313,0	1,5	71,8	3
17	H17	331,0	301,0	1,5	71,8	3
18	H18	337,0	301,0	1,5	71,8	3
19	H19	320,0	312,0	1,5	71,8	3
20	H20	301,0	323,0	1,5	71,8	3
21	H21	283,0	334,0	1,5	71,8	3
22	H22	274,0	290,0	1,5	71,8	3
23	H23	288,0	343,0	1,5	71,8	3
24	H24	307,0	331,0	1,5	71,8	3
25	H25	325,0	320,0	1,5	71,8	3
26	H26	330,0	328,0	1,5	71,8	3
27	H27	313,0	339,0	1,5	71,8	3
28	H28	294,0	351,0	1,5	71,8	3
29	H29	286,0	360,0	1,5	71,8	3
30	H30	300,0	360,0	1,5	71,8	3
31	H31	319,0	349,0	1,5	71,8	3
32	H32	336,0	339,0	1,5	71,8	3
33	H33	323,0	358,0	1,5	71,8	3
34	H34	340,0	347,0	1,5	71,8	3
35	H35	343,0	327,0	1,5	71,8	3
36	H36	348,0	308,0	1,5	71,8	3
37	H37	343,0	305,0	1,5	71,8	3
38	H38	355,0	290,0	1,5	71,8	3

ŹRÓDŁA - BUDYNKI, liczba = 4

Lp	Symbol	x[m] A y[m]	x[m] B y[m]	x[m] C y[m]	x[m] D y[m]	h[m]	h_0[m]	h_w[m]
1	B1a	301,0;282,0	312,0;300,0	309,0;302,0	298,0;284,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
2	B1b	297,0;283,0	310,0;303,0	303,0;307,0	290,0;287,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
3	B1c	290,0;287,0	303,0;307,0	293,0;313,0	281,0;292,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
4	B2	352,0;325,0	352,0;342,0	347,0;342,0	347,0;325,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	25,0	25,0	25,0	25,0	25,0		

PUNKTY OBSERWACJI, liczba = 12

Lp	Symbol	x[m]	y[m]	z[m]	L_{eq}[dB]
1	k1	332,0	67,0	1,5	0,0
2	k1	332,0	67,0	4,0	0,0
3	k2	432,0	247,0	1,5	0,0
4	k2	432,0	247,0	4,0	0,0
5	k3	423,0	392,0	1,5	0,0

Lp	Symbol	x[m]	y[m]	z[m]	L_{sa}[dB]
6	k3	423,0	392,0	4,0	0,0
7	k4	341,0	459,0	1,5	0,0
8	k4	341,0	459,0	4,0	0,0
9	k5	314,0	466,0	1,5	0,0
10	k5	314,0	466,0	4,0	0,0
11	k6	305,0	482,0	1,5	0,0
12	k6	305,0	482,0	4,0	0,0

SIATKA PUNKTÓW OBSERWACJI

X_{min}[m]	X_{max}[m]	Y_{min}[m]	Y_{max}[m]	dx[m]	dy[m]	z[m]	L_{sa}[dB]
0,0	600,0	0,0	600,0	10,0	10,0	1,5	0,00

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows: Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

Temperatura powietrza = 10℃ Wilgotność względna RH = 70%

Równoważny poziom dźwięku A w zadanych punktach obserwacji

Lp.	Symbol	x [m]	y [m]	z [m]	L_A[dB]
1	k1	332,0	67,0	1,5	31,9
2	k1	332,0	67,0	4,0	31,9
3	k2	432,0	247,0	1,5	37,2
4	k2	432,0	247,0	4,0	37,2
5	k3	423,0	392,0	1,5	37,2
6	k3	423,0	392,0	4,0	37,2
7	k4	341,0	459,0	1,5	37,0
8	k4	341,0	459,0	4,0	37,0
9	k5	314,0	466,0	1,5	37,1
10	k5	314,0	466,0	4,0	37,0
11	k6	305,0	482,0	1,5	36,2
12	k6	305,0	482,0	4,0	36,2

x	y	z	L t⁰a	L A
0.0	0.0	1.5	0.0	25.9
0.0	10.0	1.5	0.0	26.0
0.0	20.0	1.5	0.0	26.1
0.0	30.0	1.5	0.0	26.3
0.0	40.0	1.5	0.0	26.5
0.0	50.0	1.5	0.0	26.7
0.0	60.0	1.5	0.0	26.7
0.0	70.0	1.5	0.0	26.9
0.0	80.0	1.5	0.0	27.0
0.0	90.0	1.5	0.0	27.3
0.0	100.0	1.5	0.0	27.3
0.0	110.0	1.5	0.0	27.6
0.0	120.0	1.5	0.0	27.6
0.0	130.0	1.5	0.0	27.6
0.0	140.0	1.5	0.0	27.8
0.0	150.0	1.5	0.0	28.0
0.0	160.0	1.5	0.0	28.2
0.0	170.0	1.5	0.0	28.5
0.0	180.0	1.5	0.0	28.7
0.0	190.0	1.5	0.0	28.9
0.0	200.0	1.5	0.0	29.1
0.0	210.0	1.5	0.0	29.1
0.0	220.0	1.5	0.0	29.2
0.0	230.0	1.5	0.0	29.3
0.0	240.0	1.5	0.0	29.3
0.0	250.0	1.5	0.0	29.5
0.0	260.0	1.5	0.0	29.4
0.0	270.0	1.5	0.0	29.6
0.0	280.0	1.5	0.0	29.7
0.0	290.0	1.5	0.0	29.6
0.0	292.0	1.5	0.0	29.6
0.0	295.0	1.5	0.0	29.7
0.0	300.0	1.5	0.0	29.7
0.0	310.0	1.5	0.0	29.7
0.0	320.0	1.5	0.0	29.8
0.0	330.0	1.5	0.0	29.9
0.0	333.5	1.5	0.0	29.9
0.0	340.0	1.5	0.0	29.8
0.0	350.0	1.5	0.0	29.9
0.0	360.0	1.5	0.0	29.9
0.0	370.0	1.5	0.0	29.9
0.0	380.0	1.5	0.0	29.8
0.0	390.0	1.5	0.0	29.7
0.0	400.0	1.5	0.0	29.8
0.0	410.0	1.5	0.0	29.8
0.0	420.0	1.5	0.0	29.6
0.0	430.0	1.5	0.0	29.5
0.0	440.0	1.5	0.0	29.3
0.0	450.0	1.5	0.0	29.3
0.0	460.0	1.5	0.0	29.2
0.0	470.0	1.5	0.0	29.0
0.0	480.0	1.5	0.0	28.9
0.0	490.0	1.5	0.0	28.8
0.0	500.0	1.5	0.0	28.8
0.0	510.0	1.5	0.0	28.6
0.0	520.0	1.5	0.0	28.5
0.0	530.0	1.5	0.0	28.4
0.0	540.0	1.5	0.0	28.2
0.0	550.0	1.5	0.0	28.0
0.0	560.0	1.5	0.0	27.9
0.0	570.0	1.5	0.0	27.8
0.0	580.0	1.5	0.0	27.7
0.0	590.0	1.5	0.0	27.5
0.0	600.0	1.5	0.0	27.3
10.0	0.0	1.5	0.0	25.9
10.0	10.0	1.5	0.0	26.1
10.0	20.0	1.5	0.0	26.3
10.0	30.0	1.5	0.0	26.5
10.0	40.0	1.5	0.0	26.7
10.0	50.0	1.5	0.0	26.8
10.0	60.0	1.5	0.0	26.9
10.0	70.0	1.5	0.0	27.0
10.0	80.0	1.5	0.0	27.3
10.0	90.0	1.5	0.0	27.4
10.0	100.0	1.5	0.0	27.6
10.0	110.0	1.5	0.0	27.7
10.0	120.0	1.5	0.0	28.0
10.0	130.0	1.5	0.0	28.0
10.0	140.0	1.5	0.0	28.0
10.0	150.0	1.5	0.0	28.2
10.0	160.0	1.5	0.0	28.4
10.0	170.0	1.5	0.0	28.6
10.0	180.0	1.5	0.0	28.9
10.0	190.0	1.5	0.0	29.2
10.0	200.0	1.5	0.0	29.3
10.0	210.0	1.5	0.0	29.4
10.0	220.0	1.5	0.0	29.5
10.0	230.0	1.5	0.0	29.6
10.0	240.0	1.5	0.0	29.7
10.0	250.0	1.5	0.0	29.7
10.0	260.0	1.5	0.0	29.8
10.0	270.0	1.5	0.0	29.9
10.0	280.0	1.5	0.0	30.0
10.0	290.0	1.5	0.0	29.9
10.0	292.0	1.5	0.0	29.9
10.0	295.0	1.5	0.0	30.0
10.0	300.0	1.5	0.0	30.0
10.0	310.0	1.5	0.0	30.0
10.0	320.0	1.5	0.0	30.1
10.0	330.0	1.5	0.0	30.2
10.0	333.5	1.5	0.0	30.2
10.0	340.0	1.5	0.0	30.2
10.0	350.0	1.5	0.0	30.2
10.0	360.0	1.5	0.0	30.2
10.0	370.0	1.5	0.0	30.2
10.0	380.0	1.5	0.0	30.1
10.0	390.0	1.5	0.0	30.0
10.0	400.0	1.5	0.0	30.1
10.0	410.0	1.5	0.0	30.0
10.0	420.0	1.5	0.0	29.9
10.0	430.0	1.5	0.0	29.8
10.0	440.0	1.5	0.0	29.5
10.0	450.0	1.5	0.0	29.5
10.0	460.0	1.5	0.0	29.4
10.0	470.0	1.5	0.0	29.2
10.0	480.0	1.5	0.0	29.2
10.0	490.0	1.5	0.0	29.1
10.0	500.0	1.5	0.0	29.0
10.0	510.0	1.5	0.0	28.9
10.0	520.0	1.5	0.0	28.8
10.0	530.0	1.5	0.0	28.6
10.0	540.0	1.5	0.0	28.4
10.0	550.0	1.5	0.0	28.3
10.0	560.0	1.5	0.0	28.2
10.0	570.0	1.5	0.0	28.0
10.0	580.0	1.5	0.0	27.9
10.0	590.0	1.5	0.0	27.6
10.0	600.0	1.5	0.0	27.4
20.0	0.0	1.5	0.0	26.2
20.0	10.0	1.5	0.0	26.3
20.0	20.0	1.5	0.0	26.5
20.0	30.0	1.5	0.0	26.7
20.0	40.0	1.5	0.0	26.8
20.0	50.0	1.5	0.0	27.1
20.0	60.0	1.5	0.0	27.2
20.0	70.0	1.5	0.0	27.2
20.0	80.0	1.5	0.0	27.4
20.0	90.0	1.5	0.0	27.7
20.0	100.0	1.5	0.0	27.9
20.0	110.0	1.5	0.0	27.8
20.0	120.0	1.5	0.0	28.1
20.0	130.0	1.5	0.0	28.3
20.0	140.0	1.5	0.0	28.4
20.0	150.0	1.5	0.0	28.5
20.0	160.0	1.5	0.0	28.6
20.0	170.0	1.5	0.0	28.9
20.0	180.0	1.5	0.0	29.1
20.0	190.0	1.5	0.0	29.4
20.0	200.0	1.5	0.0	29.6
20.0	210.0	1.5	0.0	29.6
20.0	220.0	1.5	0.0	29.8
20.0	230.0	1.5	0.0	29.8
20.0	240.0	1.5	0.0	30.0
20.0	250.0	1.5	0.0	30.0
20.0	260.0	1.5	0.0	30.2
20.0	270.0	1.5	0.0	30.2
20.0	280.0	1.5	0.0	30.4
20.0	290.0	1.5	0.0	30.3
20.0	292.0	1.5	0.0	30.3
20.0	295.0	1.5	0.0	30.3
20.0	300.0	1.5	0.0	30.3
20.0	310.0	1.5	0.0	30.4
20.0	320.0	1.5	0.0	30.4
20.0	330.0	1.5	0.0	30.5
20.0	333.5	1.5	0.0	30.5
20.0	340.0	1.5	0.0	30.5
20.0	350.0	1.5	0.0	30.6
20.0	360.0	1.5	0.0	30.6
20.0	370.0	1.5	0.0	30.5
20.0	380.0	1.5	0.0	30.4
20.0	390.0	1.5	0.0	30.4
20.0	400.0	1.5	0.0	30.5
20.0	410.0	1.5	0.0	30.3
20.0	420.0	1.5	0.0	30.2
20.0	430.0	1.5	0.0	30.1
20.0	440.0	1.5	0.0	29.9
20.0	450.0	1.5	0.0	29.8
20.0	460.0	1.5	0.0	29.7
20.0	470.0	1.5	0.0	29.5
20.0	480.0	1.5	0.0	29.5
20.0	490.0	1.5	0.0	29.4
20.0	500.0	1.5	0.0	29.2
20.0	510.0	1.5	0.0	29.1
20.0	520.0	1.5	0.0	28.9
20.0	530.0	1.5	0.0	28.8
20.0	540.0	1.5	0.0	28.7
20.0	550.0	1.5	0.0	28.5
20.0	560.0	1.5	0.0	28.3
20.0	570.0	1.5	0.0	28.2
20.0	580.0	1.5	0.0	27.9
20.0	590.0	1.5	0.0	27.8
20.0	600.0	1.5	0.0	27.6
30.0	0.0	1.5	0.0	26.4
30.0	10.0	1.5	0.0	26.6
30.0	20.0	1.5	0.0	26.7
30.0	30.0	1.5	0.0	26.8
30.0	40.0	1.5	0.0	27.0
30.0	50.0	1.5	0.0	27.1
30.0	60.0	1.5	0.0	27.4
30.0	70.0	1.5	0.0	27.6
30.0	80.0	1.5	0.0	27.6
30.0	90.0	1.5	0.0	27.8
30.0	100.0	1.5	0.0	28.0
30.0	110.0	1.5	0.0	28.2
30.0	120.0	1.5	0.0	28.3
30.0	130.0	1.5	0.0	28.6
30.0	140.0	1.5	0.0	28.6
30.0	150.0	1.5	0.0	28.7
30.0	160.0	1.5	0.0	28.9
30.0	170.0	1.5	0.0	29.0
30.0	180.0	1.5	0.0	29.3
30.0	190.0	1.5	0.0	29.5
30.0	200.0	1.5	0.0	29.8
30.0	210.0	1.5	0.0	30.0
30.0	220.0	1.5	0.0	30.1
30.0	230.0	1.5	0.0	30.2
30.0	240.0	1.5	0.0	30.3
30.0	250.0	1.5	0.0	30.3
30.0	260.0	1.5	0.0	30.5
30.0	270.0	1.5	0.0	30.5
30.0	280.0	1.5	0.0	30.7
30.0	290.0	1.5	0.0	30.6
30.0	292.0	1.5	0.0	30.6
30.0	295.0	1.5	0.0	30.7
30.0	300.0	1.5	0.0	30.7
30.0	310.0	1.5	0.0	30.7
30.0	320.0	1.5	0.0	30.8
30.0	330.0	1.5	0.0	30.9
30.0	333.5	1.5	0.0	30.9
30.0	340.0	1.5	0.0	30.9
30.0	350.0	1.5	0.0	30.9
30.0	360.0	1.5	0.0	30.9
30.0	370.0	1.5	0.0	30.8
30.0	380.0	1.5	0.0	30.7
30.0	390.0	1.5	0.0	30.8
30.0	400.0	1.5	0.0	30.8
30.0	410.0	1.5	0.0	30.6
30.0	420.0	1.5	0.0	30.4
30.0	430.0	1.5	0.0	30.2
30.0	440.0	1.5	0.0	30.2
30.0	450.0	1.5	0.0	30.1
30.0	460.0	1.5	0.0	29.9
30.0	470.0	1.5	0.0	29.8
30.0	480.0	1.5	0.0	29.8
30.0	490.0	1.5	0.0	29.6
30.0	500.0	1.5	0.0	29.5
30.0	510.0	1.5	0.0	29.4
30.0	520.0	1.5	0.0	29.2
30.0	530.0	1.5	0.0	29.0
30.0	540.0	1.5	0.0	28.8
30.0	550.0	1.5	0.0	28.7
30.0	560.0	1.5	0.0	28.5
30.0	570.0	1.5	0.0	28.2
30.0	580.0	1.5	0.0	28.1
30.0	590.0	1.5	0.0	28.0
30.0	600.0	1.5	0.0	27.9
40.0	0.0	1.5	0.0	26.7
40.0	10.0	1.5	0.0	26.8
40.0	20.0	1.5	0.0	26.9
40.0	30.0	1.5	0.0	27.0
40.0	40.0	1.5	0.0	27.1
40.0	50.0	1.5	0.0	27.4
40.0	60.0	1.5	0.0	27.5
40.0	70.0	1.5	0.0	27.8
40.0	80.0	1.5	0.0	27.9
40.0	90.0	1.5	0.0	28.0
40.0	100.0	1.5	0.0	28.2
40.0	110.0	1.5	0.0	28.3
40.0	120.0	1.5	0.0	28.6
40.0	130.0	1.5	0.0	28.8
40.0	140.0	1.5	0.0	28.9
40.0	150.0	1.5	0.0	29.0
40.0	160.0	1.5	0.0	29.1
40.0	170.0	1.5	0.0	29.3
40.0	180.0	1.5	0.0	29.6
40.0	190.0	1.5	0.0	29.8
40.0	200.0	1.5	0.0	30.1
40.0	210.0	1.5	0.0	30.3
40.0	220.0	1.5	0.0	30.4
40.0	230.0	1.5	0.0	30.5
40.0	240.0	1.5	0.0	30.6
40.0	250.0	1.5	0.0	30.7
40.0	260.0	1.5	0.0	30.8
40.0	270.0	1.5	0.0	30.8
40.0	280.0	1.5	0.0	31.0
40.0	290.0	1.5	0.0	31.0
40.0	292.0	1.5	0.0	30.9
40.0	295.0	1.5	0.0	31.0
40.0	300.0	1.5	0.0	31.0
40.0	310.0	1.5	0.0	31.0
40.0	320.0	1.5	0.0	31.1
40.0	330.0	1.5	0.0	31.2
40.0	333.5	1.5	0.0	31.2
40.0	340.0	1.5	0.0	31.2
40.0	350.0	1.5	0.0	31.3
40.0	360.0	1.5	0.0	31.3
40.0	370.0	1.5	0.0	31.1
40.0	380.0	1.5	0.0	31.1
40.0	390.0	1.5	0.0	31.1
40.0	400.0	1.5	0.0	31.0
40.0	410.0	1.5	0.0	30.9
40.0	420.0	1.5	0.0	30.8
40.0	430.0	1.5	0.0	30.5
40.0	440.0	1.5	0.0	30.5
40.0	450.0	1.5	0.0	30.3
40.0	460.0	1.5	0.0	30.2
40.0	470.0	1.5	0.0	30.1
40.0	480.0	1.5	0.0	30.0
40.0	490.0	1.5	0.0	29.9
40.0	500.0	1.5	0.0	29.8
40.0	510.0	1.5	0.0	29.5
40.0	520.0	1.5	0.0	29.3
40.0	530.0	1.5	0.0	29.2
40.0	540.0	1.5	0.0	29.1
40.0	550.0	1.5	0.0	28.9
40.0	560.0	1.5	0.0	28.6
40.0	570.0	1.5	0.0	28.5
40.0	580.0	1.5	0.0	28.3
40.0	590.0	1.5	0.0	28.2
40.0	600.0	1.5	0.0	28.0
50.0	0.0	1.5	0.0	26.8
50.0	10.0	1.5	0.0	27.0
50.0	20.0	1.5	0.0	27.1
50.0	30.0	1.5	0.0	27.2
50.0	40.0	1.5	0.0	27.4
50.0	50.0	1.5	0.0	27.5
50.0	60.0	1.5	0.0	27.7
50.0	70.0	1.5	0.0	27.9
50.0	80.0	1.5	0.0	28.2
50.0	90.0	1.5	0.0	28.3
50.0	100.0	1.5	0.0	28.4
50.0	110.0	1.5	0.0	28.7
50.0	120.0	1.5	0.0	28.9
50.0	130.0	1.5	0.0	28.8
50.0	140.0	1.5	0.0	29.2
50.0	150.0	1.5	0.0	29.3
50.0	160.0	1.5	0.0	29.5
50.0	170.0	1.5	0.0	29.6
50.0	180.0	1.5	0.0	29.8
50.0	190.0	1.5	0.0	30.0
50.0	200.0	1.5	0.0	30.3
50.0	210.0	1.5	0.0	30.6
50.0	220.0	1.5	0.0	30.7
50.0	230.0	1.5	0.0	30.9
50.0	240.0	1.5	0.0	30.9
50.0	250.0	1.5	0.0	31.0
50.0	260.0	1.5	0.0	31.2
50.0	270.0	1.5	0.0	31.2
50.0	280.0	1.5	0.0	31.3
50.0	290.0	1.5	0.0	31.4
50.0	292.0	1.5	0.0	31.3
50.0	295.0	1.5	0.0	31.4
50.0	300.0	1.5	0.0	31.4
50.0	310.0	1.5	0.0	31.4
50.0	320.0	1.5	0.0	31.5
50.0	330.0	1.5	0.0	31.6
50.0	333.5	1.5	0.0	31.6
50.0	340.0	1.5	0.0	31.6
50.0	350.0	1.5	0.0	31.6
50.0	360.0	1.5	0.0	31.6
50.0	370.0	1.5	0.0	31.5
50.0	380.0	1.5	0.0	31.4
50.0	390.0	1.5	0.0	31.5
50.0	400.0	1.5	0.0	31.4
50.0	410.0	1.5	0.0	31.2
50.0	420.0	1.5	0.0	31.1
50.0	430.0	1.5	0.0	30.9
50.0	440.0	1.5	0.0	30.8
50.0	450.0	1.5	0.0	30.6
50.0	460.0	1.5	0.0	30.6
50.0	470.0	1.5	0.0	30.4
50.0	480.0	1.5	0.0	30.3
50.0	490.0	1.5	0.0	30.2
50.0	500.0	1.5	0.0	30.0
50.0	510.0	1.5	0.0	29.7
50.0	520.0	1.5	0.0	29.6
50.0	530.0	1.5	0.0	29.5

50.0	540.0	1.5	0.0	29.3	70.0	540.0	1.5	0.0	29.6	90.0	540.0	1.5	0.0	30.2
50.0	550.0	1.5	0.0	29.0	70.0	550.0	1.5	0.0	29.5	90.0	550.0	1.5	0.0	30.0
50.0	560.0	1.5	0.0	28.9	70.0	560.0	1.5	0.0	29.3	90.0	560.0	1.5	0.0	29.6
50.0	570.0	1.5	0.0	28.7	70.0	570.0	1.5	0.0	29.2	90.0	570.0	1.5	0.0	29.4
50.0	580.0	1.5	0.0	28.6	70.0	580.0	1.5	0.0	28.9	90.0	580.0	1.5	0.0	29.2
50.0	590.0	1.5	0.0	28.3	70.0	590.0	1.5	0.0	28.7	90.0	590.0	1.5	0.0	29.0
50.0	600.0	1.5	0.0	28.1	70.0	600.0	1.5	0.0	28.5	90.0	600.0	1.5	0.0	28.8
60.0	0.0	1.5	0.0	26.9	80.0	0.0	1.5	0.0	27.4	100.0	0.0	1.5	0.0	27.6
60.0	10.0	1.5	0.0	27.1	80.0	10.0	1.5	0.0	27.4	100.0	10.0	1.5	0.0	27.8
60.0	20.0	1.5	0.0	27.3	80.0	20.0	1.5	0.0	27.6	100.0	20.0	1.5	0.0	28.0
60.0	30.0	1.5	0.0	27.5	80.0	30.0	1.5	0.0	27.8	100.0	30.0	1.5	0.0	28.3
60.0	40.0	1.5	0.0	27.6	80.0	40.0	1.5	0.0	28.1	100.0	40.0	1.5	0.0	28.3
60.0	50.0	1.5	0.0	27.7	80.0	50.0	1.5	0.0	28.2	100.0	50.0	1.5	0.0	28.6
60.0	60.0	1.5	0.0	27.9	80.0	60.0	1.5	0.0	28.4	100.0	60.0	1.5	0.0	28.8
60.0	70.0	1.5	0.0	28.1	80.0	70.0	1.5	0.0	28.5	100.0	70.0	1.5	0.0	29.0
60.0	80.0	1.5	0.0	28.3	80.0	80.0	1.5	0.0	28.7	100.0	80.0	1.5	0.0	29.2
60.0	90.0	1.5	0.0	28.6	80.0	90.0	1.5	0.0	28.9	100.0	90.0	1.5	0.0	29.4
60.0	100.0	1.5	0.0	28.7	80.0	100.0	1.5	0.0	29.1	100.0	100.0	1.5	0.0	29.6
60.0	110.0	1.5	0.0	28.8	80.0	110.0	1.5	0.0	29.4	100.0	110.0	1.5	0.0	29.8
60.0	120.0	1.5	0.0	29.1	80.0	120.0	1.5	0.0	29.5	100.0	120.0	1.5	0.0	30.1
60.0	130.0	1.5	0.0	29.2	80.0	130.0	1.5	0.0	29.7	100.0	130.0	1.5	0.0	30.4
60.0	140.0	1.5	0.0	29.4	80.0	140.0	1.5	0.0	30.0	100.0	140.0	1.5	0.0	30.5
60.0	150.0	1.5	0.0	29.7	80.0	150.0	1.5	0.0	30.1	100.0	150.0	1.5	0.0	30.8
60.0	160.0	1.5	0.0	29.7	80.0	160.0	1.5	0.0	30.3	100.0	160.0	1.5	0.0	31.0
60.0	170.0	1.5	0.0	29.8	80.0	170.0	1.5	0.0	30.5	100.0	170.0	1.5	0.0	31.2
60.0	180.0	1.5	0.0	30.0	80.0	180.0	1.5	0.0	30.6	100.0	180.0	1.5	0.0	31.4
60.0	190.0	1.5	0.0	30.3	80.0	190.0	1.5	0.0	30.9	100.0	190.0	1.5	0.0	31.6
60.0	200.0	1.5	0.0	30.6	80.0	200.0	1.5	0.0	31.2	100.0	200.0	1.5	0.0	31.7
60.0	210.0	1.5	0.0	30.9	80.0	210.0	1.5	0.0	31.5	100.0	210.0	1.5	0.0	32.1
60.0	220.0	1.5	0.0	31.1	80.0	220.0	1.5	0.0	31.8	100.0	220.0	1.5	0.0	32.4
60.0	230.0	1.5	0.0	31.2	80.0	230.0	1.5	0.0	32.0	100.0	230.0	1.5	0.0	32.7
60.0	240.0	1.5	0.0	31.2	80.0	240.0	1.5	0.0	32.0	100.0	240.0	1.5	0.0	32.8
60.0	250.0	1.5	0.0	31.4	80.0	250.0	1.5	0.0	32.1	100.0	250.0	1.5	0.0	32.8
60.0	260.0	1.5	0.0	31.5	80.0	260.0	1.5	0.0	32.2	100.0	260.0	1.5	0.0	33.0
60.0	270.0	1.5	0.0	31.6	80.0	270.0	1.5	0.0	32.4	100.0	270.0	1.5	0.0	33.2
60.0	280.0	1.5	0.0	31.7	80.0	280.0	1.5	0.0	32.5	100.0	280.0	1.5	0.0	33.3
60.0	290.0	1.5	0.0	31.8	80.0	290.0	1.5	0.0	32.6	100.0	290.0	1.5	0.0	33.4
60.0	292.0	1.5	0.0	31.8	80.0	292.0	1.5	0.0	32.6	100.0	292.0	1.5	0.0	33.4
60.0	295.0	1.5	0.0	31.7	80.0	295.0	1.5	0.0	32.6	100.0	295.0	1.5	0.0	33.5
60.0	300.0	1.5	0.0	31.8	80.0	300.0	1.5	0.0	32.6	100.0	300.0	1.5	0.0	33.5
60.0	310.0	1.5	0.0	31.8	80.0	310.0	1.5	0.0	32.6	100.0	310.0	1.5	0.0	33.4
60.0	320.0	1.5	0.0	31.9	80.0	320.0	1.5	0.0	32.6	100.0	320.0	1.5	0.0	33.5
60.0	330.0	1.5	0.0	32.0	80.0	330.0	1.5	0.0	32.7	100.0	330.0	1.5	0.0	33.6
60.0	333.5	1.5	0.0	31.9	80.0	333.5	1.5	0.0	32.8	100.0	333.5	1.5	0.0	33.6
60.0	340.0	1.5	0.0	32.0	80.0	340.0	1.5	0.0	32.7	100.0	340.0	1.5	0.0	33.6
60.0	350.0	1.5	0.0	32.0	80.0	350.0	1.5	0.0	32.8	100.0	350.0	1.5	0.0	33.6
60.0	360.0	1.5	0.0	32.0	80.0	360.0	1.5	0.0	32.7	100.0	360.0	1.5	0.0	33.5
60.0	370.0	1.5	0.0	31.8	80.0	370.0	1.5	0.0	32.6	100.0	370.0	1.5	0.0	33.4
60.0	380.0	1.5	0.0	31.8	80.0	380.0	1.5	0.0	32.6	100.0	380.0	1.5	0.0	33.3
60.0	390.0	1.5	0.0	31.8	80.0	390.0	1.5	0.0	32.5	100.0	390.0	1.5	0.0	33.2
60.0	400.0	1.5	0.0	31.7	80.0	400.0	1.5	0.0	32.3	100.0	400.0	1.5	0.0	33.0
60.0	410.0	1.5	0.0	31.5	80.0	410.0	1.5	0.0	32.2	100.0	410.0	1.5	0.0	32.8
60.0	420.0	1.5	0.0	31.4	80.0	420.0	1.5	0.0	32.0	100.0	420.0	1.5	0.0	32.7
60.0	430.0	1.5	0.0	31.2	80.0	430.0	1.5	0.0	31.9	100.0	430.0	1.5	0.0	32.7
60.0	440.0	1.5	0.0	31.0	80.0	440.0	1.5	0.0	31.8	100.0	440.0	1.5	0.0	32.4
60.0	450.0	1.5	0.0	31.0	80.0	450.0	1.5	0.0	31.6	100.0	450.0	1.5	0.0	32.2
60.0	460.0	1.5	0.0	30.9	80.0	460.0	1.5	0.0	31.5	100.0	460.0	1.5	0.0	32.1
60.0	470.0	1.5	0.0	30.7	80.0	470.0	1.5	0.0	31.3	100.0	470.0	1.5	0.0	31.8
60.0	480.0	1.5	0.0	30.5	80.0	480.0	1.5	0.0	31.1	100.0	480.0	1.5	0.0	31.6
60.0	490.0	1.5	0.0	30.4	80.0	490.0	1.5	0.0	31.0	100.0	490.0	1.5	0.0	31.4
60.0	500.0	1.5	0.0	30.1	80.0	500.0	1.5	0.0	30.7	100.0	500.0	1.5	0.0	31.2
60.0	510.0	1.5	0.0	30.0	80.0	510.0	1.5	0.0	30.5	100.0	510.0	1.5	0.0	30.9
60.0	520.0	1.5	0.0	29.9	80.0	520.0	1.5	0.0	30.3	100.0	520.0	1.5	0.0	30.8
60.0	530.0	1.5	0.0	29.7	80.0	530.0	1.5	0.0	30.1	100.0	530.0	1.5	0.0	30.6
60.0	540.0	1.5	0.0	29.4	80.0	540.0	1.5	0.0	29.9	100.0	540.0	1.5	0.0	30.4
60.0	550.0	1.5	0.0	29.2	80.0	550.0	1.5	0.0	29.8	100.0	550.0	1.5	0.0	30.1
60.0	560.0	1.5	0.0	29.1	80.0	560.0	1.5	0.0	29.6	100.0	560.0	1.5	0.0	29.8
60.0	570.0	1.5	0.0	28.9	80.0	570.0	1.5	0.0	29.3	100.0	570.0	1.5	0.0	29.7
60.0	580.0	1.5	0.0	28.7	80.0	580.0	1.5	0.0	29.0	100.0	580.0	1.5	0.0	29.4
60.0	590.0	1.5	0.0	28.5	80.0	590.0	1.5	0.0	28.9	100.0	590.0	1.5	0.0	29.2
60.0	600.0	1.5	0.0	28.3	80.0	600.0	1.5	0.0	28.7	100.0	600.0	1.5	0.0	28.9
70.0	0.0	1.5	0.0	27.0	90.0	0.0	1.5	0.0	27.5	110.0	0.0	1.5	0.0	27.7
70.0	10.0	1.5	0.0	27.2	90.0	10.0	1.5	0.0	27.7	110.0	10.0	1.5	0.0	27.9
70.0	20.0	1.5	0.0	27.4	90.0	20.0	1.5	0.0	27.8	110.0	20.0	1.5	0.0	28.1
70.0	30.0	1.5	0.0	27.7	90.0	30.0	1.5	0.0	27.9	110.0	30.0	1.5	0.0	28.4
70.0	40.0	1.5	0.0	27.8	90.0	40.0	1.5	0.0	28.2	110.0	40.0	1.5	0.0	28.7
70.0	50.0	1.5	0.0	28.0	90.0	50.0	1.5	0.0	28.4	110.0	50.0	1.5	0.0	28.7
70.0	60.0	1.5	0.0	28.1	90.0	60.0	1.5	0.0	28.6	110.0	60.0	1.5	0.0	29.0
70.0	70.0	1.5	0.0	28.3	90.0	70.0	1.5	0.0	28.8	110.0	70.0	1.5	0.0	29.2
70.0	80.0	1.5	0.0	28.5	90.0	80.0	1.5	0.0	28.9	110.0	80.0	1.5	0.0	29.4
70.0	90.0	1.5	0.0	28.7	90.0	90.0	1.5	0.0	29.1	110.0	90.0	1.5	0.0	29.7
70.0	100.0	1.5	0.0	29.0	90.0	100.0	1.5	0.0	29.4	110.0	100.0	1.5	0.0	29.9
70.0	110.0	1.5	0.0	29.2	90.0	110.0	1.5	0.0	29.6	110.0	110.0	1.5	0.0	30.0
70.0	120.0	1.5	0.0	29.2	90.0	120.0	1.5	0.0	29.9	110.0	120.0	1.5	0.0	30.3
70.0	130.0	1.5	0.0	29.5	90.0	130.0	1.5	0.0	30.0	110.0	130.0	1.5	0.0	30.6
70.0	140.0	1.5	0.0	29.7	90.0	140.0	1.5	0.0	30.2	110.0	140.0	1.5	0.0	30.9
70.0	150.0	1.5	0.0	29.9	90.0	150.0	1.5	0.0	30.5	110.0	150.0	1.5	0.0	31.0
70.0	160.0	1.5	0.0	30.1	90.0	160.0	1.5	0.0	30.7	110.0	160.0	1.5	0.0	31.3
70.0	170.0	1.5	0.0	30.2	90.0	170.0	1.5	0.0	30.9	110.0	170.0	1.5	0.0	31.4
70.0	180.0	1.5	0.0	30.4	90.0	180.0	1.5	0.0	31.0	110.0	180.0	1.5	0.0	31.7
70.0	190.0	1.5	0.0	30.5	90.0	190.0	1.5	0.0	31.2	110.0	190.0	1.5	0.0	31.9
70.0	200.0	1.5	0.0	30.9	90.0	200.0	1.5	0.0	31.4	110.0	200.0	1.5	0.0	32.1
70.0	210.0	1.5	0.0	31.2	90.0	210.0	1.5	0.0	31.7	110.0	210.0	1.5	0.0	32.3
70.0	220.0	1.5	0.0	31.4	90.0	220.0	1.5	0.0	32.1	110.0	220.0	1.5	0.0	32.7
70.0	230.0	1.5	0.0	31.6	90.0	230.0	1.5	0.0	32.3	110.0	230.0	1.5	0.0	33.0
70.0	240.0	1.5	0.0	31.7	90.0	240.0	1.5	0.0	32.4	110.0	240.0	1.5	0.0	33.3
70.0	250.0	1.5	0.0	31.7	90.0	250.0	1.5	0.0	32.4	110.0	250.0	1.5	0.0	33.5
70.0	260.0	1.5	0.0	31.9	90.0	260.0	1.5	0.0	32.6	110.0	260.0	1.5	0.0	33.4
70.0	270.0	1.5	0.0	32.0	90.0	270.0	1.5	0.0	32.8	110.0	270.0	1.5	0.0	33.6
70.0	280.0	1.5	0.0	32.1	90.0	280.0	1.5	0.0	32.9	110.0	280.0	1.5	0.0	33.8
70.0	290.0	1.5	0.0	32.2	90.0	290.0	1.5	0.0	33.0	110.0	290.0	1.5	0.0	33.9
70.0	292.0	1.5	0.0	32.2	90.0	292.0	1.5	0.0	33.0	110.0	292.0	1.5	0.0	33.9
70.0	295.0	1.5	0.0	32.1	90.0	295.0	1.5	0.0	33.1	110.0	295.0	1.5	0.0	34.0
70.0	300.0	1.5	0.0	32.1	90.0	300.0	1.5	0.0	33.0	110.0	300.0	1.5	0.0	33.9
70.0	310.0	1.5	0.0	32.2	90.0	310.0	1.5	0.0	33.0	110.0	310.0	1.5	0.0	33.9
70.0	320.0	1.5	0.0	32.2	90.0	320.0	1.5	0.0	33.1	110.0	320.0	1.5	0.0	34.0
70.0	330.0	1.5	0.0	32.3	90.0	330.0	1.5	0.0	33.1	110.0	330.0	1.5	0.0	34.1
70.0	333.5	1.5	0.0	32.4	90.0	333.5	1.5	0.0	33.2	110.0	333.5	1.5	0.0	34.1
70.0	340.0	1.5	0.0	32.4	90.0	340.0	1.5	0.0	33.2	110.0	340.0	1.5	0.0	34.0
70.0	350.0	1.5	0.0	32.4	90.0	350.0	1.5	0.0	33.2	110.0	350.0	1.5	0.0	34.1
70.0	360.0	1.5	0.0	32.3	90.0	360.0	1.5	0.0	33.1	110.0	360.0	1.5	0.0	34.0
70.0	370.0	1.5	0.0	32.2	90.0	370.0	1.5	0.0	33.0	110.0	370.0	1.5	0.0	33.9
70.0	380.0	1.5	0.0	32.2	90.0	380.0	1.5	0.0	33.0	110.0	380.0	1.5	0.0	33.8
70.0	390.0	1.5	0.0	32.1	90.0	390.0	1.5	0.0	32.9	110.0	390.0	1.5	0.0	33.7
70.0	400.0	1.5	0.0	32.0	90.0	400.0	1.5	0.0	32.7	110.0	400.0	1.5	0.0	33.4
70.0	410.0	1.5	0.0	31.8	90.0	410.0	1.5	0.0	32.5	110.0	410.0	1.5	0.0	33.3
70.0	420.0	1.5	0.0	31.7	90.0	420.0	1.5	0.0	32.3	110.0	420.0	1.5	0.0	33.2
70.0	430.0	1.5	0.0	31.5	90.0	430.0	1.5	0.0	32.3	110.0	430.0	1.5	0.0	33.0
70.0	440.0	1.5	0.0	31.4	90.0	440.0	1.5	0.0	32.1	110.0	440.0	1.5	0.0	32.8
70.0	450.0	1.5	0.0	31.3	90.0	450.0	1.5	0.0	31.9	110.0	450.0	1.5	0.0	32.6
70.0	460.0	1.5	0.0	31.2	90.0	460.0	1.5	0.0	31.7	110.0	460.0	1.5	0.0	32.3
70.0	470.0	1.5	0.0	31.0	90.0	470.0	1.5	0.0	31.6	110.0	470.0	1.5	0.0	32.1
70.0	480.0	1.5	0.0	30.9	90.0	480.0	1.5	0.0	31.3	110.0	480.0	1.5	0.0	31.9
70.0	490.0	1.5	0.0	30.7	90.0	490.0	1.5	0.0	31.1	110.0	490.0	1.5	0.0	31.7
70.0	500.0	1.5	0.0	30.4	90.0	500.0	1.5	0.0	31.0	110.0	500.0	1.5	0.0	31.4
70.0	510.0	1.5	0.0	30.3	90.0	510.0	1.5	0.0	30.8	110.0	510.0	1.5	0.0	31.3
70.0	520.0	1.5	0.0	30.1	90.0	520.0	1.5	0.0	30.5	110.0	520.0	1.5	0.0	31.1
70.0	530.0	1.5	0.0	29.8	90.0	530.0	1.5	0.0	30.3	110.0	530.0	1.5	0.0	30.8

110.0	540.0	1.5	0.0	30.5	130.0	540.0	1.5	0.0	30.9	150.0	540.0	1.5	0.0	31.3
110.0	550.0	1.5	0.0	30.3	130.0	550.0	1.5	0.0	30.7	150.0	550.0	1.5	0.0	31.0
110.0	560.0	1.5	0.0	30.1	130.0	560.0	1.5	0.0	30.3	150.0	560.0	1.5	0.0	30.8
110.0	570.0	1.5	0.0	29.9	130.0	570.0	1.5	0.0	30.1	150.0	570.0	1.5	0.0	30.3
110.0	580.0	1.5	0.0	29.5	130.0	580.0	1.5	0.0	29.9	150.0	580.0	1.5	0.0	30.2
110.0	590.0	1.5	0.0	29.2	130.0	590.0	1.5	0.0	29.5	150.0	590.0	1.5	0.0	30.1
110.0	600.0	1.5	0.0	29.0	130.0	600.0	1.5	0.0	29.3	150.0	600.0	1.5	0.0	29.8
120.0	0.0	1.5	0.0	27.6	140.0	0.0	1.5	0.0	28.4	160.0	0.0	1.5	0.0	28.4
120.0	10.0	1.5	0.0	27.9	140.0	10.0	1.5	0.0	28.6	160.0	10.0	1.5	0.0	28.8
120.0	20.0	1.5	0.0	28.3	140.0	20.0	1.5	0.0	28.6	160.0	20.0	1.5	0.0	29.1
120.0	30.0	1.5	0.0	28.5	140.0	30.0	1.5	0.0	28.6	160.0	30.0	1.5	0.0	29.4
120.0	40.0	1.5	0.0	28.8	140.0	40.0	1.5	0.0	28.9	160.0	40.0	1.5	0.0	29.9
120.0	50.0	1.5	0.0	29.0	140.0	50.0	1.5	0.0	29.3	160.0	50.0	1.5	0.0	29.8
120.0	60.0	1.5	0.0	29.2	140.0	60.0	1.5	0.0	29.6	160.0	60.0	1.5	0.0	29.8
120.0	70.0	1.5	0.0	29.3	140.0	70.0	1.5	0.0	29.9	160.0	70.0	1.5	0.0	30.1
120.0	80.0	1.5	0.0	29.7	140.0	80.0	1.5	0.0	30.2	160.0	80.0	1.5	0.0	30.5
120.0	90.0	1.5	0.0	29.8	140.0	90.0	1.5	0.0	30.3	160.0	90.0	1.5	0.0	30.9
120.0	100.0	1.5	0.0	30.2	140.0	100.0	1.5	0.0	30.6	160.0	100.0	1.5	0.0	31.2
120.0	110.0	1.5	0.0	30.4	140.0	110.0	1.5	0.0	30.8	160.0	110.0	1.5	0.0	31.4
120.0	120.0	1.5	0.0	30.6	140.0	120.0	1.5	0.0	31.1	160.0	120.0	1.5	0.0	31.7
120.0	130.0	1.5	0.0	30.9	140.0	130.0	1.5	0.0	31.4	160.0	130.0	1.5	0.0	32.0
120.0	140.0	1.5	0.0	31.1	140.0	140.0	1.5	0.0	31.6	160.0	140.0	1.5	0.0	32.2
120.0	150.0	1.5	0.0	31.4	140.0	150.0	1.5	0.0	32.0	160.0	150.0	1.5	0.0	32.6
120.0	160.0	1.5	0.0	31.6	140.0	160.0	1.5	0.0	32.3	160.0	160.0	1.5	0.0	32.8
120.0	170.0	1.5	0.0	32.0	140.0	170.0	1.5	0.0	32.6	160.0	170.0	1.5	0.0	33.3
120.0	180.0	1.5	0.0	32.0	140.0	180.0	1.5	0.0	32.7	160.0	180.0	1.5	0.0	33.6
120.0	190.0	1.5	0.0	32.3	140.0	190.0	1.5	0.0	33.0	160.0	190.0	1.5	0.0	33.8
120.0	200.0	1.5	0.0	32.5	140.0	200.0	1.5	0.0	33.3	160.0	200.0	1.5	0.0	34.3
120.0	210.0	1.5	0.0	32.7	140.0	210.0	1.5	0.0	33.6	160.0	210.0	1.5	0.0	34.4
120.0	220.0	1.5	0.0	33.1	140.0	220.0	1.5	0.0	33.8	160.0	220.0	1.5	0.0	34.8
120.0	230.0	1.5	0.0	33.4	140.0	230.0	1.5	0.0	34.2	160.0	230.0	1.5	0.0	35.0
120.0	240.0	1.5	0.0	33.7	140.0	240.0	1.5	0.0	34.5	160.0	240.0	1.5	0.0	35.5
120.0	250.0	1.5	0.0	33.9	140.0	250.0	1.5	0.0	34.9	160.0	250.0	1.5	0.0	35.8
120.0	260.0	1.5	0.0	33.8	140.0	260.0	1.5	0.0	34.8	160.0	260.0	1.5	0.0	36.2
120.0	270.0	1.5	0.0	34.1	140.0	270.0	1.5	0.0	35.0	160.0	270.0	1.5	0.0	36.2
120.0	280.0	1.5	0.0	34.2	140.0	280.0	1.5	0.0	35.3	160.0	280.0	1.5	0.0	36.4
120.0	290.0	1.5	0.0	34.3	140.0	290.0	1.5	0.0	35.4	160.0	290.0	1.5	0.0	36.6
120.0	292.0	1.5	0.0	34.3	140.0	292.0	1.5	0.0	35.4	160.0	292.0	1.5	0.0	36.7
120.0	295.0	1.5	0.0	34.5	140.0	295.0	1.5	0.0	35.5	160.0	295.0	1.5	0.0	36.8
120.0	300.0	1.5	0.0	34.4	140.0	300.0	1.5	0.0	35.5	160.0	300.0	1.5	0.0	36.8
120.0	310.0	1.5	0.0	34.4	140.0	310.0	1.5	0.0	35.5	160.0	310.0	1.5	0.0	36.8
120.0	320.0	1.5	0.0	34.5	140.0	320.0	1.5	0.0	35.6	160.0	320.0	1.5	0.0	36.8
120.0	330.0	1.5	0.0	34.6	140.0	330.0	1.5	0.0	35.6	160.0	330.0	1.5	0.0	36.8
120.0	333.5	1.5	0.0	34.6	140.0	333.5	1.5	0.0	35.6	160.0	333.5	1.5	0.0	36.8
120.0	340.0	1.5	0.0	34.5	140.0	340.0	1.5	0.0	35.6	160.0	340.0	1.5	0.0	36.8
120.0	350.0	1.5	0.0	34.5	140.0	350.0	1.5	0.0	35.5	160.0	350.0	1.5	0.0	36.7
120.0	360.0	1.5	0.0	34.4	140.0	360.0	1.5	0.0	35.5	160.0	360.0	1.5	0.0	36.4
120.0	370.0	1.5	0.0	34.4	140.0	370.0	1.5	0.0	35.2	160.0	370.0	1.5	0.0	36.3
120.0	380.0	1.5	0.0	34.2	140.0	380.0	1.5	0.0	35.1	160.0	380.0	1.5	0.0	36.3
120.0	390.0	1.5	0.0	34.1	140.0	390.0	1.5	0.0	35.0	160.0	390.0	1.5	0.0	36.0
120.0	400.0	1.5	0.0	33.8	140.0	400.0	1.5	0.0	34.8	160.0	400.0	1.5	0.0	35.7
120.0	410.0	1.5	0.0	33.7	140.0	410.0	1.5	0.0	34.6	160.0	410.0	1.5	0.0	35.4
120.0	420.0	1.5	0.0	33.6	140.0	420.0	1.5	0.0	34.3	160.0	420.0	1.5	0.0	35.1
120.0	430.0	1.5	0.0	33.3	140.0	430.0	1.5	0.0	34.1	160.0	430.0	1.5	0.0	34.8
120.0	440.0	1.5	0.0	33.2	140.0	440.0	1.5	0.0	33.9	160.0	440.0	1.5	0.0	34.6
120.0	450.0	1.5	0.0	32.9	140.0	450.0	1.5	0.0	33.7	160.0	450.0	1.5	0.0	34.2
120.0	460.0	1.5	0.0	32.7	140.0	460.0	1.5	0.0	33.3	160.0	460.0	1.5	0.0	34.0
120.0	470.0	1.5	0.0	32.4	140.0	470.0	1.5	0.0	33.0	160.0	470.0	1.5	0.0	33.7
120.0	480.0	1.5	0.0	32.2	140.0	480.0	1.5	0.0	32.8	160.0	480.0	1.5	0.0	33.4
120.0	490.0	1.5	0.0	31.9	140.0	490.0	1.5	0.0	32.6	160.0	490.0	1.5	0.0	33.1
120.0	500.0	1.5	0.0	31.7	140.0	500.0	1.5	0.0	32.4	160.0	500.0	1.5	0.0	32.7
120.0	510.0	1.5	0.0	31.6	140.0	510.0	1.5	0.0	32.0	160.0	510.0	1.5	0.0	32.4
120.0	520.0	1.5	0.0	31.3	140.0	520.0	1.5	0.0	31.6	160.0	520.0	1.5	0.0	32.0
120.0	530.0	1.5	0.0	31.0	140.0	530.0	1.5	0.0	31.4	160.0	530.0	1.5	0.0	31.7
120.0	540.0	1.5	0.0	30.7	140.0	540.0	1.5	0.0	31.1	160.0	540.0	1.5	0.0	31.4
120.0	550.0	1.5	0.0	30.5	140.0	550.0	1.5	0.0	30.7	160.0	550.0	1.5	0.0	31.1
120.0	560.0	1.5	0.0	30.3	140.0	560.0	1.5	0.0	30.5	160.0	560.0	1.5	0.0	30.8
120.0	570.0	1.5	0.0	29.9	140.0	570.0	1.5	0.0	30.3	160.0	570.0	1.5	0.0	30.8
120.0	580.0	1.5	0.0	29.6	140.0	580.0	1.5	0.0	29.9	160.0	580.0	1.5	0.0	30.5
120.0	590.0	1.5	0.0	29.5	140.0	590.0	1.5	0.0	29.7	160.0	590.0	1.5	0.0	30.3
120.0	600.0	1.5	0.0	29.2	140.0	600.0	1.5	0.0	29.7	160.0	600.0	1.5	0.0	29.9
130.0	0.0	1.5	0.0	28.1	150.0	0.0	1.5	0.0	28.4	170.0	0.0	1.5	0.0	28.6
130.0	10.0	1.5	0.0	28.1	150.0	10.0	1.5	0.0	28.8	170.0	10.0	1.5	0.0	28.8
130.0	20.0	1.5	0.0	28.2	150.0	20.0	1.5	0.0	29.1	170.0	20.0	1.5	0.0	29.1
130.0	30.0	1.5	0.0	28.7	150.0	30.0	1.5	0.0	29.1	170.0	30.0	1.5	0.0	29.5
130.0	40.0	1.5	0.0	28.9	150.0	40.0	1.5	0.0	29.2	170.0	40.0	1.5	0.0	29.7
130.0	50.0	1.5	0.0	29.2	150.0	50.0	1.5	0.0	29.3	170.0	50.0	1.5	0.0	30.2
130.0	60.0	1.5	0.0	29.5	150.0	60.0	1.5	0.0	29.8	170.0	60.0	1.5	0.0	30.5
130.0	70.0	1.5	0.0	29.6	150.0	70.0	1.5	0.0	30.1	170.0	70.0	1.5	0.0	30.5
130.0	80.0	1.5	0.0	29.8	150.0	80.0	1.5	0.0	30.4	170.0	80.0	1.5	0.0	30.6
130.0	90.0	1.5	0.0	30.1	150.0	90.0	1.5	0.0	30.7	170.0	90.0	1.5	0.0	31.0
130.0	100.0	1.5	0.0	30.3	150.0	100.0	1.5	0.0	30.8	170.0	100.0	1.5	0.0	31.5
130.0	110.0	1.5	0.0	30.7	150.0	110.0	1.5	0.0	31.1	170.0	110.0	1.5	0.0	31.7
130.0	120.0	1.5	0.0	30.9	150.0	120.0	1.5	0.0	31.4	170.0	120.0	1.5	0.0	32.1
130.0	130.0	1.5	0.0	31.1	150.0	130.0	1.5	0.0	31.7	170.0	130.0	1.5	0.0	32.2
130.0	140.0	1.5	0.0	31.4	150.0	140.0	1.5	0.0	32.0	170.0	140.0	1.5	0.0	32.5
130.0	150.0	1.5	0.0	31.7	150.0	150.0	1.5	0.0	32.2	170.0	150.0	1.5	0.0	32.8
130.0	160.0	1.5	0.0	32.0	150.0	160.0	1.5	0.0	32.6	170.0	160.0	1.5	0.0	33.2
130.0	170.0	1.5	0.0	32.1	150.0	170.0	1.5	0.0	32.9	170.0	170.0	1.5	0.0	33.5
130.0	180.0	1.5	0.0	32.6	150.0	180.0	1.5	0.0	33.1	170.0	180.0	1.5	0.0	34.0
130.0	190.0	1.5	0.0	32.6	150.0	190.0	1.5	0.0	33.6	170.0	190.0	1.5	0.0	34.4
130.0	200.0	1.5	0.0	32.9	150.0	200.0	1.5	0.0	33.6	170.0	200.0	1.5	0.0	34.5
130.0	210.0	1.5	0.0	33.2	150.0	210.0	1.5	0.0	34.0	170.0	210.0	1.5	0.0	34.9
130.0	220.0	1.5	0.0	33.4	150.0	220.0	1.5	0.0	34.3	170.0	220.0	1.5	0.0	35.3
130.0	230.0	1.5	0.0	33.7	150.0	230.0	1.5	0.0	34.7	170.0	230.0	1.5	0.0	35.6
130.0	240.0	1.5	0.0	34.1	150.0	240.0	1.5	0.0	34.9	170.0	240.0	1.5	0.0	36.0
130.0	250.0	1.5	0.0	34.4	150.0	250.0	1.5	0.0	35.4	170.0	250.0	1.5	0.0	36.4
130.0	260.0	1.5	0.0	34.3	150.0	260.0	1.5	0.0	35.5	170.0	260.0	1.5	0.0	36.8
130.0	270.0	1.5	0.0	34.6	150.0	270.0	1.5	0.0	35.6	170.0	270.0	1.5	0.0	36.8
130.0	280.0	1.5	0.0	34.8	150.0	280.0	1.5	0.0	35.9	170.0	280.0	1.5	0.0	37.1
130.0	290.0	1.5	0.0	34.8	150.0	290.0	1.5	0.0	36.0	170.0	290.0	1.5	0.0	37.3
130.0	292.0	1.5	0.0	34.8	150.0	292.0	1.5	0.0	36.0	170.0	292.0	1.5	0.0	37.3
130.0	295.0	1.5	0.0	35.0	150.0	295.0	1.5	0.0	36.1	170.0	295.0	1.5	0.0	37.5
130.0	300.0	1.5	0.0	34.9	150.0	300.0	1.5	0.0	36.2	170.0	300.0	1.5	0.0	37.5
130.0	310.0	1.5	0.0	34.9	150.0	310.0	1.5	0.0	36.1	170.0	310.0	1.5	0.0	37.5
130.0	320.0	1.5	0.0	35.0	150.0	320.0	1.5	0.0	36.2	170.0	320.0	1.5	0.0	37.5
130.0	330.0	1.5	0.0	35.1	150.0	330.0	1.5	0.0	36.2	170.0	330.0	1.5	0.0	37.5
130.0	333.5	1.5	0.0	35.1	150.0	333.5	1.5	0.0	36.2	170.0	333.5	1.5	0.0	37.5
130.0	340.0	1.5	0.0	35.1	150.0	340.0	1.5	0.0	36.2	170.0	340.0	1.5	0.0	37.4
130.0	350.0	1.5	0.0	35.0	150.0	350.0	1.5	0.0	36.1	170.0	350.0	1.5	0.0	37.3
130.0	360.0	1.5	0.0	34.9	150.0	360.0	1.5	0.0	36.0	170.0	360.0	1.5	0.0	37.0
130.0	370.0	1.5	0.0	34.7	150.0	370.0	1.5	0.0	35.8	170.0	370.0	1.5	0.0	37.0
130.0	380.0	1.5	0.0	34.7	150.0	380.0	1.5	0.0	35.6	170.0	380.0	1.5	0.0	36.8
130.0	390.0	1.5	0.0	34.5	150.0	390.0	1.5	0.0	35.5	170.0	390.0	1.5	0.0	36.5
130.0	400.0	1.5	0.0	34.5	150.0	400.0	1.5	0.0	35.2	170.0	400.0	1.5	0.0	36.1
130.0	410.0	1.5	0.0	34.1	150.0	410.0	1.5	0.0	35.0	170.0	410.0	1.5	0.0	35.9
130.0	420.0	1.5	0.0	33.9	150.0	420.0	1.5	0.0	34.8	170.0	420.0	1.5	0.0	35.5
130.0	430.0	1.5	0.0	33.7	150.0	430.0	1.5	0.0	34.4	170.0	430.0	1.5	0.0	35.3
130.0	440.0	1.5	0.0	33.5	150.0	440.0	1.5	0.0	34.3	170.0	440.0	1.5	0.0	34.8
130.0	450.0	1.5	0.0	33.2	150.0	450.0	1.5	0.0	33.9	170.0	450.0	1.5	0.0	34.6
130.0	460.0	1.5	0.0	33.0	150.0	460.0	1.5	0.0	33.6	170.0	460.0	1.5	0.0	34.3
130.0	470.0	1.5	0.0	32.7	150.0	470.0	1.5	0.0	33.4	170.0	470.0	1.5	0.0	34.0
130.0	480.0	1.5	0.0	32.4	150.0	480.0	1.5	0.0	33.1	170.0	480.0	1.5	0.0	33.7
130.0	490.0	1.5	0.0	32.3	150.0	490.0	1.5	0.0	32.8	170.0	490.0	1.5	0.0	33.2
130.0	500.0	1.5	0.0	32.1	150.0	500.0	1.5	0.0	32.6	170.0	500.0	1.5	0.0	32.9
130.0	510.0	1.5	0.0	31.9	150.0	510.0	1.5	0.0	32.1	170.0	510.0	1.5	0.0	32.6
130.0	520.0	1.5	0.0	31.5	150.0	520.0	1.5	0.0	31.9	170.0	520.0	1.5	0.0	32.2
130.0	530.0	1.5	0.0	31.2	150.0	530.0	1.5	0.0	31.5	170.0	530.0	1.5	0.0	32.0

170.0	540.0	1.5	0.0	31.7	190.0	540.0	1.5	0.0	32.1	210.0	540.0	1.5	0.0	32.4
170.0	550.0	1.5	0.0	31.5	190.0	550.0	1.5	0.0	31.8	210.0	550.0	1.5	0.0	32.0
170.0	560.0	1.5	0.0	31.2	190.0	560.0	1.5	0.0	31.5	210.0	560.0	1.5	0.0	31.8
170.0	570.0	1.5	0.0	31.0	190.0	570.0	1.5	0.0	31.2	210.0	570.0	1.5	0.0	31.5
170.0	580.0	1.5	0.0	30.6	190.0	580.0	1.5	0.0	30.9	210.0	580.0	1.5	0.0	31.1
170.0	590.0	1.5	0.0	30.3	190.0	590.0	1.5	0.0	30.5	210.0	590.0	1.5	0.0	30.7
170.0	600.0	1.5	0.0	30.1	190.0	600.0	1.5	0.0	30.3	210.0	600.0	1.5	0.0	30.4
180.0	0.0	1.5	0.0	28.7	200.0	0.0	1.5	0.0	28.9	220.0	0.0	1.5	0.0	29.1
180.0	10.0	1.5	0.0	28.9	200.0	10.0	1.5	0.0	29.1	220.0	10.0	1.5	0.0	29.4
180.0	20.0	1.5	0.0	29.2	200.0	20.0	1.5	0.0	29.4	220.0	20.0	1.5	0.0	29.7
180.0	30.0	1.5	0.0	29.5	200.0	30.0	1.5	0.0	29.7	220.0	30.0	1.5	0.0	30.1
180.0	40.0	1.5	0.0	29.8	200.0	40.0	1.5	0.0	30.0	220.0	40.0	1.5	0.0	30.3
180.0	50.0	1.5	0.0	30.2	200.0	50.0	1.5	0.0	30.3	220.0	50.0	1.5	0.0	30.6
180.0	60.0	1.5	0.0	30.5	200.0	60.0	1.5	0.0	30.7	220.0	60.0	1.5	0.0	30.9
180.0	70.0	1.5	0.0	31.0	200.0	70.0	1.5	0.0	31.0	220.0	70.0	1.5	0.0	31.2
180.0	80.0	1.5	0.0	31.2	200.0	80.0	1.5	0.0	31.3	220.0	80.0	1.5	0.0	31.6
180.0	90.0	1.5	0.0	31.3	200.0	90.0	1.5	0.0	31.8	220.0	90.0	1.5	0.0	32.0
180.0	100.0	1.5	0.0	31.5	200.0	100.0	1.5	0.0	32.3	220.0	100.0	1.5	0.0	32.4
180.0	110.0	1.5	0.0	31.9	200.0	110.0	1.5	0.0	32.8	220.0	110.0	1.5	0.0	32.8
180.0	120.0	1.5	0.0	32.3	200.0	120.0	1.5	0.0	32.9	220.0	120.0	1.5	0.0	33.2
180.0	130.0	1.5	0.0	32.6	200.0	130.0	1.5	0.0	33.1	220.0	130.0	1.5	0.0	33.7
180.0	140.0	1.5	0.0	32.8	200.0	140.0	1.5	0.0	33.5	220.0	140.0	1.5	0.0	34.3
180.0	150.0	1.5	0.0	33.2	200.0	150.0	1.5	0.0	33.9	220.0	150.0	1.5	0.0	34.6
180.0	160.0	1.5	0.0	33.5	200.0	160.0	1.5	0.0	34.2	220.0	160.0	1.5	0.0	35.0
180.0	170.0	1.5	0.0	33.9	200.0	170.0	1.5	0.0	34.6	220.0	170.0	1.5	0.0	35.5
180.0	180.0	1.5	0.0	34.3	200.0	180.0	1.5	0.0	34.9	220.0	180.0	1.5	0.0	35.9
180.0	190.0	1.5	0.0	34.7	200.0	190.0	1.5	0.0	35.4	220.0	190.0	1.5	0.0	36.3
180.0	200.0	1.5	0.0	35.2	200.0	200.0	1.5	0.0	36.0	220.0	200.0	1.5	0.0	36.8
180.0	210.0	1.5	0.0	35.4	200.0	210.0	1.5	0.0	36.5	220.0	210.0	1.5	0.0	37.3
180.0	220.0	1.5	0.0	35.7	200.0	220.0	1.5	0.0	37.0	220.0	220.0	1.5	0.0	38.1
180.0	230.0	1.5	0.0	36.2	200.0	230.0	1.5	0.0	37.3	220.0	230.0	1.5	0.0	38.8
180.0	240.0	1.5	0.0	36.6	200.0	240.0	1.5	0.0	37.9	220.0	240.0	1.5	0.0	39.4
180.0	250.0	1.5	0.0	37.0	200.0	250.0	1.5	0.0	38.4	220.0	250.0	1.5	0.0	40.1
180.0	260.0	1.5	0.0	37.4	200.0	260.0	1.5	0.0	38.9	220.0	260.0	1.5	0.0	40.8
180.0	270.0	1.5	0.0	37.5	200.0	270.0	1.5	0.0	39.3	220.0	270.0	1.5	0.0	41.4
180.0	280.0	1.5	0.0	37.8	200.0	280.0	1.5	0.0	39.5	220.0	280.0	1.5	0.0	41.9
180.0	290.0	1.5	0.0	38.1	200.0	290.0	1.5	0.0	39.8	220.0	290.0	1.5	0.0	42.2
180.0	292.0	1.5	0.0	38.1	200.0	292.0	1.5	0.0	39.9	220.0	292.0	1.5	0.0	42.3
180.0	295.0	1.5	0.0	38.2	200.0	295.0	1.5	0.0	40.0	220.0	295.0	1.5	0.0	42.4
180.0	300.0	1.5	0.0	38.3	200.0	300.0	1.5	0.0	40.1	220.0	300.0	1.5	0.0	42.5
180.0	310.0	1.5	0.0	38.2	200.0	310.0	1.5	0.0	40.0	220.0	310.0	1.5	0.0	42.4
180.0	320.0	1.5	0.0	38.2	200.0	320.0	1.5	0.0	40.0	220.0	320.0	1.5	0.0	42.3
180.0	330.0	1.5	0.0	38.2	200.0	330.0	1.5	0.0	39.9	220.0	330.0	1.5	0.0	41.8
180.0	333.5	1.5	0.0	38.2	200.0	333.5	1.5	0.0	39.8	220.0	333.5	1.5	0.0	41.7
180.0	340.0	1.5	0.0	38.1	200.0	340.0	1.5	0.0	39.6	220.0	340.0	1.5	0.0	41.6
180.0	350.0	1.5	0.0	38.0	200.0	350.0	1.5	0.0	39.5	220.0	350.0	1.5	0.0	41.2
180.0	360.0	1.5	0.0	37.7	200.0	360.0	1.5	0.0	39.2	220.0	360.0	1.5	0.0	40.8
180.0	370.0	1.5	0.0	37.6	200.0	370.0	1.5	0.0	38.9	220.0	370.0	1.5	0.0	40.3
180.0	380.0	1.5	0.0	37.3	200.0	380.0	1.5	0.0	38.5	220.0	380.0	1.5	0.0	39.8
180.0	390.0	1.5	0.0	36.9	200.0	390.0	1.5	0.0	38.1	220.0	390.0	1.5	0.0	39.3
180.0	400.0	1.5	0.0	36.7	200.0	400.0	1.5	0.0	37.7	220.0	400.0	1.5	0.0	38.8
180.0	410.0	1.5	0.0	36.3	200.0	410.0	1.5	0.0	37.2	220.0	410.0	1.5	0.0	38.4
180.0	420.0	1.5	0.0	36.0	200.0	420.0	1.5	0.0	36.9	220.0	420.0	1.5	0.0	37.8
180.0	430.0	1.5	0.0	35.6	200.0	430.0	1.5	0.0	36.5	220.0	430.0	1.5	0.0	37.3
180.0	440.0	1.5	0.0	35.3	200.0	440.0	1.5	0.0	36.1	220.0	440.0	1.5	0.0	36.9
180.0	450.0	1.5	0.0	35.0	200.0	450.0	1.5	0.0	35.7	220.0	450.0	1.5	0.0	36.4
180.0	460.0	1.5	0.0	34.6	200.0	460.0	1.5	0.0	35.2	220.0	460.0	1.5	0.0	36.0
180.0	470.0	1.5	0.0	34.3	200.0	470.0	1.5	0.0	34.8	220.0	470.0	1.5	0.0	35.5
180.0	480.0	1.5	0.0	33.9	200.0	480.0	1.5	0.0	34.5	220.0	480.0	1.5	0.0	34.9
180.0	490.0	1.5	0.0	33.5	200.0	490.0	1.5	0.0	34.2	220.0	490.0	1.5	0.0	34.4
180.0	500.0	1.5	0.0	33.2	200.0	500.0	1.5	0.0	33.8	220.0	500.0	1.5	0.0	34.0
180.0	510.0	1.5	0.0	32.9	200.0	510.0	1.5	0.0	33.4	220.0	510.0	1.5	0.0	33.6
180.0	520.0	1.5	0.0	32.5	200.0	520.0	1.5	0.0	33.0	220.0	520.0	1.5	0.0	33.2
180.0	530.0	1.5	0.0	32.3	200.0	530.0	1.5	0.0	32.6	220.0	530.0	1.5	0.0	33.0
180.0	540.0	1.5	0.0	32.0	200.0	540.0	1.5	0.0	32.2	220.0	540.0	1.5	0.0	32.7
180.0	550.0	1.5	0.0	31.7	200.0	550.0	1.5	0.0	32.0	220.0	550.0	1.5	0.0	32.3
180.0	560.0	1.5	0.0	31.3	200.0	560.0	1.5	0.0	31.6	220.0	560.0	1.5	0.0	31.8
180.0	570.0	1.5	0.0	31.0	200.0	570.0	1.5	0.0	31.2	220.0	570.0	1.5	0.0	31.5
180.0	580.0	1.5	0.0	30.8	200.0	580.0	1.5	0.0	31.0	220.0	580.0	1.5	0.0	31.2
180.0	590.0	1.5	0.0	30.5	200.0	590.0	1.5	0.0	30.7	220.0	590.0	1.5	0.0	30.9
180.0	600.0	1.5	0.0	30.2	200.0	600.0	1.5	0.0	30.4	220.0	600.0	1.5	0.0	30.6
190.0	0.0	1.5	0.0	28.8	210.0	0.0	1.5	0.0	29.1	230.0	0.0	1.5	0.0	29.2
190.0	10.0	1.5	0.0	29.0	210.0	10.0	1.5	0.0	29.3	230.0	10.0	1.5	0.0	29.5
190.0	20.0	1.5	0.0	29.3	210.0	20.0	1.5	0.0	29.6	230.0	20.0	1.5	0.0	29.8
190.0	30.0	1.5	0.0	29.6	210.0	30.0	1.5	0.0	29.8	230.0	30.0	1.5	0.0	30.1
190.0	40.0	1.5	0.0	29.9	210.0	40.0	1.5	0.0	30.2	230.0	40.0	1.5	0.0	30.4
190.0	50.0	1.5	0.0	30.2	210.0	50.0	1.5	0.0	30.5	230.0	50.0	1.5	0.0	30.7
190.0	60.0	1.5	0.0	30.5	210.0	60.0	1.5	0.0	30.8	230.0	60.0	1.5	0.0	31.1
190.0	70.0	1.5	0.0	31.0	210.0	70.0	1.5	0.0	31.1	230.0	70.0	1.5	0.0	31.5
190.0	80.0	1.5	0.0	31.3	210.0	80.0	1.5	0.0	31.5	230.0	80.0	1.5	0.0	31.8
190.0	90.0	1.5	0.0	31.9	210.0	90.0	1.5	0.0	31.9	230.0	90.0	1.5	0.0	32.1
190.0	100.0	1.5	0.0	32.0	210.0	100.0	1.5	0.0	32.2	230.0	100.0	1.5	0.0	32.5
190.0	110.0	1.5	0.0	32.1	210.0	110.0	1.5	0.0	32.7	230.0	110.0	1.5	0.0	32.9
190.0	120.0	1.5	0.0	32.5	210.0	120.0	1.5	0.0	33.2	230.0	120.0	1.5	0.0	33.3
190.0	130.0	1.5	0.0	32.9	210.0	130.0	1.5	0.0	33.5	230.0	130.0	1.5	0.0	33.8
190.0	140.0	1.5	0.0	33.3	210.0	140.0	1.5	0.0	33.8	230.0	140.0	1.5	0.0	34.2
190.0	150.0	1.5	0.0	33.4	210.0	150.0	1.5	0.0	34.2	230.0	150.0	1.5	0.0	34.8
190.0	160.0	1.5	0.0	33.9	210.0	160.0	1.5	0.0	34.6	230.0	160.0	1.5	0.0	35.6
190.0	170.0	1.5	0.0	34.1	210.0	170.0	1.5	0.0	35.1	230.0	170.0	1.5	0.0	35.7
190.0	180.0	1.5	0.0	34.6	210.0	180.0	1.5	0.0	35.4	230.0	180.0	1.5	0.0	36.5
190.0	190.0	1.5	0.0	35.1	210.0	190.0	1.5	0.0	35.8	230.0	190.0	1.5	0.0	36.9
190.0	200.0	1.5	0.0	35.6	210.0	200.0	1.5	0.0	36.3	230.0	200.0	1.5	0.0	37.3
190.0	210.0	1.5	0.0	36.1	210.0	210.0	1.5	0.0	37.0	230.0	210.0	1.5	0.0	37.9
190.0	220.0	1.5	0.0	36.4	210.0	220.0	1.5	0.0	37.6	230.0	220.0	1.5	0.0	38.5
190.0	230.0	1.5	0.0	36.7	210.0	230.0	1.5	0.0	38.2	230.0	230.0	1.5	0.0	39.3
190.0	240.0	1.5	0.0	37.2	210.0	240.0	1.5	0.0	38.5	230.0	240.0	1.5	0.0	40.3
190.0	250.0	1.5	0.0	37.7	210.0	250.0	1.5	0.0	39.2	230.0	250.0	1.5	0.0	41.0
190.0	260.0	1.5	0.0	38.1	210.0	260.0	1.5	0.0	39.8	230.0	260.0	1.5	0.0	42.0
190.0	270.0	1.5	0.0	38.5	210.0	270.0	1.5	0.0	40.2	230.0	270.0	1.5	0.0	42.9
190.0	280.0	1.5	0.0	38.6	210.0	280.0	1.5	0.0	40.7	230.0	280.0	1.5	0.0	43.5
190.0	290.0	1.5	0.0	38.9	210.0	290.0	1.5	0.0	40.9	230.0	290.0	1.5	0.0	44.0
190.0	292.0	1.5	0.0	39.0	210.0	292.0	1.5	0.0	41.0	230.0	292.0	1.5	0.0	44.1
190.0	295.0	1.5	0.0	39.1	210.0	295.0	1.5	0.0	41.1	230.0	295.0	1.5	0.0	44.2
190.0	300.0	1.5	0.0	39.1	210.0	300.0	1.5	0.0	41.2	230.0	300.0	1.5	0.0	44.3
190.0	310.0	1.5	0.0	39.1	210.0	310.0	1.5	0.0	41.1	230.0	310.0	1.5	0.0	44.1
190.0	320.0	1.5	0.0	39.1	210.0	320.0	1.5	0.0	41.0	230.0	320.0	1.5	0.0	43.6
190.0	330.0	1.5	0.0	39.0	210.0	330.0	1.5	0.0	40.8	230.0	330.0	1.5	0.0	43.2
190.0	333.5	1.5	0.0	39.0	210.0	333.5	1.5	0.0	40.7	230.0	333.5	1.5	0.0	43.1
190.0	340.0	1.5	0.0	38.8	210.0	340.0	1.5	0.0	40.5	230.0	340.0	1.5	0.0	42.7
190.0	350.0	1.5	0.0	38.6	210.0	350.0	1.5	0.0	40.3	230.0	350.0	1.5	0.0	42.2
190.0	360.0	1.5	0.0	38.5	210.0	360.0	1.5	0.0	40.0	230.0	360.0	1.5	0.0	41.6
190.0	370.0	1.5	0.0	38.3	210.0	370.0	1.5	0.0	39.6	230.0	370.0	1.5	0.0	41.1
190.0	380.0	1.5	0.0	37.9	210.0	380.0	1.5	0.0	39.1	230.0	380.0	1.5	0.0	40.5
190.0	390.0	1.5	0.0	37.5	210.0	390.0	1.5	0.0	38.7	230.0	390.0	1.5	0.0	40.0
190.0	400.0	1.5	0.0	37.2	210.0	400.0	1.5	0.0	38.2	230.0	400.0	1.5	0.0	39.4
190.0	410.0	1.5	0.0	36.8	210.0	410.0	1.5	0.0	37.8	230.0	410.0	1.5	0.0	38.9
190.0	420.0	1.5	0.0	36.4	210.0	420.0	1.5	0.0	37.3	230.0	420.0	1.5	0.0	38.3
190.0	430.0	1.5	0.0	36.1	210.0	430.0	1.5	0.0	36.9	230.0	430.0	1.5	0.0	37.8
190.0	440.0	1.5	0.0	35.8	210.0	440.0	1.5	0.0	36.5	230.0	440.0	1.5	0.0	37.3
190.0	450.0	1.5	0.0	35.4	210.0	450.0	1.5	0.0	36.0	230.0	450.0	1.5	0.0	36.7
190.0	460.0	1.5	0.0	34.9	210.0	460.0	1.5	0.0	35.6	230.0	460.0	1.5	0.0	36.1
190.0	470.0	1.5	0.0	34.6	210.0	470.0	1.5	0.0	35.2	230.0	470.0	1.5	0.0	35.6
190.0	480.0	1.5	0.0	34.1	210.0	480.0	1.5	0.0	34.8	230.0	480.0	1.5	0.0	35.0
190.0	490.0	1.5	0.0	33.8	210.0	490.0	1.5	0.0	34.4	230.0	490.0	1.5	0.0	34.7
190.0	500.0	1.5	0.0	33.4	210.0	500.0	1.5	0.0	33.9	230.0	500.0	1.5	0.0	34.2
190.0	510.0	1.5	0.0	33.2	210.0	510.0	1.5	0.0	33.5	230.0	510.0	1.5	0.0	34.0
190.0	520.0	1.5	0.0	32.8	210.0	520.0	1.5	0.0	33.1	230.0	520.0	1.5	0.0	33.6
190.0	530.0	1.5	0.0	32.5	210.0	530.0	1.5	0.0	32.7	230.0	530.0	1.5	0.0	33.1

230.0	540.0	1.5	0.0	32.7	250.0	540.0	1.5	0.0	33.1	270.0	540.0	1.5	0.0	33.2
230.0	550.0	1.5	0.0	32.3	250.0	550.0	1.5	0.0	32.8	270.0	550.0	1.5	0.0	32.8
230.0	560.0	1.5	0.0	32.0	250.0	560.0	1.5	0.0	32.4	270.0	560.0	1.5	0.0	32.5
230.0	570.0	1.5	0.0	31.7	250.0	570.0	1.5	0.0	32.0	270.0	570.0	1.5	0.0	32.1
230.0	580.0	1.5	0.0	31.3	250.0	580.0	1.5	0.0	31.7	270.0	580.0	1.5	0.0	31.8
230.0	590.0	1.5	0.0	31.0	250.0	590.0	1.5	0.0	31.4	270.0	590.0	1.5	0.0	31.4
230.0	600.0	1.5	0.0	30.9	250.0	600.0	1.5	0.0	31.0	270.0	600.0	1.5	0.0	31.0
240.0	0.0	1.5	0.0	29.3	260.0	0.0	1.5	0.0	29.1	280.0	0.0	1.5	0.0	29.4
240.0	10.0	1.5	0.0	29.7	260.0	10.0	1.5	0.0	29.4	280.0	10.0	1.5	0.0	29.7
240.0	20.0	1.5	0.0	30.0	260.0	20.0	1.5	0.0	29.8	280.0	20.0	1.5	0.0	30.0
240.0	30.0	1.5	0.0	30.2	260.0	30.0	1.5	0.0	30.0	280.0	30.0	1.5	0.0	30.3
240.0	40.0	1.5	0.0	30.5	260.0	40.0	1.5	0.0	30.4	280.0	40.0	1.5	0.0	30.6
240.0	50.0	1.5	0.0	30.9	260.0	50.0	1.5	0.0	30.8	280.0	50.0	1.5	0.0	31.0
240.0	60.0	1.5	0.0	31.2	260.0	60.0	1.5	0.0	31.2	280.0	60.0	1.5	0.0	31.2
240.0	70.0	1.5	0.0	31.6	260.0	70.0	1.5	0.0	31.6	280.0	70.0	1.5	0.0	31.6
240.0	80.0	1.5	0.0	31.9	260.0	80.0	1.5	0.0	31.9	280.0	80.0	1.5	0.0	31.9
240.0	90.0	1.5	0.0	32.3	260.0	90.0	1.5	0.0	32.3	280.0	90.0	1.5	0.0	32.3
240.0	100.0	1.5	0.0	32.7	260.0	100.0	1.5	0.0	32.8	280.0	100.0	1.5	0.0	32.8
240.0	110.0	1.5	0.0	33.1	260.0	110.0	1.5	0.0	33.4	280.0	110.0	1.5	0.0	33.3
240.0	120.0	1.5	0.0	33.5	260.0	120.0	1.5	0.0	33.8	280.0	120.0	1.5	0.0	33.8
240.0	130.0	1.5	0.0	33.9	260.0	130.0	1.5	0.0	34.3	280.0	130.0	1.5	0.0	34.2
240.0	140.0	1.5	0.0	34.4	260.0	140.0	1.5	0.0	34.7	280.0	140.0	1.5	0.0	34.7
240.0	150.0	1.5	0.0	34.9	260.0	150.0	1.5	0.0	35.3	280.0	150.0	1.5	0.0	35.4
240.0	160.0	1.5	0.0	35.4	260.0	160.0	1.5	0.0	35.8	280.0	160.0	1.5	0.0	36.0
240.0	170.0	1.5	0.0	36.1	260.0	170.0	1.5	0.0	36.4	280.0	170.0	1.5	0.0	36.6
240.0	180.0	1.5	0.0	36.7	260.0	180.0	1.5	0.0	37.0	280.0	180.0	1.5	0.0	37.3
240.0	190.0	1.5	0.0	37.3	260.0	190.0	1.5	0.0	37.7	280.0	190.0	1.5	0.0	37.9
240.0	200.0	1.5	0.0	38.1	260.0	200.0	1.5	0.0	38.5	280.0	200.0	1.5	0.0	38.7
240.0	210.0	1.5	0.0	38.5	260.0	210.0	1.5	0.0	39.7	280.0	210.0	1.5	0.0	39.7
240.0	220.0	1.5	0.0	39.1	260.0	220.0	1.5	0.0	40.4	280.0	220.0	1.5	0.0	40.7
240.0	230.0	1.5	0.0	40.0	260.0	230.0	1.5	0.0	41.6	280.0	230.0	1.5	0.0	42.0
240.0	240.0	1.5	0.0	41.1	260.0	240.0	1.5	0.0	42.8	280.0	240.0	1.5	0.0	43.4
240.0	250.0	1.5	0.0	42.2	260.0	250.0	1.5	0.0	44.8	280.0	250.0	1.5	0.0	45.3
240.0	260.0	1.5	0.0	43.3	260.0	260.0	1.5	0.0	49.0	280.0	260.0	1.5	0.0	47.9
240.0	270.0	1.5	0.0	44.5	260.0	270.0	1.5	0.0	50.1	280.0	270.0	1.5	0.0	50.6
240.0	280.0	1.5	0.0	45.8	260.0	280.0	1.5	0.0	50.4	280.0	280.0	1.5	0.0	61.1
240.0	290.0	1.5	0.0	46.7	260.0	290.0	1.5	0.0	64.0	280.0	290.0	1.5	0.0	52.6
240.0	292.0	1.5	0.0	46.7	260.0	292.0	1.5	0.0	57.7	280.0	292.0	1.5	0.0	52.6
240.0	295.0	1.5	0.0	46.8	260.0	295.0	1.5	0.0	52.7	280.0	295.0	1.5	0.0	52.4
240.0	300.0	1.5	0.0	46.9	260.0	300.0	1.5	0.0	50.5	280.0	300.0	1.5	0.0	51.4
240.0	310.0	1.5	0.0	46.7	260.0	310.0	1.5	0.0	49.5	280.0	310.0	1.5	0.0	49.9
240.0	320.0	1.5	0.0	45.4	260.0	320.0	1.5	0.0	52.4	280.0	320.0	1.5	0.0	51.7
240.0	330.0	1.5	0.0	44.6	260.0	330.0	1.5	0.0	50.2	280.0	330.0	1.5	0.0	54.6
240.0	333.5	1.5	0.0	44.3	260.0	333.5	1.5	0.0	48.4	280.0	333.5	1.5	0.0	55.7
240.0	340.0	1.5	0.0	43.8	260.0	340.0	1.5	0.0	46.9	280.0	340.0	1.5	0.0	52.0
240.0	350.0	1.5	0.0	43.2	260.0	350.0	1.5	0.0	45.8	280.0	350.0	1.5	0.0	50.1
240.0	360.0	1.5	0.0	42.6	260.0	360.0	1.5	0.0	45.0	280.0	360.0	1.5	0.0	50.8
240.0	370.0	1.5	0.0	42.0	260.0	370.0	1.5	0.0	44.1	280.0	370.0	1.5	0.0	47.3
240.0	380.0	1.5	0.0	41.3	260.0	380.0	1.5	0.0	43.1	280.0	380.0	1.5	0.0	45.0
240.0	390.0	1.5	0.0	40.7	260.0	390.0	1.5	0.0	42.1	280.0	390.0	1.5	0.0	43.3
240.0	400.0	1.5	0.0	40.0	260.0	400.0	1.5	0.0	41.2	280.0	400.0	1.5	0.0	42.1
240.0	410.0	1.5	0.0	39.4	260.0	410.0	1.5	0.0	40.3	280.0	410.0	1.5	0.0	41.1
240.0	420.0	1.5	0.0	38.8	260.0	420.0	1.5	0.0	39.5	280.0	420.0	1.5	0.0	40.1
240.0	430.0	1.5	0.0	38.2	260.0	430.0	1.5	0.0	38.7	280.0	430.0	1.5	0.0	39.3
240.0	440.0	1.5	0.0	37.5	260.0	440.0	1.5	0.0	38.1	280.0	440.0	1.5	0.0	38.6
240.0	450.0	1.5	0.0	36.9	260.0	450.0	1.5	0.0	37.4	280.0	450.0	1.5	0.0	37.9
240.0	460.0	1.5	0.0	36.4	260.0	460.0	1.5	0.0	36.8	280.0	460.0	1.5	0.0	37.3
240.0	470.0	1.5	0.0	35.8	260.0	470.0	1.5	0.0	36.3	280.0	470.0	1.5	0.0	36.7
240.0	480.0	1.5	0.0	35.4	260.0	480.0	1.5	0.0	35.9	280.0	480.0	1.5	0.0	36.1
240.0	490.0	1.5	0.0	35.0	260.0	490.0	1.5	0.0	35.4	280.0	490.0	1.5	0.0	35.6
240.0	500.0	1.5	0.0	34.5	260.0	500.0	1.5	0.0	34.9	280.0	500.0	1.5	0.0	35.1
240.0	510.0	1.5	0.0	34.1	260.0	510.0	1.5	0.0	34.5	280.0	510.0	1.5	0.0	34.7
240.0	520.0	1.5	0.0	33.6	260.0	520.0	1.5	0.0	33.9	280.0	520.0	1.5	0.0	34.1
240.0	530.0	1.5	0.0	33.2	260.0	530.0	1.5	0.0	33.5	280.0	530.0	1.5	0.0	33.7
240.0	540.0	1.5	0.0	32.8	260.0	540.0	1.5	0.0	33.2	280.0	540.0	1.5	0.0	33.3
240.0	550.0	1.5	0.0	32.5	260.0	550.0	1.5	0.0	32.8	280.0	550.0	1.5	0.0	32.9
240.0	560.0	1.5	0.0	32.3	260.0	560.0	1.5	0.0	32.5	280.0	560.0	1.5	0.0	32.5
240.0	570.0	1.5	0.0	31.9	260.0	570.0	1.5	0.0	32.0	280.0	570.0	1.5	0.0	32.1
240.0	580.0	1.5	0.0	31.6	260.0	580.0	1.5	0.0	31.7	280.0	580.0	1.5	0.0	31.8
240.0	590.0	1.5	0.0	31.4	260.0	590.0	1.5	0.0	31.4	280.0	590.0	1.5	0.0	31.4
240.0	600.0	1.5	0.0	31.1	260.0	600.0	1.5	0.0	31.0	280.0	600.0	1.5	0.0	31.0
250.0	0.0	1.5	0.0	29.0	270.0	0.0	1.5	0.0	29.2	290.0	0.0	1.5	0.0	29.3
250.0	10.0	1.5	0.0	29.3	270.0	10.0	1.5	0.0	29.5	290.0	10.0	1.5	0.0	29.6
250.0	20.0	1.5	0.0	29.7	270.0	20.0	1.5	0.0	29.9	290.0	20.0	1.5	0.0	29.9
250.0	30.0	1.5	0.0	30.1	270.0	30.0	1.5	0.0	30.2	290.0	30.0	1.5	0.0	30.3
250.0	40.0	1.5	0.0	30.4	270.0	40.0	1.5	0.0	30.6	290.0	40.0	1.5	0.0	30.6
250.0	50.0	1.5	0.0	31.0	270.0	50.0	1.5	0.0	30.8	290.0	50.0	1.5	0.0	31.1
250.0	60.0	1.5	0.0	31.3	270.0	60.0	1.5	0.0	31.2	290.0	60.0	1.5	0.0	31.4
250.0	70.0	1.5	0.0	31.8	270.0	70.0	1.5	0.0	31.6	290.0	70.0	1.5	0.0	31.8
250.0	80.0	1.5	0.0	32.0	270.0	80.0	1.5	0.0	32.0	290.0	80.0	1.5	0.0	32.1
250.0	90.0	1.5	0.0	32.4	270.0	90.0	1.5	0.0	32.4	290.0	90.0	1.5	0.0	32.5
250.0	100.0	1.5	0.0	32.8	270.0	100.0	1.5	0.0	32.8	290.0	100.0	1.5	0.0	33.0
250.0	110.0	1.5	0.0	33.2	270.0	110.0	1.5	0.0	33.2	290.0	110.0	1.5	0.0	33.4
250.0	120.0	1.5	0.0	33.6	270.0	120.0	1.5	0.0	33.7	290.0	120.0	1.5	0.0	33.9
250.0	130.0	1.5	0.0	34.1	270.0	130.0	1.5	0.0	34.2	290.0	130.0	1.5	0.0	34.4
250.0	140.0	1.5	0.0	34.6	270.0	140.0	1.5	0.0	34.8	290.0	140.0	1.5	0.0	34.9
250.0	150.0	1.5	0.0	35.0	270.0	150.0	1.5	0.0	35.3	290.0	150.0	1.5	0.0	35.5
250.0	160.0	1.5	0.0	35.6	270.0	160.0	1.5	0.0	35.9	290.0	160.0	1.5	0.0	36.1
250.0	170.0	1.5	0.0	36.2	270.0	170.0	1.5	0.0	36.6	290.0	170.0	1.5	0.0	36.7
250.0	180.0	1.5	0.0	36.8	270.0	180.0	1.5	0.0	37.3	290.0	180.0	1.5	0.0	37.3
250.0	190.0	1.5	0.0	37.7	270.0	190.0	1.5	0.0	37.9	290.0	190.0	1.5	0.0	38.0
250.0	200.0	1.5	0.0	38.4	270.0	200.0	1.5	0.0	38.7	290.0	200.0	1.5	0.0	38.8
250.0	210.0	1.5	0.0	39.1	270.0	210.0	1.5	0.0	39.5	290.0	210.0	1.5	0.0	39.7
250.0	220.0	1.5	0.0	40.0	270.0	220.0	1.5	0.0	40.6	290.0	220.0	1.5	0.0	40.7
250.0	230.0	1.5	0.0	40.8	270.0	230.0	1.5	0.0	42.0	290.0	230.0	1.5	0.0	41.8
250.0	240.0	1.5	0.0	41.9	270.0	240.0	1.5	0.0	43.3	290.0	240.0	1.5	0.0	43.3
250.0	250.0	1.5	0.0	43.4	270.0	250.0	1.5	0.0	45.4	290.0	250.0	1.5	0.0	45.2
250.0	260.0	1.5	0.0	45.3	270.0	260.0	1.5	0.0	49.5	290.0	260.0	1.5	0.0	48.7
250.0	270.0	1.5	0.0	46.6	270.0	270.0	1.5	0.0	52.2	290.0	270.0	1.5	0.0	57.3
250.0	280.0	1.5	0.0	49.0	270.0	280.0	1.5	0.0	54.0	290.0	280.0	1.5	0.0	50.3
250.0	290.0	1.5	0.0	53.9	270.0	290.0	1.5	0.0	54.8	290.0	290.0	1.5	0.0	-1.0
250.0	292.0	1.5	0.0	52.0	270.0	292.0	1.5	0.0	55.1	290.0	292.0	1.5	0.0	-1.0
250.0	295.0	1.5	0.0	50.4	270.0	295.0	1.5	0.0	57.9	290.0	295.0	1.5	0.0	-1.0
250.0	300.0	1.5	0.0	50.9	270.0	300.0	1.5	0.0	53.1	290.0	300.0	1.5	0.0	-1.0
250.0	310.0	1.5	0.0	52.6	270.0	310.0	1.5	0.0	49.3	290.0	310.0	1.5	0.0	51.0
250.0	320.0	1.5	0.0	47.6	270.0	320.0	1.5	0.0	50.4	290.0	320.0	1.5	0.0	51.9
250.0	330.0	1.5	0.0	46.6	270.0	330.0	1.5	0.0	50.5	290.0	330.0	1.5	0.0	52.0
250.0	333.5	1.5	0.0	46.1	270.0	333.5	1.5	0.0	49.7	290.0	333.5	1.5	0.0	52.3
250.0	340.0	1.5	0.0	45.3	270.0	340.0	1.5	0.0	48.7	290.0	340.0	1.5	0.0	54.8
250.0	350.0	1.5	0.0	44.4	270.0	350.0	1.5	0.0	47.5	290.0	350.0	1.5	0.0	54.4
250.0	360.0	1.5	0.0	43.7	270.0	360.0	1.5	0.0	46.7	290.0	360.0	1.5	0.0	53.9
250.0	370.0	1.5	0.0	43.0	270.0	370.0	1.5	0.0	45.4	290.0	370.0	1.5	0.0	48.5
250.0	380.0	1.5	0.0	42.2	270.0	380.0	1.5	0.0	44.0	290.0	380.0	1.5	0.0	45.6
250.0	390.0	1.5	0.0	41.4	270.0	390.0	1.5	0.0	42.7	290.0	390.0	1.5	0.0	43.8
250.0	400.0	1.5	0.0	40.6	270.0	400.0	1.5	0.0	41.7	290.0	400.0	1.5	0.0	42.4
250.0	410.0	1.5	0.0	39.9	270.0	410.0	1.5	0.0	40.7	290.0	410.0	1.5	0.0	41.3
250.0	420.0	1.5	0.0	39.2	270.0	420.0	1.5	0.0	39.8	290.0	420.0	1.5	0.0	40.4
250.0	430.0	1.5	0.0	38.4	270.0	430.0	1.5	0.0	39.0	290.0	430.0	1.5	0.0	39.6
250.0	440.0	1.5	0.0	37.8	270.0	440.0	1.5	0.0	38.3	290.0	440.0	1.5	0.0	38.8
250.0	450.0	1.5	0.0	37.1	270.0	450.0	1.5	0.0	37.8	290.0	450.0	1.5	0.0	38.1
250.0	460.0	1.5	0.0	36.6	270.0	460.0	1.5	0.0	37.2	290.0	460.0	1.5	0.0	37.4
250.0	470.0	1.5	0.0	36.1	270.0	470.0	1.5	0.0	36.5	290.0	470.0	1.5	0.0	36.9
250.0	480.0	1.5	0.0	35.6	270.0	480.0	1.5	0.0	35.9	290.0	480.0	1.5	0.0	36.3
250.0	490.0	1.5	0.0	35.1	270.0	490.0	1.5	0.0	35.4	290.0	490.0	1.5	0.0	35.7
250.0	500.0	1.5	0.0	34.6	270.0	500.0	1.5	0.0	34.9	290.0	500.0	1.5	0.0	35.3
250.0	510.0	1.5	0.0	34.2	270.0	510.0	1.5	0.0	34.6	290.0	510.0	1.5	0.0	34.8
250.0	520.0	1.5	0.0	33.9	270.0	520.0	1.5	0.0	34.1	290.0	520.0	1.5	0.0	34.3
250.0	530.0	1.5	0.0	33.5	270.0	530.0	1.5	0.0	33.7	290.0	530.0	1.5	0.0	33.9

290.0	540.0	1.5	0.0	33.4	300.0	540.0	1.5	0.0	33.2	310.0	540.0	1.5	0.0	33.4
290.0	550.0	1.5	0.0	33.0	300.0	550.0	1.5	0.0	32.8	310.0	550.0	1.5	0.0	33.0
290.0	560.0	1.5	0.0	32.6	300.0	560.0	1.5	0.0	32.4	310.0	560.0	1.5	0.0	32.6
290.0	570.0	1.5	0.0	32.2	300.0	570.0	1.5	0.0	32.1	310.0	570.0	1.5	0.0	32.2
290.0	580.0	1.5	0.0	31.7	300.0	580.0	1.5	0.0	31.7	310.0	580.0	1.5	0.0	31.9
290.0	590.0	1.5	0.0	31.4	300.0	590.0	1.5	0.0	31.5	310.0	590.0	1.5	0.0	31.5
290.0	600.0	1.5	0.0	31.1	300.0	600.0	1.5	0.0	31.1	310.0	600.0	1.5	0.0	31.2
291.5	0.0	1.5	0.0	29.3	305.0	0.0	1.5	0.0	29.5	320.0	0.0	1.5	0.0	29.5
291.5	10.0	1.5	0.0	29.6	305.0	10.0	1.5	0.0	29.8	320.0	10.0	1.5	0.0	29.8
291.5	20.0	1.5	0.0	29.9	305.0	20.0	1.5	0.0	30.1	320.0	20.0	1.5	0.0	30.1
291.5	30.0	1.5	0.0	30.3	305.0	30.0	1.5	0.0	30.4	320.0	30.0	1.5	0.0	30.5
291.5	40.0	1.5	0.0	30.6	305.0	40.0	1.5	0.0	30.7	320.0	40.0	1.5	0.0	30.8
291.5	50.0	1.5	0.0	31.0	305.0	50.0	1.5	0.0	31.1	320.0	50.0	1.5	0.0	31.2
291.5	60.0	1.5	0.0	31.3	305.0	60.0	1.5	0.0	31.4	320.0	60.0	1.5	0.0	31.5
291.5	70.0	1.5	0.0	31.7	305.0	70.0	1.5	0.0	31.8	320.0	70.0	1.5	0.0	31.9
291.5	80.0	1.5	0.0	32.2	305.0	80.0	1.5	0.0	32.2	320.0	80.0	1.5	0.0	32.3
291.5	90.0	1.5	0.0	32.5	305.0	90.0	1.5	0.0	32.6	320.0	90.0	1.5	0.0	32.7
291.5	100.0	1.5	0.0	33.1	305.0	100.0	1.5	0.0	33.0	320.0	100.0	1.5	0.0	33.1
291.5	110.0	1.5	0.0	33.5	305.0	110.0	1.5	0.0	33.5	320.0	110.0	1.5	0.0	33.6
291.5	120.0	1.5	0.0	34.0	305.0	120.0	1.5	0.0	34.0	320.0	120.0	1.5	0.0	34.0
291.5	130.0	1.5	0.0	34.5	305.0	130.0	1.5	0.0	34.4	320.0	130.0	1.5	0.0	34.6
291.5	140.0	1.5	0.0	35.1	305.0	140.0	1.5	0.0	35.0	320.0	140.0	1.5	0.0	35.1
291.5	150.0	1.5	0.0	35.6	305.0	150.0	1.5	0.0	35.5	320.0	150.0	1.5	0.0	35.7
291.5	160.0	1.5	0.0	36.2	305.0	160.0	1.5	0.0	36.1	320.0	160.0	1.5	0.0	36.4
291.5	170.0	1.5	0.0	36.9	305.0	170.0	1.5	0.0	36.7	320.0	170.0	1.5	0.0	37.1
291.5	180.0	1.5	0.0	37.4	305.0	180.0	1.5	0.0	37.4	320.0	180.0	1.5	0.0	37.8
291.5	190.0	1.5	0.0	38.1	305.0	190.0	1.5	0.0	38.1	320.0	190.0	1.5	0.0	38.4
291.5	200.0	1.5	0.0	38.9	305.0	200.0	1.5	0.0	39.0	320.0	200.0	1.5	0.0	39.1
291.5	210.0	1.5	0.0	39.8	305.0	210.0	1.5	0.0	40.0	320.0	210.0	1.5	0.0	39.9
291.5	220.0	1.5	0.0	40.8	305.0	220.0	1.5	0.0	40.9	320.0	220.0	1.5	0.0	40.7
291.5	230.0	1.5	0.0	41.9	305.0	230.0	1.5	0.0	42.0	320.0	230.0	1.5	0.0	41.9
291.5	240.0	1.5	0.0	43.2	305.0	240.0	1.5	0.0	43.4	320.0	240.0	1.5	0.0	43.1
291.5	250.0	1.5	0.0	45.1	305.0	250.0	1.5	0.0	45.0	320.0	250.0	1.5	0.0	44.3
291.5	260.0	1.5	0.0	48.6	305.0	260.0	1.5	0.0	46.6	320.0	260.0	1.5	0.0	45.7
291.5	270.0	1.5	0.0	54.7	305.0	270.0	1.5	0.0	49.4	320.0	270.0	1.5	0.0	47.5
291.5	280.0	1.5	0.0	50.1	305.0	280.0	1.5	0.0	52.2	320.0	280.0	1.5	0.0	49.2
291.5	290.0	1.5	0.0	-1.0	305.0	290.0	1.5	0.0	-1.0	320.0	290.0	1.5	0.0	49.8
291.5	292.0	1.5	0.0	-1.0	305.0	292.0	1.5	0.0	-1.0	320.0	292.0	1.5	0.0	50.0
291.5	295.0	1.5	0.0	-1.0	305.0	295.0	1.5	0.0	-1.0	320.0	295.0	1.5	0.0	50.3
291.5	300.0	1.5	0.0	-1.0	305.0	300.0	1.5	0.0	-1.0	320.0	300.0	1.5	0.0	51.2
291.5	310.0	1.5	0.0	-1.0	305.0	310.0	1.5	0.0	53.7	320.0	310.0	1.5	0.0	58.8
291.5	320.0	1.5	0.0	52.4	305.0	320.0	1.5	0.0	54.2	320.0	320.0	1.5	0.0	54.3
291.5	330.0	1.5	0.0	51.8	305.0	330.0	1.5	0.0	58.0	320.0	330.0	1.5	0.0	52.3
291.5	333.5	1.5	0.0	51.9	305.0	333.5	1.5	0.0	55.7	320.0	333.5	1.5	0.0	52.2
291.5	340.0	1.5	0.0	53.6	305.0	340.0	1.5	0.0	52.3	320.0	340.0	1.5	0.0	52.7
291.5	350.0	1.5	0.0	56.6	305.0	350.0	1.5	0.0	51.2	320.0	350.0	1.5	0.0	61.2
291.5	360.0	1.5	0.0	52.7	305.0	360.0	1.5	0.0	52.4	320.0	360.0	1.5	0.0	54.2
291.5	370.0	1.5	0.0	48.5	305.0	370.0	1.5	0.0	48.3	320.0	370.0	1.5	0.0	47.9
291.5	380.0	1.5	0.0	45.7	305.0	380.0	1.5	0.0	45.8	320.0	380.0	1.5	0.0	45.5
291.5	390.0	1.5	0.0	43.9	305.0	390.0	1.5	0.0	44.0	320.0	390.0	1.5	0.0	43.9
291.5	400.0	1.5	0.0	42.5	305.0	400.0	1.5	0.0	42.7	320.0	400.0	1.5	0.0	42.6
291.5	410.0	1.5	0.0	41.4	305.0	410.0	1.5	0.0	41.6	320.0	410.0	1.5	0.0	41.5
291.5	420.0	1.5	0.0	40.4	305.0	420.0	1.5	0.0	40.5	320.0	420.0	1.5	0.0	40.5
291.5	430.0	1.5	0.0	39.6	305.0	430.0	1.5	0.0	39.7	320.0	430.0	1.5	0.0	39.7
291.5	440.0	1.5	0.0	38.8	305.0	440.0	1.5	0.0	38.9	320.0	440.0	1.5	0.0	38.8
291.5	450.0	1.5	0.0	38.1	305.0	450.0	1.5	0.0	38.2	320.0	450.0	1.5	0.0	37.9
291.5	460.0	1.5	0.0	37.5	305.0	460.0	1.5	0.0	37.6	320.0	460.0	1.5	0.0	37.3
291.5	470.0	1.5	0.0	36.9	305.0	470.0	1.5	0.0	37.0	320.0	470.0	1.5	0.0	36.6
291.5	480.0	1.5	0.0	36.4	305.0	480.0	1.5	0.0	36.4	320.0	480.0	1.5	0.0	36.2
291.5	490.0	1.5	0.0	35.8	305.0	490.0	1.5	0.0	35.8	320.0	490.0	1.5	0.0	35.6
291.5	500.0	1.5	0.0	35.3	305.0	500.0	1.5	0.0	35.2	320.0	500.0	1.5	0.0	35.2
291.5	510.0	1.5	0.0	34.8	305.0	510.0	1.5	0.0	34.7	320.0	510.0	1.5	0.0	34.6
291.5	520.0	1.5	0.0	34.4	305.0	520.0	1.5	0.0	34.1	320.0	520.0	1.5	0.0	34.2
291.5	530.0	1.5	0.0	33.9	305.0	530.0	1.5	0.0	33.7	320.0	530.0	1.5	0.0	33.7
291.5	540.0	1.5	0.0	33.5	305.0	540.0	1.5	0.0	33.3	320.0	540.0	1.5	0.0	33.3
291.5	550.0	1.5	0.0	33.0	305.0	550.0	1.5	0.0	32.9	320.0	550.0	1.5	0.0	32.9
291.5	560.0	1.5	0.0	32.6	305.0	560.0	1.5	0.0	32.5	320.0	560.0	1.5	0.0	32.6
291.5	570.0	1.5	0.0	32.1	305.0	570.0	1.5	0.0	32.2	320.0	570.0	1.5	0.0	32.2
291.5	580.0	1.5	0.0	31.7	305.0	580.0	1.5	0.0	31.8	320.0	580.0	1.5	0.0	31.8
291.5	590.0	1.5	0.0	31.4	305.0	590.0	1.5	0.0	31.5	320.0	590.0	1.5	0.0	31.5
291.5	600.0	1.5	0.0	31.1	305.0	600.0	1.5	0.0	31.1	320.0	600.0	1.5	0.0	31.1
300.0	0.0	1.5	0.0	29.6	310.0	0.0	1.5	0.0	29.5	330.0	0.0	1.5	0.0	29.6
300.0	10.0	1.5	0.0	29.9	310.0	10.0	1.5	0.0	29.8	330.0	10.0	1.5	0.0	29.9
300.0	20.0	1.5	0.0	30.2	310.0	20.0	1.5	0.0	30.1	330.0	20.0	1.5	0.0	30.2
300.0	30.0	1.5	0.0	30.5	310.0	30.0	1.5	0.0	30.4	330.0	30.0	1.5	0.0	30.4
300.0	40.0	1.5	0.0	30.9	310.0	40.0	1.5	0.0	30.8	330.0	40.0	1.5	0.0	30.7
300.0	50.0	1.5	0.0	31.2	310.0	50.0	1.5	0.0	31.1	330.0	50.0	1.5	0.0	31.2
300.0	60.0	1.5	0.0	31.6	310.0	60.0	1.5	0.0	31.5	330.0	60.0	1.5	0.0	31.5
300.0	70.0	1.5	0.0	32.0	310.0	70.0	1.5	0.0	31.9	330.0	70.0	1.5	0.0	32.0
300.0	80.0	1.5	0.0	32.3	310.0	80.0	1.5	0.0	32.2	330.0	80.0	1.5	0.0	32.4
300.0	90.0	1.5	0.0	32.7	310.0	90.0	1.5	0.0	32.6	330.0	90.0	1.5	0.0	32.8
300.0	100.0	1.5	0.0	33.1	310.0	100.0	1.5	0.0	33.1	330.0	100.0	1.5	0.0	33.2
300.0	110.0	1.5	0.0	33.6	310.0	110.0	1.5	0.0	33.5	330.0	110.0	1.5	0.0	33.7
300.0	120.0	1.5	0.0	34.0	310.0	120.0	1.5	0.0	34.0	330.0	120.0	1.5	0.0	34.2
300.0	130.0	1.5	0.0	34.5	310.0	130.0	1.5	0.0	34.5	330.0	130.0	1.5	0.0	34.8
300.0	140.0	1.5	0.0	34.9	310.0	140.0	1.5	0.0	35.0	330.0	140.0	1.5	0.0	35.2
300.0	150.0	1.5	0.0	35.5	310.0	150.0	1.5	0.0	35.6	330.0	150.0	1.5	0.0	35.8
300.0	160.0	1.5	0.0	36.1	310.0	160.0	1.5	0.0	36.1	330.0	160.0	1.5	0.0	36.3
300.0	170.0	1.5	0.0	36.7	310.0	170.0	1.5	0.0	36.7	330.0	170.0	1.5	0.0	36.8
300.0	180.0	1.5	0.0	37.5	310.0	180.0	1.5	0.0	37.4	330.0	180.0	1.5	0.0	37.4
300.0	190.0	1.5	0.0	38.2	310.0	190.0	1.5	0.0	38.1	330.0	190.0	1.5	0.0	38.1
300.0	200.0	1.5	0.0	38.9	310.0	200.0	1.5	0.0	39.2	330.0	200.0	1.5	0.0	39.1
300.0	210.0	1.5	0.0	39.8	310.0	210.0	1.5	0.0	40.1	330.0	210.0	1.5	0.0	39.9
300.0	220.0	1.5	0.0	40.7	310.0	220.0	1.5	0.0	41.0	330.0	220.0	1.5	0.0	40.8
300.0	230.0	1.5	0.0	41.9	310.0	230.0	1.5	0.0	42.2	330.0	230.0	1.5	0.0	41.8
300.0	240.0	1.5	0.0	43.2	310.0	240.0	1.5	0.0	43.3	330.0	240.0	1.5	0.0	42.7
300.0	250.0	1.5	0.0	44.9	310.0	250.0	1.5	0.0	44.4	330.0	250.0	1.5	0.0	43.8
300.0	260.0	1.5	0.0	47.0	310.0	260.0	1.5	0.0	46.3	330.0	260.0	1.5	0.0	45.3
300.0	270.0	1.5	0.0	49.1	310.0	270.0	1.5	0.0	49.6	330.0	270.0	1.5	0.0	46.9
300.0	280.0	1.5	0.0	50.6	310.0	280.0	1.5	0.0	54.7	330.0	280.0	1.5	0.0	50.9
300.0	290.0	1.5	0.0	-1.0	310.0	290.0	1.5	0.0	49.7	330.0	290.0	1.5	0.0	53.8
300.0	292.0	1.5	0.0	-1.0	310.0	292.0	1.5	0.0	50.0	330.0	292.0	1.5	0.0	52.5
300.0	295.0	1.5	0.0	-1.0	310.0	295.0	1.5	0.0	50.8	330.0	295.0	1.5	0.0	52.9
300.0	300.0	1.5	0.0	-1.0	310.0	300.0	1.5	0.0	-1.0	330.0	300.0	1.5	0.0	61.3
300.0	310.0	1.5	0.0	54.9	310.0	310.0	1.5	0.0	55.3	330.0	310.0	1.5	0.0	52.8
300.0	320.0	1.5	0.0	56.4	310.0	320.0	1.5	0.0	53.2	330.0	320.0	1.5	0.0	54.3
300.0	330.0	1.5	0.0	53.1	310.0	330.0	1.5	0.0	55.8	330.0	330.0	1.5	0.0	58.8
300.0	333.5	1.5	0.0	52.4	310.0	333.5	1.5	0.0	55.1	330.0	333.5	1.5	0.0	53.9
300.0	340.0	1.5	0.0	51.6	310.0	340.0	1.5	0.0	55.7	330.0	340.0	1.5	0.0	53.1
300.0	350.0	1.5	0.0	52.5	310.0	350.0	1.5	0.0	51.5	330.0	350.0	1.5	0.0	51.6
300.0	360.0	1.5	0.0	64.0	310.0	360.0	1.5	0.0	50.2	330.0	360.0	1.5	0.0	50.5
300.0	370.0	1.5	0.0	48.7	310.0	370.0	1.5	0.0	47.9	330.0	370.0	1.5	0.0	47.4
300.0	380.0	1.5	0.0	45.9	310.0	380.0	1.5	0.0	45.7	330.0	380.0	1.5	0.0	45.3
300.0	390.0	1.5	0.0	44.0	310.0	390.0	1.5	0.0	44.0	330.0	390.0	1.5	0.0	43.7
300.0	400.0	1.5	0.0	42.7	310.0	400.0	1.5	0.0	42.7	330.0	400.0	1.5	0.0	42.3
300.0	410.0	1.5	0.0	41.5	310.0	410.0	1.5	0.0	41.6	330.0	410.0	1.5	0.0	41.2
300.0	420.0	1.5	0.0	40.6	310.0	420.0	1.5	0.0	40.6	330.0	420.0	1.5	0.0	40.2
300.0	430.0	1.5	0.0	39.6	310.0	430.0	1.5	0.0	39.8	330.0	430.0	1.5	0.0	39.3
300.0	440.0	1.5	0.0	38.9	310.0	440.0	1.5	0.0	38.9	330.0	440.0	1.5	0.0	38.6
300.0	450.0	1.5	0.0	38.2	310.0	450.0	1.5	0.0	38.1	330.0	450.0	1.5	0.0	37.8
300.0	460.0	1.5	0.0	37.5	310.0	460.0	1.5	0.0	37.5	330.0	460.0	1.5	0.0	37.2
300.0	470.0	1.5	0.0	36.8	310.0	470.0	1.5	0.0	36.9	330.0	470.0	1.5	0.0	36.6
300.0	480.0	1.5	0.0	36.3	310.0	480.0	1.5	0.0	36.3	330.0	480.0	1.5	0.0	36.0
300.0	490.0	1.5	0.0	35.7	310.0	490.0	1.5	0.0	35.6	330.0	490.0	1.5	0.0	35.5
300.0	500.0	1.5	0.0	35.2	310.0	500.0	1.5	0.0	35.1	330.0	500.0	1.5	0.0	34.9
300.0	510.0	1.5	0.0	34.7	310.0	510.0	1.5	0.0	34.7	330.0	510.0	1.5	0.0	34.4
300.0	520.0	1.5	0.0	34.1	310.0	520.0	1.5	0.0	34.2	330.0	520.0	1.5	0.0	34.0
300.0	530.0	1.5	0.0	33.7	310.0	530.0	1.5	0.0	33.8	330.0	530.0	1.5	0.0	33.5

330.0	540.0	1.5	0.0	33.1	349.5	540.0	1.5	0.0	32.8	370.0	540.0	1.5	0.0	32.8
330.0	550.0	1.5	0.0	32.7	349.5	550.0	1.5	0.0	32.4	370.0	550.0	1.5	0.0	32.4
330.0	560.0	1.5	0.0	32.3	349.5	560.0	1.5	0.0	32.0	370.0	560.0	1.5	0.0	32.1
330.0	570.0	1.5	0.0	32.0	349.5	570.0	1.5	0.0	31.7	370.0	570.0	1.5	0.0	31.7
330.0	580.0	1.5	0.0	31.7	349.5	580.0	1.5	0.0	31.4	370.0	580.0	1.5	0.0	31.4
330.0	590.0	1.5	0.0	31.4	349.5	590.0	1.5	0.0	31.0	370.0	590.0	1.5	0.0	31.0
330.0	600.0	1.5	0.0	31.0	349.5	600.0	1.5	0.0	30.7	370.0	600.0	1.5	0.0	30.7
340.0	0.0	1.5	0.0	29.7	360.0	0.0	1.5	0.0	29.6	380.0	0.0	1.5	0.0	29.4
340.0	10.0	1.5	0.0	30.0	360.0	10.0	1.5	0.0	29.9	380.0	10.0	1.5	0.0	29.7
340.0	20.0	1.5	0.0	30.3	360.0	20.0	1.5	0.0	30.4	380.0	20.0	1.5	0.0	30.0
340.0	30.0	1.5	0.0	30.6	360.0	30.0	1.5	0.0	30.7	380.0	30.0	1.5	0.0	30.2
340.0	40.0	1.5	0.0	30.9	360.0	40.0	1.5	0.0	31.0	380.0	40.0	1.5	0.0	30.5
340.0	50.0	1.5	0.0	31.3	360.0	50.0	1.5	0.0	31.3	380.0	50.0	1.5	0.0	31.0
340.0	60.0	1.5	0.0	31.7	360.0	60.0	1.5	0.0	31.5	380.0	60.0	1.5	0.0	31.4
340.0	70.0	1.5	0.0	32.1	360.0	70.0	1.5	0.0	31.9	380.0	70.0	1.5	0.0	31.8
340.0	80.0	1.5	0.0	32.5	360.0	80.0	1.5	0.0	32.3	380.0	80.0	1.5	0.0	32.2
340.0	90.0	1.5	0.0	32.9	360.0	90.0	1.5	0.0	32.6	380.0	90.0	1.5	0.0	32.6
340.0	100.0	1.5	0.0	33.3	360.0	100.0	1.5	0.0	33.1	380.0	100.0	1.5	0.0	33.0
340.0	110.0	1.5	0.0	33.8	360.0	110.0	1.5	0.0	33.5	380.0	110.0	1.5	0.0	33.4
340.0	120.0	1.5	0.0	34.2	360.0	120.0	1.5	0.0	34.1	380.0	120.0	1.5	0.0	33.8
340.0	130.0	1.5	0.0	34.7	360.0	130.0	1.5	0.0	34.5	380.0	130.0	1.5	0.0	34.2
340.0	140.0	1.5	0.0	35.1	360.0	140.0	1.5	0.0	35.1	380.0	140.0	1.5	0.0	34.7
340.0	150.0	1.5	0.0	35.6	360.0	150.0	1.5	0.0	35.6	380.0	150.0	1.5	0.0	35.2
340.0	160.0	1.5	0.0	36.2	360.0	160.0	1.5	0.0	36.0	380.0	160.0	1.5	0.0	35.7
340.0	170.0	1.5	0.0	36.9	360.0	170.0	1.5	0.0	36.6	380.0	170.0	1.5	0.0	36.3
340.0	180.0	1.5	0.0	37.7	360.0	180.0	1.5	0.0	37.3	380.0	180.0	1.5	0.0	36.7
340.0	190.0	1.5	0.0	38.4	360.0	190.0	1.5	0.0	37.9	380.0	190.0	1.5	0.0	37.2
340.0	200.0	1.5	0.0	39.0	360.0	200.0	1.5	0.0	38.4	380.0	200.0	1.5	0.0	37.8
340.0	210.0	1.5	0.0	39.7	360.0	210.0	1.5	0.0	39.2	380.0	210.0	1.5	0.0	38.3
340.0	220.0	1.5	0.0	40.6	360.0	220.0	1.5	0.0	39.9	380.0	220.0	1.5	0.0	39.0
340.0	230.0	1.5	0.0	41.5	360.0	230.0	1.5	0.0	40.7	380.0	230.0	1.5	0.0	39.8
340.0	240.0	1.5	0.0	42.2	360.0	240.0	1.5	0.0	41.7	380.0	240.0	1.5	0.0	40.6
340.0	250.0	1.5	0.0	43.5	360.0	250.0	1.5	0.0	42.8	380.0	250.0	1.5	0.0	41.6
340.0	260.0	1.5	0.0	44.9	360.0	260.0	1.5	0.0	44.5	380.0	260.0	1.5	0.0	42.9
340.0	270.0	1.5	0.0	46.5	360.0	270.0	1.5	0.0	47.1	380.0	270.0	1.5	0.0	44.4
340.0	280.0	1.5	0.0	49.1	360.0	280.0	1.5	0.0	50.3	380.0	280.0	1.5	0.0	45.5
340.0	290.0	1.5	0.0	51.5	360.0	290.0	1.5	0.0	52.3	380.0	290.0	1.5	0.0	45.2
340.0	292.0	1.5	0.0	51.8	360.0	292.0	1.5	0.0	51.9	380.0	292.0	1.5	0.0	45.2
340.0	295.0	1.5	0.0	52.8	360.0	295.0	1.5	0.0	50.8	380.0	295.0	1.5	0.0	45.0
340.0	300.0	1.5	0.0	56.4	360.0	300.0	1.5	0.0	49.7	380.0	300.0	1.5	0.0	44.8
340.0	310.0	1.5	0.0	53.7	360.0	310.0	1.5	0.0	49.3	380.0	310.0	1.5	0.0	44.5
340.0	320.0	1.5	0.0	53.1	360.0	320.0	1.5	0.0	49.3	380.0	320.0	1.5	0.0	44.2
340.0	330.0	1.5	0.0	55.7	360.0	330.0	1.5	0.0	49.3	380.0	330.0	1.5	0.0	43.6
340.0	333.5	1.5	0.0	54.9	360.0	333.5	1.5	0.0	49.3	380.0	333.5	1.5	0.0	43.4
340.0	340.0	1.5	0.0	55.5	360.0	340.0	1.5	0.0	48.8	380.0	340.0	1.5	0.0	43.0
340.0	350.0	1.5	0.0	55.7	360.0	350.0	1.5	0.0	47.8	380.0	350.0	1.5	0.0	43.0
340.0	360.0	1.5	0.0	48.7	360.0	360.0	1.5	0.0	45.6	380.0	360.0	1.5	0.0	42.6
340.0	370.0	1.5	0.0	46.3	360.0	370.0	1.5	0.0	44.1	380.0	370.0	1.5	0.0	41.8
340.0	380.0	1.5	0.0	44.5	360.0	380.0	1.5	0.0	42.9	380.0	380.0	1.5	0.0	41.1
340.0	390.0	1.5	0.0	43.2	360.0	390.0	1.5	0.0	41.8	380.0	390.0	1.5	0.0	40.4
340.0	400.0	1.5	0.0	42.1	360.0	400.0	1.5	0.0	41.0	380.0	400.0	1.5	0.0	39.7
340.0	410.0	1.5	0.0	41.0	360.0	410.0	1.5	0.0	40.1	380.0	410.0	1.5	0.0	38.9
340.0	420.0	1.5	0.0	40.0	360.0	420.0	1.5	0.0	39.4	380.0	420.0	1.5	0.0	38.5
340.0	430.0	1.5	0.0	39.1	360.0	430.0	1.5	0.0	38.7	380.0	430.0	1.5	0.0	37.9
340.0	440.0	1.5	0.0	38.3	360.0	440.0	1.5	0.0	38.0	380.0	440.0	1.5	0.0	37.3
340.0	450.0	1.5	0.0	37.6	360.0	450.0	1.5	0.0	37.3	380.0	450.0	1.5	0.0	36.6
340.0	460.0	1.5	0.0	37.0	360.0	460.0	1.5	0.0	36.8	380.0	460.0	1.5	0.0	36.1
340.0	470.0	1.5	0.0	36.3	360.0	470.0	1.5	0.0	36.1	380.0	470.0	1.5	0.0	35.8
340.0	480.0	1.5	0.0	35.8	360.0	480.0	1.5	0.0	35.6	380.0	480.0	1.5	0.0	35.3
340.0	490.0	1.5	0.0	35.2	360.0	490.0	1.5	0.0	35.0	380.0	490.0	1.5	0.0	34.8
340.0	500.0	1.5	0.0	34.7	360.0	500.0	1.5	0.0	34.5	380.0	500.0	1.5	0.0	34.3
340.0	510.0	1.5	0.0	34.3	360.0	510.0	1.5	0.0	34.1	380.0	510.0	1.5	0.0	33.8
340.0	520.0	1.5	0.0	33.8	360.0	520.0	1.5	0.0	33.7	380.0	520.0	1.5	0.0	33.3
340.0	530.0	1.5	0.0	33.4	360.0	530.0	1.5	0.0	33.2	380.0	530.0	1.5	0.0	33.0
340.0	540.0	1.5	0.0	33.0	360.0	540.0	1.5	0.0	32.8	380.0	540.0	1.5	0.0	32.6
340.0	550.0	1.5	0.0	32.6	360.0	550.0	1.5	0.0	32.5	380.0	550.0	1.5	0.0	32.2
340.0	560.0	1.5	0.0	32.2	360.0	560.0	1.5	0.0	32.1	380.0	560.0	1.5	0.0	31.9
340.0	570.0	1.5	0.0	31.9	360.0	570.0	1.5	0.0	31.7	380.0	570.0	1.5	0.0	31.5
340.0	580.0	1.5	0.0	31.5	360.0	580.0	1.5	0.0	31.4	380.0	580.0	1.5	0.0	31.2
340.0	590.0	1.5	0.0	31.2	360.0	590.0	1.5	0.0	31.0	380.0	590.0	1.5	0.0	30.9
340.0	600.0	1.5	0.0	30.8	360.0	600.0	1.5	0.0	30.7	380.0	600.0	1.5	0.0	30.6
349.5	0.0	1.5	0.0	29.6	370.0	0.0	1.5	0.0	29.7	390.0	0.0	1.5	0.0	29.2
349.5	10.0	1.5	0.0	29.9	370.0	10.0	1.5	0.0	30.0	390.0	10.0	1.5	0.0	29.5
349.5	20.0	1.5	0.0	30.2	370.0	20.0	1.5	0.0	30.2	390.0	20.0	1.5	0.0	29.9
349.5	30.0	1.5	0.0	30.6	370.0	30.0	1.5	0.0	30.5	390.0	30.0	1.5	0.0	30.3
349.5	40.0	1.5	0.0	30.8	370.0	40.0	1.5	0.0	30.8	390.0	40.0	1.5	0.0	30.6
349.5	50.0	1.5	0.0	31.2	370.0	50.0	1.5	0.0	31.1	390.0	50.0	1.5	0.0	31.1
349.5	60.0	1.5	0.0	31.6	370.0	60.0	1.5	0.0	31.4	390.0	60.0	1.5	0.0	31.3
349.5	70.0	1.5	0.0	32.0	370.0	70.0	1.5	0.0	31.8	390.0	70.0	1.5	0.0	31.7
349.5	80.0	1.5	0.0	32.4	370.0	80.0	1.5	0.0	32.2	390.0	80.0	1.5	0.0	32.1
349.5	90.0	1.5	0.0	32.8	370.0	90.0	1.5	0.0	32.7	390.0	90.0	1.5	0.0	32.5
349.5	100.0	1.5	0.0	33.0	370.0	100.0	1.5	0.0	33.1	390.0	100.0	1.5	0.0	32.9
349.5	110.0	1.5	0.0	33.5	370.0	110.0	1.5	0.0	33.5	390.0	110.0	1.5	0.0	33.3
349.5	120.0	1.5	0.0	33.9	370.0	120.0	1.5	0.0	34.0	390.0	120.0	1.5	0.0	33.7
349.5	130.0	1.5	0.0	34.4	370.0	130.0	1.5	0.0	34.4	390.0	130.0	1.5	0.0	34.2
349.5	140.0	1.5	0.0	35.0	370.0	140.0	1.5	0.0	34.9	390.0	140.0	1.5	0.0	34.5
349.5	150.0	1.5	0.0	35.6	370.0	150.0	1.5	0.0	35.3	390.0	150.0	1.5	0.0	35.0
349.5	160.0	1.5	0.0	36.2	370.0	160.0	1.5	0.0	36.0	390.0	160.0	1.5	0.0	35.4
349.5	170.0	1.5	0.0	36.8	370.0	170.0	1.5	0.0	36.4	390.0	170.0	1.5	0.0	35.8
349.5	180.0	1.5	0.0	37.4	370.0	180.0	1.5	0.0	37.0	390.0	180.0	1.5	0.0	36.3
349.5	190.0	1.5	0.0	37.9	370.0	190.0	1.5	0.0	37.5	390.0	190.0	1.5	0.0	36.8
349.5	200.0	1.5	0.0	38.7	370.0	200.0	1.5	0.0	38.1	390.0	200.0	1.5	0.0	37.3
349.5	210.0	1.5	0.0	39.5	370.0	210.0	1.5	0.0	38.8	390.0	210.0	1.5	0.0	37.9
349.5	220.0	1.5	0.0	40.2	370.0	220.0	1.5	0.0	39.5	390.0	220.0	1.5	0.0	38.6
349.5	230.0	1.5	0.0	41.0	370.0	230.0	1.5	0.0	40.4	390.0	230.0	1.5	0.0	39.3
349.5	240.0	1.5	0.0	42.0	370.0	240.0	1.5	0.0	41.1	390.0	240.0	1.5	0.0	40.0
349.5	250.0	1.5	0.0	43.2	370.0	250.0	1.5	0.0	42.3	390.0	250.0	1.5	0.0	40.8
349.5	260.0	1.5	0.0	44.5	370.0	260.0	1.5	0.0	43.9	390.0	260.0	1.5	0.0	41.6
349.5	270.0	1.5	0.0	46.5	370.0	270.0	1.5	0.0	47.1	390.0	270.0	1.5	0.0	42.4
349.5	280.0	1.5	0.0	49.4	370.0	280.0	1.5	0.0	54.4	390.0	280.0	1.5	0.0	43.0
349.5	290.0	1.5	0.0	64.1	370.0	290.0	1.5	0.0	47.9	390.0	290.0	1.5	0.0	43.1
349.5	292.0	1.5	0.0	58.5	370.0	292.0	1.5	0.0	47.6	390.0	292.0	1.5	0.0	43.1
349.5	295.0	1.5	0.0	53.5	370.0	295.0	1.5	0.0	47.3	390.0	295.0	1.5	0.0	43.2
349.5	300.0	1.5	0.0	52.5	370.0	300.0	1.5	0.0	46.9	390.0	300.0	1.5	0.0	43.1
349.5	310.0	1.5	0.0	57.0	370.0	310.0	1.5	0.0	46.6	390.0	310.0	1.5	0.0	42.8
349.5	320.0	1.5	0.0	52.9	370.0	320.0	1.5	0.0	46.5	390.0	320.0	1.5	0.0	42.5
349.5	330.0	1.5	0.0	-1.0	370.0	330.0	1.5	0.0	45.6	390.0	330.0	1.5	0.0	42.1
349.5	333.5	1.5	0.0	-1.0	370.0	333.5	1.5	0.0	45.3	390.0	333.5	1.5	0.0	42.0
349.5	340.0	1.5	0.0	-1.0	370.0	340.0	1.5	0.0	45.1	390.0	340.0	1.5	0.0	41.7
349.5	350.0	1.5	0.0	50.0	370.0	350.0	1.5	0.0	45.2	390.0	350.0	1.5	0.0	41.4
349.5	360.0	1.5	0.0	46.9	370.0	360.0	1.5	0.0	43.7	390.0	360.0	1.5	0.0	41.3
349.5	370.0	1.5	0.0	45.1	370.0	370.0	1.5	0.0	43.0	390.0	370.0	1.5	0.0	40.8
349.5	380.0	1.5	0.0	43.6	370.0	380.0	1.5	0.0	42.0	390.0	380.0	1.5	0.0	40.1
349.5	390.0	1.5	0.0	42.3	370.0	390.0	1.5	0.0	41.2	390.0	390.0	1.5	0.0	39.7
349.5	400.0	1.5	0.0	41.3	370.0	400.0	1.5	0.0	40.5	390.0	400.0	1.5	0.0	39.1
349.5	410.0	1.5	0.0	40.4	370.0	410.0	1.5	0.0	39.6	390.0	410.0	1.5	0.0	38.5
349.5	420.0	1.5	0.0	39.6	370.0	420.0	1.5	0.0	38.8	390.0	420.0	1.5	0.0	37.8
349.5	430.0	1.5	0.0	38.8	370.0	430.0	1.5	0.0	38.2	390.0	430.0	1.5	0.0	37.4
349.5	440.0	1.5	0.0	38.0	370.0	440.0	1.5	0.0	37.7	390.0	440.0	1.5	0.0	36.9
349.5	450.0	1.5	0.0	37.3	370.0	450.0	1.5	0.0	37.1	390.0	450.0	1.5	0.0	36.4
349.5	460.0	1.5	0.0	36.6	370.0	460.0	1.5	0.0	36.5	390.0	460.0	1.5	0.0	35.9
349.5	470.0	1.5	0.0	36.1	370.0	470.0	1.5	0.0	36.0	390.0	470.0	1.5	0.0	35.4
349.5	480.0	1.5	0.0	35.6	370.0	480.0	1.5	0.0	35.4	390.0	480.0	1.5	0.0	35.0
349.5	490.0	1.5	0.0	35.0	370.0	490.0	1.5	0.0	34.9	390.0	490.0	1.5	0.0	34.7
349.5	500.0	1.5	0.0	34.6	370.0	500.0	1.5	0.0	34.4	390.0	500.0	1.5	0.0	34.2
349.5	510.0	1.5	0.0	34.1	370.0	510.0	1.5	0.0	34.0	390.0	510.0	1.5	0.0	33.7
349.5	520.0	1.5	0.0	33.7	370.0	520.0	1.5	0.0	33.5	390.0	520.0	1.5	0.0	33.3
349.5	530.0	1.5	0.0	33.2	370.0	530.0	1.5	0.0	33.2	390.0	530.0	1.5	0.0	32.8

390.0	540.0	1.5	0.0	32.3	410.0	540.0	1.5	0.0	32.3	430.0	540.0	1.5	0.0	31.7
390.0	550.0	1.5	0.0	32.1	410.0	550.0	1.5	0.0	32.0	430.0	550.0	1.5	0.0	31.4
390.0	560.0	1.5	0.0	31.8	410.0	560.0	1.5	0.0	31.5	430.0	560.0	1.5	0.0	31.3
390.0	570.0	1.5	0.0	31.4	410.0	570.0	1.5	0.0	31.3	430.0	570.0	1.5	0.0	31.0
390.0	580.0	1.5	0.0	31.1	410.0	580.0	1.5	0.0	30.8	430.0	580.0	1.5	0.0	30.7
390.0	590.0	1.5	0.0	30.8	410.0	590.0	1.5	0.0	30.3	430.0	590.0	1.5	0.0	30.4
390.0	600.0	1.5	0.0	30.5	410.0	600.0	1.5	0.0	30.1	430.0	600.0	1.5	0.0	30.1
400.0	0.0	1.5	0.0	29.4	420.0	0.0	1.5	0.0	29.4	440.0	0.0	1.5	0.0	29.1
400.0	10.0	1.5	0.0	29.6	420.0	10.0	1.5	0.0	29.7	440.0	10.0	1.5	0.0	29.5
400.0	20.0	1.5	0.0	29.9	420.0	20.0	1.5	0.0	30.0	440.0	20.0	1.5	0.0	29.7
400.0	30.0	1.5	0.0	30.2	420.0	30.0	1.5	0.0	30.3	440.0	30.0	1.5	0.0	29.8
400.0	40.0	1.5	0.0	30.5	420.0	40.0	1.5	0.0	30.5	440.0	40.0	1.5	0.0	30.2
400.0	50.0	1.5	0.0	31.0	420.0	50.0	1.5	0.0	30.8	440.0	50.0	1.5	0.0	30.5
400.0	60.0	1.5	0.0	31.4	420.0	60.0	1.5	0.0	31.0	440.0	60.0	1.5	0.0	30.8
400.0	70.0	1.5	0.0	31.8	420.0	70.0	1.5	0.0	31.3	440.0	70.0	1.5	0.0	31.0
400.0	80.0	1.5	0.0	32.1	420.0	80.0	1.5	0.0	31.8	440.0	80.0	1.5	0.0	31.4
400.0	90.0	1.5	0.0	32.5	420.0	90.0	1.5	0.0	32.1	440.0	90.0	1.5	0.0	31.7
400.0	100.0	1.5	0.0	32.8	420.0	100.0	1.5	0.0	32.3	440.0	100.0	1.5	0.0	31.9
400.0	110.0	1.5	0.0	33.1	420.0	110.0	1.5	0.0	32.7	440.0	110.0	1.5	0.0	32.3
400.0	120.0	1.5	0.0	33.6	420.0	120.0	1.5	0.0	33.0	440.0	120.0	1.5	0.0	32.8
400.0	130.0	1.5	0.0	33.9	420.0	130.0	1.5	0.0	33.3	440.0	130.0	1.5	0.0	32.9
400.0	140.0	1.5	0.0	34.3	420.0	140.0	1.5	0.0	33.8	440.0	140.0	1.5	0.0	33.2
400.0	150.0	1.5	0.0	34.6	420.0	150.0	1.5	0.0	34.1	440.0	150.0	1.5	0.0	33.5
400.0	160.0	1.5	0.0	35.0	420.0	160.0	1.5	0.0	34.6	440.0	160.0	1.5	0.0	33.8
400.0	170.0	1.5	0.0	35.4	420.0	170.0	1.5	0.0	35.1	440.0	170.0	1.5	0.0	34.1
400.0	180.0	1.5	0.0	35.9	420.0	180.0	1.5	0.0	35.3	440.0	180.0	1.5	0.0	34.6
400.0	190.0	1.5	0.0	36.4	420.0	190.0	1.5	0.0	35.7	440.0	190.0	1.5	0.0	35.1
400.0	200.0	1.5	0.0	37.1	420.0	200.0	1.5	0.0	36.2	440.0	200.0	1.5	0.0	35.2
400.0	210.0	1.5	0.0	37.6	420.0	210.0	1.5	0.0	36.5	440.0	210.0	1.5	0.0	35.6
400.0	220.0	1.5	0.0	38.0	420.0	220.0	1.5	0.0	37.0	440.0	220.0	1.5	0.0	35.9
400.0	230.0	1.5	0.0	38.7	420.0	230.0	1.5	0.0	37.4	440.0	230.0	1.5	0.0	36.1
400.0	240.0	1.5	0.0	39.2	420.0	240.0	1.5	0.0	37.9	440.0	240.0	1.5	0.0	36.6
400.0	250.0	1.5	0.0	39.9	420.0	250.0	1.5	0.0	38.1	440.0	250.0	1.5	0.0	36.8
400.0	260.0	1.5	0.0	40.4	420.0	260.0	1.5	0.0	38.5	440.0	260.0	1.5	0.0	36.8
400.0	270.0	1.5	0.0	41.0	420.0	270.0	1.5	0.0	38.8	440.0	270.0	1.5	0.0	37.2
400.0	280.0	1.5	0.0	41.4	420.0	280.0	1.5	0.0	39.1	440.0	280.0	1.5	0.0	37.3
400.0	290.0	1.5	0.0	41.6	420.0	290.0	1.5	0.0	39.4	440.0	290.0	1.5	0.0	37.5
400.0	292.0	1.5	0.0	41.7	420.0	292.0	1.5	0.0	39.4	440.0	292.0	1.5	0.0	37.4
400.0	295.0	1.5	0.0	41.7	420.0	295.0	1.5	0.0	39.3	440.0	295.0	1.5	0.0	37.6
400.0	300.0	1.5	0.0	41.6	420.0	300.0	1.5	0.0	39.3	440.0	300.0	1.5	0.0	37.5
400.0	310.0	1.5	0.0	41.5	420.0	310.0	1.5	0.0	39.3	440.0	310.0	1.5	0.0	37.5
400.0	320.0	1.5	0.0	41.2	420.0	320.0	1.5	0.0	39.2	440.0	320.0	1.5	0.0	37.4
400.0	330.0	1.5	0.0	40.8	420.0	330.0	1.5	0.0	39.0	440.0	330.0	1.5	0.0	37.2
400.0	333.5	1.5	0.0	40.8	420.0	333.5	1.5	0.0	38.9	440.0	333.5	1.5	0.0	37.3
400.0	340.0	1.5	0.0	40.5	420.0	340.0	1.5	0.0	38.5	440.0	340.0	1.5	0.0	37.1
400.0	350.0	1.5	0.0	40.3	420.0	350.0	1.5	0.0	38.5	440.0	350.0	1.5	0.0	36.8
400.0	360.0	1.5	0.0	40.0	420.0	360.0	1.5	0.0	38.2	440.0	360.0	1.5	0.0	36.8
400.0	370.0	1.5	0.0	39.8	420.0	370.0	1.5	0.0	37.8	440.0	370.0	1.5	0.0	36.5
400.0	380.0	1.5	0.0	39.1	420.0	380.0	1.5	0.0	37.8	440.0	380.0	1.5	0.0	36.3
400.0	390.0	1.5	0.0	38.8	420.0	390.0	1.5	0.0	37.5	440.0	390.0	1.5	0.0	36.0
400.0	400.0	1.5	0.0	38.5	420.0	400.0	1.5	0.0	37.0	440.0	400.0	1.5	0.0	36.0
400.0	410.0	1.5	0.0	38.0	420.0	410.0	1.5	0.0	36.6	440.0	410.0	1.5	0.0	35.4
400.0	420.0	1.5	0.0	37.4	420.0	420.0	1.5	0.0	36.5	440.0	420.0	1.5	0.0	35.4
400.0	430.0	1.5	0.0	36.9	420.0	430.0	1.5	0.0	36.1	440.0	430.0	1.5	0.0	34.9
400.0	440.0	1.5	0.0	36.3	420.0	440.0	1.5	0.0	35.6	440.0	440.0	1.5	0.0	34.8
400.0	450.0	1.5	0.0	36.0	420.0	450.0	1.5	0.0	35.3	440.0	450.0	1.5	0.0	34.6
400.0	460.0	1.5	0.0	35.5	420.0	460.0	1.5	0.0	34.8	440.0	460.0	1.5	0.0	34.1
400.0	470.0	1.5	0.0	35.0	420.0	470.0	1.5	0.0	34.4	440.0	470.0	1.5	0.0	33.9
400.0	480.0	1.5	0.0	34.7	420.0	480.0	1.5	0.0	34.2	440.0	480.0	1.5	0.0	33.5
400.0	490.0	1.5	0.0	34.3	420.0	490.0	1.5	0.0	33.7	440.0	490.0	1.5	0.0	33.1
400.0	500.0	1.5	0.0	34.0	420.0	500.0	1.5	0.0	33.4	440.0	500.0	1.5	0.0	32.8
400.0	510.0	1.5	0.0	33.7	420.0	510.0	1.5	0.0	32.9	440.0	510.0	1.5	0.0	32.6
400.0	520.0	1.5	0.0	33.3	420.0	520.0	1.5	0.0	32.6	440.0	520.0	1.5	0.0	32.2
400.0	530.0	1.5	0.0	32.7	420.0	530.0	1.5	0.0	32.2	440.0	530.0	1.5	0.0	31.9
400.0	540.0	1.5	0.0	32.3	420.0	540.0	1.5	0.0	32.2	440.0	540.0	1.5	0.0	31.5
400.0	550.0	1.5	0.0	31.9	420.0	550.0	1.5	0.0	31.8	440.0	550.0	1.5	0.0	31.2
400.0	560.0	1.5	0.0	31.5	420.0	560.0	1.5	0.0	31.5	440.0	560.0	1.5	0.0	30.9
400.0	570.0	1.5	0.0	31.2	420.0	570.0	1.5	0.0	31.1	440.0	570.0	1.5	0.0	30.6
400.0	580.0	1.5	0.0	30.9	420.0	580.0	1.5	0.0	30.7	440.0	580.0	1.5	0.0	30.5
400.0	590.0	1.5	0.0	30.7	420.0	590.0	1.5	0.0	30.5	440.0	590.0	1.5	0.0	30.2
400.0	600.0	1.5	0.0	30.4	420.0	600.0	1.5	0.0	30.1	440.0	600.0	1.5	0.0	30.0
410.0	0.0	1.5	0.0	29.3	430.0	0.0	1.5	0.0	29.3	450.0	0.0	1.5	0.0	29.0
410.0	10.0	1.5	0.0	29.7	430.0	10.0	1.5	0.0	29.5	450.0	10.0	1.5	0.0	29.1
410.0	20.0	1.5	0.0	30.0	430.0	20.0	1.5	0.0	29.8	450.0	20.0	1.5	0.0	29.5
410.0	30.0	1.5	0.0	30.4	430.0	30.0	1.5	0.0	30.1	450.0	30.0	1.5	0.0	29.8
410.0	40.0	1.5	0.0	30.7	430.0	40.0	1.5	0.0	30.3	450.0	40.0	1.5	0.0	30.1
410.0	50.0	1.5	0.0	31.0	430.0	50.0	1.5	0.0	30.6	450.0	50.0	1.5	0.0	30.3
410.0	60.0	1.5	0.0	31.3	430.0	60.0	1.5	0.0	30.9	450.0	60.0	1.5	0.0	30.7
410.0	70.0	1.5	0.0	31.6	430.0	70.0	1.5	0.0	31.3	450.0	70.0	1.5	0.0	30.9
410.0	80.0	1.5	0.0	31.9	430.0	80.0	1.5	0.0	31.5	450.0	80.0	1.5	0.0	31.3
410.0	90.0	1.5	0.0	32.1	430.0	90.0	1.5	0.0	31.9	450.0	90.0	1.5	0.0	31.5
410.0	100.0	1.5	0.0	32.6	430.0	100.0	1.5	0.0	32.3	450.0	100.0	1.5	0.0	31.9
410.0	110.0	1.5	0.0	32.9	430.0	110.0	1.5	0.0	32.4	450.0	110.0	1.5	0.0	32.2
410.0	120.0	1.5	0.0	33.3	430.0	120.0	1.5	0.0	32.8	450.0	120.0	1.5	0.0	32.3
410.0	130.0	1.5	0.0	33.7	430.0	130.0	1.5	0.0	33.3	450.0	130.0	1.5	0.0	32.7
410.0	140.0	1.5	0.0	33.9	430.0	140.0	1.5	0.0	33.6	450.0	140.0	1.5	0.0	32.9
410.0	150.0	1.5	0.0	34.4	430.0	150.0	1.5	0.0	33.9	450.0	150.0	1.5	0.0	33.1
410.0	160.0	1.5	0.0	34.7	430.0	160.0	1.5	0.0	34.3	450.0	160.0	1.5	0.0	33.5
410.0	170.0	1.5	0.0	35.2	430.0	170.0	1.5	0.0	34.6	450.0	170.0	1.5	0.0	33.8
410.0	180.0	1.5	0.0	35.6	430.0	180.0	1.5	0.0	34.9	450.0	180.0	1.5	0.0	34.3
410.0	190.0	1.5	0.0	36.3	430.0	190.0	1.5	0.0	35.3	450.0	190.0	1.5	0.0	34.4
410.0	200.0	1.5	0.0	36.6	430.0	200.0	1.5	0.0	35.7	450.0	200.0	1.5	0.0	34.8
410.0	210.0	1.5	0.0	37.2	430.0	210.0	1.5	0.0	36.1	450.0	210.0	1.5	0.0	35.1
410.0	220.0	1.5	0.0	37.6	430.0	220.0	1.5	0.0	36.4	450.0	220.0	1.5	0.0	35.3
410.0	230.0	1.5	0.0	38.0	430.0	230.0	1.5	0.0	36.8	450.0	230.0	1.5	0.0	35.7
410.0	240.0	1.5	0.0	38.5	430.0	240.0	1.5	0.0	37.2	450.0	240.0	1.5	0.0	35.8
410.0	250.0	1.5	0.0	39.1	430.0	250.0	1.5	0.0	37.5	450.0	250.0	1.5	0.0	36.0
410.0	260.0	1.5	0.0	39.5	430.0	260.0	1.5	0.0	37.7	450.0	260.0	1.5	0.0	36.2
410.0	270.0	1.5	0.0	39.8	430.0	270.0	1.5	0.0	37.9	450.0	270.0	1.5	0.0	36.4
410.0	280.0	1.5	0.0	40.1	430.0	280.0	1.5	0.0	38.1	450.0	280.0	1.5	0.0	36.6
410.0	290.0	1.5	0.0	40.3	430.0	290.0	1.5	0.0	38.5	450.0	290.0	1.5	0.0	36.9
410.0	292.0	1.5	0.0	40.5	430.0	292.0	1.5	0.0	38.4	450.0	292.0	1.5	0.0	36.8
410.0	295.0	1.5	0.0	40.5	430.0	295.0	1.5	0.0	38.3	450.0	295.0	1.5	0.0	36.8
410.0	300.0	1.5	0.0	40.4	430.0	300.0	1.5	0.0	38.4	450.0	300.0	1.5	0.0	36.8
410.0	310.0	1.5	0.0	40.2	430.0	310.0	1.5	0.0	38.6	450.0	310.0	1.5	0.0	36.7
410.0	320.0	1.5	0.0	40.2	430.0	320.0	1.5	0.0	38.3	450.0	320.0	1.5	0.0	36.7
410.0	330.0	1.5	0.0	39.9	430.0	330.0	1.5	0.0	38.1	450.0	330.0	1.5	0.0	36.5
410.0	333.5	1.5	0.0	39.8	430.0	333.5	1.5	0.0	38.1	450.0	333.5	1.5	0.0	36.5
410.0	340.0	1.5	0.0	39.5	430.0	340.0	1.5	0.0	37.7	450.0	340.0	1.5	0.0	36.5
410.0	350.0	1.5	0.0	39.3	430.0	350.0	1.5	0.0	37.7	450.0	350.0	1.5	0.0	36.2
410.0	360.0	1.5	0.0	39.1	430.0	360.0	1.5	0.0	37.6	450.0	360.0	1.5	0.0	36.0
410.0	370.0	1.5	0.0	38.8	430.0	370.0	1.5	0.0	37.2	450.0	370.0	1.5	0.0	35.9
410.0	380.0	1.5	0.0	38.5	430.0	380.0	1.5	0.0	36.9	450.0	380.0	1.5	0.0	35.6
410.0	390.0	1.5	0.0	37.9	430.0	390.0	1.5	0.0	36.8	450.0	390.0	1.5	0.0	35.5
410.0	400.0	1.5	0.0	37.6	430.0	400.0	1.5	0.0	36.5	450.0	400.0	1.5	0.0	35.4
410.0	410.0	1.5	0.0	37.4	430.0	410.0	1.5	0.0	36.1	450.0	410.0	1.5	0.0	35.1
410.0	420.0	1.5	0.0	37.0	430.0	420.0	1.5	0.0	35.7	450.0	420.0	1.5	0.0	34.6
410.0	430.0	1.5	0.0	36.5	430.0	430.0	1.5	0.0	35.6	450.0	430.0	1.5	0.0	34.6
410.0	440.0	1.5	0.0	36.1	430.0	440.0	1.5	0.0	35.3	450.0	440.0	1.5	0.0	34.2
410.0	450.0	1.5	0.0	35.6	430.0	450.0	1.5	0.0	34.8	450.0	450.0	1.5	0.0	34.1
410.0	460.0	1.5	0.0	35.1	430.0	460.0	1.5	0.0	34.6	450.0	460.0	1.5	0.0	33.9
410.0	470.0	1.5	0.0	34.8	430.0	470.0	1.5	0.0	34.1	450.0	470.0	1.5	0.0	33.5
410.0	480.0	1.5	0.0	34.4	430.0	480.0	1.5	0.0	33.7	450.0	480.0	1.5	0.0	33.3
410.0	490.0	1.5	0.0	33.9	430.0	490.0	1.5	0.0	33.4	450.0	490.0	1.5	0.0	33.0
410.0	500.0	1.5	0.0	33.5	430.0	500.0	1.5	0.0	33.1	450.0	500.0	1.5	0.0	32.5
410.0	510.0	1.5	0.0	33.2	430.0	510.0	1.5	0.0	32.8	450.0	510.0	1.5	0.0	32.2
410.0	520.0	1.5	0.0	33.0	430.0	520.0	1.5	0.0	32.4	450.0	520.0	1.5	0.0	31.8
410.0	530.0	1.5	0.0	32.7	430.0	530.0	1.5	0.0	32.0	450.0	530.0	1.5	0.0	31.8

450.0	540.0	1.5	0.0	31.4	470.0	540.0	1.5	0.0	30.8	490.0	540.0	1.5	0.0	30.6
450.0	550.0	1.5	0.0	31.1	470.0	550.0	1.5	0.0	30.5	490.0	550.0	1.5	0.0	30.2
450.0	560.0	1.5	0.0	30.7	470.0	560.0	1.5	0.0	30.6	490.0	560.0	1.5	0.0	30.0
450.0	570.0	1.5	0.0	30.4	470.0	570.0	1.5	0.0	30.2	490.0	570.0	1.5	0.0	29.7
450.0	580.0	1.5	0.0	30.2	470.0	580.0	1.5	0.0	30.0	490.0	580.0	1.5	0.0	29.4
450.0	590.0	1.5	0.0	29.9	470.0	590.0	1.5	0.0	29.7	490.0	590.0	1.5	0.0	29.2
450.0	600.0	1.5	0.0	29.7	470.0	600.0	1.5	0.0	29.4	490.0	600.0	1.5	0.0	29.2
460.0	0.0	1.5	0.0	28.9	480.0	0.0	1.5	0.0	28.7	500.0	0.0	1.5	0.0	28.4
460.0	10.0	1.5	0.0	29.1	480.0	10.0	1.5	0.0	28.9	500.0	10.0	1.5	0.0	28.7
460.0	20.0	1.5	0.0	29.5	480.0	20.0	1.5	0.0	29.3	500.0	20.0	1.5	0.0	28.8
460.0	30.0	1.5	0.0	29.6	480.0	30.0	1.5	0.0	29.6	500.0	30.0	1.5	0.0	29.0
460.0	40.0	1.5	0.0	29.9	480.0	40.0	1.5	0.0	29.8	500.0	40.0	1.5	0.0	29.3
460.0	50.0	1.5	0.0	30.2	480.0	50.0	1.5	0.0	29.8	500.0	50.0	1.5	0.0	29.6
460.0	60.0	1.5	0.0	30.6	480.0	60.0	1.5	0.0	30.1	500.0	60.0	1.5	0.0	29.7
460.0	70.0	1.5	0.0	30.8	480.0	70.0	1.5	0.0	30.4	500.0	70.0	1.5	0.0	29.9
460.0	80.0	1.5	0.0	31.1	480.0	80.0	1.5	0.0	30.5	500.0	80.0	1.5	0.0	30.0
460.0	90.0	1.5	0.0	31.3	480.0	90.0	1.5	0.0	30.8	500.0	90.0	1.5	0.0	30.3
460.0	100.0	1.5	0.0	31.6	480.0	100.0	1.5	0.0	31.1	500.0	100.0	1.5	0.0	30.4
460.0	110.0	1.5	0.0	31.8	480.0	110.0	1.5	0.0	31.3	500.0	110.0	1.5	0.0	30.6
460.0	120.0	1.5	0.0	32.1	480.0	120.0	1.5	0.0	31.4	500.0	120.0	1.5	0.0	31.0
460.0	130.0	1.5	0.0	32.4	480.0	130.0	1.5	0.0	31.6	500.0	130.0	1.5	0.0	31.2
460.0	140.0	1.5	0.0	32.5	480.0	140.0	1.5	0.0	32.1	500.0	140.0	1.5	0.0	31.4
460.0	150.0	1.5	0.0	32.9	480.0	150.0	1.5	0.0	32.3	500.0	150.0	1.5	0.0	31.8
460.0	160.0	1.5	0.0	33.2	480.0	160.0	1.5	0.0	32.6	500.0	160.0	1.5	0.0	31.7
460.0	170.0	1.5	0.0	33.5	480.0	170.0	1.5	0.0	32.8	500.0	170.0	1.5	0.0	32.0
460.0	180.0	1.5	0.0	33.9	480.0	180.0	1.5	0.0	33.0	500.0	180.0	1.5	0.0	32.3
460.0	190.0	1.5	0.0	34.1	480.0	190.0	1.5	0.0	33.2	500.0	190.0	1.5	0.0	32.5
460.0	200.0	1.5	0.0	34.4	480.0	200.0	1.5	0.0	33.4	500.0	200.0	1.5	0.0	32.7
460.0	210.0	1.5	0.0	34.5	480.0	210.0	1.5	0.0	33.7	500.0	210.0	1.5	0.0	32.9
460.0	220.0	1.5	0.0	34.9	480.0	220.0	1.5	0.0	33.9	500.0	220.0	1.5	0.0	33.0
460.0	230.0	1.5	0.0	35.1	480.0	230.0	1.5	0.0	34.0	500.0	230.0	1.5	0.0	33.1
460.0	240.0	1.5	0.0	35.3	480.0	240.0	1.5	0.0	34.2	500.0	240.0	1.5	0.0	33.2
460.0	250.0	1.5	0.0	35.4	480.0	250.0	1.5	0.0	34.2	500.0	250.0	1.5	0.0	33.2
460.0	260.0	1.5	0.0	35.7	480.0	260.0	1.5	0.0	34.3	500.0	260.0	1.5	0.0	33.4
460.0	270.0	1.5	0.0	35.6	480.0	270.0	1.5	0.0	34.6	500.0	270.0	1.5	0.0	33.5
460.0	280.0	1.5	0.0	35.9	480.0	280.0	1.5	0.0	34.9	500.0	280.0	1.5	0.0	33.8
460.0	290.0	1.5	0.0	36.1	480.0	290.0	1.5	0.0	34.8	500.0	290.0	1.5	0.0	33.7
460.0	292.0	1.5	0.0	36.1	480.0	292.0	1.5	0.0	34.9	500.0	292.0	1.5	0.0	34.0
460.0	295.0	1.5	0.0	36.1	480.0	295.0	1.5	0.0	35.0	500.0	295.0	1.5	0.0	34.1
460.0	300.0	1.5	0.0	36.3	480.0	300.0	1.5	0.0	35.2	500.0	300.0	1.5	0.0	33.7
460.0	310.0	1.5	0.0	36.0	480.0	310.0	1.5	0.0	34.8	500.0	310.0	1.5	0.0	33.6
460.0	320.0	1.5	0.0	36.1	480.0	320.0	1.5	0.0	34.7	500.0	320.0	1.5	0.0	33.7
460.0	330.0	1.5	0.0	35.8	480.0	330.0	1.5	0.0	34.7	500.0	330.0	1.5	0.0	33.6
460.0	333.5	1.5	0.0	35.8	480.0	333.5	1.5	0.0	34.5	500.0	333.5	1.5	0.0	33.5
460.0	340.0	1.5	0.0	35.8	480.0	340.0	1.5	0.0	34.6	500.0	340.0	1.5	0.0	33.5
460.0	350.0	1.5	0.0	35.6	480.0	350.0	1.5	0.0	34.5	500.0	350.0	1.5	0.0	33.7
460.0	360.0	1.5	0.0	35.5	480.0	360.0	1.5	0.0	34.4	500.0	360.0	1.5	0.0	33.4
460.0	370.0	1.5	0.0	35.4	480.0	370.0	1.5	0.0	34.3	500.0	370.0	1.5	0.0	33.2
460.0	380.0	1.5	0.0	35.1	480.0	380.0	1.5	0.0	34.2	500.0	380.0	1.5	0.0	33.2
460.0	390.0	1.5	0.0	35.0	480.0	390.0	1.5	0.0	33.9	500.0	390.0	1.5	0.0	33.1
460.0	400.0	1.5	0.0	34.7	480.0	400.0	1.5	0.0	33.8	500.0	400.0	1.5	0.0	32.8
460.0	410.0	1.5	0.0	34.5	480.0	410.0	1.5	0.0	33.5	500.0	410.0	1.5	0.0	32.7
460.0	420.0	1.5	0.0	34.3	480.0	420.0	1.5	0.0	33.4	500.0	420.0	1.5	0.0	32.5
460.0	430.0	1.5	0.0	33.9	480.0	430.0	1.5	0.0	33.3	500.0	430.0	1.5	0.0	32.4
460.0	440.0	1.5	0.0	33.8	480.0	440.0	1.5	0.0	32.8	500.0	440.0	1.5	0.0	32.3
460.0	450.0	1.5	0.0	33.5	480.0	450.0	1.5	0.0	32.7	500.0	450.0	1.5	0.0	32.0
460.0	460.0	1.5	0.0	33.4	480.0	460.0	1.5	0.0	32.5	500.0	460.0	1.5	0.0	31.6
460.0	470.0	1.5	0.0	33.2	480.0	470.0	1.5	0.0	32.4	500.0	470.0	1.5	0.0	31.6
460.0	480.0	1.5	0.0	32.9	480.0	480.0	1.5	0.0	32.2	500.0	480.0	1.5	0.0	31.4
460.0	490.0	1.5	0.0	32.6	480.0	490.0	1.5	0.0	32.1	500.0	490.0	1.5	0.0	31.3
460.0	500.0	1.5	0.0	32.4	480.0	500.0	1.5	0.0	31.8	500.0	500.0	1.5	0.0	31.1
460.0	510.0	1.5	0.0	31.9	480.0	510.0	1.5	0.0	31.4	500.0	510.0	1.5	0.0	31.0
460.0	520.0	1.5	0.0	31.6	480.0	520.0	1.5	0.0	31.3	500.0	520.0	1.5	0.0	30.7
460.0	530.0	1.5	0.0	31.3	480.0	530.0	1.5	0.0	31.0	500.0	530.0	1.5	0.0	30.4
460.0	540.0	1.5	0.0	31.0	480.0	540.0	1.5	0.0	30.7	500.0	540.0	1.5	0.0	30.4
460.0	550.0	1.5	0.0	30.9	480.0	550.0	1.5	0.0	30.4	500.0	550.0	1.5	0.0	30.1
460.0	560.0	1.5	0.0	30.7	480.0	560.0	1.5	0.0	30.1	500.0	560.0	1.5	0.0	29.8
460.0	570.0	1.5	0.0	30.3	480.0	570.0	1.5	0.0	29.9	500.0	570.0	1.5	0.0	29.6
460.0	580.0	1.5	0.0	30.0	480.0	580.0	1.5	0.0	29.8	500.0	580.0	1.5	0.0	29.3
460.0	590.0	1.5	0.0	29.8	480.0	590.0	1.5	0.0	29.6	500.0	590.0	1.5	0.0	29.1
460.0	600.0	1.5	0.0	29.5	480.0	600.0	1.5	0.0	29.3	500.0	600.0	1.5	0.0	28.8
470.0	0.0	1.5	0.0	28.8	490.0	0.0	1.5	0.0	28.7	510.0	0.0	1.5	0.0	28.4
470.0	10.0	1.5	0.0	29.1	490.0	10.0	1.5	0.0	28.9	510.0	10.0	1.5	0.0	28.4
470.0	20.0	1.5	0.0	29.3	490.0	20.0	1.5	0.0	29.1	510.0	20.0	1.5	0.0	28.7
470.0	30.0	1.5	0.0	29.7	490.0	30.0	1.5	0.0	29.2	510.0	30.0	1.5	0.0	28.9
470.0	40.0	1.5	0.0	29.8	490.0	40.0	1.5	0.0	29.4	510.0	40.0	1.5	0.0	29.2
470.0	50.0	1.5	0.0	30.2	490.0	50.0	1.5	0.0	29.7	510.0	50.0	1.5	0.0	29.2
470.0	60.0	1.5	0.0	30.4	490.0	60.0	1.5	0.0	30.0	510.0	60.0	1.5	0.0	29.5
470.0	70.0	1.5	0.0	30.5	490.0	70.0	1.5	0.0	30.1	510.0	70.0	1.5	0.0	29.6
470.0	80.0	1.5	0.0	30.8	490.0	80.0	1.5	0.0	30.4	510.0	80.0	1.5	0.0	29.8
470.0	90.0	1.5	0.0	31.1	490.0	90.0	1.5	0.0	30.4	510.0	90.0	1.5	0.0	29.9
470.0	100.0	1.5	0.0	31.3	490.0	100.0	1.5	0.0	30.8	510.0	100.0	1.5	0.0	30.2
470.0	110.0	1.5	0.0	31.6	490.0	110.0	1.5	0.0	30.8	510.0	110.0	1.5	0.0	30.5
470.0	120.0	1.5	0.0	31.8	490.0	120.0	1.5	0.0	31.1	510.0	120.0	1.5	0.0	30.8
470.0	130.0	1.5	0.0	31.9	490.0	130.0	1.5	0.0	31.5	510.0	130.0	1.5	0.0	30.9
470.0	140.0	1.5	0.0	32.1	490.0	140.0	1.5	0.0	31.7	510.0	140.0	1.5	0.0	31.2
470.0	150.0	1.5	0.0	32.7	490.0	150.0	1.5	0.0	32.0	510.0	150.0	1.5	0.0	31.2
470.0	160.0	1.5	0.0	32.8	490.0	160.0	1.5	0.0	32.4	510.0	160.0	1.5	0.0	31.5
470.0	170.0	1.5	0.0	33.3	490.0	170.0	1.5	0.0	32.4	510.0	170.0	1.5	0.0	31.8
470.0	180.0	1.5	0.0	33.3	490.0	180.0	1.5	0.0	32.6	510.0	180.0	1.5	0.0	31.9
470.0	190.0	1.5	0.0	33.8	490.0	190.0	1.5	0.0	32.8	510.0	190.0	1.5	0.0	32.0
470.0	200.0	1.5	0.0	33.8	490.0	200.0	1.5	0.0	33.1	510.0	200.0	1.5	0.0	32.3
470.0	210.0	1.5	0.0	34.1	490.0	210.0	1.5	0.0	33.3	510.0	210.0	1.5	0.0	32.3
470.0	220.0	1.5	0.0	34.4	490.0	220.0	1.5	0.0	33.3	510.0	220.0	1.5	0.0	32.5
470.0	230.0	1.5	0.0	34.5	490.0	230.0	1.5	0.0	33.6	510.0	230.0	1.5	0.0	32.6
470.0	240.0	1.5	0.0	34.7	490.0	240.0	1.5	0.0	33.6	510.0	240.0	1.5	0.0	32.7
470.0	250.0	1.5	0.0	34.8	490.0	250.0	1.5	0.0	33.8	510.0	250.0	1.5	0.0	32.9
470.0	260.0	1.5	0.0	35.0	490.0	260.0	1.5	0.0	33.9	510.0	260.0	1.5	0.0	33.0
470.0	270.0	1.5	0.0	35.2	490.0	270.0	1.5	0.0	34.0	510.0	270.0	1.5	0.0	33.1
470.0	280.0	1.5	0.0	35.2	490.0	280.0	1.5	0.0	34.5	510.0	280.0	1.5	0.0	33.3
470.0	290.0	1.5	0.0	35.3	490.0	290.0	1.5	0.0	34.2	510.0	290.0	1.5	0.0	33.4
470.0	292.0	1.5	0.0	35.4	490.0	292.0	1.5	0.0	34.3	510.0	292.0	1.5	0.0	33.5
470.0	295.0	1.5	0.0	35.5	490.0	295.0	1.5	0.0	34.5	510.0	295.0	1.5	0.0	33.6
470.0	300.0	1.5	0.0	35.6	490.0	300.0	1.5	0.0	34.3	510.0	300.0	1.5	0.0	33.2
470.0	310.0	1.5	0.0	35.4	490.0	310.0	1.5	0.0	34.2	510.0	310.0	1.5	0.0	33.3
470.0	320.0	1.5	0.0	35.4	490.0	320.0	1.5	0.0	34.2	510.0	320.0	1.5	0.0	33.2
470.0	330.0	1.5	0.0	35.2	490.0	330.0	1.5	0.0	34.1	510.0	330.0	1.5	0.0	33.1
470.0	333.5	1.5	0.0	35.2	490.0	333.5	1.5	0.0	34.0	510.0	333.5	1.5	0.0	33.0
470.0	340.0	1.5	0.0	35.2	490.0	340.0	1.5	0.0	34.0	510.0	340.0	1.5	0.0	33.0
470.0	350.0	1.5	0.0	35.0	490.0	350.0	1.5	0.0	34.2	510.0	350.0	1.5	0.0	33.2
470.0	360.0	1.5	0.0	34.9	490.0	360.0	1.5	0.0	33.9	510.0	360.0	1.5	0.0	33.0
470.0	370.0	1.5	0.0	34.8	490.0	370.0	1.5	0.0	33.6	510.0	370.0	1.5	0.0	32.7
470.0	380.0	1.5	0.0	34.6	490.0	380.0	1.5	0.0	33.7	510.0	380.0	1.5	0.0	32.7
470.0	390.0	1.5	0.0	34.3	490.0	390.0	1.5	0.0	33.5	510.0	390.0	1.5	0.0	32.7
470.0	400.0	1.5	0.0	34.2	490.0	400.0	1.5	0.0	33.3	510.0	400.0	1.5	0.0	32.5
470.0	410.0	1.5	0.0	34.1	490.0	410.0	1.5	0.0	33.1	510.0	410.0	1.5	0.0	32.3
470.0	420.0	1.5	0.0	33.9	490.0	420.0	1.5	0.0	33.1	510.0	420.0	1.5	0.0	32.2
470.0	430.0	1.5	0.0	33.5	490.0	430.0	1.5	0.0	32.7	510.0	430.0	1.5	0.0	32.0
470.0	440.0	1.5	0.0	33.3	490.0	440.0	1.5	0.0	32.5	510.0	440.0	1.5	0.0	31.8
470.0	450.0	1.5	0.0	33.1	490.0	450.0	1.5	0.0	32.2	510.0	450.0	1.5	0.0	31.7
470.0	460.0	1.5	0.0	32.9	490.0	460.0	1.5	0.0	32.1	510.0	460.0	1.5	0.0	31.3
470.0	470.0	1.5	0.0	32.8	490.0	470.0	1.5	0.0	31.9	510.0	470.0	1.5	0.0	31.2
470.0	480.0	1.5	0.0	32.6	490.0	480.0	1.5	0.0	31.8	510.0	480.0	1.5	0.0	31.1
470.0	490.0	1.5	0.0	32.3	490.0	490.0	1.5	0.0	31.7	510.0	490.0	1.5	0.0	31.0
470.0	500.0	1.5	0.0	32.0	490.0	500.0	1.5	0.0	31.5	510.0	500.0	1.5	0.0	30.8
470.0	510.0	1.5	0.0	31.8	490.0	510.0	1.5	0.0	31.2	510.0	510.0	1.5	0.0	30.6
470.0	520.0	1.5	0.0	31.5	490.0	520.0	1.5	0.0	30.9	510.0	520.0	1.5	0.0	30.5
470.0	530.0	1.5	0.0	31.2	490.0	530.0	1.5	0.0	30.8	510.0	530.0	1.5	0.0	30.3

510.0	540.0	1.5	0.0	30.0	530.0	540.0	1.5	0.0	29.6	550.0	540.0	1.5	0.0	29.0
510.0	550.0	1.5	0.0	29.9	530.0	550.0	1.5	0.0	29.4	550.0	550.0	1.5	0.0	28.9
510.0	560.0	1.5	0.0	29.7	530.0	560.0	1.5	0.0	29.1	550.0	560.0	1.5	0.0	28.8
510.0	570.0	1.5	0.0	29.5	530.0	570.0	1.5	0.0	29.0	550.0	570.0	1.5	0.0	28.6
510.0	580.0	1.5	0.0	29.2	530.0	580.0	1.5	0.0	28.9	550.0	580.0	1.5	0.0	28.4
510.0	590.0	1.5	0.0	28.9	530.0	590.0	1.5	0.0	28.7	550.0	590.0	1.5	0.0	28.2
510.0	600.0	1.5	0.0	28.7	530.0	600.0	1.5	0.0	28.4	550.0	600.0	1.5	0.0	28.1
520.0	0.0	1.5	0.0	28.1	540.0	0.0	1.5	0.0	27.7	560.0	0.0	1.5	0.0	27.3
520.0	10.0	1.5	0.0	28.3	540.0	10.0	1.5	0.0	27.9	560.0	10.0	1.5	0.0	27.5
520.0	20.0	1.5	0.0	28.5	540.0	20.0	1.5	0.0	28.1	560.0	20.0	1.5	0.0	27.7
520.0	30.0	1.5	0.0	28.7	540.0	30.0	1.5	0.0	28.2	560.0	30.0	1.5	0.0	27.8
520.0	40.0	1.5	0.0	28.8	540.0	40.0	1.5	0.0	28.4	560.0	40.0	1.5	0.0	27.9
520.0	50.0	1.5	0.0	29.1	540.0	50.0	1.5	0.0	28.6	560.0	50.0	1.5	0.0	28.0
520.0	60.0	1.5	0.0	29.1	540.0	60.0	1.5	0.0	28.6	560.0	60.0	1.5	0.0	28.3
520.0	70.0	1.5	0.0	29.5	540.0	70.0	1.5	0.0	28.8	560.0	70.0	1.5	0.0	28.5
520.0	80.0	1.5	0.0	29.5	540.0	80.0	1.5	0.0	29.0	560.0	80.0	1.5	0.0	28.7
520.0	90.0	1.5	0.0	29.7	540.0	90.0	1.5	0.0	29.4	560.0	90.0	1.5	0.0	28.8
520.0	100.0	1.5	0.0	30.1	540.0	100.0	1.5	0.0	29.5	560.0	100.0	1.5	0.0	28.9
520.0	110.0	1.5	0.0	30.3	540.0	110.0	1.5	0.0	29.8	560.0	110.0	1.5	0.0	29.2
520.0	120.0	1.5	0.0	30.4	540.0	120.0	1.5	0.0	29.9	560.0	120.0	1.5	0.0	29.4
520.0	130.0	1.5	0.0	30.7	540.0	130.0	1.5	0.0	30.1	560.0	130.0	1.5	0.0	29.6
520.0	140.0	1.5	0.0	30.9	540.0	140.0	1.5	0.0	30.3	560.0	140.0	1.5	0.0	29.7
520.0	150.0	1.5	0.0	30.8	540.0	150.0	1.5	0.0	30.5	560.0	150.0	1.5	0.0	29.8
520.0	160.0	1.5	0.0	31.3	540.0	160.0	1.5	0.0	30.5	560.0	160.0	1.5	0.0	29.9
520.0	170.0	1.5	0.0	31.4	540.0	170.0	1.5	0.0	30.7	560.0	170.0	1.5	0.0	30.1
520.0	180.0	1.5	0.0	31.5	540.0	180.0	1.5	0.0	30.9	560.0	180.0	1.5	0.0	30.2
520.0	190.0	1.5	0.0	31.7	540.0	190.0	1.5	0.0	31.0	560.0	190.0	1.5	0.0	30.3
520.0	200.0	1.5	0.0	31.9	540.0	200.0	1.5	0.0	31.1	560.0	200.0	1.5	0.0	30.5
520.0	210.0	1.5	0.0	32.0	540.0	210.0	1.5	0.0	31.3	560.0	210.0	1.5	0.0	30.5
520.0	220.0	1.5	0.0	32.1	540.0	220.0	1.5	0.0	31.2	560.0	220.0	1.5	0.0	30.5
520.0	230.0	1.5	0.0	32.1	540.0	230.0	1.5	0.0	31.3	560.0	230.0	1.5	0.0	30.8
520.0	240.0	1.5	0.0	32.3	540.0	240.0	1.5	0.0	31.6	560.0	240.0	1.5	0.0	30.8
520.0	250.0	1.5	0.0	32.5	540.0	250.0	1.5	0.0	31.5	560.0	250.0	1.5	0.0	30.7
520.0	260.0	1.5	0.0	32.4	540.0	260.0	1.5	0.0	31.7	560.0	260.0	1.5	0.0	31.1
520.0	270.0	1.5	0.0	32.7	540.0	270.0	1.5	0.0	31.8	560.0	270.0	1.5	0.0	31.2
520.0	280.0	1.5	0.0	32.9	540.0	280.0	1.5	0.0	32.1	560.0	280.0	1.5	0.0	31.2
520.0	290.0	1.5	0.0	33.0	540.0	290.0	1.5	0.0	32.2	560.0	290.0	1.5	0.0	31.1
520.0	292.0	1.5	0.0	33.1	540.0	292.0	1.5	0.0	32.0	560.0	292.0	1.5	0.0	31.2
520.0	295.0	1.5	0.0	32.7	540.0	295.0	1.5	0.0	31.9	560.0	295.0	1.5	0.0	31.0
520.0	300.0	1.5	0.0	32.7	540.0	300.0	1.5	0.0	31.8	560.0	300.0	1.5	0.0	31.0
520.0	310.0	1.5	0.0	32.8	540.0	310.0	1.5	0.0	31.9	560.0	310.0	1.5	0.0	31.1
520.0	320.0	1.5	0.0	32.8	540.0	320.0	1.5	0.0	31.9	560.0	320.0	1.5	0.0	31.1
520.0	330.0	1.5	0.0	32.6	540.0	330.0	1.5	0.0	31.7	560.0	330.0	1.5	0.0	30.8
520.0	333.5	1.5	0.0	32.6	540.0	333.5	1.5	0.0	31.7	560.0	333.5	1.5	0.0	30.9
520.0	340.0	1.5	0.0	32.5	540.0	340.0	1.5	0.0	31.7	560.0	340.0	1.5	0.0	30.9
520.0	350.0	1.5	0.0	32.8	540.0	350.0	1.5	0.0	31.8	560.0	350.0	1.5	0.0	31.0
520.0	360.0	1.5	0.0	32.5	540.0	360.0	1.5	0.0	31.8	560.0	360.0	1.5	0.0	31.1
520.0	370.0	1.5	0.0	32.4	540.0	370.0	1.5	0.0	31.6	560.0	370.0	1.5	0.0	30.9
520.0	380.0	1.5	0.0	32.3	540.0	380.0	1.5	0.0	31.4	560.0	380.0	1.5	0.0	30.7
520.0	390.0	1.5	0.0	32.2	540.0	390.0	1.5	0.0	31.4	560.0	390.0	1.5	0.0	30.7
520.0	400.0	1.5	0.0	32.0	540.0	400.0	1.5	0.0	31.2	560.0	400.0	1.5	0.0	30.5
520.0	410.0	1.5	0.0	31.8	540.0	410.0	1.5	0.0	31.2	560.0	410.0	1.5	0.0	30.3
520.0	420.0	1.5	0.0	31.8	540.0	420.0	1.5	0.0	30.9	560.0	420.0	1.5	0.0	30.4
520.0	430.0	1.5	0.0	31.5	540.0	430.0	1.5	0.0	30.9	560.0	430.0	1.5	0.0	30.3
520.0	440.0	1.5	0.0	31.6	540.0	440.0	1.5	0.0	30.7	560.0	440.0	1.5	0.0	30.1
520.0	450.0	1.5	0.0	31.3	540.0	450.0	1.5	0.0	30.7	560.0	450.0	1.5	0.0	30.0
520.0	460.0	1.5	0.0	31.1	540.0	460.0	1.5	0.0	30.4	560.0	460.0	1.5	0.0	29.9
520.0	470.0	1.5	0.0	30.8	540.0	470.0	1.5	0.0	30.4	560.0	470.0	1.5	0.0	29.7
520.0	480.0	1.5	0.0	30.7	540.0	480.0	1.5	0.0	30.0	560.0	480.0	1.5	0.0	29.7
520.0	490.0	1.5	0.0	30.5	540.0	490.0	1.5	0.0	29.9	560.0	490.0	1.5	0.0	29.4
520.0	500.0	1.5	0.0	30.5	540.0	500.0	1.5	0.0	29.7	560.0	500.0	1.5	0.0	29.1
520.0	510.0	1.5	0.0	30.3	540.0	510.0	1.5	0.0	29.6	560.0	510.0	1.5	0.0	29.1
520.0	520.0	1.5	0.0	30.2	540.0	520.0	1.5	0.0	29.5	560.0	520.0	1.5	0.0	29.0
520.0	530.0	1.5	0.0	30.0	540.0	530.0	1.5	0.0	29.5	560.0	530.0	1.5	0.0	28.8
520.0	540.0	1.5	0.0	29.8	540.0	540.0	1.5	0.0	29.3	560.0	540.0	1.5	0.0	28.7
520.0	550.0	1.5	0.0	29.5	540.0	550.0	1.5	0.0	29.2	560.0	550.0	1.5	0.0	28.6
520.0	560.0	1.5	0.0	29.4	540.0	560.0	1.5	0.0	29.0	560.0	560.0	1.5	0.0	28.5
520.0	570.0	1.5	0.0	29.3	540.0	570.0	1.5	0.0	28.7	560.0	570.0	1.5	0.0	28.4
520.0	580.0	1.5	0.0	29.0	540.0	580.0	1.5	0.0	28.6	560.0	580.0	1.5	0.0	28.3
520.0	590.0	1.5	0.0	28.8	540.0	590.0	1.5	0.0	28.5	560.0	590.0	1.5	0.0	28.1
520.0	600.0	1.5	0.0	28.5	540.0	600.0	1.5	0.0	28.3	560.0	600.0	1.5	0.0	27.8
530.0	0.0	1.5	0.0	27.9	550.0	0.0	1.5	0.0	27.6	570.0	0.0	1.5	0.0	27.1
530.0	10.0	1.5	0.0	28.1	550.0	10.0	1.5	0.0	27.6	570.0	10.0	1.5	0.0	27.4
530.0	20.0	1.5	0.0	28.3	550.0	20.0	1.5	0.0	27.7	570.0	20.0	1.5	0.0	27.4
530.0	30.0	1.5	0.0	28.4	550.0	30.0	1.5	0.0	28.1	570.0	30.0	1.5	0.0	27.6
530.0	40.0	1.5	0.0	28.7	550.0	40.0	1.5	0.0	28.3	570.0	40.0	1.5	0.0	27.7
530.0	50.0	1.5	0.0	28.7	550.0	50.0	1.5	0.0	28.3	570.0	50.0	1.5	0.0	27.9
530.0	60.0	1.5	0.0	29.1	550.0	60.0	1.5	0.0	28.4	570.0	60.0	1.5	0.0	28.2
530.0	70.0	1.5	0.0	29.1	550.0	70.0	1.5	0.0	28.7	570.0	70.0	1.5	0.0	28.3
530.0	80.0	1.5	0.0	29.2	550.0	80.0	1.5	0.0	29.0	570.0	80.0	1.5	0.0	28.4
530.0	90.0	1.5	0.0	29.5	550.0	90.0	1.5	0.0	29.1	570.0	90.0	1.5	0.0	28.5
530.0	100.0	1.5	0.0	29.8	550.0	100.0	1.5	0.0	29.2	570.0	100.0	1.5	0.0	28.8
530.0	110.0	1.5	0.0	30.0	550.0	110.0	1.5	0.0	29.4	570.0	110.0	1.5	0.0	29.1
530.0	120.0	1.5	0.0	30.2	550.0	120.0	1.5	0.0	29.7	570.0	120.0	1.5	0.0	29.1
530.0	130.0	1.5	0.0	30.4	550.0	130.0	1.5	0.0	29.7	570.0	130.0	1.5	0.0	29.3
530.0	140.0	1.5	0.0	30.3	550.0	140.0	1.5	0.0	30.0	570.0	140.0	1.5	0.0	29.4
530.0	150.0	1.5	0.0	30.8	550.0	150.0	1.5	0.0	30.2	570.0	150.0	1.5	0.0	29.5
530.0	160.0	1.5	0.0	31.0	550.0	160.0	1.5	0.0	30.2	570.0	160.0	1.5	0.0	29.6
530.0	170.0	1.5	0.0	30.9	550.0	170.0	1.5	0.0	30.3	570.0	170.0	1.5	0.0	29.8
530.0	180.0	1.5	0.0	31.1	550.0	180.0	1.5	0.0	30.6	570.0	180.0	1.5	0.0	29.7
530.0	190.0	1.5	0.0	31.4	550.0	190.0	1.5	0.0	30.5	570.0	190.0	1.5	0.0	30.1
530.0	200.0	1.5	0.0	31.3	550.0	200.0	1.5	0.0	30.8	570.0	200.0	1.5	0.0	30.0
530.0	210.0	1.5	0.0	31.7	550.0	210.0	1.5	0.0	30.8	570.0	210.0	1.5	0.0	30.0
530.0	220.0	1.5	0.0	31.6	550.0	220.0	1.5	0.0	30.8	570.0	220.0	1.5	0.0	30.2
530.0	230.0	1.5	0.0	31.8	550.0	230.0	1.5	0.0	31.0	570.0	230.0	1.5	0.0	30.4
530.0	240.0	1.5	0.0	31.9	550.0	240.0	1.5	0.0	31.2	570.0	240.0	1.5	0.0	30.3
530.0	250.0	1.5	0.0	32.0	550.0	250.0	1.5	0.0	31.1	570.0	250.0	1.5	0.0	30.5
530.0	260.0	1.5	0.0	32.0	550.0	260.0	1.5	0.0	31.5	570.0	260.0	1.5	0.0	30.6
530.0	270.0	1.5	0.0	32.3	550.0	270.0	1.5	0.0	31.5	570.0	270.0	1.5	0.0	30.9
530.0	280.0	1.5	0.0	32.4	550.0	280.0	1.5	0.0	31.7	570.0	280.0	1.5	0.0	30.8
530.0	290.0	1.5	0.0	32.7	550.0	290.0	1.5	0.0	31.5	570.0	290.0	1.5	0.0	30.8
530.0	292.0	1.5	0.0	32.6	550.0	292.0	1.5	0.0	31.5	570.0	292.0	1.5	0.0	30.7
530.0	295.0	1.5	0.0	32.3	550.0	295.0	1.5	0.0	31.4	570.0	295.0	1.5	0.0	30.6
530.0	300.0	1.5	0.0	32.2	550.0	300.0	1.5	0.0	31.3	570.0	300.0	1.5	0.0	30.7
530.0	310.0	1.5	0.0	32.4	550.0	310.0	1.5	0.0	31.4	570.0	310.0	1.5	0.0	30.7
530.0	320.0	1.5	0.0	32.3	550.0	320.0	1.5	0.0	31.5	570.0	320.0	1.5	0.0	30.7
530.0	330.0	1.5	0.0	32.2	550.0	330.0	1.5	0.0	31.3	570.0	330.0	1.5	0.0	30.4
530.0	333.5	1.5	0.0	32.1	550.0	333.5	1.5	0.0	31.2	570.0	333.5	1.5	0.0	30.6
530.0	340.0	1.5	0.0	32.1	550.0	340.0	1.5	0.0	31.3	570.0	340.0	1.5	0.0	30.6
530.0	350.0	1.5	0.0	32.2	550.0	350.0	1.5	0.0	31.3	570.0	350.0	1.5	0.0	30.5
530.0	360.0	1.5	0.0	32.1	550.0	360.0	1.5	0.0	31.6	570.0	360.0	1.5	0.0	30.7
530.0	370.0	1.5	0.0	32.0	550.0	370.0	1.5	0.0	31.3	570.0	370.0	1.5	0.0	30.6
530.0	380.0	1.5	0.0	31.9	550.0	380.0	1.5	0.0	31.0	570.0	380.0	1.5	0.0	30.3
530.0	390.0	1.5	0.0	31.6	550.0	390.0	1.5	0.0	31.1	570.0	390.0	1.5	0.0	30.4
530.0	400.0	1.5	0.0	31.6	550.0	400.0	1.5	0.0	31.0	570.0	400.0	1.5	0.0	30.0
530.0	410.0	1.5	0.0	31.5	550.0	410.0	1.5	0.0	30.7	570.0	410.0	1.5	0.0	30.1
530.0	420.0	1.5	0.0	31.4	550.0	420.0	1.5	0.0	30.6	570.0	420.0	1.5	0.0	30.0
530.0	430.0	1.5	0.0	31.2	550.0	430.0	1.5	0.0	30.6	570.0	430.0	1.5	0.0	29.8
530.0	440.0	1.5	0.0	31.0	550.0	440.0	1.5	0.0	30.3	570.0	440.0	1.5	0.0	29.8
530.0	450.0	1.5	0.0	30.9	550.0	450.0	1.5	0.0	30.2	570.0	450.0	1.5	0.0	29.6
530.0	460.0	1.5	0.0	30.8	550.0	460.0	1.5	0.0	30.2	570.0	460.0	1.5	0.0	29.5
530.0	470.0	1.5	0.0	30.6	550.0	470.0	1.5	0.0	30.0	570.0	470.0	1.5	0.0	29.5
530.0	480.0	1.5	0.0	30.3	550.0	480.0	1.5	0.0	29.8	570.0	480.0	1.5	0.0	29.2
530.0	490.0	1.5	0.0	30.2	550.0	490.0	1.5	0.0	29.6	570.0	490.0	1.5	0.0	29.2
530.0	500.0	1.5	0.0	30.1	550.0	500.0	1.5	0.0	29.5	570.0	500.0	1.5	0.0	29.0
530.0	510.0	1.5	0.0	30.0	550.0	510.0	1.5	0.0	29.4	570.0	510.0	1.5	0.0	28.7
530.0	520.0	1.5	0.0	29.8	550.0	520.0	1.5	0.0	29.2	570.0	520.0	1.5	0.0	28.6
530.0	530.0	1.5	0.0	29.7	550.0	530.0	1.5	0.0	29.1	570.0	530.0	1.5	0.0	28.6

570.0	540.0	1.5	0.0	28.4	580.0	570.0	1.5	0.0	27.9	590.0	600.0	1.5	0.0	27.3
570.0	550.0	1.5	0.0	28.3	580.0	580.0	1.5	0.0	27.8	600.0	0.0	1.5	0.0	26.6
570.0	560.0	1.5	0.0	28.3	580.0	590.0	1.5	0.0	27.6	600.0	10.0	1.5	0.0	26.6
570.0	570.0	1.5	0.0	28.1	580.0	600.0	1.5	0.0	27.5	600.0	20.0	1.5	0.0	26.8
570.0	580.0	1.5	0.0	28.0	590.0	0.0	1.5	0.0	26.7	600.0	30.0	1.5	0.0	27.0
570.0	590.0	1.5	0.0	27.9	590.0	10.0	1.5	0.0	26.9	600.0	40.0	1.5	0.0	27.3
570.0	600.0	1.5	0.0	27.7	590.0	20.0	1.5	0.0	27.0	600.0	50.0	1.5	0.0	27.2
580.0	0.0	1.5	0.0	27.1	590.0	30.0	1.5	0.0	27.2	600.0	60.0	1.5	0.0	27.4
580.0	10.0	1.5	0.0	27.0	590.0	40.0	1.5	0.0	27.3	600.0	70.0	1.5	0.0	27.6
580.0	20.0	1.5	0.0	27.2	590.0	50.0	1.5	0.0	27.7	600.0	80.0	1.5	0.0	27.8
580.0	30.0	1.5	0.0	27.2	590.0	60.0	1.5	0.0	27.6	600.0	90.0	1.5	0.0	28.1
580.0	40.0	1.5	0.0	27.5	590.0	70.0	1.5	0.0	27.7	600.0	100.0	1.5	0.0	28.1
580.0	50.0	1.5	0.0	27.8	590.0	80.0	1.5	0.0	27.9	600.0	110.0	1.5	0.0	28.2
580.0	60.0	1.5	0.0	28.0	590.0	90.0	1.5	0.0	28.2	600.0	120.0	1.5	0.0	28.4
580.0	70.0	1.5	0.0	28.0	590.0	100.0	1.5	0.0	28.3	600.0	130.0	1.5	0.0	28.4
580.0	80.0	1.5	0.0	28.1	590.0	110.0	1.5	0.0	28.5	600.0	140.0	1.5	0.0	28.5
580.0	90.0	1.5	0.0	28.4	590.0	120.0	1.5	0.0	28.6	600.0	150.0	1.5	0.0	28.7
580.0	100.0	1.5	0.0	28.7	590.0	130.0	1.5	0.0	28.7	600.0	160.0	1.5	0.0	28.8
580.0	110.0	1.5	0.0	28.7	590.0	140.0	1.5	0.0	28.8	600.0	170.0	1.5	0.0	28.8
580.0	120.0	1.5	0.0	28.9	590.0	150.0	1.5	0.0	28.9	600.0	180.0	1.5	0.0	29.0
580.0	130.0	1.5	0.0	29.0	590.0	160.0	1.5	0.0	29.1	600.0	190.0	1.5	0.0	29.1
580.0	140.0	1.5	0.0	29.1	590.0	170.0	1.5	0.0	29.1	600.0	200.0	1.5	0.0	28.9
580.0	150.0	1.5	0.0	29.2	590.0	180.0	1.5	0.0	29.3	600.0	210.0	1.5	0.0	29.2
580.0	160.0	1.5	0.0	29.4	590.0	190.0	1.5	0.0	29.3	600.0	220.0	1.5	0.0	29.4
580.0	170.0	1.5	0.0	29.5	590.0	200.0	1.5	0.0	29.3	600.0	230.0	1.5	0.0	29.3
580.0	180.0	1.5	0.0	29.5	590.0	210.0	1.5	0.0	29.5	600.0	240.0	1.5	0.0	29.5
580.0	190.0	1.5	0.0	29.8	590.0	220.0	1.5	0.0	29.7	600.0	250.0	1.5	0.0	29.6
580.0	200.0	1.5	0.0	29.7	590.0	230.0	1.5	0.0	29.6	600.0	260.0	1.5	0.0	29.6
580.0	210.0	1.5	0.0	29.6	590.0	240.0	1.5	0.0	29.7	600.0	270.0	1.5	0.0	29.9
580.0	220.0	1.5	0.0	29.9	590.0	250.0	1.5	0.0	29.9	600.0	280.0	1.5	0.0	29.7
580.0	230.0	1.5	0.0	30.0	590.0	260.0	1.5	0.0	29.9	600.0	290.0	1.5	0.0	29.7
580.0	240.0	1.5	0.0	30.0	590.0	270.0	1.5	0.0	30.4	600.0	292.0	1.5	0.0	29.7
580.0	250.0	1.5	0.0	30.2	590.0	280.0	1.5	0.0	30.3	600.0	295.0	1.5	0.0	29.6
580.0	260.0	1.5	0.0	30.2	590.0	290.0	1.5	0.0	30.0	600.0	300.0	1.5	0.0	29.6
580.0	270.0	1.5	0.0	30.6	590.0	292.0	1.5	0.0	30.0	600.0	310.0	1.5	0.0	29.6
580.0	280.0	1.5	0.0	30.7	590.0	295.0	1.5	0.0	29.9	600.0	320.0	1.5	0.0	29.8
580.0	290.0	1.5	0.0	30.4	590.0	300.0	1.5	0.0	29.9	600.0	330.0	1.5	0.0	29.4
580.0	292.0	1.5	0.0	30.4	590.0	310.0	1.5	0.0	30.0	600.0	333.5	1.5	0.0	29.3
580.0	295.0	1.5	0.0	30.3	590.0	320.0	1.5	0.0	30.1	600.0	340.0	1.5	0.0	29.5
580.0	300.0	1.5	0.0	30.3	590.0	330.0	1.5	0.0	29.7	600.0	350.0	1.5	0.0	29.5
580.0	310.0	1.5	0.0	30.3	590.0	333.5	1.5	0.0	29.7	600.0	360.0	1.5	0.0	29.5
580.0	320.0	1.5	0.0	30.5	590.0	340.0	1.5	0.0	29.8	600.0	370.0	1.5	0.0	29.7
580.0	330.0	1.5	0.0	30.1	590.0	350.0	1.5	0.0	29.8	600.0	380.0	1.5	0.0	29.5
580.0	333.5	1.5	0.0	30.2	590.0	360.0	1.5	0.0	29.9	600.0	390.0	1.5	0.0	29.3
580.0	340.0	1.5	0.0	30.2	590.0	370.0	1.5	0.0	29.9	600.0	400.0	1.5	0.0	29.3
580.0	350.0	1.5	0.0	30.2	590.0	380.0	1.5	0.0	29.9	600.0	410.0	1.5	0.0	29.1
580.0	360.0	1.5	0.0	30.3	590.0	390.0	1.5	0.0	29.6	600.0	420.0	1.5	0.0	29.1
580.0	370.0	1.5	0.0	30.2	590.0	400.0	1.5	0.0	29.6	600.0	430.0	1.5	0.0	29.0
580.0	380.0	1.5	0.0	30.2	590.0	410.0	1.5	0.0	29.6	600.0	440.0	1.5	0.0	28.9
580.0	390.0	1.5	0.0	29.9	590.0	420.0	1.5	0.0	29.3	600.0	450.0	1.5	0.0	28.9
580.0	400.0	1.5	0.0	29.9	590.0	430.0	1.5	0.0	29.4	600.0	460.0	1.5	0.0	28.7
580.0	410.0	1.5	0.0	29.8	590.0	440.0	1.5	0.0	29.1	600.0	470.0	1.5	0.0	28.5
580.0	420.0	1.5	0.0	29.6	590.0	450.0	1.5	0.0	29.1	600.0	480.0	1.5	0.0	28.6
580.0	430.0	1.5	0.0	29.7	590.0	460.0	1.5	0.0	28.9	600.0	490.0	1.5	0.0	28.4
580.0	440.0	1.5	0.0	29.6	590.0	470.0	1.5	0.0	28.8	600.0	500.0	1.5	0.0	28.3
580.0	450.0	1.5	0.0	29.3	590.0	480.0	1.5	0.0	28.8	600.0	510.0	1.5	0.0	28.2
580.0	460.0	1.5	0.0	29.2	590.0	490.0	1.5	0.0	28.6	600.0	520.0	1.5	0.0	28.0
580.0	470.0	1.5	0.0	29.3	590.0	500.0	1.5	0.0	28.6	600.0	530.0	1.5	0.0	27.7
580.0	480.0	1.5	0.0	29.0	590.0	510.0	1.5	0.0	28.3	600.0	540.0	1.5	0.0	27.7
580.0	490.0	1.5	0.0	28.9	590.0	520.0	1.5	0.0	28.1	600.0	550.0	1.5	0.0	27.5
580.0	500.0	1.5	0.0	28.7	590.0	530.0	1.5	0.0	28.0	600.0	560.0	1.5	0.0	27.4
580.0	510.0	1.5	0.0	28.5	590.0	540.0	1.5	0.0	27.9	600.0	570.0	1.5	0.0	27.3
580.0	520.0	1.5	0.0	28.4	590.0	550.0	1.5	0.0	27.7	600.0	580.0	1.5	0.0	27.2
580.0	530.0	1.5	0.0	28.2	590.0	560.0	1.5	0.0	27.7	600.0	590.0	1.5	0.0	27.2
580.0	540.0	1.5	0.0	28.1	590.0	570.0	1.5	0.0	27.6	600.0	600.0	1.5	0.0	27.1
580.0	550.0	1.5	0.0	28.1	590.0	580.0	1.5	0.0	27.5					
580.0	560.0	1.5	0.0	28.0	590.0	590.0	1.5	0.0	27.4					

Załącznik 3

Wyniki obliczeń propagacji hałasu – dzień

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows : Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

S p e c y f i k a c j a e l e m e n t ó w :

Lp.	Nr el.	Symbol	Opis:
	Źródła wszechkierunkowe		
1	1	H1	Pojazdy
2	2	H2	Pojazdy
3	3	H3	Pojazdy
4	4	H4	Pojazdy
5	5	H5	Pojazdy
6	6	H6	Pojazdy
7	7	H7	Pojazdy
8	8	H8	Pojazdy
9	9	H9	Pojazdy
10	10	H10	Pojazdy
11	11	H11	Pojazdy
12	12	H12	Pojazdy
13	13	H13	Pojazdy
14	14	H14	Pojazdy
15	15	H15	Pojazdy
16	16	H16	Pojazdy
17	17	H17	Pojazdy
18	18	H18	Pojazdy
19	19	H19	Pojazdy
20	20	H20	Pojazdy
21	21	H21	Pojazdy
22	22	H22	Pojazdy
23	23	H23	Pojazdy
24	24	H24	Pojazdy
25	25	H25	Pojazdy
26	26	H26	Pojazdy
27	27	H27	Pojazdy
28	28	H28	Pojazdy
29	29	H29	Pojazdy
30	30	H30	Pojazdy
31	31	H31	Pojazdy
32	32	H32	Pojazdy
33	33	H33	Pojazdy
34	34	H34	Pojazdy
35	35	H35	Pojazdy
36	36	H36	Pojazdy
37	37	H37	Pojazdy
38	38	H38	Pojazdy
	Źródła - budynki		
39	1	B1a	Budynek administracyjno - techniczny
40	2	B1b	Budynek administracyjno - techniczny
41	3	B1c	Budynek administracyjno - techniczny
42	4	B2	Magazyn części i punkt demontażu elektrosprzętu
	Punkty obserwacji		
43	1	k1	Punkt kontrolny
44	2	k1	Punkt kontrolny
45	3	k2	Punkt kontrolny
46	4	k2	Punkt kontrolny
47	5	k3	Punkt kontrolny
48	6	k3	Punkt kontrolny
49	7	k4	Punkt kontrolny
50	8	k4	Punkt kontrolny
51	9	k5	Punkt kontrolny
52	10	k5	Punkt kontrolny
53	11	k6	Punkt kontrolny
54	12	k6	Punkt kontrolny

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows : Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

Temperatura powietrza= 10℃ Wilgotność względna RH = 70%

ŹRÓDŁA WSZECHKIERUNKOWE, liczba = 38

Lp	Symbol	x[m]	y[m]	z[m]	L_{WA}[dB]	K_0
1	H1	367,0	279,0	1,5	71,8	3
2	H2	349,0	290,0	1,5	71,8	3
3	H3	330,0	286,0	1,5	71,8	3
4	H4	309,0	277,0	1,5	71,8	3
5	H5	289,0	268,0	1,5	71,8	3
6	H6	271,0	276,0	1,5	71,8	3
7	H7	279,0	279,0	1,5	71,8	3
8	H8	272,0	296,0	1,5	71,8	3
9	H9	265,0	265,0	1,5	71,8	3
10	H10	261,0	290,0	1,5	71,8	3
11	H11	253,0	288,0	1,5	71,8	3
12	H12	251,0	306,0	1,5	71,8	3
13	H13	262,0	324,0	1,5	71,8	3
14	H14	278,0	326,0	1,5	71,8	3
15	H15	297,0	315,0	1,5	71,8	3
16	H16	312,0	313,0	1,5	71,8	3
17	H17	331,0	301,0	1,5	71,8	3
18	H18	337,0	301,0	1,5	71,8	3
19	H19	320,0	312,0	1,5	71,8	3
20	H20	301,0	323,0	1,5	71,8	3
21	H21	283,0	334,0	1,5	71,8	3
22	H22	274,0	290,0	1,5	71,8	3
23	H23	288,0	343,0	1,5	71,8	3
24	H24	307,0	331,0	1,5	71,8	3
25	H25	325,0	320,0	1,5	71,8	3
26	H26	330,0	328,0	1,5	71,8	3
27	H27	313,0	339,0	1,5	71,8	3
28	H28	294,0	351,0	1,5	71,8	3
29	H29	286,0	360,0	1,5	71,8	3
30	H30	300,0	360,0	1,5	71,8	3
31	H31	319,0	349,0	1,5	71,8	3
32	H32	336,0	339,0	1,5	71,8	3
33	H33	323,0	358,0	1,5	71,8	3
34	H34	340,0	347,0	1,5	71,8	3
35	H35	343,0	327,0	1,5	71,8	3
36	H36	348,0	308,0	1,5	71,8	3
37	H37	343,0	305,0	1,5	71,8	3
38	H38	355,0	290,0	1,5	71,8	3

ŹRÓDŁA - BUDYNKI, liczba = 4

Lp	Symbol	x[m] A y[m]	x[m] B y[m]	x[m] C y[m]	x[m] D y[m]	h[m]	h_0[m]	h_w[m]
1	B1a	301,0;282,0	312,0;300,0	309,0;302,0	298,0;284,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
2	B1b	297,0;283,0	310,0;303,0	303,0;307,0	290,0;287,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
3	B1c	290,0;287,0	303,0;307,0	293,0;313,0	281,0;292,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
4	B2	352,0;325,0	352,0;342,0	347,0;342,0	347,0;325,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	25,0	25,0	25,0	25,0	25,0		

PUNKTY OBSERWACJI, liczba = 12

Lp	Symbol	x[m]	y[m]	z[m]	L_{eq}[dB]
1	k1	332,0	67,0	1,5	0,0
2	k1	332,0	67,0	4,0	0,0
3	k2	432,0	247,0	1,5	0,0
4	k2	432,0	247,0	4,0	0,0
5	k3	423,0	392,0	1,5	0,0

Lp	Symbol	x[m]	y[m]	z[m]	L_{sa}[dB]
6	k3	423,0	392,0	4,0	0,0
7	k4	341,0	459,0	1,5	0,0
8	k4	341,0	459,0	4,0	0,0
9	k5	314,0	466,0	1,5	0,0
10	k5	314,0	466,0	4,0	0,0
11	k6	305,0	482,0	1,5	0,0
12	k6	305,0	482,0	4,0	0,0

SIATKA PUNKTÓW OBSERWACJI

X_{min}[m]	X_{max}[m]	Y_{min}[m]	Y_{max}[m]	dx[m]	dy[m]	z[m]	L_{sa}[dB]
0,0	600,0	0,0	600,0	10,0	10,0	1,5	0,00

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows: Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

Temperatura powietrza = 10℃ Wilgotność względna RH = 70%

Równoważny poziom dźwięku A w zadanych punktach obserwacji

Lp.	Symbol	x [m]	y [m]	z [m]	L_A[dB]
1	k1	332,0	67,0	1,5	31,9
2	k1	332,0	67,0	4,0	31,9
3	k2	432,0	247,0	1,5	37,2
4	k2	432,0	247,0	4,0	37,2
5	k3	423,0	392,0	1,5	37,2
6	k3	423,0	392,0	4,0	37,2
7	k4	341,0	459,0	1,5	37,0
8	k4	341,0	459,0	4,0	37,0
9	k5	314,0	466,0	1,5	37,1
10	k5	314,0	466,0	4,0	37,0
11	k6	305,0	482,0	1,5	36,2
12	k6	305,0	482,0	4,0	36,2

x	y	z	L t⁰a	L A
0.0	0.0	1.5	0.0	25.9
0.0	10.0	1.5	0.0	26.0
0.0	20.0	1.5	0.0	26.1
0.0	30.0	1.5	0.0	26.3
0.0	40.0	1.5	0.0	26.5
0.0	50.0	1.5	0.0	26.7
0.0	60.0	1.5	0.0	26.7
0.0	70.0	1.5	0.0	26.9
0.0	80.0	1.5	0.0	27.0
0.0	90.0	1.5	0.0	27.3
0.0	100.0	1.5	0.0	27.3
0.0	110.0	1.5	0.0	27.6
0.0	120.0	1.5	0.0	27.6
0.0	130.0	1.5	0.0	27.6
0.0	140.0	1.5	0.0	27.8
0.0	150.0	1.5	0.0	28.0
0.0	160.0	1.5	0.0	28.2
0.0	170.0	1.5	0.0	28.5
0.0	180.0	1.5	0.0	28.7
0.0	190.0	1.5	0.0	28.9
0.0	200.0	1.5	0.0	29.1
0.0	210.0	1.5	0.0	29.1
0.0	220.0	1.5	0.0	29.2
0.0	230.0	1.5	0.0	29.3
0.0	240.0	1.5	0.0	29.3
0.0	250.0	1.5	0.0	29.5
0.0	260.0	1.5	0.0	29.4
0.0	270.0	1.5	0.0	29.6
0.0	280.0	1.5	0.0	29.7
0.0	290.0	1.5	0.0	29.6
0.0	292.0	1.5	0.0	29.6
0.0	295.0	1.5	0.0	29.7
0.0	300.0	1.5	0.0	29.7
0.0	310.0	1.5	0.0	29.7
0.0	320.0	1.5	0.0	29.8
0.0	330.0	1.5	0.0	29.9
0.0	333.5	1.5	0.0	29.9
0.0	340.0	1.5	0.0	29.8
0.0	350.0	1.5	0.0	29.9
0.0	360.0	1.5	0.0	29.9
0.0	370.0	1.5	0.0	29.9
0.0	380.0	1.5	0.0	29.8
0.0	390.0	1.5	0.0	29.7
0.0	400.0	1.5	0.0	29.8
0.0	410.0	1.5	0.0	29.8
0.0	420.0	1.5	0.0	29.6
0.0	430.0	1.5	0.0	29.5
0.0	440.0	1.5	0.0	29.3
0.0	450.0	1.5	0.0	29.3
0.0	460.0	1.5	0.0	29.2
0.0	470.0	1.5	0.0	29.0
0.0	480.0	1.5	0.0	28.9
0.0	490.0	1.5	0.0	28.8
0.0	500.0	1.5	0.0	28.8
0.0	510.0	1.5	0.0	28.6
0.0	520.0	1.5	0.0	28.5
0.0	530.0	1.5	0.0	28.4
0.0	540.0	1.5	0.0	28.2
0.0	550.0	1.5	0.0	28.0
0.0	560.0	1.5	0.0	27.9
0.0	570.0	1.5	0.0	27.8
0.0	580.0	1.5	0.0	27.7
0.0	590.0	1.5	0.0	27.5
0.0	600.0	1.5	0.0	27.3
10.0	0.0	1.5	0.0	25.9
10.0	10.0	1.5	0.0	26.1
10.0	20.0	1.5	0.0	26.3
10.0	30.0	1.5	0.0	26.5
10.0	40.0	1.5	0.0	26.7
10.0	50.0	1.5	0.0	26.8
10.0	60.0	1.5	0.0	26.9
10.0	70.0	1.5	0.0	27.0
10.0	80.0	1.5	0.0	27.3
10.0	90.0	1.5	0.0	27.4
10.0	100.0	1.5	0.0	27.6
10.0	110.0	1.5	0.0	27.7
10.0	120.0	1.5	0.0	28.0
10.0	130.0	1.5	0.0	28.0
10.0	140.0	1.5	0.0	28.0
10.0	150.0	1.5	0.0	28.2
10.0	160.0	1.5	0.0	28.4
10.0	170.0	1.5	0.0	28.6
10.0	180.0	1.5	0.0	28.9
10.0	190.0	1.5	0.0	29.2
10.0	200.0	1.5	0.0	29.3
10.0	210.0	1.5	0.0	29.4
10.0	220.0	1.5	0.0	29.5
10.0	230.0	1.5	0.0	29.6
10.0	240.0	1.5	0.0	29.7
10.0	250.0	1.5	0.0	29.7
10.0	260.0	1.5	0.0	29.8
10.0	270.0	1.5	0.0	29.9
10.0	280.0	1.5	0.0	30.0
10.0	290.0	1.5	0.0	29.9
10.0	292.0	1.5	0.0	29.9
10.0	295.0	1.5	0.0	30.0
10.0	300.0	1.5	0.0	30.0
10.0	310.0	1.5	0.0	30.0
10.0	320.0	1.5	0.0	30.1
10.0	330.0	1.5	0.0	30.2
10.0	333.5	1.5	0.0	30.2
10.0	340.0	1.5	0.0	30.2
10.0	350.0	1.5	0.0	30.2
10.0	360.0	1.5	0.0	30.2
10.0	370.0	1.5	0.0	30.2
10.0	380.0	1.5	0.0	30.1
10.0	390.0	1.5	0.0	30.0
10.0	400.0	1.5	0.0	30.1
10.0	410.0	1.5	0.0	30.0
10.0	420.0	1.5	0.0	29.9
10.0	430.0	1.5	0.0	29.8
10.0	440.0	1.5	0.0	29.5
10.0	450.0	1.5	0.0	29.5
10.0	460.0	1.5	0.0	29.4
10.0	470.0	1.5	0.0	29.2
10.0	480.0	1.5	0.0	29.2
10.0	490.0	1.5	0.0	29.1
10.0	500.0	1.5	0.0	29.0
10.0	510.0	1.5	0.0	28.9
10.0	520.0	1.5	0.0	28.8
10.0	530.0	1.5	0.0	28.6
10.0	540.0	1.5	0.0	28.4
10.0	550.0	1.5	0.0	28.3
10.0	560.0	1.5	0.0	28.2
10.0	570.0	1.5	0.0	28.0
10.0	580.0	1.5	0.0	27.9
10.0	590.0	1.5	0.0	27.6
10.0	600.0	1.5	0.0	27.4
20.0	0.0	1.5	0.0	26.2
20.0	10.0	1.5	0.0	26.3
20.0	20.0	1.5	0.0	26.5
20.0	30.0	1.5	0.0	26.7
20.0	40.0	1.5	0.0	26.8
20.0	50.0	1.5	0.0	27.1
20.0	60.0	1.5	0.0	27.2
20.0	70.0	1.5	0.0	27.2
20.0	80.0	1.5	0.0	27.4
20.0	90.0	1.5	0.0	27.7
20.0	100.0	1.5	0.0	27.9
20.0	110.0	1.5	0.0	27.8
20.0	120.0	1.5	0.0	28.1
20.0	130.0	1.5	0.0	28.3
20.0	140.0	1.5	0.0	28.4
20.0	150.0	1.5	0.0	28.5
20.0	160.0	1.5	0.0	28.6
20.0	170.0	1.5	0.0	28.9
20.0	180.0	1.5	0.0	29.1
20.0	190.0	1.5	0.0	29.4
20.0	200.0	1.5	0.0	29.6
20.0	210.0	1.5	0.0	29.6
20.0	220.0	1.5	0.0	29.8
20.0	230.0	1.5	0.0	29.8
20.0	240.0	1.5	0.0	30.0
20.0	250.0	1.5	0.0	30.0
20.0	260.0	1.5	0.0	30.2
20.0	270.0	1.5	0.0	30.2
20.0	280.0	1.5	0.0	30.4
20.0	290.0	1.5	0.0	30.3
20.0	292.0	1.5	0.0	30.3
20.0	295.0	1.5	0.0	30.3
20.0	300.0	1.5	0.0	30.3
20.0	310.0	1.5	0.0	30.4
20.0	320.0	1.5	0.0	30.4
20.0	330.0	1.5	0.0	30.5
20.0	333.5	1.5	0.0	30.5
20.0	340.0	1.5	0.0	30.5
20.0	350.0	1.5	0.0	30.6
20.0	360.0	1.5	0.0	30.6
20.0	370.0	1.5	0.0	30.5
20.0	380.0	1.5	0.0	30.4
20.0	390.0	1.5	0.0	30.4
20.0	400.0	1.5	0.0	30.5
20.0	410.0	1.5	0.0	30.3
20.0	420.0	1.5	0.0	30.2
20.0	430.0	1.5	0.0	30.1
20.0	440.0	1.5	0.0	29.9
20.0	450.0	1.5	0.0	29.8
20.0	460.0	1.5	0.0	29.7
20.0	470.0	1.5	0.0	29.5
20.0	480.0	1.5	0.0	29.5
20.0	490.0	1.5	0.0	29.4
20.0	500.0	1.5	0.0	29.2
20.0	510.0	1.5	0.0	29.1
20.0	520.0	1.5	0.0	28.9
20.0	530.0	1.5	0.0	28.8
20.0	540.0	1.5	0.0	28.7
20.0	550.0	1.5	0.0	28.5
20.0	560.0	1.5	0.0	28.3
20.0	570.0	1.5	0.0	28.2
20.0	580.0	1.5	0.0	27.9
20.0	590.0	1.5	0.0	27.8
20.0	600.0	1.5	0.0	27.6
30.0	0.0	1.5	0.0	26.4
30.0	10.0	1.5	0.0	26.6
30.0	20.0	1.5	0.0	26.7
30.0	30.0	1.5	0.0	26.8
30.0	40.0	1.5	0.0	27.0
30.0	50.0	1.5	0.0	27.1
30.0	60.0	1.5	0.0	27.4
30.0	70.0	1.5	0.0	27.6
30.0	80.0	1.5	0.0	27.6
30.0	90.0	1.5	0.0	27.8
30.0	100.0	1.5	0.0	28.0
30.0	110.0	1.5	0.0	28.2
30.0	120.0	1.5	0.0	28.3
30.0	130.0	1.5	0.0	28.6
30.0	140.0	1.5	0.0	28.6
30.0	150.0	1.5	0.0	28.7
30.0	160.0	1.5	0.0	28.9
30.0	170.0	1.5	0.0	29.0
30.0	180.0	1.5	0.0	29.3
30.0	190.0	1.5	0.0	29.5
30.0	200.0	1.5	0.0	29.8
30.0	210.0	1.5	0.0	30.0
30.0	220.0	1.5	0.0	30.1
30.0	230.0	1.5	0.0	30.2
30.0	240.0	1.5	0.0	30.3
30.0	250.0	1.5	0.0	30.3
30.0	260.0	1.5	0.0	30.5
30.0	270.0	1.5	0.0	30.5
30.0	280.0	1.5	0.0	30.7
30.0	290.0	1.5	0.0	30.6
30.0	292.0	1.5	0.0	30.6
30.0	295.0	1.5	0.0	30.7
30.0	300.0	1.5	0.0	30.7
30.0	310.0	1.5	0.0	30.7
30.0	320.0	1.5	0.0	30.8
30.0	330.0	1.5	0.0	30.9
30.0	333.5	1.5	0.0	30.9
30.0	340.0	1.5	0.0	30.9
30.0	350.0	1.5	0.0	30.9
30.0	360.0	1.5	0.0	30.9
30.0	370.0	1.5	0.0	30.8
30.0	380.0	1.5	0.0	30.7
30.0	390.0	1.5	0.0	30.8
30.0	400.0	1.5	0.0	30.8
30.0	410.0	1.5	0.0	30.6
30.0	420.0	1.5	0.0	30.4
30.0	430.0	1.5	0.0	30.2
30.0	440.0	1.5	0.0	30.2
30.0	450.0	1.5	0.0	30.1
30.0	460.0	1.5	0.0	29.9
30.0	470.0	1.5	0.0	29.8
30.0	480.0	1.5	0.0	29.8
30.0	490.0	1.5	0.0	29.6
30.0	500.0	1.5	0.0	29.5
30.0	510.0	1.5	0.0	29.4
30.0	520.0	1.5	0.0	29.2
30.0	530.0	1.5	0.0	29.0
30.0	540.0	1.5	0.0	28.8
30.0	550.0	1.5	0.0	28.7
30.0	560.0	1.5	0.0	28.5
30.0	570.0	1.5	0.0	28.2
30.0	580.0	1.5	0.0	28.1
30.0	590.0	1.5	0.0	28.0
30.0	600.0	1.5	0.0	27.9
40.0	0.0	1.5	0.0	26.7
40.0	10.0	1.5	0.0	26.8
40.0	20.0	1.5	0.0	26.9
40.0	30.0	1.5	0.0	27.0
40.0	40.0	1.5	0.0	27.1
40.0	50.0	1.5	0.0	27.4
40.0	60.0	1.5	0.0	27.5
40.0	70.0	1.5	0.0	27.8
40.0	80.0	1.5	0.0	27.9
40.0	90.0	1.5	0.0	28.0
40.0	100.0	1.5	0.0	28.2
40.0	110.0	1.5	0.0	28.3
40.0	120.0	1.5	0.0	28.6
40.0	130.0	1.5	0.0	28.8
40.0	140.0	1.5	0.0	28.9
40.0	150.0	1.5	0.0	29.0
40.0	160.0	1.5	0.0	29.1
40.0	170.0	1.5	0.0	29.3
40.0	180.0	1.5	0.0	29.6
40.0	190.0	1.5	0.0	29.8
40.0	200.0	1.5	0.0	30.1
40.0	210.0	1.5	0.0	30.3
40.0	220.0	1.5	0.0	30.4
40.0	230.0	1.5	0.0	30.5
40.0	240.0	1.5	0.0	30.6
40.0	250.0	1.5	0.0	30.7
40.0	260.0	1.5	0.0	30.8
40.0	270.0	1.5	0.0	30.8
40.0	280.0	1.5	0.0	31.0
40.0	290.0	1.5	0.0	31.0
40.0	292.0	1.5	0.0	30.9
40.0	295.0	1.5	0.0	31.0
40.0	300.0	1.5	0.0	31.0
40.0	310.0	1.5	0.0	31.0
40.0	320.0	1.5	0.0	31.1
40.0	330.0	1.5	0.0	31.2
40.0	333.5	1.5	0.0	31.2
40.0	340.0	1.5	0.0	31.2
40.0	350.0	1.5	0.0	31.3
40.0	360.0	1.5	0.0	31.3
40.0	370.0	1.5	0.0	31.1
40.0	380.0	1.5	0.0	31.1
40.0	390.0	1.5	0.0	31.1
40.0	400.0	1.5	0.0	31.0
40.0	410.0	1.5	0.0	30.9
40.0	420.0	1.5	0.0	30.8
40.0	430.0	1.5	0.0	30.5
40.0	440.0	1.5	0.0	30.5
40.0	450.0	1.5	0.0	30.3
40.0	460.0	1.5	0.0	30.2
40.0	470.0	1.5	0.0	30.1
40.0	480.0	1.5	0.0	30.0
40.0	490.0	1.5	0.0	29.9
40.0	500.0	1.5	0.0	29.8
40.0	510.0	1.5	0.0	29.5
40.0	520.0	1.5	0.0	29.3
40.0	530.0	1.5	0.0	29.2
40.0	540.0	1.5	0.0	29.1
40.0	550.0	1.5	0.0	28.9
40.0	560.0	1.5	0.0	28.6
40.0	570.0	1.5	0.0	28.5
40.0	580.0	1.5	0.0	28.3
40.0	590.0	1.5	0.0	28.2
40.0	600.0	1.5	0.0	28.0
50.0	0.0	1.5	0.0	26.8
50.0	10.0	1.5	0.0	27.0
50.0	20.0	1.5	0.0	27.1
50.0	30.0	1.5	0.0	27.2
50.0	40.0	1.5	0.0	27.4
50.0	50.0	1.5	0.0	27.5
50.0	60.0	1.5	0.0	27.7
50.0	70.0	1.5	0.0	27.9
50.0	80.0	1.5	0.0	28.2
50.0	90.0	1.5	0.0	28.3
50.0	100.0	1.5	0.0	28.4
50.0	110.0	1.5	0.0	28.7
50.0	120.0	1.5	0.0	28.9
50.0	130.0	1.5	0.0	28.8
50.0	140.0	1.5	0.0	29.2
50.0	150.0	1.5	0.0	29.3
50.0	160.0	1.5	0.0	29.5
50.0	170.0	1.5	0.0	29.6
50.0	180.0	1.5	0.0	29.8
50.0	190.0	1.5	0.0	30.0
50.0	200.0	1.5	0.0	30.3
50.0	210.0	1.5	0.0	30.6
50.0	220.0	1.5	0.0	30.7
50.0	230.0	1.5	0.0	30.9
50.0	240.0	1.5	0.0	30.9
50.0	250.0	1.5	0.0	31.0
50.0	260.0	1.5	0.0	31.2
50.0	270.0	1.5	0.0	31.2
50.0	280.0	1.5	0.0	31.3
50.0	290.0	1.5	0.0	31.4
50.0	292.0	1.5	0.0	31.3
50.0	295.0	1.5	0.0	31.4
50.0	300.0	1.5	0.0	31.4
50.0	310.0	1.5	0.0	31.4
50.0	320.0	1.5	0.0	31.5
50.0	330.0	1.5	0.0	31.6
50.0	333.5	1.5	0.0	31.6
50.0	340.0	1.5	0.0	31.6
50.0	350.0	1.5	0.0	31.6
50.0	360.0	1.5	0.0	31.6
50.0	370.0	1.5	0.0	31.5
50.0	380.0	1.5	0.0	31.4
50.0	390.0	1.5	0.0	31.5
50.0	400.0	1.5	0.0	31.4
50.0	410.0	1.5	0.0	31.2
50.0	420.0	1.5	0.0	31.1
50.0	430.0	1.5	0.0	30.9
50.0	440.0	1.5	0.0	30.8
50.0	450.0	1.5	0.0	30.6
50.0	460.0	1.5	0.0	30.6
50.0	470.0	1.5	0.0	30.4
50.0	480.0	1.5	0.0	30.3
50.0	490.0	1.5	0.0	30.2
50.0	500.0	1.5	0.0	30.0
50.0	510.0	1.5	0.0	29.7
50.0	520.0	1.5	0.0	29.6
50.0	530.0	1.5	0.0	29.5

50.0	540.0	1.5	0.0	29.3	70.0	540.0	1.5	0.0	29.6	90.0	540.0	1.5	0.0	30.2
50.0	550.0	1.5	0.0	29.0	70.0	550.0	1.5	0.0	29.5	90.0	550.0	1.5	0.0	30.0
50.0	560.0	1.5	0.0	28.9	70.0	560.0	1.5	0.0	29.3	90.0	560.0	1.5	0.0	29.6
50.0	570.0	1.5	0.0	28.7	70.0	570.0	1.5	0.0	29.2	90.0	570.0	1.5	0.0	29.4
50.0	580.0	1.5	0.0	28.6	70.0	580.0	1.5	0.0	28.9	90.0	580.0	1.5	0.0	29.2
50.0	590.0	1.5	0.0	28.3	70.0	590.0	1.5	0.0	28.7	90.0	590.0	1.5	0.0	29.0
50.0	600.0	1.5	0.0	28.1	70.0	600.0	1.5	0.0	28.5	90.0	600.0	1.5	0.0	28.8
60.0	0.0	1.5	0.0	26.9	80.0	0.0	1.5	0.0	27.4	100.0	0.0	1.5	0.0	27.6
60.0	10.0	1.5	0.0	27.1	80.0	10.0	1.5	0.0	27.4	100.0	10.0	1.5	0.0	27.8
60.0	20.0	1.5	0.0	27.3	80.0	20.0	1.5	0.0	27.6	100.0	20.0	1.5	0.0	28.0
60.0	30.0	1.5	0.0	27.5	80.0	30.0	1.5	0.0	27.8	100.0	30.0	1.5	0.0	28.3
60.0	40.0	1.5	0.0	27.6	80.0	40.0	1.5	0.0	28.1	100.0	40.0	1.5	0.0	28.3
60.0	50.0	1.5	0.0	27.7	80.0	50.0	1.5	0.0	28.2	100.0	50.0	1.5	0.0	28.6
60.0	60.0	1.5	0.0	27.9	80.0	60.0	1.5	0.0	28.4	100.0	60.0	1.5	0.0	28.8
60.0	70.0	1.5	0.0	28.1	80.0	70.0	1.5	0.0	28.5	100.0	70.0	1.5	0.0	29.0
60.0	80.0	1.5	0.0	28.3	80.0	80.0	1.5	0.0	28.7	100.0	80.0	1.5	0.0	29.2
60.0	90.0	1.5	0.0	28.6	80.0	90.0	1.5	0.0	28.9	100.0	90.0	1.5	0.0	29.4
60.0	100.0	1.5	0.0	28.7	80.0	100.0	1.5	0.0	29.1	100.0	100.0	1.5	0.0	29.6
60.0	110.0	1.5	0.0	28.8	80.0	110.0	1.5	0.0	29.4	100.0	110.0	1.5	0.0	29.8
60.0	120.0	1.5	0.0	29.1	80.0	120.0	1.5	0.0	29.5	100.0	120.0	1.5	0.0	30.1
60.0	130.0	1.5	0.0	29.2	80.0	130.0	1.5	0.0	29.7	100.0	130.0	1.5	0.0	30.4
60.0	140.0	1.5	0.0	29.4	80.0	140.0	1.5	0.0	30.0	100.0	140.0	1.5	0.0	30.5
60.0	150.0	1.5	0.0	29.7	80.0	150.0	1.5	0.0	30.1	100.0	150.0	1.5	0.0	30.8
60.0	160.0	1.5	0.0	29.7	80.0	160.0	1.5	0.0	30.3	100.0	160.0	1.5	0.0	31.0
60.0	170.0	1.5	0.0	29.8	80.0	170.0	1.5	0.0	30.5	100.0	170.0	1.5	0.0	31.2
60.0	180.0	1.5	0.0	30.0	80.0	180.0	1.5	0.0	30.6	100.0	180.0	1.5	0.0	31.4
60.0	190.0	1.5	0.0	30.3	80.0	190.0	1.5	0.0	30.9	100.0	190.0	1.5	0.0	31.6
60.0	200.0	1.5	0.0	30.6	80.0	200.0	1.5	0.0	31.2	100.0	200.0	1.5	0.0	31.7
60.0	210.0	1.5	0.0	30.9	80.0	210.0	1.5	0.0	31.5	100.0	210.0	1.5	0.0	32.1
60.0	220.0	1.5	0.0	31.1	80.0	220.0	1.5	0.0	31.8	100.0	220.0	1.5	0.0	32.4
60.0	230.0	1.5	0.0	31.2	80.0	230.0	1.5	0.0	32.0	100.0	230.0	1.5	0.0	32.7
60.0	240.0	1.5	0.0	31.2	80.0	240.0	1.5	0.0	32.0	100.0	240.0	1.5	0.0	32.8
60.0	250.0	1.5	0.0	31.4	80.0	250.0	1.5	0.0	32.1	100.0	250.0	1.5	0.0	32.8
60.0	260.0	1.5	0.0	31.5	80.0	260.0	1.5	0.0	32.2	100.0	260.0	1.5	0.0	33.0
60.0	270.0	1.5	0.0	31.6	80.0	270.0	1.5	0.0	32.4	100.0	270.0	1.5	0.0	33.2
60.0	280.0	1.5	0.0	31.7	80.0	280.0	1.5	0.0	32.5	100.0	280.0	1.5	0.0	33.3
60.0	290.0	1.5	0.0	31.8	80.0	290.0	1.5	0.0	32.6	100.0	290.0	1.5	0.0	33.4
60.0	292.0	1.5	0.0	31.8	80.0	292.0	1.5	0.0	32.6	100.0	292.0	1.5	0.0	33.4
60.0	295.0	1.5	0.0	31.7	80.0	295.0	1.5	0.0	32.6	100.0	295.0	1.5	0.0	33.5
60.0	300.0	1.5	0.0	31.8	80.0	300.0	1.5	0.0	32.6	100.0	300.0	1.5	0.0	33.5
60.0	310.0	1.5	0.0	31.8	80.0	310.0	1.5	0.0	32.6	100.0	310.0	1.5	0.0	33.4
60.0	320.0	1.5	0.0	31.9	80.0	320.0	1.5	0.0	32.6	100.0	320.0	1.5	0.0	33.5
60.0	330.0	1.5	0.0	32.0	80.0	330.0	1.5	0.0	32.7	100.0	330.0	1.5	0.0	33.6
60.0	333.5	1.5	0.0	31.9	80.0	333.5	1.5	0.0	32.8	100.0	333.5	1.5	0.0	33.6
60.0	340.0	1.5	0.0	32.0	80.0	340.0	1.5	0.0	32.7	100.0	340.0	1.5	0.0	33.6
60.0	350.0	1.5	0.0	32.0	80.0	350.0	1.5	0.0	32.8	100.0	350.0	1.5	0.0	33.6
60.0	360.0	1.5	0.0	32.0	80.0	360.0	1.5	0.0	32.7	100.0	360.0	1.5	0.0	33.5
60.0	370.0	1.5	0.0	31.8	80.0	370.0	1.5	0.0	32.6	100.0	370.0	1.5	0.0	33.4
60.0	380.0	1.5	0.0	31.8	80.0	380.0	1.5	0.0	32.6	100.0	380.0	1.5	0.0	33.3
60.0	390.0	1.5	0.0	31.8	80.0	390.0	1.5	0.0	32.5	100.0	390.0	1.5	0.0	33.2
60.0	400.0	1.5	0.0	31.7	80.0	400.0	1.5	0.0	32.3	100.0	400.0	1.5	0.0	33.0
60.0	410.0	1.5	0.0	31.5	80.0	410.0	1.5	0.0	32.2	100.0	410.0	1.5	0.0	32.8
60.0	420.0	1.5	0.0	31.4	80.0	420.0	1.5	0.0	32.0	100.0	420.0	1.5	0.0	32.7
60.0	430.0	1.5	0.0	31.2	80.0	430.0	1.5	0.0	31.9	100.0	430.0	1.5	0.0	32.7
60.0	440.0	1.5	0.0	31.0	80.0	440.0	1.5	0.0	31.8	100.0	440.0	1.5	0.0	32.4
60.0	450.0	1.5	0.0	31.0	80.0	450.0	1.5	0.0	31.6	100.0	450.0	1.5	0.0	32.2
60.0	460.0	1.5	0.0	30.9	80.0	460.0	1.5	0.0	31.5	100.0	460.0	1.5	0.0	32.1
60.0	470.0	1.5	0.0	30.7	80.0	470.0	1.5	0.0	31.3	100.0	470.0	1.5	0.0	31.8
60.0	480.0	1.5	0.0	30.5	80.0	480.0	1.5	0.0	31.1	100.0	480.0	1.5	0.0	31.6
60.0	490.0	1.5	0.0	30.4	80.0	490.0	1.5	0.0	31.0	100.0	490.0	1.5	0.0	31.4
60.0	500.0	1.5	0.0	30.1	80.0	500.0	1.5	0.0	30.7	100.0	500.0	1.5	0.0	31.2
60.0	510.0	1.5	0.0	30.0	80.0	510.0	1.5	0.0	30.5	100.0	510.0	1.5	0.0	30.9
60.0	520.0	1.5	0.0	29.9	80.0	520.0	1.5	0.0	30.3	100.0	520.0	1.5	0.0	30.8
60.0	530.0	1.5	0.0	29.7	80.0	530.0	1.5	0.0	30.1	100.0	530.0	1.5	0.0	30.6
60.0	540.0	1.5	0.0	29.4	80.0	540.0	1.5	0.0	29.9	100.0	540.0	1.5	0.0	30.4
60.0	550.0	1.5	0.0	29.2	80.0	550.0	1.5	0.0	29.8	100.0	550.0	1.5	0.0	30.1
60.0	560.0	1.5	0.0	29.1	80.0	560.0	1.5	0.0	29.6	100.0	560.0	1.5	0.0	29.8
60.0	570.0	1.5	0.0	28.9	80.0	570.0	1.5	0.0	29.3	100.0	570.0	1.5	0.0	29.7
60.0	580.0	1.5	0.0	28.7	80.0	580.0	1.5	0.0	29.0	100.0	580.0	1.5	0.0	29.4
60.0	590.0	1.5	0.0	28.5	80.0	590.0	1.5	0.0	28.9	100.0	590.0	1.5	0.0	29.2
60.0	600.0	1.5	0.0	28.3	80.0	600.0	1.5	0.0	28.7	100.0	600.0	1.5	0.0	28.9
70.0	0.0	1.5	0.0	27.0	90.0	0.0	1.5	0.0	27.5	110.0	0.0	1.5	0.0	27.7
70.0	10.0	1.5	0.0	27.2	90.0	10.0	1.5	0.0	27.7	110.0	10.0	1.5	0.0	27.9
70.0	20.0	1.5	0.0	27.4	90.0	20.0	1.5	0.0	27.8	110.0	20.0	1.5	0.0	28.1
70.0	30.0	1.5	0.0	27.7	90.0	30.0	1.5	0.0	27.9	110.0	30.0	1.5	0.0	28.4
70.0	40.0	1.5	0.0	27.8	90.0	40.0	1.5	0.0	28.2	110.0	40.0	1.5	0.0	28.7
70.0	50.0	1.5	0.0	28.0	90.0	50.0	1.5	0.0	28.4	110.0	50.0	1.5	0.0	28.7
70.0	60.0	1.5	0.0	28.1	90.0	60.0	1.5	0.0	28.6	110.0	60.0	1.5	0.0	29.0
70.0	70.0	1.5	0.0	28.3	90.0	70.0	1.5	0.0	28.8	110.0	70.0	1.5	0.0	29.2
70.0	80.0	1.5	0.0	28.5	90.0	80.0	1.5	0.0	28.9	110.0	80.0	1.5	0.0	29.4
70.0	90.0	1.5	0.0	28.7	90.0	90.0	1.5	0.0	29.1	110.0	90.0	1.5	0.0	29.7
70.0	100.0	1.5	0.0	29.0	90.0	100.0	1.5	0.0	29.4	110.0	100.0	1.5	0.0	29.9
70.0	110.0	1.5	0.0	29.2	90.0	110.0	1.5	0.0	29.6	110.0	110.0	1.5	0.0	30.0
70.0	120.0	1.5	0.0	29.2	90.0	120.0	1.5	0.0	29.9	110.0	120.0	1.5	0.0	30.3
70.0	130.0	1.5	0.0	29.5	90.0	130.0	1.5	0.0	30.0	110.0	130.0	1.5	0.0	30.6
70.0	140.0	1.5	0.0	29.7	90.0	140.0	1.5	0.0	30.2	110.0	140.0	1.5	0.0	30.9
70.0	150.0	1.5	0.0	29.9	90.0	150.0	1.5	0.0	30.5	110.0	150.0	1.5	0.0	31.0
70.0	160.0	1.5	0.0	30.1	90.0	160.0	1.5	0.0	30.7	110.0	160.0	1.5	0.0	31.3
70.0	170.0	1.5	0.0	30.2	90.0	170.0	1.5	0.0	30.9	110.0	170.0	1.5	0.0	31.4
70.0	180.0	1.5	0.0	30.4	90.0	180.0	1.5	0.0	31.0	110.0	180.0	1.5	0.0	31.7
70.0	190.0	1.5	0.0	30.5	90.0	190.0	1.5	0.0	31.2	110.0	190.0	1.5	0.0	31.9
70.0	200.0	1.5	0.0	30.9	90.0	200.0	1.5	0.0	31.4	110.0	200.0	1.5	0.0	32.1
70.0	210.0	1.5	0.0	31.2	90.0	210.0	1.5	0.0	31.7	110.0	210.0	1.5	0.0	32.3
70.0	220.0	1.5	0.0	31.4	90.0	220.0	1.5	0.0	32.1	110.0	220.0	1.5	0.0	32.7
70.0	230.0	1.5	0.0	31.6	90.0	230.0	1.5	0.0	32.3	110.0	230.0	1.5	0.0	33.0
70.0	240.0	1.5	0.0	31.7	90.0	240.0	1.5	0.0	32.4	110.0	240.0	1.5	0.0	33.3
70.0	250.0	1.5	0.0	31.7	90.0	250.0	1.5	0.0	32.4	110.0	250.0	1.5	0.0	33.5
70.0	260.0	1.5	0.0	31.9	90.0	260.0	1.5	0.0	32.6	110.0	260.0	1.5	0.0	33.4
70.0	270.0	1.5	0.0	32.0	90.0	270.0	1.5	0.0	32.8	110.0	270.0	1.5	0.0	33.6
70.0	280.0	1.5	0.0	32.1	90.0	280.0	1.5	0.0	32.9	110.0	280.0	1.5	0.0	33.8
70.0	290.0	1.5	0.0	32.2	90.0	290.0	1.5	0.0	33.0	110.0	290.0	1.5	0.0	33.9
70.0	292.0	1.5	0.0	32.2	90.0	292.0	1.5	0.0	33.0	110.0	292.0	1.5	0.0	33.9
70.0	295.0	1.5	0.0	32.1	90.0	295.0	1.5	0.0	33.1	110.0	295.0	1.5	0.0	34.0
70.0	300.0	1.5	0.0	32.1	90.0	300.0	1.5	0.0	33.0	110.0	300.0	1.5	0.0	33.9
70.0	310.0	1.5	0.0	32.2	90.0	310.0	1.5	0.0	33.0	110.0	310.0	1.5	0.0	33.9
70.0	320.0	1.5	0.0	32.2	90.0	320.0	1.5	0.0	33.1	110.0	320.0	1.5	0.0	34.0
70.0	330.0	1.5	0.0	32.3	90.0	330.0	1.5	0.0	33.1	110.0	330.0	1.5	0.0	34.1
70.0	333.5	1.5	0.0	32.4	90.0	333.5	1.5	0.0	33.2	110.0	333.5	1.5	0.0	34.1
70.0	340.0	1.5	0.0	32.4	90.0	340.0	1.5	0.0	33.2	110.0	340.0	1.5	0.0	34.0
70.0	350.0	1.5	0.0	32.4	90.0	350.0	1.5	0.0	33.2	110.0	350.0	1.5	0.0	34.1
70.0	360.0	1.5	0.0	32.3	90.0	360.0	1.5	0.0	33.1	110.0	360.0	1.5	0.0	34.0
70.0	370.0	1.5	0.0	32.2	90.0	370.0	1.5	0.0	33.0	110.0	370.0	1.5	0.0	33.9
70.0	380.0	1.5	0.0	32.2	90.0	380.0	1.5	0.0	33.0	110.0	380.0	1.5	0.0	33.8
70.0	390.0	1.5	0.0	32.1	90.0	390.0	1.5	0.0	32.9	110.0	390.0	1.5	0.0	33.7
70.0	400.0	1.5	0.0	32.0	90.0	400.0	1.5	0.0	32.7	110.0	400.0	1.5	0.0	33.4
70.0	410.0	1.5	0.0	31.8	90.0	410.0	1.5	0.0	32.5	110.0	410.0	1.5	0.0	33.3
70.0	420.0	1.5	0.0	31.7	90.0	420.0	1.5	0.0	32.3	110.0	420.0	1.5	0.0	33.2
70.0	430.0	1.5	0.0	31.5	90.0	430.0	1.5	0.0	32.3	110.0	430.0	1.5	0.0	33.0
70.0	440.0	1.5	0.0	31.4	90.0	440.0	1.5	0.0	32.1	110.0	440.0	1.5	0.0	32.8
70.0	450.0	1.5	0.0	31.3	90.0	450.0	1.5	0.0	31.9	110.0	450.0	1.5	0.0	32.6
70.0	460.0	1.5	0.0	31.2	90.0	460.0	1.5	0.0	31.7	110.0	460.0	1.5	0.0	32.3
70.0	470.0	1.5	0.0	31.0	90.0	470.0	1.5	0.0	31.6	110.0	470.0	1.5	0.0	32.1
70.0	480.0	1.5	0.0	30.9	90.0	480.0	1.5	0.0	31.3	110.0	480.0	1.5	0.0	31.9
70.0	490.0	1.5	0.0	30.7	90.0	490.0	1.5	0.0	31.1	110.0	490.0	1.5	0.0	31.7
70.0	500.0	1.5	0.0	30.4	90.0	500.0	1.5	0.0	31.0	110.0	500.0	1.5	0.0	31.4
70.0	510.0	1.5	0.0	30.3	90.0	510.0	1.5	0.0	30.8	110.0	510.0	1.5	0.0	31.3
70.0	520.0	1.5	0.0	30.1	90.0	520.0	1.5	0.0	30.5	110.0	520.0	1.5	0.0	31.1
70.0	530.0	1.5	0.0	29.8	90.0	530.0	1.5	0.0	30.3	110.0	530.0	1.5	0.0	30.8

110.0	540.0	1.5	0.0	30.5	130.0	540.0	1.5	0.0	30.9	150.0	540.0	1.5	0.0	31.3
110.0	550.0	1.5	0.0	30.3	130.0	550.0	1.5	0.0	30.7	150.0	550.0	1.5	0.0	31.0
110.0	560.0	1.5	0.0	30.1	130.0	560.0	1.5	0.0	30.3	150.0	560.0	1.5	0.0	30.8
110.0	570.0	1.5	0.0	29.9	130.0	570.0	1.5	0.0	30.1	150.0	570.0	1.5	0.0	30.3
110.0	580.0	1.5	0.0	29.5	130.0	580.0	1.5	0.0	29.9	150.0	580.0	1.5	0.0	30.2
110.0	590.0	1.5	0.0	29.2	130.0	590.0	1.5	0.0	29.5	150.0	590.0	1.5	0.0	30.1
110.0	600.0	1.5	0.0	29.0	130.0	600.0	1.5	0.0	29.3	150.0	600.0	1.5	0.0	29.8
120.0	0.0	1.5	0.0	27.6	140.0	0.0	1.5	0.0	28.4	160.0	0.0	1.5	0.0	28.4
120.0	10.0	1.5	0.0	27.9	140.0	10.0	1.5	0.0	28.6	160.0	10.0	1.5	0.0	28.8
120.0	20.0	1.5	0.0	28.3	140.0	20.0	1.5	0.0	28.6	160.0	20.0	1.5	0.0	29.1
120.0	30.0	1.5	0.0	28.5	140.0	30.0	1.5	0.0	28.6	160.0	30.0	1.5	0.0	29.4
120.0	40.0	1.5	0.0	28.8	140.0	40.0	1.5	0.0	28.9	160.0	40.0	1.5	0.0	29.9
120.0	50.0	1.5	0.0	29.0	140.0	50.0	1.5	0.0	29.3	160.0	50.0	1.5	0.0	29.8
120.0	60.0	1.5	0.0	29.2	140.0	60.0	1.5	0.0	29.6	160.0	60.0	1.5	0.0	29.8
120.0	70.0	1.5	0.0	29.3	140.0	70.0	1.5	0.0	29.9	160.0	70.0	1.5	0.0	30.1
120.0	80.0	1.5	0.0	29.7	140.0	80.0	1.5	0.0	30.2	160.0	80.0	1.5	0.0	30.5
120.0	90.0	1.5	0.0	29.8	140.0	90.0	1.5	0.0	30.3	160.0	90.0	1.5	0.0	30.9
120.0	100.0	1.5	0.0	30.2	140.0	100.0	1.5	0.0	30.6	160.0	100.0	1.5	0.0	31.2
120.0	110.0	1.5	0.0	30.4	140.0	110.0	1.5	0.0	30.8	160.0	110.0	1.5	0.0	31.4
120.0	120.0	1.5	0.0	30.6	140.0	120.0	1.5	0.0	31.1	160.0	120.0	1.5	0.0	31.7
120.0	130.0	1.5	0.0	30.9	140.0	130.0	1.5	0.0	31.4	160.0	130.0	1.5	0.0	32.0
120.0	140.0	1.5	0.0	31.1	140.0	140.0	1.5	0.0	31.6	160.0	140.0	1.5	0.0	32.2
120.0	150.0	1.5	0.0	31.4	140.0	150.0	1.5	0.0	32.0	160.0	150.0	1.5	0.0	32.6
120.0	160.0	1.5	0.0	31.6	140.0	160.0	1.5	0.0	32.3	160.0	160.0	1.5	0.0	32.8
120.0	170.0	1.5	0.0	32.0	140.0	170.0	1.5	0.0	32.6	160.0	170.0	1.5	0.0	33.3
120.0	180.0	1.5	0.0	32.0	140.0	180.0	1.5	0.0	32.7	160.0	180.0	1.5	0.0	33.6
120.0	190.0	1.5	0.0	32.3	140.0	190.0	1.5	0.0	33.0	160.0	190.0	1.5	0.0	33.8
120.0	200.0	1.5	0.0	32.5	140.0	200.0	1.5	0.0	33.3	160.0	200.0	1.5	0.0	34.3
120.0	210.0	1.5	0.0	32.7	140.0	210.0	1.5	0.0	33.6	160.0	210.0	1.5	0.0	34.4
120.0	220.0	1.5	0.0	33.1	140.0	220.0	1.5	0.0	33.8	160.0	220.0	1.5	0.0	34.8
120.0	230.0	1.5	0.0	33.4	140.0	230.0	1.5	0.0	34.2	160.0	230.0	1.5	0.0	35.0
120.0	240.0	1.5	0.0	33.7	140.0	240.0	1.5	0.0	34.5	160.0	240.0	1.5	0.0	35.5
120.0	250.0	1.5	0.0	33.9	140.0	250.0	1.5	0.0	34.9	160.0	250.0	1.5	0.0	35.8
120.0	260.0	1.5	0.0	33.8	140.0	260.0	1.5	0.0	34.8	160.0	260.0	1.5	0.0	36.2
120.0	270.0	1.5	0.0	34.1	140.0	270.0	1.5	0.0	35.0	160.0	270.0	1.5	0.0	36.2
120.0	280.0	1.5	0.0	34.2	140.0	280.0	1.5	0.0	35.3	160.0	280.0	1.5	0.0	36.4
120.0	290.0	1.5	0.0	34.3	140.0	290.0	1.5	0.0	35.4	160.0	290.0	1.5	0.0	36.6
120.0	292.0	1.5	0.0	34.3	140.0	292.0	1.5	0.0	35.4	160.0	292.0	1.5	0.0	36.7
120.0	295.0	1.5	0.0	34.5	140.0	295.0	1.5	0.0	35.5	160.0	295.0	1.5	0.0	36.8
120.0	300.0	1.5	0.0	34.4	140.0	300.0	1.5	0.0	35.5	160.0	300.0	1.5	0.0	36.8
120.0	310.0	1.5	0.0	34.4	140.0	310.0	1.5	0.0	35.5	160.0	310.0	1.5	0.0	36.8
120.0	320.0	1.5	0.0	34.5	140.0	320.0	1.5	0.0	35.6	160.0	320.0	1.5	0.0	36.8
120.0	330.0	1.5	0.0	34.6	140.0	330.0	1.5	0.0	35.6	160.0	330.0	1.5	0.0	36.8
120.0	333.5	1.5	0.0	34.6	140.0	333.5	1.5	0.0	35.6	160.0	333.5	1.5	0.0	36.8
120.0	340.0	1.5	0.0	34.5	140.0	340.0	1.5	0.0	35.6	160.0	340.0	1.5	0.0	36.8
120.0	350.0	1.5	0.0	34.5	140.0	350.0	1.5	0.0	35.5	160.0	350.0	1.5	0.0	36.7
120.0	360.0	1.5	0.0	34.4	140.0	360.0	1.5	0.0	35.5	160.0	360.0	1.5	0.0	36.4
120.0	370.0	1.5	0.0	34.4	140.0	370.0	1.5	0.0	35.2	160.0	370.0	1.5	0.0	36.3
120.0	380.0	1.5	0.0	34.2	140.0	380.0	1.5	0.0	35.1	160.0	380.0	1.5	0.0	36.3
120.0	390.0	1.5	0.0	34.1	140.0	390.0	1.5	0.0	35.0	160.0	390.0	1.5	0.0	36.0
120.0	400.0	1.5	0.0	33.8	140.0	400.0	1.5	0.0	34.8	160.0	400.0	1.5	0.0	35.7
120.0	410.0	1.5	0.0	33.7	140.0	410.0	1.5	0.0	34.6	160.0	410.0	1.5	0.0	35.4
120.0	420.0	1.5	0.0	33.6	140.0	420.0	1.5	0.0	34.3	160.0	420.0	1.5	0.0	35.1
120.0	430.0	1.5	0.0	33.3	140.0	430.0	1.5	0.0	34.1	160.0	430.0	1.5	0.0	34.8
120.0	440.0	1.5	0.0	33.2	140.0	440.0	1.5	0.0	33.9	160.0	440.0	1.5	0.0	34.6
120.0	450.0	1.5	0.0	32.9	140.0	450.0	1.5	0.0	33.7	160.0	450.0	1.5	0.0	34.2
120.0	460.0	1.5	0.0	32.7	140.0	460.0	1.5	0.0	33.3	160.0	460.0	1.5	0.0	34.0
120.0	470.0	1.5	0.0	32.4	140.0	470.0	1.5	0.0	33.0	160.0	470.0	1.5	0.0	33.7
120.0	480.0	1.5	0.0	32.2	140.0	480.0	1.5	0.0	32.8	160.0	480.0	1.5	0.0	33.4
120.0	490.0	1.5	0.0	31.9	140.0	490.0	1.5	0.0	32.6	160.0	490.0	1.5	0.0	33.1
120.0	500.0	1.5	0.0	31.7	140.0	500.0	1.5	0.0	32.4	160.0	500.0	1.5	0.0	32.7
120.0	510.0	1.5	0.0	31.6	140.0	510.0	1.5	0.0	32.0	160.0	510.0	1.5	0.0	32.4
120.0	520.0	1.5	0.0	31.3	140.0	520.0	1.5	0.0	31.6	160.0	520.0	1.5	0.0	32.0
120.0	530.0	1.5	0.0	31.0	140.0	530.0	1.5	0.0	31.4	160.0	530.0	1.5	0.0	31.7
120.0	540.0	1.5	0.0	30.7	140.0	540.0	1.5	0.0	31.1	160.0	540.0	1.5	0.0	31.4
120.0	550.0	1.5	0.0	30.5	140.0	550.0	1.5	0.0	30.7	160.0	550.0	1.5	0.0	31.1
120.0	560.0	1.5	0.0	30.3	140.0	560.0	1.5	0.0	30.5	160.0	560.0	1.5	0.0	30.8
120.0	570.0	1.5	0.0	29.9	140.0	570.0	1.5	0.0	30.3	160.0	570.0	1.5	0.0	30.8
120.0	580.0	1.5	0.0	29.6	140.0	580.0	1.5	0.0	29.9	160.0	580.0	1.5	0.0	30.5
120.0	590.0	1.5	0.0	29.5	140.0	590.0	1.5	0.0	29.7	160.0	590.0	1.5	0.0	30.3
120.0	600.0	1.5	0.0	29.2	140.0	600.0	1.5	0.0	29.7	160.0	600.0	1.5	0.0	29.9
130.0	0.0	1.5	0.0	28.1	150.0	0.0	1.5	0.0	28.4	170.0	0.0	1.5	0.0	28.6
130.0	10.0	1.5	0.0	28.1	150.0	10.0	1.5	0.0	28.8	170.0	10.0	1.5	0.0	28.8
130.0	20.0	1.5	0.0	28.2	150.0	20.0	1.5	0.0	29.1	170.0	20.0	1.5	0.0	29.1
130.0	30.0	1.5	0.0	28.7	150.0	30.0	1.5	0.0	29.1	170.0	30.0	1.5	0.0	29.5
130.0	40.0	1.5	0.0	28.9	150.0	40.0	1.5	0.0	29.2	170.0	40.0	1.5	0.0	29.7
130.0	50.0	1.5	0.0	29.2	150.0	50.0	1.5	0.0	29.3	170.0	50.0	1.5	0.0	30.2
130.0	60.0	1.5	0.0	29.5	150.0	60.0	1.5	0.0	29.8	170.0	60.0	1.5	0.0	30.5
130.0	70.0	1.5	0.0	29.6	150.0	70.0	1.5	0.0	30.1	170.0	70.0	1.5	0.0	30.5
130.0	80.0	1.5	0.0	29.8	150.0	80.0	1.5	0.0	30.4	170.0	80.0	1.5	0.0	30.6
130.0	90.0	1.5	0.0	30.1	150.0	90.0	1.5	0.0	30.7	170.0	90.0	1.5	0.0	31.0
130.0	100.0	1.5	0.0	30.3	150.0	100.0	1.5	0.0	30.8	170.0	100.0	1.5	0.0	31.5
130.0	110.0	1.5	0.0	30.7	150.0	110.0	1.5	0.0	31.1	170.0	110.0	1.5	0.0	31.7
130.0	120.0	1.5	0.0	30.9	150.0	120.0	1.5	0.0	31.4	170.0	120.0	1.5	0.0	32.1
130.0	130.0	1.5	0.0	31.1	150.0	130.0	1.5	0.0	31.7	170.0	130.0	1.5	0.0	32.2
130.0	140.0	1.5	0.0	31.4	150.0	140.0	1.5	0.0	32.0	170.0	140.0	1.5	0.0	32.5
130.0	150.0	1.5	0.0	31.7	150.0	150.0	1.5	0.0	32.2	170.0	150.0	1.5	0.0	32.8
130.0	160.0	1.5	0.0	32.0	150.0	160.0	1.5	0.0	32.6	170.0	160.0	1.5	0.0	33.2
130.0	170.0	1.5	0.0	32.1	150.0	170.0	1.5	0.0	32.9	170.0	170.0	1.5	0.0	33.5
130.0	180.0	1.5	0.0	32.6	150.0	180.0	1.5	0.0	33.1	170.0	180.0	1.5	0.0	34.0
130.0	190.0	1.5	0.0	32.6	150.0	190.0	1.5	0.0	33.6	170.0	190.0	1.5	0.0	34.4
130.0	200.0	1.5	0.0	32.9	150.0	200.0	1.5	0.0	33.6	170.0	200.0	1.5	0.0	34.5
130.0	210.0	1.5	0.0	33.2	150.0	210.0	1.5	0.0	34.0	170.0	210.0	1.5	0.0	34.9
130.0	220.0	1.5	0.0	33.4	150.0	220.0	1.5	0.0	34.3	170.0	220.0	1.5	0.0	35.3
130.0	230.0	1.5	0.0	33.7	150.0	230.0	1.5	0.0	34.7	170.0	230.0	1.5	0.0	35.6
130.0	240.0	1.5	0.0	34.1	150.0	240.0	1.5	0.0	34.9	170.0	240.0	1.5	0.0	36.0
130.0	250.0	1.5	0.0	34.4	150.0	250.0	1.5	0.0	35.4	170.0	250.0	1.5	0.0	36.4
130.0	260.0	1.5	0.0	34.3	150.0	260.0	1.5	0.0	35.5	170.0	260.0	1.5	0.0	36.8
130.0	270.0	1.5	0.0	34.6	150.0	270.0	1.5	0.0	35.6	170.0	270.0	1.5	0.0	36.8
130.0	280.0	1.5	0.0	34.8	150.0	280.0	1.5	0.0	35.9	170.0	280.0	1.5	0.0	37.1
130.0	290.0	1.5	0.0	34.8	150.0	290.0	1.5	0.0	36.0	170.0	290.0	1.5	0.0	37.3
130.0	292.0	1.5	0.0	34.8	150.0	292.0	1.5	0.0	36.0	170.0	292.0	1.5	0.0	37.3
130.0	295.0	1.5	0.0	35.0	150.0	295.0	1.5	0.0	36.1	170.0	295.0	1.5	0.0	37.5
130.0	300.0	1.5	0.0	34.9	150.0	300.0	1.5	0.0	36.2	170.0	300.0	1.5	0.0	37.5
130.0	310.0	1.5	0.0	34.9	150.0	310.0	1.5	0.0	36.1	170.0	310.0	1.5	0.0	37.5
130.0	320.0	1.5	0.0	35.0	150.0	320.0	1.5	0.0	36.2	170.0	320.0	1.5	0.0	37.5
130.0	330.0	1.5	0.0	35.1	150.0	330.0	1.5	0.0	36.2	170.0	330.0	1.5	0.0	37.5
130.0	333.5	1.5	0.0	35.1	150.0	333.5	1.5	0.0	36.2	170.0	333.5	1.5	0.0	37.5
130.0	340.0	1.5	0.0	35.1	150.0	340.0	1.5	0.0	36.2	170.0	340.0	1.5	0.0	37.4
130.0	350.0	1.5	0.0	35.0	150.0	350.0	1.5	0.0	36.1	170.0	350.0	1.5	0.0	37.3
130.0	360.0	1.5	0.0	34.9	150.0	360.0	1.5	0.0	36.0	170.0	360.0	1.5	0.0	37.0
130.0	370.0	1.5	0.0	34.7	150.0	370.0	1.5	0.0	35.8	170.0	370.0	1.5	0.0	37.0
130.0	380.0	1.5	0.0	34.7	150.0	380.0	1.5	0.0	35.6	170.0	380.0	1.5	0.0	36.8
130.0	390.0	1.5	0.0	34.5	150.0	390.0	1.5	0.0	35.5	170.0	390.0	1.5	0.0	36.5
130.0	400.0	1.5	0.0	34.5	150.0	400.0	1.5	0.0	35.2	170.0	400.0	1.5	0.0	36.1
130.0	410.0	1.5	0.0	34.1	150.0	410.0	1.5	0.0	35.0	170.0	410.0	1.5	0.0	35.9
130.0	420.0	1.5	0.0	33.9	150.0	420.0	1.5	0.0	34.8	170.0	420.0	1.5	0.0	35.5
130.0	430.0	1.5	0.0	33.7	150.0	430.0	1.5	0.0	34.4	170.0	430.0	1.5	0.0	35.3
130.0	440.0	1.5	0.0	33.5	150.0	440.0	1.5	0.0	34.3	170.0	440.0	1.5	0.0	34.8
130.0	450.0	1.5	0.0	33.2	150.0	450.0	1.5	0.0	33.9	170.0	450.0	1.5	0.0	34.6
130.0	460.0	1.5	0.0	33.0	150.0	460.0	1.5	0.0	33.6	170.0	460.0	1.5	0.0	34.3
130.0	470.0	1.5	0.0	32.7	150.0	470.0	1.5	0.0	33.4	170.0	470.0	1.5	0.0	34.0
130.0	480.0	1.5	0.0	32.4	150.0	480.0	1.5	0.0	33.1	170.0	480.0	1.5	0.0	33.7
130.0	490.0	1.5	0.0	32.3	150.0	490.0	1.5	0.0	32.8	170.0	490.0	1.5	0.0	33.2
130.0	500.0	1.5	0.0	32.1	150.0	500.0	1.5	0.0	32.6	170.0	500.0	1.5	0.0	32.9
130.0	510.0	1.5	0.0	31.9	150.0	510.0	1.5	0.0	32.1	170.0	510.0	1.5	0.0	32.6
130.0	520.0	1.5	0.0	31.5	150.0	520.0	1.5	0.0	31.9	170.0	520.0	1.5	0.0	32.2
130.0	530.0	1.5	0.0	31.2	150.0	530.0	1.5	0.0	31.5	170.0	530.0	1.5	0.0	32.0

170.0	540.0	1.5	0.0	31.7	190.0	540.0	1.5	0.0	32.1	210.0	540.0	1.5	0.0	32.4
170.0	550.0	1.5	0.0	31.5	190.0	550.0	1.5	0.0	31.8	210.0	550.0	1.5	0.0	32.0
170.0	560.0	1.5	0.0	31.2	190.0	560.0	1.5	0.0	31.5	210.0	560.0	1.5	0.0	31.8
170.0	570.0	1.5	0.0	31.0	190.0	570.0	1.5	0.0	31.2	210.0	570.0	1.5	0.0	31.5
170.0	580.0	1.5	0.0	30.6	190.0	580.0	1.5	0.0	30.9	210.0	580.0	1.5	0.0	31.1
170.0	590.0	1.5	0.0	30.3	190.0	590.0	1.5	0.0	30.5	210.0	590.0	1.5	0.0	30.7
170.0	600.0	1.5	0.0	30.1	190.0	600.0	1.5	0.0	30.3	210.0	600.0	1.5	0.0	30.4
180.0	0.0	1.5	0.0	28.7	200.0	0.0	1.5	0.0	28.9	220.0	0.0	1.5	0.0	29.1
180.0	10.0	1.5	0.0	28.9	200.0	10.0	1.5	0.0	29.1	220.0	10.0	1.5	0.0	29.4
180.0	20.0	1.5	0.0	29.2	200.0	20.0	1.5	0.0	29.4	220.0	20.0	1.5	0.0	29.7
180.0	30.0	1.5	0.0	29.5	200.0	30.0	1.5	0.0	29.7	220.0	30.0	1.5	0.0	30.1
180.0	40.0	1.5	0.0	29.8	200.0	40.0	1.5	0.0	30.0	220.0	40.0	1.5	0.0	30.3
180.0	50.0	1.5	0.0	30.2	200.0	50.0	1.5	0.0	30.3	220.0	50.0	1.5	0.0	30.6
180.0	60.0	1.5	0.0	30.5	200.0	60.0	1.5	0.0	30.7	220.0	60.0	1.5	0.0	30.9
180.0	70.0	1.5	0.0	31.0	200.0	70.0	1.5	0.0	31.0	220.0	70.0	1.5	0.0	31.2
180.0	80.0	1.5	0.0	31.2	200.0	80.0	1.5	0.0	31.3	220.0	80.0	1.5	0.0	31.6
180.0	90.0	1.5	0.0	31.3	200.0	90.0	1.5	0.0	31.8	220.0	90.0	1.5	0.0	32.0
180.0	100.0	1.5	0.0	31.5	200.0	100.0	1.5	0.0	32.3	220.0	100.0	1.5	0.0	32.4
180.0	110.0	1.5	0.0	31.9	200.0	110.0	1.5	0.0	32.8	220.0	110.0	1.5	0.0	32.8
180.0	120.0	1.5	0.0	32.3	200.0	120.0	1.5	0.0	32.9	220.0	120.0	1.5	0.0	33.2
180.0	130.0	1.5	0.0	32.6	200.0	130.0	1.5	0.0	33.1	220.0	130.0	1.5	0.0	33.7
180.0	140.0	1.5	0.0	32.8	200.0	140.0	1.5	0.0	33.5	220.0	140.0	1.5	0.0	34.3
180.0	150.0	1.5	0.0	33.2	200.0	150.0	1.5	0.0	33.9	220.0	150.0	1.5	0.0	34.6
180.0	160.0	1.5	0.0	33.5	200.0	160.0	1.5	0.0	34.2	220.0	160.0	1.5	0.0	35.0
180.0	170.0	1.5	0.0	33.9	200.0	170.0	1.5	0.0	34.6	220.0	170.0	1.5	0.0	35.5
180.0	180.0	1.5	0.0	34.3	200.0	180.0	1.5	0.0	34.9	220.0	180.0	1.5	0.0	35.9
180.0	190.0	1.5	0.0	34.7	200.0	190.0	1.5	0.0	35.4	220.0	190.0	1.5	0.0	36.3
180.0	200.0	1.5	0.0	35.2	200.0	200.0	1.5	0.0	36.0	220.0	200.0	1.5	0.0	36.8
180.0	210.0	1.5	0.0	35.4	200.0	210.0	1.5	0.0	36.5	220.0	210.0	1.5	0.0	37.3
180.0	220.0	1.5	0.0	35.7	200.0	220.0	1.5	0.0	37.0	220.0	220.0	1.5	0.0	38.1
180.0	230.0	1.5	0.0	36.2	200.0	230.0	1.5	0.0	37.3	220.0	230.0	1.5	0.0	38.8
180.0	240.0	1.5	0.0	36.6	200.0	240.0	1.5	0.0	37.9	220.0	240.0	1.5	0.0	39.4
180.0	250.0	1.5	0.0	37.0	200.0	250.0	1.5	0.0	38.4	220.0	250.0	1.5	0.0	40.1
180.0	260.0	1.5	0.0	37.4	200.0	260.0	1.5	0.0	38.9	220.0	260.0	1.5	0.0	40.8
180.0	270.0	1.5	0.0	37.5	200.0	270.0	1.5	0.0	39.3	220.0	270.0	1.5	0.0	41.4
180.0	280.0	1.5	0.0	37.8	200.0	280.0	1.5	0.0	39.5	220.0	280.0	1.5	0.0	41.9
180.0	290.0	1.5	0.0	38.1	200.0	290.0	1.5	0.0	39.8	220.0	290.0	1.5	0.0	42.2
180.0	292.0	1.5	0.0	38.1	200.0	292.0	1.5	0.0	39.9	220.0	292.0	1.5	0.0	42.3
180.0	295.0	1.5	0.0	38.2	200.0	295.0	1.5	0.0	40.0	220.0	295.0	1.5	0.0	42.4
180.0	300.0	1.5	0.0	38.3	200.0	300.0	1.5	0.0	40.1	220.0	300.0	1.5	0.0	42.5
180.0	310.0	1.5	0.0	38.2	200.0	310.0	1.5	0.0	40.0	220.0	310.0	1.5	0.0	42.4
180.0	320.0	1.5	0.0	38.2	200.0	320.0	1.5	0.0	40.0	220.0	320.0	1.5	0.0	42.3
180.0	330.0	1.5	0.0	38.2	200.0	330.0	1.5	0.0	39.9	220.0	330.0	1.5	0.0	41.8
180.0	333.5	1.5	0.0	38.2	200.0	333.5	1.5	0.0	39.8	220.0	333.5	1.5	0.0	41.7
180.0	340.0	1.5	0.0	38.1	200.0	340.0	1.5	0.0	39.6	220.0	340.0	1.5	0.0	41.6
180.0	350.0	1.5	0.0	38.0	200.0	350.0	1.5	0.0	39.5	220.0	350.0	1.5	0.0	41.2
180.0	360.0	1.5	0.0	37.7	200.0	360.0	1.5	0.0	39.2	220.0	360.0	1.5	0.0	40.8
180.0	370.0	1.5	0.0	37.6	200.0	370.0	1.5	0.0	38.9	220.0	370.0	1.5	0.0	40.3
180.0	380.0	1.5	0.0	37.3	200.0	380.0	1.5	0.0	38.5	220.0	380.0	1.5	0.0	39.8
180.0	390.0	1.5	0.0	36.9	200.0	390.0	1.5	0.0	38.1	220.0	390.0	1.5	0.0	39.3
180.0	400.0	1.5	0.0	36.7	200.0	400.0	1.5	0.0	37.7	220.0	400.0	1.5	0.0	38.8
180.0	410.0	1.5	0.0	36.3	200.0	410.0	1.5	0.0	37.2	220.0	410.0	1.5	0.0	38.4
180.0	420.0	1.5	0.0	36.0	200.0	420.0	1.5	0.0	36.9	220.0	420.0	1.5	0.0	37.8
180.0	430.0	1.5	0.0	35.6	200.0	430.0	1.5	0.0	36.5	220.0	430.0	1.5	0.0	37.3
180.0	440.0	1.5	0.0	35.3	200.0	440.0	1.5	0.0	36.1	220.0	440.0	1.5	0.0	36.9
180.0	450.0	1.5	0.0	35.0	200.0	450.0	1.5	0.0	35.7	220.0	450.0	1.5	0.0	36.4
180.0	460.0	1.5	0.0	34.6	200.0	460.0	1.5	0.0	35.2	220.0	460.0	1.5	0.0	36.0
180.0	470.0	1.5	0.0	34.3	200.0	470.0	1.5	0.0	34.8	220.0	470.0	1.5	0.0	35.5
180.0	480.0	1.5	0.0	33.9	200.0	480.0	1.5	0.0	34.5	220.0	480.0	1.5	0.0	34.9
180.0	490.0	1.5	0.0	33.5	200.0	490.0	1.5	0.0	34.2	220.0	490.0	1.5	0.0	34.4
180.0	500.0	1.5	0.0	33.2	200.0	500.0	1.5	0.0	33.8	220.0	500.0	1.5	0.0	34.0
180.0	510.0	1.5	0.0	32.9	200.0	510.0	1.5	0.0	33.4	220.0	510.0	1.5	0.0	33.6
180.0	520.0	1.5	0.0	32.5	200.0	520.0	1.5	0.0	33.0	220.0	520.0	1.5	0.0	33.2
180.0	530.0	1.5	0.0	32.3	200.0	530.0	1.5	0.0	32.6	220.0	530.0	1.5	0.0	33.0
180.0	540.0	1.5	0.0	32.0	200.0	540.0	1.5	0.0	32.2	220.0	540.0	1.5	0.0	32.7
180.0	550.0	1.5	0.0	31.7	200.0	550.0	1.5	0.0	32.0	220.0	550.0	1.5	0.0	32.3
180.0	560.0	1.5	0.0	31.3	200.0	560.0	1.5	0.0	31.6	220.0	560.0	1.5	0.0	31.8
180.0	570.0	1.5	0.0	31.0	200.0	570.0	1.5	0.0	31.2	220.0	570.0	1.5	0.0	31.5
180.0	580.0	1.5	0.0	30.8	200.0	580.0	1.5	0.0	31.0	220.0	580.0	1.5	0.0	31.2
180.0	590.0	1.5	0.0	30.5	200.0	590.0	1.5	0.0	30.7	220.0	590.0	1.5	0.0	30.9
180.0	600.0	1.5	0.0	30.2	200.0	600.0	1.5	0.0	30.4	220.0	600.0	1.5	0.0	30.6
190.0	0.0	1.5	0.0	28.8	210.0	0.0	1.5	0.0	29.1	230.0	0.0	1.5	0.0	29.2
190.0	10.0	1.5	0.0	29.0	210.0	10.0	1.5	0.0	29.3	230.0	10.0	1.5	0.0	29.5
190.0	20.0	1.5	0.0	29.3	210.0	20.0	1.5	0.0	29.6	230.0	20.0	1.5	0.0	29.8
190.0	30.0	1.5	0.0	29.6	210.0	30.0	1.5	0.0	29.8	230.0	30.0	1.5	0.0	30.1
190.0	40.0	1.5	0.0	29.9	210.0	40.0	1.5	0.0	30.2	230.0	40.0	1.5	0.0	30.4
190.0	50.0	1.5	0.0	30.2	210.0	50.0	1.5	0.0	30.5	230.0	50.0	1.5	0.0	30.7
190.0	60.0	1.5	0.0	30.5	210.0	60.0	1.5	0.0	30.8	230.0	60.0	1.5	0.0	31.1
190.0	70.0	1.5	0.0	31.0	210.0	70.0	1.5	0.0	31.1	230.0	70.0	1.5	0.0	31.5
190.0	80.0	1.5	0.0	31.3	210.0	80.0	1.5	0.0	31.5	230.0	80.0	1.5	0.0	31.8
190.0	90.0	1.5	0.0	31.9	210.0	90.0	1.5	0.0	31.9	230.0	90.0	1.5	0.0	32.1
190.0	100.0	1.5	0.0	32.0	210.0	100.0	1.5	0.0	32.2	230.0	100.0	1.5	0.0	32.5
190.0	110.0	1.5	0.0	32.1	210.0	110.0	1.5	0.0	32.7	230.0	110.0	1.5	0.0	32.9
190.0	120.0	1.5	0.0	32.5	210.0	120.0	1.5	0.0	33.2	230.0	120.0	1.5	0.0	33.3
190.0	130.0	1.5	0.0	32.9	210.0	130.0	1.5	0.0	33.5	230.0	130.0	1.5	0.0	33.8
190.0	140.0	1.5	0.0	33.3	210.0	140.0	1.5	0.0	33.8	230.0	140.0	1.5	0.0	34.2
190.0	150.0	1.5	0.0	33.4	210.0	150.0	1.5	0.0	34.2	230.0	150.0	1.5	0.0	34.8
190.0	160.0	1.5	0.0	33.9	210.0	160.0	1.5	0.0	34.6	230.0	160.0	1.5	0.0	35.6
190.0	170.0	1.5	0.0	34.1	210.0	170.0	1.5	0.0	35.1	230.0	170.0	1.5	0.0	35.7
190.0	180.0	1.5	0.0	34.6	210.0	180.0	1.5	0.0	35.4	230.0	180.0	1.5	0.0	36.5
190.0	190.0	1.5	0.0	35.1	210.0	190.0	1.5	0.0	35.8	230.0	190.0	1.5	0.0	36.9
190.0	200.0	1.5	0.0	35.6	210.0	200.0	1.5	0.0	36.3	230.0	200.0	1.5	0.0	37.3
190.0	210.0	1.5	0.0	36.1	210.0	210.0	1.5	0.0	37.0	230.0	210.0	1.5	0.0	37.9
190.0	220.0	1.5	0.0	36.4	210.0	220.0	1.5	0.0	37.6	230.0	220.0	1.5	0.0	38.5
190.0	230.0	1.5	0.0	36.7	210.0	230.0	1.5	0.0	38.2	230.0	230.0	1.5	0.0	39.3
190.0	240.0	1.5	0.0	37.2	210.0	240.0	1.5	0.0	38.5	230.0	240.0	1.5	0.0	40.3
190.0	250.0	1.5	0.0	37.7	210.0	250.0	1.5	0.0	39.2	230.0	250.0	1.5	0.0	41.0
190.0	260.0	1.5	0.0	38.1	210.0	260.0	1.5	0.0	39.8	230.0	260.0	1.5	0.0	42.0
190.0	270.0	1.5	0.0	38.5	210.0	270.0	1.5	0.0	40.2	230.0	270.0	1.5	0.0	42.9
190.0	280.0	1.5	0.0	38.6	210.0	280.0	1.5	0.0	40.7	230.0	280.0	1.5	0.0	43.5
190.0	290.0	1.5	0.0	38.9	210.0	290.0	1.5	0.0	40.9	230.0	290.0	1.5	0.0	44.0
190.0	292.0	1.5	0.0	39.0	210.0	292.0	1.5	0.0	41.0	230.0	292.0	1.5	0.0	44.1
190.0	295.0	1.5	0.0	39.1	210.0	295.0	1.5	0.0	41.1	230.0	295.0	1.5	0.0	44.2
190.0	300.0	1.5	0.0	39.1	210.0	300.0	1.5	0.0	41.2	230.0	300.0	1.5	0.0	44.3
190.0	310.0	1.5	0.0	39.1	210.0	310.0	1.5	0.0	41.1	230.0	310.0	1.5	0.0	44.1
190.0	320.0	1.5	0.0	39.1	210.0	320.0	1.5	0.0	41.0	230.0	320.0	1.5	0.0	43.6
190.0	330.0	1.5	0.0	39.0	210.0	330.0	1.5	0.0	40.8	230.0	330.0	1.5	0.0	43.2
190.0	333.5	1.5	0.0	39.0	210.0	333.5	1.5	0.0	40.7	230.0	333.5	1.5	0.0	43.1
190.0	340.0	1.5	0.0	38.8	210.0	340.0	1.5	0.0	40.5	230.0	340.0	1.5	0.0	42.7
190.0	350.0	1.5	0.0	38.6	210.0	350.0	1.5	0.0	40.3	230.0	350.0	1.5	0.0	42.2
190.0	360.0	1.5	0.0	38.5	210.0	360.0	1.5	0.0	40.0	230.0	360.0	1.5	0.0	41.6
190.0	370.0	1.5	0.0	38.3	210.0	370.0	1.5	0.0	39.6	230.0	370.0	1.5	0.0	41.1
190.0	380.0	1.5	0.0	37.9	210.0	380.0	1.5	0.0	39.1	230.0	380.0	1.5	0.0	40.5
190.0	390.0	1.5	0.0	37.5	210.0	390.0	1.5	0.0	38.7	230.0	390.0	1.5	0.0	40.0
190.0	400.0	1.5	0.0	37.2	210.0	400.0	1.5	0.0	38.2	230.0	400.0	1.5	0.0	39.4
190.0	410.0	1.5	0.0	36.8	210.0	410.0	1.5	0.0	37.8	230.0	410.0	1.5	0.0	38.9
190.0	420.0	1.5	0.0	36.4	210.0	420.0	1.5	0.0	37.3	230.0	420.0	1.5	0.0	38.3
190.0	430.0	1.5	0.0	36.1	210.0	430.0	1.5	0.0	36.9	230.0	430.0	1.5	0.0	37.8
190.0	440.0	1.5	0.0	35.8	210.0	440.0	1.5	0.0	36.5	230.0	440.0	1.5	0.0	37.3
190.0	450.0	1.5	0.0	35.4	210.0	450.0	1.5	0.0	36.0	230.0	450.0	1.5	0.0	36.7
190.0	460.0	1.5	0.0	34.9	210.0	460.0	1.5	0.0	35.6	230.0	460.0	1.5	0.0	36.1
190.0	470.0	1.5	0.0	34.6	210.0	470.0	1.5	0.0	35.2	230.0	470.0	1.5	0.0	35.6
190.0	480.0	1.5	0.0	34.1	210.0	480.0	1.5	0.0	34.8	230.0	480.0	1.5	0.0	35.0
190.0	490.0	1.5	0.0	33.8	210.0	490.0	1.5	0.0	34.4	230.0	490.0	1.5	0.0	34.7
190.0	500.0	1.5	0.0	33.4	210.0	500.0	1.5	0.0	33.9	230.0	500.0	1.5	0.0	34.2
190.0	510.0	1.5	0.0	33.2	210.0	510.0	1.5	0.0	33.5	230.0	510.0	1.5	0.0	34.0
190.0	520.0	1.5	0.0	32.8	210.0	520.0	1.5	0.0	33.1	230.0	520.0	1.5	0.0	33.6
190.0	530.0	1.5	0.0	32.5	210.0	530.0	1.5	0.0	32.7	230.0	530.0	1.5	0.0	33.1

230.0	540.0	1.5	0.0	32.7	250.0	540.0	1.5	0.0	33.1	270.0	540.0	1.5	0.0	33.2
230.0	550.0	1.5	0.0	32.3	250.0	550.0	1.5	0.0	32.8	270.0	550.0	1.5	0.0	32.8
230.0	560.0	1.5	0.0	32.0	250.0	560.0	1.5	0.0	32.4	270.0	560.0	1.5	0.0	32.5
230.0	570.0	1.5	0.0	31.7	250.0	570.0	1.5	0.0	32.0	270.0	570.0	1.5	0.0	32.1
230.0	580.0	1.5	0.0	31.3	250.0	580.0	1.5	0.0	31.7	270.0	580.0	1.5	0.0	31.8
230.0	590.0	1.5	0.0	31.0	250.0	590.0	1.5	0.0	31.4	270.0	590.0	1.5	0.0	31.4
230.0	600.0	1.5	0.0	30.9	250.0	600.0	1.5	0.0	31.0	270.0	600.0	1.5	0.0	31.0
240.0	0.0	1.5	0.0	29.3	260.0	0.0	1.5	0.0	29.1	280.0	0.0	1.5	0.0	29.4
240.0	10.0	1.5	0.0	29.7	260.0	10.0	1.5	0.0	29.4	280.0	10.0	1.5	0.0	29.7
240.0	20.0	1.5	0.0	30.0	260.0	20.0	1.5	0.0	29.8	280.0	20.0	1.5	0.0	30.0
240.0	30.0	1.5	0.0	30.2	260.0	30.0	1.5	0.0	30.0	280.0	30.0	1.5	0.0	30.3
240.0	40.0	1.5	0.0	30.5	260.0	40.0	1.5	0.0	30.4	280.0	40.0	1.5	0.0	30.6
240.0	50.0	1.5	0.0	30.9	260.0	50.0	1.5	0.0	30.8	280.0	50.0	1.5	0.0	31.0
240.0	60.0	1.5	0.0	31.2	260.0	60.0	1.5	0.0	31.2	280.0	60.0	1.5	0.0	31.2
240.0	70.0	1.5	0.0	31.6	260.0	70.0	1.5	0.0	31.6	280.0	70.0	1.5	0.0	31.6
240.0	80.0	1.5	0.0	31.9	260.0	80.0	1.5	0.0	31.9	280.0	80.0	1.5	0.0	31.9
240.0	90.0	1.5	0.0	32.3	260.0	90.0	1.5	0.0	32.3	280.0	90.0	1.5	0.0	32.3
240.0	100.0	1.5	0.0	32.7	260.0	100.0	1.5	0.0	32.8	280.0	100.0	1.5	0.0	32.8
240.0	110.0	1.5	0.0	33.1	260.0	110.0	1.5	0.0	33.4	280.0	110.0	1.5	0.0	33.3
240.0	120.0	1.5	0.0	33.5	260.0	120.0	1.5	0.0	33.8	280.0	120.0	1.5	0.0	33.8
240.0	130.0	1.5	0.0	33.9	260.0	130.0	1.5	0.0	34.3	280.0	130.0	1.5	0.0	34.2
240.0	140.0	1.5	0.0	34.4	260.0	140.0	1.5	0.0	34.7	280.0	140.0	1.5	0.0	34.7
240.0	150.0	1.5	0.0	34.9	260.0	150.0	1.5	0.0	35.3	280.0	150.0	1.5	0.0	35.4
240.0	160.0	1.5	0.0	35.4	260.0	160.0	1.5	0.0	35.8	280.0	160.0	1.5	0.0	36.0
240.0	170.0	1.5	0.0	36.1	260.0	170.0	1.5	0.0	36.4	280.0	170.0	1.5	0.0	36.6
240.0	180.0	1.5	0.0	36.7	260.0	180.0	1.5	0.0	37.0	280.0	180.0	1.5	0.0	37.3
240.0	190.0	1.5	0.0	37.3	260.0	190.0	1.5	0.0	37.7	280.0	190.0	1.5	0.0	37.9
240.0	200.0	1.5	0.0	38.1	260.0	200.0	1.5	0.0	38.5	280.0	200.0	1.5	0.0	38.7
240.0	210.0	1.5	0.0	38.5	260.0	210.0	1.5	0.0	39.7	280.0	210.0	1.5	0.0	39.7
240.0	220.0	1.5	0.0	39.1	260.0	220.0	1.5	0.0	40.4	280.0	220.0	1.5	0.0	40.7
240.0	230.0	1.5	0.0	40.0	260.0	230.0	1.5	0.0	41.6	280.0	230.0	1.5	0.0	42.0
240.0	240.0	1.5	0.0	41.1	260.0	240.0	1.5	0.0	42.8	280.0	240.0	1.5	0.0	43.4
240.0	250.0	1.5	0.0	42.2	260.0	250.0	1.5	0.0	44.8	280.0	250.0	1.5	0.0	45.3
240.0	260.0	1.5	0.0	43.3	260.0	260.0	1.5	0.0	49.0	280.0	260.0	1.5	0.0	47.9
240.0	270.0	1.5	0.0	44.5	260.0	270.0	1.5	0.0	50.1	280.0	270.0	1.5	0.0	50.6
240.0	280.0	1.5	0.0	45.8	260.0	280.0	1.5	0.0	50.4	280.0	280.0	1.5	0.0	61.1
240.0	290.0	1.5	0.0	46.7	260.0	290.0	1.5	0.0	64.0	280.0	290.0	1.5	0.0	52.6
240.0	292.0	1.5	0.0	46.7	260.0	292.0	1.5	0.0	57.7	280.0	292.0	1.5	0.0	52.6
240.0	295.0	1.5	0.0	46.8	260.0	295.0	1.5	0.0	52.7	280.0	295.0	1.5	0.0	52.4
240.0	300.0	1.5	0.0	46.9	260.0	300.0	1.5	0.0	50.5	280.0	300.0	1.5	0.0	51.4
240.0	310.0	1.5	0.0	46.7	260.0	310.0	1.5	0.0	49.5	280.0	310.0	1.5	0.0	49.9
240.0	320.0	1.5	0.0	45.4	260.0	320.0	1.5	0.0	52.4	280.0	320.0	1.5	0.0	51.7
240.0	330.0	1.5	0.0	44.6	260.0	330.0	1.5	0.0	50.2	280.0	330.0	1.5	0.0	54.6
240.0	333.5	1.5	0.0	44.3	260.0	333.5	1.5	0.0	48.4	280.0	333.5	1.5	0.0	55.7
240.0	340.0	1.5	0.0	43.8	260.0	340.0	1.5	0.0	46.9	280.0	340.0	1.5	0.0	52.0
240.0	350.0	1.5	0.0	43.2	260.0	350.0	1.5	0.0	45.8	280.0	350.0	1.5	0.0	50.1
240.0	360.0	1.5	0.0	42.6	260.0	360.0	1.5	0.0	45.0	280.0	360.0	1.5	0.0	50.8
240.0	370.0	1.5	0.0	42.0	260.0	370.0	1.5	0.0	44.1	280.0	370.0	1.5	0.0	47.3
240.0	380.0	1.5	0.0	41.3	260.0	380.0	1.5	0.0	43.1	280.0	380.0	1.5	0.0	45.0
240.0	390.0	1.5	0.0	40.7	260.0	390.0	1.5	0.0	42.1	280.0	390.0	1.5	0.0	43.3
240.0	400.0	1.5	0.0	40.0	260.0	400.0	1.5	0.0	41.2	280.0	400.0	1.5	0.0	42.1
240.0	410.0	1.5	0.0	39.4	260.0	410.0	1.5	0.0	40.3	280.0	410.0	1.5	0.0	41.1
240.0	420.0	1.5	0.0	38.8	260.0	420.0	1.5	0.0	39.5	280.0	420.0	1.5	0.0	40.1
240.0	430.0	1.5	0.0	38.2	260.0	430.0	1.5	0.0	38.7	280.0	430.0	1.5	0.0	39.3
240.0	440.0	1.5	0.0	37.5	260.0	440.0	1.5	0.0	38.1	280.0	440.0	1.5	0.0	38.6
240.0	450.0	1.5	0.0	36.9	260.0	450.0	1.5	0.0	37.4	280.0	450.0	1.5	0.0	37.9
240.0	460.0	1.5	0.0	36.4	260.0	460.0	1.5	0.0	36.8	280.0	460.0	1.5	0.0	37.3
240.0	470.0	1.5	0.0	35.8	260.0	470.0	1.5	0.0	36.3	280.0	470.0	1.5	0.0	36.7
240.0	480.0	1.5	0.0	35.4	260.0	480.0	1.5	0.0	35.9	280.0	480.0	1.5	0.0	36.1
240.0	490.0	1.5	0.0	35.0	260.0	490.0	1.5	0.0	35.4	280.0	490.0	1.5	0.0	35.6
240.0	500.0	1.5	0.0	34.5	260.0	500.0	1.5	0.0	34.9	280.0	500.0	1.5	0.0	35.1
240.0	510.0	1.5	0.0	34.1	260.0	510.0	1.5	0.0	34.5	280.0	510.0	1.5	0.0	34.7
240.0	520.0	1.5	0.0	33.6	260.0	520.0	1.5	0.0	33.9	280.0	520.0	1.5	0.0	34.1
240.0	530.0	1.5	0.0	33.2	260.0	530.0	1.5	0.0	33.5	280.0	530.0	1.5	0.0	33.7
240.0	540.0	1.5	0.0	32.8	260.0	540.0	1.5	0.0	33.2	280.0	540.0	1.5	0.0	33.3
240.0	550.0	1.5	0.0	32.5	260.0	550.0	1.5	0.0	32.8	280.0	550.0	1.5	0.0	32.9
240.0	560.0	1.5	0.0	32.3	260.0	560.0	1.5	0.0	32.5	280.0	560.0	1.5	0.0	32.5
240.0	570.0	1.5	0.0	31.9	260.0	570.0	1.5	0.0	32.0	280.0	570.0	1.5	0.0	32.1
240.0	580.0	1.5	0.0	31.6	260.0	580.0	1.5	0.0	31.7	280.0	580.0	1.5	0.0	31.8
240.0	590.0	1.5	0.0	31.4	260.0	590.0	1.5	0.0	31.4	280.0	590.0	1.5	0.0	31.4
240.0	600.0	1.5	0.0	31.1	260.0	600.0	1.5	0.0	31.0	280.0	600.0	1.5	0.0	31.0
250.0	0.0	1.5	0.0	29.0	270.0	0.0	1.5	0.0	29.2	290.0	0.0	1.5	0.0	29.3
250.0	10.0	1.5	0.0	29.3	270.0	10.0	1.5	0.0	29.5	290.0	10.0	1.5	0.0	29.6
250.0	20.0	1.5	0.0	29.7	270.0	20.0	1.5	0.0	29.9	290.0	20.0	1.5	0.0	29.9
250.0	30.0	1.5	0.0	30.1	270.0	30.0	1.5	0.0	30.2	290.0	30.0	1.5	0.0	30.3
250.0	40.0	1.5	0.0	30.4	270.0	40.0	1.5	0.0	30.6	290.0	40.0	1.5	0.0	30.6
250.0	50.0	1.5	0.0	31.0	270.0	50.0	1.5	0.0	30.8	290.0	50.0	1.5	0.0	31.1
250.0	60.0	1.5	0.0	31.3	270.0	60.0	1.5	0.0	31.2	290.0	60.0	1.5	0.0	31.4
250.0	70.0	1.5	0.0	31.8	270.0	70.0	1.5	0.0	31.6	290.0	70.0	1.5	0.0	31.8
250.0	80.0	1.5	0.0	32.0	270.0	80.0	1.5	0.0	32.0	290.0	80.0	1.5	0.0	32.1
250.0	90.0	1.5	0.0	32.4	270.0	90.0	1.5	0.0	32.4	290.0	90.0	1.5	0.0	32.5
250.0	100.0	1.5	0.0	32.8	270.0	100.0	1.5	0.0	32.8	290.0	100.0	1.5	0.0	33.0
250.0	110.0	1.5	0.0	33.2	270.0	110.0	1.5	0.0	33.2	290.0	110.0	1.5	0.0	33.4
250.0	120.0	1.5	0.0	33.6	270.0	120.0	1.5	0.0	33.7	290.0	120.0	1.5	0.0	33.9
250.0	130.0	1.5	0.0	34.1	270.0	130.0	1.5	0.0	34.2	290.0	130.0	1.5	0.0	34.4
250.0	140.0	1.5	0.0	34.6	270.0	140.0	1.5	0.0	34.8	290.0	140.0	1.5	0.0	34.9
250.0	150.0	1.5	0.0	35.0	270.0	150.0	1.5	0.0	35.3	290.0	150.0	1.5	0.0	35.5
250.0	160.0	1.5	0.0	35.6	270.0	160.0	1.5	0.0	35.9	290.0	160.0	1.5	0.0	36.1
250.0	170.0	1.5	0.0	36.2	270.0	170.0	1.5	0.0	36.6	290.0	170.0	1.5	0.0	36.7
250.0	180.0	1.5	0.0	36.8	270.0	180.0	1.5	0.0	37.3	290.0	180.0	1.5	0.0	37.3
250.0	190.0	1.5	0.0	37.7	270.0	190.0	1.5	0.0	37.9	290.0	190.0	1.5	0.0	38.0
250.0	200.0	1.5	0.0	38.4	270.0	200.0	1.5	0.0	38.7	290.0	200.0	1.5	0.0	38.8
250.0	210.0	1.5	0.0	39.1	270.0	210.0	1.5	0.0	39.5	290.0	210.0	1.5	0.0	39.7
250.0	220.0	1.5	0.0	40.0	270.0	220.0	1.5	0.0	40.6	290.0	220.0	1.5	0.0	40.7
250.0	230.0	1.5	0.0	40.8	270.0	230.0	1.5	0.0	42.0	290.0	230.0	1.5	0.0	41.8
250.0	240.0	1.5	0.0	41.9	270.0	240.0	1.5	0.0	43.3	290.0	240.0	1.5	0.0	43.3
250.0	250.0	1.5	0.0	43.4	270.0	250.0	1.5	0.0	45.4	290.0	250.0	1.5	0.0	45.2
250.0	260.0	1.5	0.0	45.3	270.0	260.0	1.5	0.0	49.5	290.0	260.0	1.5	0.0	48.7
250.0	270.0	1.5	0.0	46.6	270.0	270.0	1.5	0.0	52.2	290.0	270.0	1.5	0.0	57.3
250.0	280.0	1.5	0.0	49.0	270.0	280.0	1.5	0.0	54.0	290.0	280.0	1.5	0.0	50.3
250.0	290.0	1.5	0.0	53.9	270.0	290.0	1.5	0.0	54.8	290.0	290.0	1.5	0.0	-1.0
250.0	292.0	1.5	0.0	52.0	270.0	292.0	1.5	0.0	55.1	290.0	292.0	1.5	0.0	-1.0
250.0	295.0	1.5	0.0	50.4	270.0	295.0	1.5	0.0	57.9	290.0	295.0	1.5	0.0	-1.0
250.0	300.0	1.5	0.0	50.9	270.0	300.0	1.5	0.0	53.1	290.0	300.0	1.5	0.0	-1.0
250.0	310.0	1.5	0.0	52.6	270.0	310.0	1.5	0.0	49.3	290.0	310.0	1.5	0.0	51.0
250.0	320.0	1.5	0.0	47.6	270.0	320.0	1.5	0.0	50.4	290.0	320.0	1.5	0.0	51.9
250.0	330.0	1.5	0.0	46.6	270.0	330.0	1.5	0.0	50.5	290.0	330.0	1.5	0.0	52.0
250.0	333.5	1.5	0.0	46.1	270.0	333.5	1.5	0.0	49.7	290.0	333.5	1.5	0.0	52.3
250.0	340.0	1.5	0.0	45.3	270.0	340.0	1.5	0.0	48.7	290.0	340.0	1.5	0.0	54.8
250.0	350.0	1.5	0.0	44.4	270.0	350.0	1.5	0.0	47.5	290.0	350.0	1.5	0.0	54.4
250.0	360.0	1.5	0.0	43.7	270.0	360.0	1.5	0.0	46.7	290.0	360.0	1.5	0.0	53.9
250.0	370.0	1.5	0.0	43.0	270.0	370.0	1.5	0.0	45.4	290.0	370.0	1.5	0.0	48.5
250.0	380.0	1.5	0.0	42.2	270.0	380.0	1.5	0.0	44.0	290.0	380.0	1.5	0.0	45.6
250.0	390.0	1.5	0.0	41.4	270.0	390.0	1.5	0.0	42.7	290.0	390.0	1.5	0.0	43.8
250.0	400.0	1.5	0.0	40.6	270.0	400.0	1.5	0.0	41.7	290.0	400.0	1.5	0.0	42.4
250.0	410.0	1.5	0.0	39.9	270.0	410.0	1.5	0.0	40.7	290.0	410.0	1.5	0.0	41.3
250.0	420.0	1.5	0.0	39.2	270.0	420.0	1.5	0.0	39.8	290.0	420.0	1.5	0.0	40.4
250.0	430.0	1.5	0.0	38.4	270.0	430.0	1.5	0.0	39.0	290.0	430.0	1.5	0.0	39.6
250.0	440.0	1.5	0.0	37.8	270.0	440.0	1.5	0.0	38.3	290.0	440.0	1.5	0.0	38.8
250.0	450.0	1.5	0.0	37.1	270.0	450.0	1.5	0.0	37.8	290.0	450.0	1.5	0.0	38.1
250.0	460.0	1.5	0.0	36.6	270.0	460.0	1.5	0.0	37.2	290.0	460.0	1.5	0.0	37.4
250.0	470.0	1.5	0.0	36.1	270.0	470.0	1.5	0.0	36.5	290.0	470.0	1.5	0.0	36.9
250.0	480.0	1.5	0.0	35.6	270.0	480.0	1.5	0.0	35.9	290.0	480.0	1.5	0.0	36.3
250.0	490.0	1.5	0.0	35.1	270.0	490.0	1.5	0.0	35.4	290.0	490.0	1.5	0.0	35.7
250.0	500.0	1.5	0.0	34.6	270.0	500.0	1.5	0.0	34.9	290.0	500.0	1.5	0.0	35.3
250.0	510.0	1.5	0.0	34.2	270.0	510.0	1.5	0.0	34.6	290.0	510.0	1.5	0.0	34.8
250.0	520.0	1.5	0.0	33.9	270.0	520.0	1.5	0.0	34.1	290.0	520.0	1.5	0.0	34.3
250.0	530.0	1.5	0.0	33.5	270.0	530.0	1.5	0.0	33.7	290.0	530.0	1.5	0.0	33.9

290.0	540.0	1.5	0.0	33.4	300.0	540.0	1.5	0.0	33.2	310.0	540.0	1.5	0.0	33.4
290.0	550.0	1.5	0.0	33.0	300.0	550.0	1.5	0.0	32.8	310.0	550.0	1.5	0.0	33.0
290.0	560.0	1.5	0.0	32.6	300.0	560.0	1.5	0.0	32.4	310.0	560.0	1.5	0.0	32.6
290.0	570.0	1.5	0.0	32.2	300.0	570.0	1.5	0.0	32.1	310.0	570.0	1.5	0.0	32.2
290.0	580.0	1.5	0.0	31.7	300.0	580.0	1.5	0.0	31.7	310.0	580.0	1.5	0.0	31.9
290.0	590.0	1.5	0.0	31.4	300.0	590.0	1.5	0.0	31.5	310.0	590.0	1.5	0.0	31.5
290.0	600.0	1.5	0.0	31.1	300.0	600.0	1.5	0.0	31.1	310.0	600.0	1.5	0.0	31.2
291.5	0.0	1.5	0.0	29.3	305.0	0.0	1.5	0.0	29.5	320.0	0.0	1.5	0.0	29.5
291.5	10.0	1.5	0.0	29.6	305.0	10.0	1.5	0.0	29.8	320.0	10.0	1.5	0.0	29.8
291.5	20.0	1.5	0.0	29.9	305.0	20.0	1.5	0.0	30.1	320.0	20.0	1.5	0.0	30.1
291.5	30.0	1.5	0.0	30.3	305.0	30.0	1.5	0.0	30.4	320.0	30.0	1.5	0.0	30.5
291.5	40.0	1.5	0.0	30.6	305.0	40.0	1.5	0.0	30.7	320.0	40.0	1.5	0.0	30.8
291.5	50.0	1.5	0.0	31.0	305.0	50.0	1.5	0.0	31.1	320.0	50.0	1.5	0.0	31.2
291.5	60.0	1.5	0.0	31.3	305.0	60.0	1.5	0.0	31.4	320.0	60.0	1.5	0.0	31.5
291.5	70.0	1.5	0.0	31.7	305.0	70.0	1.5	0.0	31.8	320.0	70.0	1.5	0.0	31.9
291.5	80.0	1.5	0.0	32.2	305.0	80.0	1.5	0.0	32.2	320.0	80.0	1.5	0.0	32.3
291.5	90.0	1.5	0.0	32.5	305.0	90.0	1.5	0.0	32.6	320.0	90.0	1.5	0.0	32.7
291.5	100.0	1.5	0.0	33.1	305.0	100.0	1.5	0.0	33.0	320.0	100.0	1.5	0.0	33.1
291.5	110.0	1.5	0.0	33.5	305.0	110.0	1.5	0.0	33.5	320.0	110.0	1.5	0.0	33.6
291.5	120.0	1.5	0.0	34.0	305.0	120.0	1.5	0.0	34.0	320.0	120.0	1.5	0.0	34.0
291.5	130.0	1.5	0.0	34.5	305.0	130.0	1.5	0.0	34.4	320.0	130.0	1.5	0.0	34.6
291.5	140.0	1.5	0.0	35.1	305.0	140.0	1.5	0.0	35.0	320.0	140.0	1.5	0.0	35.1
291.5	150.0	1.5	0.0	35.6	305.0	150.0	1.5	0.0	35.5	320.0	150.0	1.5	0.0	35.7
291.5	160.0	1.5	0.0	36.2	305.0	160.0	1.5	0.0	36.1	320.0	160.0	1.5	0.0	36.4
291.5	170.0	1.5	0.0	36.9	305.0	170.0	1.5	0.0	36.7	320.0	170.0	1.5	0.0	37.1
291.5	180.0	1.5	0.0	37.4	305.0	180.0	1.5	0.0	37.4	320.0	180.0	1.5	0.0	37.8
291.5	190.0	1.5	0.0	38.1	305.0	190.0	1.5	0.0	38.1	320.0	190.0	1.5	0.0	38.4
291.5	200.0	1.5	0.0	38.9	305.0	200.0	1.5	0.0	39.0	320.0	200.0	1.5	0.0	39.1
291.5	210.0	1.5	0.0	39.8	305.0	210.0	1.5	0.0	40.0	320.0	210.0	1.5	0.0	39.9
291.5	220.0	1.5	0.0	40.8	305.0	220.0	1.5	0.0	40.9	320.0	220.0	1.5	0.0	40.7
291.5	230.0	1.5	0.0	41.9	305.0	230.0	1.5	0.0	42.0	320.0	230.0	1.5	0.0	41.9
291.5	240.0	1.5	0.0	43.2	305.0	240.0	1.5	0.0	43.4	320.0	240.0	1.5	0.0	43.1
291.5	250.0	1.5	0.0	45.1	305.0	250.0	1.5	0.0	45.0	320.0	250.0	1.5	0.0	44.3
291.5	260.0	1.5	0.0	48.6	305.0	260.0	1.5	0.0	46.6	320.0	260.0	1.5	0.0	45.7
291.5	270.0	1.5	0.0	54.7	305.0	270.0	1.5	0.0	49.4	320.0	270.0	1.5	0.0	47.5
291.5	280.0	1.5	0.0	50.1	305.0	280.0	1.5	0.0	52.2	320.0	280.0	1.5	0.0	49.2
291.5	290.0	1.5	0.0	-1.0	305.0	290.0	1.5	0.0	-1.0	320.0	290.0	1.5	0.0	49.8
291.5	292.0	1.5	0.0	-1.0	305.0	292.0	1.5	0.0	-1.0	320.0	292.0	1.5	0.0	50.0
291.5	295.0	1.5	0.0	-1.0	305.0	295.0	1.5	0.0	-1.0	320.0	295.0	1.5	0.0	50.3
291.5	300.0	1.5	0.0	-1.0	305.0	300.0	1.5	0.0	-1.0	320.0	300.0	1.5	0.0	51.2
291.5	310.0	1.5	0.0	-1.0	305.0	310.0	1.5	0.0	53.7	320.0	310.0	1.5	0.0	58.8
291.5	320.0	1.5	0.0	52.4	305.0	320.0	1.5	0.0	54.2	320.0	320.0	1.5	0.0	54.3
291.5	330.0	1.5	0.0	51.8	305.0	330.0	1.5	0.0	58.0	320.0	330.0	1.5	0.0	52.3
291.5	333.5	1.5	0.0	51.9	305.0	333.5	1.5	0.0	55.7	320.0	333.5	1.5	0.0	52.2
291.5	340.0	1.5	0.0	53.6	305.0	340.0	1.5	0.0	52.3	320.0	340.0	1.5	0.0	52.7
291.5	350.0	1.5	0.0	56.6	305.0	350.0	1.5	0.0	51.2	320.0	350.0	1.5	0.0	61.2
291.5	360.0	1.5	0.0	52.7	305.0	360.0	1.5	0.0	52.4	320.0	360.0	1.5	0.0	54.2
291.5	370.0	1.5	0.0	48.5	305.0	370.0	1.5	0.0	48.3	320.0	370.0	1.5	0.0	47.9
291.5	380.0	1.5	0.0	45.7	305.0	380.0	1.5	0.0	45.8	320.0	380.0	1.5	0.0	45.5
291.5	390.0	1.5	0.0	43.9	305.0	390.0	1.5	0.0	44.0	320.0	390.0	1.5	0.0	43.9
291.5	400.0	1.5	0.0	42.5	305.0	400.0	1.5	0.0	42.7	320.0	400.0	1.5	0.0	42.6
291.5	410.0	1.5	0.0	41.4	305.0	410.0	1.5	0.0	41.6	320.0	410.0	1.5	0.0	41.5
291.5	420.0	1.5	0.0	40.4	305.0	420.0	1.5	0.0	40.5	320.0	420.0	1.5	0.0	40.5
291.5	430.0	1.5	0.0	39.6	305.0	430.0	1.5	0.0	39.7	320.0	430.0	1.5	0.0	39.7
291.5	440.0	1.5	0.0	38.8	305.0	440.0	1.5	0.0	38.9	320.0	440.0	1.5	0.0	38.8
291.5	450.0	1.5	0.0	38.1	305.0	450.0	1.5	0.0	38.2	320.0	450.0	1.5	0.0	37.9
291.5	460.0	1.5	0.0	37.5	305.0	460.0	1.5	0.0	37.6	320.0	460.0	1.5	0.0	37.3
291.5	470.0	1.5	0.0	36.9	305.0	470.0	1.5	0.0	37.0	320.0	470.0	1.5	0.0	36.6
291.5	480.0	1.5	0.0	36.4	305.0	480.0	1.5	0.0	36.4	320.0	480.0	1.5	0.0	36.2
291.5	490.0	1.5	0.0	35.8	305.0	490.0	1.5	0.0	35.8	320.0	490.0	1.5	0.0	35.6
291.5	500.0	1.5	0.0	35.3	305.0	500.0	1.5	0.0	35.2	320.0	500.0	1.5	0.0	35.2
291.5	510.0	1.5	0.0	34.8	305.0	510.0	1.5	0.0	34.7	320.0	510.0	1.5	0.0	34.6
291.5	520.0	1.5	0.0	34.4	305.0	520.0	1.5	0.0	34.1	320.0	520.0	1.5	0.0	34.2
291.5	530.0	1.5	0.0	33.9	305.0	530.0	1.5	0.0	33.7	320.0	530.0	1.5	0.0	33.7
291.5	540.0	1.5	0.0	33.5	305.0	540.0	1.5	0.0	33.3	320.0	540.0	1.5	0.0	33.3
291.5	550.0	1.5	0.0	33.0	305.0	550.0	1.5	0.0	32.9	320.0	550.0	1.5	0.0	32.9
291.5	560.0	1.5	0.0	32.6	305.0	560.0	1.5	0.0	32.5	320.0	560.0	1.5	0.0	32.6
291.5	570.0	1.5	0.0	32.1	305.0	570.0	1.5	0.0	32.2	320.0	570.0	1.5	0.0	32.2
291.5	580.0	1.5	0.0	31.7	305.0	580.0	1.5	0.0	31.8	320.0	580.0	1.5	0.0	31.8
291.5	590.0	1.5	0.0	31.4	305.0	590.0	1.5	0.0	31.5	320.0	590.0	1.5	0.0	31.5
291.5	600.0	1.5	0.0	31.1	305.0	600.0	1.5	0.0	31.1	320.0	600.0	1.5	0.0	31.1
300.0	0.0	1.5	0.0	29.6	310.0	0.0	1.5	0.0	29.5	330.0	0.0	1.5	0.0	29.6
300.0	10.0	1.5	0.0	29.9	310.0	10.0	1.5	0.0	29.8	330.0	10.0	1.5	0.0	29.9
300.0	20.0	1.5	0.0	30.2	310.0	20.0	1.5	0.0	30.1	330.0	20.0	1.5	0.0	30.2
300.0	30.0	1.5	0.0	30.5	310.0	30.0	1.5	0.0	30.4	330.0	30.0	1.5	0.0	30.4
300.0	40.0	1.5	0.0	30.9	310.0	40.0	1.5	0.0	30.8	330.0	40.0	1.5	0.0	30.7
300.0	50.0	1.5	0.0	31.2	310.0	50.0	1.5	0.0	31.1	330.0	50.0	1.5	0.0	31.2
300.0	60.0	1.5	0.0	31.6	310.0	60.0	1.5	0.0	31.5	330.0	60.0	1.5	0.0	31.5
300.0	70.0	1.5	0.0	32.0	310.0	70.0	1.5	0.0	31.9	330.0	70.0	1.5	0.0	32.0
300.0	80.0	1.5	0.0	32.3	310.0	80.0	1.5	0.0	32.2	330.0	80.0	1.5	0.0	32.4
300.0	90.0	1.5	0.0	32.7	310.0	90.0	1.5	0.0	32.6	330.0	90.0	1.5	0.0	32.8
300.0	100.0	1.5	0.0	33.1	310.0	100.0	1.5	0.0	33.1	330.0	100.0	1.5	0.0	33.2
300.0	110.0	1.5	0.0	33.6	310.0	110.0	1.5	0.0	33.5	330.0	110.0	1.5	0.0	33.7
300.0	120.0	1.5	0.0	34.0	310.0	120.0	1.5	0.0	34.0	330.0	120.0	1.5	0.0	34.2
300.0	130.0	1.5	0.0	34.5	310.0	130.0	1.5	0.0	34.5	330.0	130.0	1.5	0.0	34.8
300.0	140.0	1.5	0.0	34.9	310.0	140.0	1.5	0.0	35.0	330.0	140.0	1.5	0.0	35.2
300.0	150.0	1.5	0.0	35.5	310.0	150.0	1.5	0.0	35.6	330.0	150.0	1.5	0.0	35.8
300.0	160.0	1.5	0.0	36.1	310.0	160.0	1.5	0.0	36.1	330.0	160.0	1.5	0.0	36.3
300.0	170.0	1.5	0.0	36.7	310.0	170.0	1.5	0.0	36.7	330.0	170.0	1.5	0.0	36.8
300.0	180.0	1.5	0.0	37.5	310.0	180.0	1.5	0.0	37.4	330.0	180.0	1.5	0.0	37.4
300.0	190.0	1.5	0.0	38.2	310.0	190.0	1.5	0.0	38.1	330.0	190.0	1.5	0.0	38.1
300.0	200.0	1.5	0.0	38.9	310.0	200.0	1.5	0.0	39.2	330.0	200.0	1.5	0.0	39.1
300.0	210.0	1.5	0.0	39.8	310.0	210.0	1.5	0.0	40.1	330.0	210.0	1.5	0.0	39.9
300.0	220.0	1.5	0.0	40.7	310.0	220.0	1.5	0.0	41.0	330.0	220.0	1.5	0.0	40.8
300.0	230.0	1.5	0.0	41.9	310.0	230.0	1.5	0.0	42.2	330.0	230.0	1.5	0.0	41.8
300.0	240.0	1.5	0.0	43.2	310.0	240.0	1.5	0.0	43.3	330.0	240.0	1.5	0.0	42.7
300.0	250.0	1.5	0.0	44.9	310.0	250.0	1.5	0.0	44.4	330.0	250.0	1.5	0.0	43.8
300.0	260.0	1.5	0.0	47.0	310.0	260.0	1.5	0.0	46.3	330.0	260.0	1.5	0.0	45.3
300.0	270.0	1.5	0.0	49.1	310.0	270.0	1.5	0.0	49.6	330.0	270.0	1.5	0.0	46.9
300.0	280.0	1.5	0.0	50.6	310.0	280.0	1.5	0.0	54.7	330.0	280.0	1.5	0.0	50.9
300.0	290.0	1.5	0.0	-1.0	310.0	290.0	1.5	0.0	49.7	330.0	290.0	1.5	0.0	53.8
300.0	292.0	1.5	0.0	-1.0	310.0	292.0	1.5	0.0	50.0	330.0	292.0	1.5	0.0	52.5
300.0	295.0	1.5	0.0	-1.0	310.0	295.0	1.5	0.0	50.8	330.0	295.0	1.5	0.0	52.9
300.0	300.0	1.5	0.0	-1.0	310.0	300.0	1.5	0.0	-1.0	330.0	300.0	1.5	0.0	61.3
300.0	310.0	1.5	0.0	54.9	310.0	310.0	1.5	0.0	55.3	330.0	310.0	1.5	0.0	52.8
300.0	320.0	1.5	0.0	56.4	310.0	320.0	1.5	0.0	53.2	330.0	320.0	1.5	0.0	54.3
300.0	330.0	1.5	0.0	53.1	310.0	330.0	1.5	0.0	55.8	330.0	330.0	1.5	0.0	58.8
300.0	333.5	1.5	0.0	52.4	310.0	333.5	1.5	0.0	55.1	330.0	333.5	1.5	0.0	53.9
300.0	340.0	1.5	0.0	51.6	310.0	340.0	1.5	0.0	55.7	330.0	340.0	1.5	0.0	53.1
300.0	350.0	1.5	0.0	52.5	310.0	350.0	1.5	0.0	51.5	330.0	350.0	1.5	0.0	51.6
300.0	360.0	1.5	0.0	64.0	310.0	360.0	1.5	0.0	50.2	330.0	360.0	1.5	0.0	50.5
300.0	370.0	1.5	0.0	48.7	310.0	370.0	1.5	0.0	47.9	330.0	370.0	1.5	0.0	47.4
300.0	380.0	1.5	0.0	45.9	310.0	380.0	1.5	0.0	45.7	330.0	380.0	1.5	0.0	45.3
300.0	390.0	1.5	0.0	44.0	310.0	390.0	1.5	0.0	44.0	330.0	390.0	1.5	0.0	43.7
300.0	400.0	1.5	0.0	42.7	310.0	400.0	1.5	0.0	42.7	330.0	400.0	1.5	0.0	42.3
300.0	410.0	1.5	0.0	41.5	310.0	410.0	1.5	0.0	41.6	330.0	410.0	1.5	0.0	41.2
300.0	420.0	1.5	0.0	40.6	310.0	420.0	1.5	0.0	40.6	330.0	420.0	1.5	0.0	40.2
300.0	430.0	1.5	0.0	39.6	310.0	430.0	1.5	0.0	39.8	330.0	430.0	1.5	0.0	39.3
300.0	440.0	1.5	0.0	38.9	310.0	440.0	1.5	0.0	38.9	330.0	440.0	1.5	0.0	38.6
300.0	450.0	1.5	0.0	38.2	310.0	450.0	1.5	0.0	38.1	330.0	450.0	1.5	0.0	37.8
300.0	460.0	1.5	0.0	37.5	310.0	460.0	1.5	0.0	37.5	330.0	460.0	1.5	0.0	37.2
300.0	470.0	1.5	0.0	36.8	310.0	470.0	1.5	0.0	36.9	330.0	470.0	1.5	0.0	36.6
300.0	480.0	1.5	0.0	36.3	310.0	480.0	1.5	0.0	36.3	330.0	480.0	1.5	0.0	36.0
300.0	490.0	1.5	0.0	35.7	310.0	490.0	1.5	0.0	35.6	330.0	490.0	1.5	0.0	35.5
300.0	500.0	1.5	0.0	35.2	310.0	500.0	1.5	0.0	35.1	330.0	500.0	1.5	0.0	34.9
300.0	510.0	1.5	0.0	34.7	310.0	510.0	1.5	0.0	34.7	330.0	510.0	1.5	0.0	34.4
300.0	520.0	1.5	0.0	34.1	310.0	520.0	1.5	0.0	34.2	330.0	520.0	1.5	0.0	34.0
300.0	530.0	1.5	0.0	33.7	310.0	530.0	1.5	0.0	33.8	330.0	530.0	1.5	0.0	33.5

330.0	540.0	1.5	0.0	33.1	349.5	540.0	1.5	0.0	32.8	370.0	540.0	1.5	0.0	32.8
330.0	550.0	1.5	0.0	32.7	349.5	550.0	1.5	0.0	32.4	370.0	550.0	1.5	0.0	32.4
330.0	560.0	1.5	0.0	32.3	349.5	560.0	1.5	0.0	32.0	370.0	560.0	1.5	0.0	32.1
330.0	570.0	1.5	0.0	32.0	349.5	570.0	1.5	0.0	31.7	370.0	570.0	1.5	0.0	31.7
330.0	580.0	1.5	0.0	31.7	349.5	580.0	1.5	0.0	31.4	370.0	580.0	1.5	0.0	31.4
330.0	590.0	1.5	0.0	31.4	349.5	590.0	1.5	0.0	31.0	370.0	590.0	1.5	0.0	31.0
330.0	600.0	1.5	0.0	31.0	349.5	600.0	1.5	0.0	30.7	370.0	600.0	1.5	0.0	30.7
340.0	0.0	1.5	0.0	29.7	360.0	0.0	1.5	0.0	29.6	380.0	0.0	1.5	0.0	29.4
340.0	10.0	1.5	0.0	30.0	360.0	10.0	1.5	0.0	29.9	380.0	10.0	1.5	0.0	29.7
340.0	20.0	1.5	0.0	30.3	360.0	20.0	1.5	0.0	30.4	380.0	20.0	1.5	0.0	30.0
340.0	30.0	1.5	0.0	30.6	360.0	30.0	1.5	0.0	30.7	380.0	30.0	1.5	0.0	30.2
340.0	40.0	1.5	0.0	30.9	360.0	40.0	1.5	0.0	31.0	380.0	40.0	1.5	0.0	30.5
340.0	50.0	1.5	0.0	31.3	360.0	50.0	1.5	0.0	31.3	380.0	50.0	1.5	0.0	31.0
340.0	60.0	1.5	0.0	31.7	360.0	60.0	1.5	0.0	31.5	380.0	60.0	1.5	0.0	31.4
340.0	70.0	1.5	0.0	32.1	360.0	70.0	1.5	0.0	31.9	380.0	70.0	1.5	0.0	31.8
340.0	80.0	1.5	0.0	32.5	360.0	80.0	1.5	0.0	32.3	380.0	80.0	1.5	0.0	32.2
340.0	90.0	1.5	0.0	32.9	360.0	90.0	1.5	0.0	32.6	380.0	90.0	1.5	0.0	32.6
340.0	100.0	1.5	0.0	33.3	360.0	100.0	1.5	0.0	33.1	380.0	100.0	1.5	0.0	33.0
340.0	110.0	1.5	0.0	33.8	360.0	110.0	1.5	0.0	33.5	380.0	110.0	1.5	0.0	33.4
340.0	120.0	1.5	0.0	34.2	360.0	120.0	1.5	0.0	34.1	380.0	120.0	1.5	0.0	33.8
340.0	130.0	1.5	0.0	34.7	360.0	130.0	1.5	0.0	34.5	380.0	130.0	1.5	0.0	34.2
340.0	140.0	1.5	0.0	35.1	360.0	140.0	1.5	0.0	35.1	380.0	140.0	1.5	0.0	34.7
340.0	150.0	1.5	0.0	35.6	360.0	150.0	1.5	0.0	35.6	380.0	150.0	1.5	0.0	35.2
340.0	160.0	1.5	0.0	36.2	360.0	160.0	1.5	0.0	36.0	380.0	160.0	1.5	0.0	35.7
340.0	170.0	1.5	0.0	36.9	360.0	170.0	1.5	0.0	36.6	380.0	170.0	1.5	0.0	36.3
340.0	180.0	1.5	0.0	37.7	360.0	180.0	1.5	0.0	37.3	380.0	180.0	1.5	0.0	36.7
340.0	190.0	1.5	0.0	38.4	360.0	190.0	1.5	0.0	37.9	380.0	190.0	1.5	0.0	37.2
340.0	200.0	1.5	0.0	39.0	360.0	200.0	1.5	0.0	38.4	380.0	200.0	1.5	0.0	37.8
340.0	210.0	1.5	0.0	39.7	360.0	210.0	1.5	0.0	39.2	380.0	210.0	1.5	0.0	38.3
340.0	220.0	1.5	0.0	40.6	360.0	220.0	1.5	0.0	39.9	380.0	220.0	1.5	0.0	39.0
340.0	230.0	1.5	0.0	41.5	360.0	230.0	1.5	0.0	40.7	380.0	230.0	1.5	0.0	39.8
340.0	240.0	1.5	0.0	42.2	360.0	240.0	1.5	0.0	41.7	380.0	240.0	1.5	0.0	40.6
340.0	250.0	1.5	0.0	43.5	360.0	250.0	1.5	0.0	42.8	380.0	250.0	1.5	0.0	41.6
340.0	260.0	1.5	0.0	44.9	360.0	260.0	1.5	0.0	44.5	380.0	260.0	1.5	0.0	42.9
340.0	270.0	1.5	0.0	46.5	360.0	270.0	1.5	0.0	47.1	380.0	270.0	1.5	0.0	44.4
340.0	280.0	1.5	0.0	49.1	360.0	280.0	1.5	0.0	50.3	380.0	280.0	1.5	0.0	45.5
340.0	290.0	1.5	0.0	51.5	360.0	290.0	1.5	0.0	52.3	380.0	290.0	1.5	0.0	45.2
340.0	292.0	1.5	0.0	51.8	360.0	292.0	1.5	0.0	51.9	380.0	292.0	1.5	0.0	45.2
340.0	295.0	1.5	0.0	52.8	360.0	295.0	1.5	0.0	50.8	380.0	295.0	1.5	0.0	45.0
340.0	300.0	1.5	0.0	56.4	360.0	300.0	1.5	0.0	49.7	380.0	300.0	1.5	0.0	44.8
340.0	310.0	1.5	0.0	53.7	360.0	310.0	1.5	0.0	49.3	380.0	310.0	1.5	0.0	44.5
340.0	320.0	1.5	0.0	53.1	360.0	320.0	1.5	0.0	49.3	380.0	320.0	1.5	0.0	44.2
340.0	330.0	1.5	0.0	55.7	360.0	330.0	1.5	0.0	49.3	380.0	330.0	1.5	0.0	43.6
340.0	333.5	1.5	0.0	54.9	360.0	333.5	1.5	0.0	49.3	380.0	333.5	1.5	0.0	43.4
340.0	340.0	1.5	0.0	55.5	360.0	340.0	1.5	0.0	48.8	380.0	340.0	1.5	0.0	43.0
340.0	350.0	1.5	0.0	55.7	360.0	350.0	1.5	0.0	47.8	380.0	350.0	1.5	0.0	43.0
340.0	360.0	1.5	0.0	48.7	360.0	360.0	1.5	0.0	45.6	380.0	360.0	1.5	0.0	42.6
340.0	370.0	1.5	0.0	46.3	360.0	370.0	1.5	0.0	44.1	380.0	370.0	1.5	0.0	41.8
340.0	380.0	1.5	0.0	44.5	360.0	380.0	1.5	0.0	42.9	380.0	380.0	1.5	0.0	41.1
340.0	390.0	1.5	0.0	43.2	360.0	390.0	1.5	0.0	41.8	380.0	390.0	1.5	0.0	40.4
340.0	400.0	1.5	0.0	42.1	360.0	400.0	1.5	0.0	41.0	380.0	400.0	1.5	0.0	39.7
340.0	410.0	1.5	0.0	41.0	360.0	410.0	1.5	0.0	40.1	380.0	410.0	1.5	0.0	38.9
340.0	420.0	1.5	0.0	40.0	360.0	420.0	1.5	0.0	39.4	380.0	420.0	1.5	0.0	38.5
340.0	430.0	1.5	0.0	39.1	360.0	430.0	1.5	0.0	38.7	380.0	430.0	1.5	0.0	37.9
340.0	440.0	1.5	0.0	38.3	360.0	440.0	1.5	0.0	38.0	380.0	440.0	1.5	0.0	37.3
340.0	450.0	1.5	0.0	37.6	360.0	450.0	1.5	0.0	37.3	380.0	450.0	1.5	0.0	36.6
340.0	460.0	1.5	0.0	37.0	360.0	460.0	1.5	0.0	36.8	380.0	460.0	1.5	0.0	36.1
340.0	470.0	1.5	0.0	36.3	360.0	470.0	1.5	0.0	36.1	380.0	470.0	1.5	0.0	35.8
340.0	480.0	1.5	0.0	35.8	360.0	480.0	1.5	0.0	35.6	380.0	480.0	1.5	0.0	35.3
340.0	490.0	1.5	0.0	35.2	360.0	490.0	1.5	0.0	35.0	380.0	490.0	1.5	0.0	34.8
340.0	500.0	1.5	0.0	34.7	360.0	500.0	1.5	0.0	34.5	380.0	500.0	1.5	0.0	34.3
340.0	510.0	1.5	0.0	34.3	360.0	510.0	1.5	0.0	34.1	380.0	510.0	1.5	0.0	33.8
340.0	520.0	1.5	0.0	33.8	360.0	520.0	1.5	0.0	33.7	380.0	520.0	1.5	0.0	33.3
340.0	530.0	1.5	0.0	33.4	360.0	530.0	1.5	0.0	33.2	380.0	530.0	1.5	0.0	33.0
340.0	540.0	1.5	0.0	33.0	360.0	540.0	1.5	0.0	32.8	380.0	540.0	1.5	0.0	32.6
340.0	550.0	1.5	0.0	32.6	360.0	550.0	1.5	0.0	32.5	380.0	550.0	1.5	0.0	32.2
340.0	560.0	1.5	0.0	32.2	360.0	560.0	1.5	0.0	32.1	380.0	560.0	1.5	0.0	31.9
340.0	570.0	1.5	0.0	31.9	360.0	570.0	1.5	0.0	31.7	380.0	570.0	1.5	0.0	31.5
340.0	580.0	1.5	0.0	31.5	360.0	580.0	1.5	0.0	31.4	380.0	580.0	1.5	0.0	31.2
340.0	590.0	1.5	0.0	31.2	360.0	590.0	1.5	0.0	31.0	380.0	590.0	1.5	0.0	30.9
340.0	600.0	1.5	0.0	30.8	360.0	600.0	1.5	0.0	30.7	380.0	600.0	1.5	0.0	30.6
349.5	0.0	1.5	0.0	29.6	370.0	0.0	1.5	0.0	29.7	390.0	0.0	1.5	0.0	29.2
349.5	10.0	1.5	0.0	29.9	370.0	10.0	1.5	0.0	30.0	390.0	10.0	1.5	0.0	29.5
349.5	20.0	1.5	0.0	30.2	370.0	20.0	1.5	0.0	30.2	390.0	20.0	1.5	0.0	29.9
349.5	30.0	1.5	0.0	30.6	370.0	30.0	1.5	0.0	30.5	390.0	30.0	1.5	0.0	30.3
349.5	40.0	1.5	0.0	30.8	370.0	40.0	1.5	0.0	30.8	390.0	40.0	1.5	0.0	30.6
349.5	50.0	1.5	0.0	31.2	370.0	50.0	1.5	0.0	31.1	390.0	50.0	1.5	0.0	31.1
349.5	60.0	1.5	0.0	31.6	370.0	60.0	1.5	0.0	31.4	390.0	60.0	1.5	0.0	31.3
349.5	70.0	1.5	0.0	32.0	370.0	70.0	1.5	0.0	31.8	390.0	70.0	1.5	0.0	31.7
349.5	80.0	1.5	0.0	32.4	370.0	80.0	1.5	0.0	32.2	390.0	80.0	1.5	0.0	32.1
349.5	90.0	1.5	0.0	32.8	370.0	90.0	1.5	0.0	32.7	390.0	90.0	1.5	0.0	32.5
349.5	100.0	1.5	0.0	33.0	370.0	100.0	1.5	0.0	33.1	390.0	100.0	1.5	0.0	32.9
349.5	110.0	1.5	0.0	33.5	370.0	110.0	1.5	0.0	33.5	390.0	110.0	1.5	0.0	33.3
349.5	120.0	1.5	0.0	33.9	370.0	120.0	1.5	0.0	34.0	390.0	120.0	1.5	0.0	33.7
349.5	130.0	1.5	0.0	34.4	370.0	130.0	1.5	0.0	34.4	390.0	130.0	1.5	0.0	34.2
349.5	140.0	1.5	0.0	35.0	370.0	140.0	1.5	0.0	34.9	390.0	140.0	1.5	0.0	34.5
349.5	150.0	1.5	0.0	35.6	370.0	150.0	1.5	0.0	35.3	390.0	150.0	1.5	0.0	35.0
349.5	160.0	1.5	0.0	36.2	370.0	160.0	1.5	0.0	36.0	390.0	160.0	1.5	0.0	35.4
349.5	170.0	1.5	0.0	36.8	370.0	170.0	1.5	0.0	36.4	390.0	170.0	1.5	0.0	35.8
349.5	180.0	1.5	0.0	37.4	370.0	180.0	1.5	0.0	37.0	390.0	180.0	1.5	0.0	36.3
349.5	190.0	1.5	0.0	37.9	370.0	190.0	1.5	0.0	37.5	390.0	190.0	1.5	0.0	36.8
349.5	200.0	1.5	0.0	38.7	370.0	200.0	1.5	0.0	38.1	390.0	200.0	1.5	0.0	37.3
349.5	210.0	1.5	0.0	39.5	370.0	210.0	1.5	0.0	38.8	390.0	210.0	1.5	0.0	37.9
349.5	220.0	1.5	0.0	40.2	370.0	220.0	1.5	0.0	39.5	390.0	220.0	1.5	0.0	38.6
349.5	230.0	1.5	0.0	41.0	370.0	230.0	1.5	0.0	40.4	390.0	230.0	1.5	0.0	39.3
349.5	240.0	1.5	0.0	42.0	370.0	240.0	1.5	0.0	41.1	390.0	240.0	1.5	0.0	40.0
349.5	250.0	1.5	0.0	43.2	370.0	250.0	1.5	0.0	42.3	390.0	250.0	1.5	0.0	40.8
349.5	260.0	1.5	0.0	44.5	370.0	260.0	1.5	0.0	43.9	390.0	260.0	1.5	0.0	41.6
349.5	270.0	1.5	0.0	46.5	370.0	270.0	1.5	0.0	47.1	390.0	270.0	1.5	0.0	42.4
349.5	280.0	1.5	0.0	49.4	370.0	280.0	1.5	0.0	54.4	390.0	280.0	1.5	0.0	43.0
349.5	290.0	1.5	0.0	64.1	370.0	290.0	1.5	0.0	47.9	390.0	290.0	1.5	0.0	43.1
349.5	292.0	1.5	0.0	58.5	370.0	292.0	1.5	0.0	47.6	390.0	292.0	1.5	0.0	43.1
349.5	295.0	1.5	0.0	53.5	370.0	295.0	1.5	0.0	47.3	390.0	295.0	1.5	0.0	43.2
349.5	300.0	1.5	0.0	52.5	370.0	300.0	1.5	0.0	46.9	390.0	300.0	1.5	0.0	43.1
349.5	310.0	1.5	0.0	57.0	370.0	310.0	1.5	0.0	46.6	390.0	310.0	1.5	0.0	42.8
349.5	320.0	1.5	0.0	52.9	370.0	320.0	1.5	0.0	46.5	390.0	320.0	1.5	0.0	42.5
349.5	330.0	1.5	0.0	-1.0	370.0	330.0	1.5	0.0	45.6	390.0	330.0	1.5	0.0	42.1
349.5	333.5	1.5	0.0	-1.0	370.0	333.5	1.5	0.0	45.3	390.0	333.5	1.5	0.0	42.0
349.5	340.0	1.5	0.0	-1.0	370.0	340.0	1.5	0.0	45.1	390.0	340.0	1.5	0.0	41.7
349.5	350.0	1.5	0.0	50.0	370.0	350.0	1.5	0.0	45.2	390.0	350.0	1.5	0.0	41.4
349.5	360.0	1.5	0.0	46.9	370.0	360.0	1.5	0.0	43.7	390.0	360.0	1.5	0.0	41.3
349.5	370.0	1.5	0.0	45.1	370.0	370.0	1.5	0.0	43.0	390.0	370.0	1.5	0.0	40.8
349.5	380.0	1.5	0.0	43.6	370.0	380.0	1.5	0.0	42.0	390.0	380.0	1.5	0.0	40.1
349.5	390.0	1.5	0.0	42.3	370.0	390.0	1.5	0.0	41.2	390.0	390.0	1.5	0.0	39.7
349.5	400.0	1.5	0.0	41.3	370.0	400.0	1.5	0.0	40.5	390.0	400.0	1.5	0.0	39.1
349.5	410.0	1.5	0.0	40.4	370.0	410.0	1.5	0.0	39.6	390.0	410.0	1.5	0.0	38.5
349.5	420.0	1.5	0.0	39.6	370.0	420.0	1.5	0.0	38.8	390.0	420.0	1.5	0.0	37.8
349.5	430.0	1.5	0.0	38.8	370.0	430.0	1.5	0.0	38.2	390.0	430.0	1.5	0.0	37.4
349.5	440.0	1.5	0.0	38.0	370.0	440.0	1.5	0.0	37.7	390.0	440.0	1.5	0.0	36.9
349.5	450.0	1.5	0.0	37.3	370.0	450.0	1.5	0.0	37.1	390.0	450.0	1.5	0.0	36.4
349.5	460.0	1.5	0.0	36.6	370.0	460.0	1.5	0.0	36.5	390.0	460.0	1.5	0.0	35.9
349.5	470.0	1.5	0.0	36.1	370.0	470.0	1.5	0.0	36.0	390.0	470.0	1.5	0.0	35.4
349.5	480.0	1.5	0.0	35.6	370.0	480.0	1.5	0.0	35.4	390.0	480.0	1.5	0.0	35.0
349.5	490.0	1.5	0.0	35.0	370.0	490.0	1.5	0.0	34.9	390.0	490.0	1.5	0.0	34.7
349.5	500.0	1.5	0.0	34.6	370.0	500.0	1.5	0.0	34.4	390.0	500.0	1.5	0.0	34.2
349.5	510.0	1.5	0.0	34.1	370.0	510.0	1.5	0.0	34.0	390.0	510.0	1.5	0.0	33.7
349.5	520.0	1.5	0.0	33.7	370.0	520.0	1.5	0.0	33.5	390.0	520.0	1.5	0.0	33.3
349.5	530.0	1.5	0.0	33.2	370.0	530.0	1.5	0.0	33.2	390.0	530.0	1.5	0.0	32.8

390.0	540.0	1.5	0.0	32.3	410.0	540.0	1.5	0.0	32.3	430.0	540.0	1.5	0.0	31.7
390.0	550.0	1.5	0.0	32.1	410.0	550.0	1.5	0.0	32.0	430.0	550.0	1.5	0.0	31.4
390.0	560.0	1.5	0.0	31.8	410.0	560.0	1.5	0.0	31.5	430.0	560.0	1.5	0.0	31.3
390.0	570.0	1.5	0.0	31.4	410.0	570.0	1.5	0.0	31.3	430.0	570.0	1.5	0.0	31.0
390.0	580.0	1.5	0.0	31.1	410.0	580.0	1.5	0.0	30.8	430.0	580.0	1.5	0.0	30.7
390.0	590.0	1.5	0.0	30.8	410.0	590.0	1.5	0.0	30.3	430.0	590.0	1.5	0.0	30.4
390.0	600.0	1.5	0.0	30.5	410.0	600.0	1.5	0.0	30.1	430.0	600.0	1.5	0.0	30.1
400.0	0.0	1.5	0.0	29.4	420.0	0.0	1.5	0.0	29.4	440.0	0.0	1.5	0.0	29.1
400.0	10.0	1.5	0.0	29.6	420.0	10.0	1.5	0.0	29.7	440.0	10.0	1.5	0.0	29.5
400.0	20.0	1.5	0.0	29.9	420.0	20.0	1.5	0.0	30.0	440.0	20.0	1.5	0.0	29.7
400.0	30.0	1.5	0.0	30.2	420.0	30.0	1.5	0.0	30.3	440.0	30.0	1.5	0.0	29.8
400.0	40.0	1.5	0.0	30.5	420.0	40.0	1.5	0.0	30.5	440.0	40.0	1.5	0.0	30.2
400.0	50.0	1.5	0.0	31.0	420.0	50.0	1.5	0.0	30.8	440.0	50.0	1.5	0.0	30.5
400.0	60.0	1.5	0.0	31.4	420.0	60.0	1.5	0.0	31.0	440.0	60.0	1.5	0.0	30.8
400.0	70.0	1.5	0.0	31.8	420.0	70.0	1.5	0.0	31.3	440.0	70.0	1.5	0.0	31.0
400.0	80.0	1.5	0.0	32.1	420.0	80.0	1.5	0.0	31.8	440.0	80.0	1.5	0.0	31.4
400.0	90.0	1.5	0.0	32.5	420.0	90.0	1.5	0.0	32.1	440.0	90.0	1.5	0.0	31.7
400.0	100.0	1.5	0.0	32.8	420.0	100.0	1.5	0.0	32.3	440.0	100.0	1.5	0.0	31.9
400.0	110.0	1.5	0.0	33.1	420.0	110.0	1.5	0.0	32.7	440.0	110.0	1.5	0.0	32.3
400.0	120.0	1.5	0.0	33.6	420.0	120.0	1.5	0.0	33.0	440.0	120.0	1.5	0.0	32.8
400.0	130.0	1.5	0.0	33.9	420.0	130.0	1.5	0.0	33.3	440.0	130.0	1.5	0.0	32.9
400.0	140.0	1.5	0.0	34.3	420.0	140.0	1.5	0.0	33.8	440.0	140.0	1.5	0.0	33.2
400.0	150.0	1.5	0.0	34.6	420.0	150.0	1.5	0.0	34.1	440.0	150.0	1.5	0.0	33.5
400.0	160.0	1.5	0.0	35.0	420.0	160.0	1.5	0.0	34.6	440.0	160.0	1.5	0.0	33.8
400.0	170.0	1.5	0.0	35.4	420.0	170.0	1.5	0.0	35.1	440.0	170.0	1.5	0.0	34.1
400.0	180.0	1.5	0.0	35.9	420.0	180.0	1.5	0.0	35.3	440.0	180.0	1.5	0.0	34.6
400.0	190.0	1.5	0.0	36.4	420.0	190.0	1.5	0.0	35.7	440.0	190.0	1.5	0.0	35.1
400.0	200.0	1.5	0.0	37.1	420.0	200.0	1.5	0.0	36.2	440.0	200.0	1.5	0.0	35.2
400.0	210.0	1.5	0.0	37.6	420.0	210.0	1.5	0.0	36.5	440.0	210.0	1.5	0.0	35.6
400.0	220.0	1.5	0.0	38.0	420.0	220.0	1.5	0.0	37.0	440.0	220.0	1.5	0.0	35.9
400.0	230.0	1.5	0.0	38.7	420.0	230.0	1.5	0.0	37.4	440.0	230.0	1.5	0.0	36.1
400.0	240.0	1.5	0.0	39.2	420.0	240.0	1.5	0.0	37.9	440.0	240.0	1.5	0.0	36.6
400.0	250.0	1.5	0.0	39.9	420.0	250.0	1.5	0.0	38.1	440.0	250.0	1.5	0.0	36.8
400.0	260.0	1.5	0.0	40.4	420.0	260.0	1.5	0.0	38.5	440.0	260.0	1.5	0.0	36.8
400.0	270.0	1.5	0.0	41.0	420.0	270.0	1.5	0.0	38.8	440.0	270.0	1.5	0.0	37.2
400.0	280.0	1.5	0.0	41.4	420.0	280.0	1.5	0.0	39.1	440.0	280.0	1.5	0.0	37.3
400.0	290.0	1.5	0.0	41.6	420.0	290.0	1.5	0.0	39.4	440.0	290.0	1.5	0.0	37.5
400.0	292.0	1.5	0.0	41.7	420.0	292.0	1.5	0.0	39.4	440.0	292.0	1.5	0.0	37.4
400.0	295.0	1.5	0.0	41.7	420.0	295.0	1.5	0.0	39.3	440.0	295.0	1.5	0.0	37.6
400.0	300.0	1.5	0.0	41.6	420.0	300.0	1.5	0.0	39.3	440.0	300.0	1.5	0.0	37.5
400.0	310.0	1.5	0.0	41.5	420.0	310.0	1.5	0.0	39.3	440.0	310.0	1.5	0.0	37.5
400.0	320.0	1.5	0.0	41.2	420.0	320.0	1.5	0.0	39.2	440.0	320.0	1.5	0.0	37.4
400.0	330.0	1.5	0.0	40.8	420.0	330.0	1.5	0.0	39.0	440.0	330.0	1.5	0.0	37.2
400.0	333.5	1.5	0.0	40.8	420.0	333.5	1.5	0.0	38.9	440.0	333.5	1.5	0.0	37.3
400.0	340.0	1.5	0.0	40.5	420.0	340.0	1.5	0.0	38.5	440.0	340.0	1.5	0.0	37.1
400.0	350.0	1.5	0.0	40.3	420.0	350.0	1.5	0.0	38.5	440.0	350.0	1.5	0.0	36.8
400.0	360.0	1.5	0.0	40.0	420.0	360.0	1.5	0.0	38.2	440.0	360.0	1.5	0.0	36.8
400.0	370.0	1.5	0.0	39.8	420.0	370.0	1.5	0.0	37.8	440.0	370.0	1.5	0.0	36.5
400.0	380.0	1.5	0.0	39.1	420.0	380.0	1.5	0.0	37.8	440.0	380.0	1.5	0.0	36.3
400.0	390.0	1.5	0.0	38.8	420.0	390.0	1.5	0.0	37.5	440.0	390.0	1.5	0.0	36.0
400.0	400.0	1.5	0.0	38.5	420.0	400.0	1.5	0.0	37.0	440.0	400.0	1.5	0.0	36.0
400.0	410.0	1.5	0.0	38.0	420.0	410.0	1.5	0.0	36.6	440.0	410.0	1.5	0.0	35.4
400.0	420.0	1.5	0.0	37.4	420.0	420.0	1.5	0.0	36.5	440.0	420.0	1.5	0.0	35.4
400.0	430.0	1.5	0.0	36.9	420.0	430.0	1.5	0.0	36.1	440.0	430.0	1.5	0.0	34.9
400.0	440.0	1.5	0.0	36.3	420.0	440.0	1.5	0.0	35.6	440.0	440.0	1.5	0.0	34.8
400.0	450.0	1.5	0.0	36.0	420.0	450.0	1.5	0.0	35.3	440.0	450.0	1.5	0.0	34.6
400.0	460.0	1.5	0.0	35.5	420.0	460.0	1.5	0.0	34.8	440.0	460.0	1.5	0.0	34.1
400.0	470.0	1.5	0.0	35.0	420.0	470.0	1.5	0.0	34.4	440.0	470.0	1.5	0.0	33.9
400.0	480.0	1.5	0.0	34.7	420.0	480.0	1.5	0.0	34.2	440.0	480.0	1.5	0.0	33.5
400.0	490.0	1.5	0.0	34.3	420.0	490.0	1.5	0.0	33.7	440.0	490.0	1.5	0.0	33.1
400.0	500.0	1.5	0.0	34.0	420.0	500.0	1.5	0.0	33.4	440.0	500.0	1.5	0.0	32.8
400.0	510.0	1.5	0.0	33.7	420.0	510.0	1.5	0.0	32.9	440.0	510.0	1.5	0.0	32.6
400.0	520.0	1.5	0.0	33.3	420.0	520.0	1.5	0.0	32.6	440.0	520.0	1.5	0.0	32.2
400.0	530.0	1.5	0.0	32.7	420.0	530.0	1.5	0.0	32.2	440.0	530.0	1.5	0.0	31.9
400.0	540.0	1.5	0.0	32.3	420.0	540.0	1.5	0.0	32.2	440.0	540.0	1.5	0.0	31.5
400.0	550.0	1.5	0.0	31.9	420.0	550.0	1.5	0.0	31.8	440.0	550.0	1.5	0.0	31.2
400.0	560.0	1.5	0.0	31.5	420.0	560.0	1.5	0.0	31.5	440.0	560.0	1.5	0.0	30.9
400.0	570.0	1.5	0.0	31.2	420.0	570.0	1.5	0.0	31.1	440.0	570.0	1.5	0.0	30.6
400.0	580.0	1.5	0.0	30.9	420.0	580.0	1.5	0.0	30.7	440.0	580.0	1.5	0.0	30.5
400.0	590.0	1.5	0.0	30.7	420.0	590.0	1.5	0.0	30.5	440.0	590.0	1.5	0.0	30.2
400.0	600.0	1.5	0.0	30.4	420.0	600.0	1.5	0.0	30.1	440.0	600.0	1.5	0.0	30.0
410.0	0.0	1.5	0.0	29.3	430.0	0.0	1.5	0.0	29.3	450.0	0.0	1.5	0.0	29.0
410.0	10.0	1.5	0.0	29.7	430.0	10.0	1.5	0.0	29.5	450.0	10.0	1.5	0.0	29.1
410.0	20.0	1.5	0.0	30.0	430.0	20.0	1.5	0.0	29.8	450.0	20.0	1.5	0.0	29.5
410.0	30.0	1.5	0.0	30.4	430.0	30.0	1.5	0.0	30.1	450.0	30.0	1.5	0.0	29.8
410.0	40.0	1.5	0.0	30.7	430.0	40.0	1.5	0.0	30.3	450.0	40.0	1.5	0.0	30.1
410.0	50.0	1.5	0.0	31.0	430.0	50.0	1.5	0.0	30.6	450.0	50.0	1.5	0.0	30.3
410.0	60.0	1.5	0.0	31.3	430.0	60.0	1.5	0.0	30.9	450.0	60.0	1.5	0.0	30.7
410.0	70.0	1.5	0.0	31.6	430.0	70.0	1.5	0.0	31.3	450.0	70.0	1.5	0.0	30.9
410.0	80.0	1.5	0.0	31.9	430.0	80.0	1.5	0.0	31.5	450.0	80.0	1.5	0.0	31.3
410.0	90.0	1.5	0.0	32.1	430.0	90.0	1.5	0.0	31.9	450.0	90.0	1.5	0.0	31.5
410.0	100.0	1.5	0.0	32.6	430.0	100.0	1.5	0.0	32.3	450.0	100.0	1.5	0.0	31.9
410.0	110.0	1.5	0.0	32.9	430.0	110.0	1.5	0.0	32.4	450.0	110.0	1.5	0.0	32.2
410.0	120.0	1.5	0.0	33.3	430.0	120.0	1.5	0.0	32.8	450.0	120.0	1.5	0.0	32.3
410.0	130.0	1.5	0.0	33.7	430.0	130.0	1.5	0.0	33.3	450.0	130.0	1.5	0.0	32.7
410.0	140.0	1.5	0.0	33.9	430.0	140.0	1.5	0.0	33.6	450.0	140.0	1.5	0.0	32.9
410.0	150.0	1.5	0.0	34.4	430.0	150.0	1.5	0.0	33.9	450.0	150.0	1.5	0.0	33.1
410.0	160.0	1.5	0.0	34.7	430.0	160.0	1.5	0.0	34.3	450.0	160.0	1.5	0.0	33.5
410.0	170.0	1.5	0.0	35.2	430.0	170.0	1.5	0.0	34.6	450.0	170.0	1.5	0.0	33.8
410.0	180.0	1.5	0.0	35.6	430.0	180.0	1.5	0.0	34.9	450.0	180.0	1.5	0.0	34.3
410.0	190.0	1.5	0.0	36.3	430.0	190.0	1.5	0.0	35.3	450.0	190.0	1.5	0.0	34.4
410.0	200.0	1.5	0.0	36.6	430.0	200.0	1.5	0.0	35.7	450.0	200.0	1.5	0.0	34.8
410.0	210.0	1.5	0.0	37.2	430.0	210.0	1.5	0.0	36.1	450.0	210.0	1.5	0.0	35.1
410.0	220.0	1.5	0.0	37.6	430.0	220.0	1.5	0.0	36.4	450.0	220.0	1.5	0.0	35.3
410.0	230.0	1.5	0.0	38.0	430.0	230.0	1.5	0.0	36.8	450.0	230.0	1.5	0.0	35.7
410.0	240.0	1.5	0.0	38.5	430.0	240.0	1.5	0.0	37.2	450.0	240.0	1.5	0.0	35.8
410.0	250.0	1.5	0.0	39.1	430.0	250.0	1.5	0.0	37.5	450.0	250.0	1.5	0.0	36.0
410.0	260.0	1.5	0.0	39.5	430.0	260.0	1.5	0.0	37.7	450.0	260.0	1.5	0.0	36.2
410.0	270.0	1.5	0.0	39.8	430.0	270.0	1.5	0.0	37.9	450.0	270.0	1.5	0.0	36.4
410.0	280.0	1.5	0.0	40.1	430.0	280.0	1.5	0.0	38.1	450.0	280.0	1.5	0.0	36.6
410.0	290.0	1.5	0.0	40.3	430.0	290.0	1.5	0.0	38.5	450.0	290.0	1.5	0.0	36.9
410.0	292.0	1.5	0.0	40.5	430.0	292.0	1.5	0.0	38.4	450.0	292.0	1.5	0.0	36.8
410.0	295.0	1.5	0.0	40.5	430.0	295.0	1.5	0.0	38.3	450.0	295.0	1.5	0.0	36.8
410.0	300.0	1.5	0.0	40.4	430.0	300.0	1.5	0.0	38.4	450.0	300.0	1.5	0.0	36.8
410.0	310.0	1.5	0.0	40.2	430.0	310.0	1.5	0.0	38.6	450.0	310.0	1.5	0.0	36.7
410.0	320.0	1.5	0.0	40.2	430.0	320.0	1.5	0.0	38.3	450.0	320.0	1.5	0.0	36.7
410.0	330.0	1.5	0.0	39.9	430.0	330.0	1.5	0.0	38.1	450.0	330.0	1.5	0.0	36.5
410.0	333.5	1.5	0.0	39.8	430.0	333.5	1.5	0.0	38.1	450.0	333.5	1.5	0.0	36.5
410.0	340.0	1.5	0.0	39.5	430.0	340.0	1.5	0.0	37.7	450.0	340.0	1.5	0.0	36.5
410.0	350.0	1.5	0.0	39.3	430.0	350.0	1.5	0.0	37.7	450.0	350.0	1.5	0.0	36.2
410.0	360.0	1.5	0.0	39.1	430.0	360.0	1.5	0.0	37.6	450.0	360.0	1.5	0.0	36.0
410.0	370.0	1.5	0.0	38.8	430.0	370.0	1.5	0.0	37.2	450.0	370.0	1.5	0.0	35.9
410.0	380.0	1.5	0.0	38.5	430.0	380.0	1.5	0.0	36.9	450.0	380.0	1.5	0.0	35.6
410.0	390.0	1.5	0.0	37.9	430.0	390.0	1.5	0.0	36.8	450.0	390.0	1.5	0.0	35.5
410.0	400.0	1.5	0.0	37.6	430.0	400.0	1.5	0.0	36.5	450.0	400.0	1.5	0.0	35.4
410.0	410.0	1.5	0.0	37.4	430.0	410.0	1.5	0.0	36.1	450.0	410.0	1.5	0.0	35.1
410.0	420.0	1.5	0.0	37.0	430.0	420.0	1.5	0.0	35.7	450.0	420.0	1.5	0.0	34.6
410.0	430.0	1.5	0.0	36.5	430.0	430.0	1.5	0.0	35.6	450.0	430.0	1.5	0.0	34.6
410.0	440.0	1.5	0.0	36.1	430.0	440.0	1.5	0.0	35.3	450.0	440.0	1.5	0.0	34.2
410.0	450.0	1.5	0.0	35.6	430.0	450.0	1.5	0.0	34.8	450.0	450.0	1.5	0.0	34.1
410.0	460.0	1.5	0.0	35.1	430.0	460.0	1.5	0.0	34.6	450.0	460.0	1.5	0.0	33.9
410.0	470.0	1.5	0.0	34.8	430.0	470.0	1.5	0.0	34.1	450.0	470.0	1.5	0.0	33.5
410.0	480.0	1.5	0.0	34.4	430.0	480.0	1.5	0.0	33.7	450.0	480.0	1.5	0.0	33.3
410.0	490.0	1.5	0.0	33.9	430.0	490.0	1.5	0.0	33.4	450.0	490.0	1.5	0.0	33.0
410.0	500.0	1.5	0.0	33.5	430.0	500.0	1.5	0.0	33.1	450.0	500.0	1.5	0.0	32.5
410.0	510.0	1.5	0.0	33.2	430.0	510.0	1.5	0.0	32.8	450.0	510.0	1.5	0.0	32.2
410.0	520.0	1.5	0.0	33.0	430.0	520.0	1.5	0.0	32.4	450.0	520.0	1.5	0.0	31.8
410.0	530.0	1.5	0.0	32.7	430.0	530.0	1.5	0.0	32.0	450.0	530.0	1.5	0.0	31.8

450.0	540.0	1.5	0.0	31.4	470.0	540.0	1.5	0.0	30.8	490.0	540.0	1.5	0.0	30.6
450.0	550.0	1.5	0.0	31.1	470.0	550.0	1.5	0.0	30.5	490.0	550.0	1.5	0.0	30.2
450.0	560.0	1.5	0.0	30.7	470.0	560.0	1.5	0.0	30.6	490.0	560.0	1.5	0.0	30.0
450.0	570.0	1.5	0.0	30.4	470.0	570.0	1.5	0.0	30.2	490.0	570.0	1.5	0.0	29.7
450.0	580.0	1.5	0.0	30.2	470.0	580.0	1.5	0.0	30.0	490.0	580.0	1.5	0.0	29.4
450.0	590.0	1.5	0.0	29.9	470.0	590.0	1.5	0.0	29.7	490.0	590.0	1.5	0.0	29.2
450.0	600.0	1.5	0.0	29.7	470.0	600.0	1.5	0.0	29.4	490.0	600.0	1.5	0.0	29.2
460.0	0.0	1.5	0.0	28.9	480.0	0.0	1.5	0.0	28.7	500.0	0.0	1.5	0.0	28.4
460.0	10.0	1.5	0.0	29.1	480.0	10.0	1.5	0.0	28.9	500.0	10.0	1.5	0.0	28.7
460.0	20.0	1.5	0.0	29.5	480.0	20.0	1.5	0.0	29.3	500.0	20.0	1.5	0.0	28.8
460.0	30.0	1.5	0.0	29.6	480.0	30.0	1.5	0.0	29.6	500.0	30.0	1.5	0.0	29.0
460.0	40.0	1.5	0.0	29.9	480.0	40.0	1.5	0.0	29.8	500.0	40.0	1.5	0.0	29.3
460.0	50.0	1.5	0.0	30.2	480.0	50.0	1.5	0.0	29.8	500.0	50.0	1.5	0.0	29.6
460.0	60.0	1.5	0.0	30.6	480.0	60.0	1.5	0.0	30.1	500.0	60.0	1.5	0.0	29.7
460.0	70.0	1.5	0.0	30.8	480.0	70.0	1.5	0.0	30.4	500.0	70.0	1.5	0.0	29.9
460.0	80.0	1.5	0.0	31.1	480.0	80.0	1.5	0.0	30.5	500.0	80.0	1.5	0.0	30.0
460.0	90.0	1.5	0.0	31.3	480.0	90.0	1.5	0.0	30.8	500.0	90.0	1.5	0.0	30.3
460.0	100.0	1.5	0.0	31.6	480.0	100.0	1.5	0.0	31.1	500.0	100.0	1.5	0.0	30.4
460.0	110.0	1.5	0.0	31.8	480.0	110.0	1.5	0.0	31.3	500.0	110.0	1.5	0.0	30.6
460.0	120.0	1.5	0.0	32.1	480.0	120.0	1.5	0.0	31.4	500.0	120.0	1.5	0.0	31.0
460.0	130.0	1.5	0.0	32.4	480.0	130.0	1.5	0.0	31.6	500.0	130.0	1.5	0.0	31.2
460.0	140.0	1.5	0.0	32.5	480.0	140.0	1.5	0.0	32.1	500.0	140.0	1.5	0.0	31.4
460.0	150.0	1.5	0.0	32.9	480.0	150.0	1.5	0.0	32.3	500.0	150.0	1.5	0.0	31.8
460.0	160.0	1.5	0.0	33.2	480.0	160.0	1.5	0.0	32.6	500.0	160.0	1.5	0.0	31.7
460.0	170.0	1.5	0.0	33.5	480.0	170.0	1.5	0.0	32.8	500.0	170.0	1.5	0.0	32.0
460.0	180.0	1.5	0.0	33.9	480.0	180.0	1.5	0.0	33.0	500.0	180.0	1.5	0.0	32.3
460.0	190.0	1.5	0.0	34.1	480.0	190.0	1.5	0.0	33.2	500.0	190.0	1.5	0.0	32.5
460.0	200.0	1.5	0.0	34.4	480.0	200.0	1.5	0.0	33.4	500.0	200.0	1.5	0.0	32.7
460.0	210.0	1.5	0.0	34.5	480.0	210.0	1.5	0.0	33.7	500.0	210.0	1.5	0.0	32.9
460.0	220.0	1.5	0.0	34.9	480.0	220.0	1.5	0.0	33.9	500.0	220.0	1.5	0.0	33.0
460.0	230.0	1.5	0.0	35.1	480.0	230.0	1.5	0.0	34.0	500.0	230.0	1.5	0.0	33.1
460.0	240.0	1.5	0.0	35.3	480.0	240.0	1.5	0.0	34.2	500.0	240.0	1.5	0.0	33.2
460.0	250.0	1.5	0.0	35.4	480.0	250.0	1.5	0.0	34.2	500.0	250.0	1.5	0.0	33.2
460.0	260.0	1.5	0.0	35.7	480.0	260.0	1.5	0.0	34.3	500.0	260.0	1.5	0.0	33.4
460.0	270.0	1.5	0.0	35.6	480.0	270.0	1.5	0.0	34.6	500.0	270.0	1.5	0.0	33.5
460.0	280.0	1.5	0.0	35.9	480.0	280.0	1.5	0.0	34.9	500.0	280.0	1.5	0.0	33.8
460.0	290.0	1.5	0.0	36.1	480.0	290.0	1.5	0.0	34.8	500.0	290.0	1.5	0.0	33.7
460.0	292.0	1.5	0.0	36.1	480.0	292.0	1.5	0.0	34.9	500.0	292.0	1.5	0.0	34.0
460.0	295.0	1.5	0.0	36.1	480.0	295.0	1.5	0.0	35.0	500.0	295.0	1.5	0.0	34.1
460.0	300.0	1.5	0.0	36.3	480.0	300.0	1.5	0.0	35.2	500.0	300.0	1.5	0.0	33.7
460.0	310.0	1.5	0.0	36.0	480.0	310.0	1.5	0.0	34.8	500.0	310.0	1.5	0.0	33.6
460.0	320.0	1.5	0.0	36.1	480.0	320.0	1.5	0.0	34.7	500.0	320.0	1.5	0.0	33.7
460.0	330.0	1.5	0.0	35.8	480.0	330.0	1.5	0.0	34.7	500.0	330.0	1.5	0.0	33.6
460.0	333.5	1.5	0.0	35.8	480.0	333.5	1.5	0.0	34.5	500.0	333.5	1.5	0.0	33.5
460.0	340.0	1.5	0.0	35.8	480.0	340.0	1.5	0.0	34.6	500.0	340.0	1.5	0.0	33.5
460.0	350.0	1.5	0.0	35.6	480.0	350.0	1.5	0.0	34.5	500.0	350.0	1.5	0.0	33.7
460.0	360.0	1.5	0.0	35.5	480.0	360.0	1.5	0.0	34.4	500.0	360.0	1.5	0.0	33.4
460.0	370.0	1.5	0.0	35.4	480.0	370.0	1.5	0.0	34.3	500.0	370.0	1.5	0.0	33.2
460.0	380.0	1.5	0.0	35.1	480.0	380.0	1.5	0.0	34.2	500.0	380.0	1.5	0.0	33.2
460.0	390.0	1.5	0.0	35.0	480.0	390.0	1.5	0.0	33.9	500.0	390.0	1.5	0.0	33.1
460.0	400.0	1.5	0.0	34.7	480.0	400.0	1.5	0.0	33.8	500.0	400.0	1.5	0.0	32.8
460.0	410.0	1.5	0.0	34.5	480.0	410.0	1.5	0.0	33.5	500.0	410.0	1.5	0.0	32.7
460.0	420.0	1.5	0.0	34.3	480.0	420.0	1.5	0.0	33.4	500.0	420.0	1.5	0.0	32.5
460.0	430.0	1.5	0.0	33.9	480.0	430.0	1.5	0.0	33.3	500.0	430.0	1.5	0.0	32.4
460.0	440.0	1.5	0.0	33.8	480.0	440.0	1.5	0.0	32.8	500.0	440.0	1.5	0.0	32.3
460.0	450.0	1.5	0.0	33.5	480.0	450.0	1.5	0.0	32.7	500.0	450.0	1.5	0.0	32.0
460.0	460.0	1.5	0.0	33.4	480.0	460.0	1.5	0.0	32.5	500.0	460.0	1.5	0.0	31.6
460.0	470.0	1.5	0.0	33.2	480.0	470.0	1.5	0.0	32.4	500.0	470.0	1.5	0.0	31.6
460.0	480.0	1.5	0.0	32.9	480.0	480.0	1.5	0.0	32.2	500.0	480.0	1.5	0.0	31.4
460.0	490.0	1.5	0.0	32.6	480.0	490.0	1.5	0.0	32.1	500.0	490.0	1.5	0.0	31.3
460.0	500.0	1.5	0.0	32.4	480.0	500.0	1.5	0.0	31.8	500.0	500.0	1.5	0.0	31.1
460.0	510.0	1.5	0.0	31.9	480.0	510.0	1.5	0.0	31.4	500.0	510.0	1.5	0.0	31.0
460.0	520.0	1.5	0.0	31.6	480.0	520.0	1.5	0.0	31.3	500.0	520.0	1.5	0.0	30.7
460.0	530.0	1.5	0.0	31.3	480.0	530.0	1.5	0.0	31.0	500.0	530.0	1.5	0.0	30.4
460.0	540.0	1.5	0.0	31.0	480.0	540.0	1.5	0.0	30.7	500.0	540.0	1.5	0.0	30.4
460.0	550.0	1.5	0.0	30.9	480.0	550.0	1.5	0.0	30.4	500.0	550.0	1.5	0.0	30.1
460.0	560.0	1.5	0.0	30.7	480.0	560.0	1.5	0.0	30.1	500.0	560.0	1.5	0.0	29.8
460.0	570.0	1.5	0.0	30.3	480.0	570.0	1.5	0.0	29.9	500.0	570.0	1.5	0.0	29.6
460.0	580.0	1.5	0.0	30.0	480.0	580.0	1.5	0.0	29.8	500.0	580.0	1.5	0.0	29.3
460.0	590.0	1.5	0.0	29.8	480.0	590.0	1.5	0.0	29.6	500.0	590.0	1.5	0.0	29.1
460.0	600.0	1.5	0.0	29.5	480.0	600.0	1.5	0.0	29.3	500.0	600.0	1.5	0.0	28.8
470.0	0.0	1.5	0.0	28.8	490.0	0.0	1.5	0.0	28.7	510.0	0.0	1.5	0.0	28.4
470.0	10.0	1.5	0.0	29.1	490.0	10.0	1.5	0.0	28.9	510.0	10.0	1.5	0.0	28.4
470.0	20.0	1.5	0.0	29.3	490.0	20.0	1.5	0.0	29.1	510.0	20.0	1.5	0.0	28.7
470.0	30.0	1.5	0.0	29.7	490.0	30.0	1.5	0.0	29.2	510.0	30.0	1.5	0.0	28.9
470.0	40.0	1.5	0.0	29.8	490.0	40.0	1.5	0.0	29.4	510.0	40.0	1.5	0.0	29.2
470.0	50.0	1.5	0.0	30.2	490.0	50.0	1.5	0.0	29.7	510.0	50.0	1.5	0.0	29.2
470.0	60.0	1.5	0.0	30.4	490.0	60.0	1.5	0.0	30.0	510.0	60.0	1.5	0.0	29.5
470.0	70.0	1.5	0.0	30.5	490.0	70.0	1.5	0.0	30.1	510.0	70.0	1.5	0.0	29.6
470.0	80.0	1.5	0.0	30.8	490.0	80.0	1.5	0.0	30.4	510.0	80.0	1.5	0.0	29.8
470.0	90.0	1.5	0.0	31.1	490.0	90.0	1.5	0.0	30.4	510.0	90.0	1.5	0.0	29.9
470.0	100.0	1.5	0.0	31.3	490.0	100.0	1.5	0.0	30.8	510.0	100.0	1.5	0.0	30.2
470.0	110.0	1.5	0.0	31.6	490.0	110.0	1.5	0.0	30.8	510.0	110.0	1.5	0.0	30.5
470.0	120.0	1.5	0.0	31.8	490.0	120.0	1.5	0.0	31.1	510.0	120.0	1.5	0.0	30.8
470.0	130.0	1.5	0.0	31.9	490.0	130.0	1.5	0.0	31.5	510.0	130.0	1.5	0.0	30.9
470.0	140.0	1.5	0.0	32.1	490.0	140.0	1.5	0.0	31.7	510.0	140.0	1.5	0.0	31.2
470.0	150.0	1.5	0.0	32.7	490.0	150.0	1.5	0.0	32.0	510.0	150.0	1.5	0.0	31.2
470.0	160.0	1.5	0.0	32.8	490.0	160.0	1.5	0.0	32.4	510.0	160.0	1.5	0.0	31.5
470.0	170.0	1.5	0.0	33.3	490.0	170.0	1.5	0.0	32.4	510.0	170.0	1.5	0.0	31.8
470.0	180.0	1.5	0.0	33.3	490.0	180.0	1.5	0.0	32.6	510.0	180.0	1.5	0.0	31.9
470.0	190.0	1.5	0.0	33.8	490.0	190.0	1.5	0.0	32.8	510.0	190.0	1.5	0.0	32.0
470.0	200.0	1.5	0.0	33.8	490.0	200.0	1.5	0.0	33.1	510.0	200.0	1.5	0.0	32.3
470.0	210.0	1.5	0.0	34.1	490.0	210.0	1.5	0.0	33.3	510.0	210.0	1.5	0.0	32.3
470.0	220.0	1.5	0.0	34.4	490.0	220.0	1.5	0.0	33.3	510.0	220.0	1.5	0.0	32.5
470.0	230.0	1.5	0.0	34.5	490.0	230.0	1.5	0.0	33.6	510.0	230.0	1.5	0.0	32.6
470.0	240.0	1.5	0.0	34.7	490.0	240.0	1.5	0.0	33.6	510.0	240.0	1.5	0.0	32.7
470.0	250.0	1.5	0.0	34.8	490.0	250.0	1.5	0.0	33.8	510.0	250.0	1.5	0.0	32.9
470.0	260.0	1.5	0.0	35.0	490.0	260.0	1.5	0.0	33.9	510.0	260.0	1.5	0.0	33.0
470.0	270.0	1.5	0.0	35.2	490.0	270.0	1.5	0.0	34.0	510.0	270.0	1.5	0.0	33.1
470.0	280.0	1.5	0.0	35.2	490.0	280.0	1.5	0.0	34.5	510.0	280.0	1.5	0.0	33.3
470.0	290.0	1.5	0.0	35.3	490.0	290.0	1.5	0.0	34.2	510.0	290.0	1.5	0.0	33.4
470.0	292.0	1.5	0.0	35.4	490.0	292.0	1.5	0.0	34.3	510.0	292.0	1.5	0.0	33.5
470.0	295.0	1.5	0.0	35.5	490.0	295.0	1.5	0.0	34.5	510.0	295.0	1.5	0.0	33.6
470.0	300.0	1.5	0.0	35.6	490.0	300.0	1.5	0.0	34.3	510.0	300.0	1.5	0.0	33.2
470.0	310.0	1.5	0.0	35.4	490.0	310.0	1.5	0.0	34.2	510.0	310.0	1.5	0.0	33.3
470.0	320.0	1.5	0.0	35.4	490.0	320.0	1.5	0.0	34.2	510.0	320.0	1.5	0.0	33.2
470.0	330.0	1.5	0.0	35.2	490.0	330.0	1.5	0.0	34.1	510.0	330.0	1.5	0.0	33.1
470.0	333.5	1.5	0.0	35.2	490.0	333.5	1.5	0.0	34.0	510.0	333.5	1.5	0.0	33.0
470.0	340.0	1.5	0.0	35.2	490.0	340.0	1.5	0.0	34.0	510.0	340.0	1.5	0.0	33.0
470.0	350.0	1.5	0.0	35.0	490.0	350.0	1.5	0.0	34.2	510.0	350.0	1.5	0.0	33.2
470.0	360.0	1.5	0.0	34.9	490.0	360.0	1.5	0.0	33.9	510.0	360.0	1.5	0.0	33.0
470.0	370.0	1.5	0.0	34.8	490.0	370.0	1.5	0.0	33.6	510.0	370.0	1.5	0.0	32.7
470.0	380.0	1.5	0.0	34.6	490.0	380.0	1.5	0.0	33.7	510.0	380.0	1.5	0.0	32.7
470.0	390.0	1.5	0.0	34.3	490.0	390.0	1.5	0.0	33.5	510.0	390.0	1.5	0.0	32.7
470.0	400.0	1.5	0.0	34.2	490.0	400.0	1.5	0.0	33.3	510.0	400.0	1.5	0.0	32.5
470.0	410.0	1.5	0.0	34.1	490.0	410.0	1.5	0.0	33.1	510.0	410.0	1.5	0.0	32.3
470.0	420.0	1.5	0.0	33.9	490.0	420.0	1.5	0.0	33.1	510.0	420.0	1.5	0.0	32.2
470.0	430.0	1.5	0.0	33.5	490.0	430.0	1.5	0.0	32.7	510.0	430.0	1.5	0.0	32.0
470.0	440.0	1.5	0.0	33.3	490.0	440.0	1.5	0.0	32.5	510.0	440.0	1.5	0.0	31.8
470.0	450.0	1.5	0.0	33.1	490.0	450.0	1.5	0.0	32.2	510.0	450.0	1.5	0.0	31.7
470.0	460.0	1.5	0.0	32.9	490.0	460.0	1.5	0.0	32.1	510.0	460.0	1.5	0.0	31.3
470.0	470.0	1.5	0.0	32.8	490.0	470.0	1.5	0.0	31.9	510.0	470.0	1.5	0.0	31.2
470.0	480.0	1.5	0.0	32.6	490.0	480.0	1.5	0.0	31.8	510.0	480.0	1.5	0.0	31.1
470.0	490.0	1.5	0.0	32.3	490.0	490.0	1.5	0.0	31.7	510.0	490.0	1.5	0.0	31.0
470.0	500.0	1.5	0.0	32.0	490.0	500.0	1.5	0.0	31.5	510.0	500.0	1.5	0.0	30.8
470.0	510.0	1.5	0.0	31.8	490.0	510.0	1.5	0.0	31.2	510.0	510.0	1.5	0.0	30.6
470.0	520.0	1.5	0.0	31.5	490.0	520.0	1.5	0.0	30.9	510.0	520.0	1.5	0.0	30.5
470.0	530.0	1.5	0.0	31.2	490.0	530.0	1.5	0.0	30.8	510.0	530.0	1.5	0.0	30.3

510.0	540.0	1.5	0.0	30.0	530.0	540.0	1.5	0.0	29.6	550.0	540.0	1.5	0.0	29.0
510.0	550.0	1.5	0.0	29.9	530.0	550.0	1.5	0.0	29.4	550.0	550.0	1.5	0.0	28.9
510.0	560.0	1.5	0.0	29.7	530.0	560.0	1.5	0.0	29.1	550.0	560.0	1.5	0.0	28.8
510.0	570.0	1.5	0.0	29.5	530.0	570.0	1.5	0.0	29.0	550.0	570.0	1.5	0.0	28.6
510.0	580.0	1.5	0.0	29.2	530.0	580.0	1.5	0.0	28.9	550.0	580.0	1.5	0.0	28.4
510.0	590.0	1.5	0.0	28.9	530.0	590.0	1.5	0.0	28.7	550.0	590.0	1.5	0.0	28.2
510.0	600.0	1.5	0.0	28.7	530.0	600.0	1.5	0.0	28.4	550.0	600.0	1.5	0.0	28.1
520.0	0.0	1.5	0.0	28.1	540.0	0.0	1.5	0.0	27.7	560.0	0.0	1.5	0.0	27.3
520.0	10.0	1.5	0.0	28.3	540.0	10.0	1.5	0.0	27.9	560.0	10.0	1.5	0.0	27.5
520.0	20.0	1.5	0.0	28.5	540.0	20.0	1.5	0.0	28.1	560.0	20.0	1.5	0.0	27.7
520.0	30.0	1.5	0.0	28.7	540.0	30.0	1.5	0.0	28.2	560.0	30.0	1.5	0.0	27.8
520.0	40.0	1.5	0.0	28.8	540.0	40.0	1.5	0.0	28.4	560.0	40.0	1.5	0.0	27.9
520.0	50.0	1.5	0.0	29.1	540.0	50.0	1.5	0.0	28.6	560.0	50.0	1.5	0.0	28.0
520.0	60.0	1.5	0.0	29.1	540.0	60.0	1.5	0.0	28.6	560.0	60.0	1.5	0.0	28.3
520.0	70.0	1.5	0.0	29.5	540.0	70.0	1.5	0.0	28.8	560.0	70.0	1.5	0.0	28.5
520.0	80.0	1.5	0.0	29.5	540.0	80.0	1.5	0.0	29.0	560.0	80.0	1.5	0.0	28.7
520.0	90.0	1.5	0.0	29.7	540.0	90.0	1.5	0.0	29.4	560.0	90.0	1.5	0.0	28.8
520.0	100.0	1.5	0.0	30.1	540.0	100.0	1.5	0.0	29.5	560.0	100.0	1.5	0.0	28.9
520.0	110.0	1.5	0.0	30.3	540.0	110.0	1.5	0.0	29.8	560.0	110.0	1.5	0.0	29.2
520.0	120.0	1.5	0.0	30.4	540.0	120.0	1.5	0.0	29.9	560.0	120.0	1.5	0.0	29.4
520.0	130.0	1.5	0.0	30.7	540.0	130.0	1.5	0.0	30.1	560.0	130.0	1.5	0.0	29.6
520.0	140.0	1.5	0.0	30.9	540.0	140.0	1.5	0.0	30.3	560.0	140.0	1.5	0.0	29.7
520.0	150.0	1.5	0.0	30.8	540.0	150.0	1.5	0.0	30.5	560.0	150.0	1.5	0.0	29.8
520.0	160.0	1.5	0.0	31.3	540.0	160.0	1.5	0.0	30.5	560.0	160.0	1.5	0.0	29.9
520.0	170.0	1.5	0.0	31.4	540.0	170.0	1.5	0.0	30.7	560.0	170.0	1.5	0.0	30.1
520.0	180.0	1.5	0.0	31.5	540.0	180.0	1.5	0.0	30.9	560.0	180.0	1.5	0.0	30.2
520.0	190.0	1.5	0.0	31.7	540.0	190.0	1.5	0.0	31.0	560.0	190.0	1.5	0.0	30.3
520.0	200.0	1.5	0.0	31.9	540.0	200.0	1.5	0.0	31.1	560.0	200.0	1.5	0.0	30.5
520.0	210.0	1.5	0.0	32.0	540.0	210.0	1.5	0.0	31.3	560.0	210.0	1.5	0.0	30.5
520.0	220.0	1.5	0.0	32.1	540.0	220.0	1.5	0.0	31.2	560.0	220.0	1.5	0.0	30.5
520.0	230.0	1.5	0.0	32.1	540.0	230.0	1.5	0.0	31.3	560.0	230.0	1.5	0.0	30.8
520.0	240.0	1.5	0.0	32.3	540.0	240.0	1.5	0.0	31.6	560.0	240.0	1.5	0.0	30.8
520.0	250.0	1.5	0.0	32.5	540.0	250.0	1.5	0.0	31.5	560.0	250.0	1.5	0.0	30.7
520.0	260.0	1.5	0.0	32.4	540.0	260.0	1.5	0.0	31.7	560.0	260.0	1.5	0.0	31.1
520.0	270.0	1.5	0.0	32.7	540.0	270.0	1.5	0.0	31.8	560.0	270.0	1.5	0.0	31.2
520.0	280.0	1.5	0.0	32.9	540.0	280.0	1.5	0.0	32.1	560.0	280.0	1.5	0.0	31.2
520.0	290.0	1.5	0.0	33.0	540.0	290.0	1.5	0.0	32.2	560.0	290.0	1.5	0.0	31.1
520.0	292.0	1.5	0.0	33.1	540.0	292.0	1.5	0.0	32.0	560.0	292.0	1.5	0.0	31.2
520.0	295.0	1.5	0.0	32.7	540.0	295.0	1.5	0.0	31.9	560.0	295.0	1.5	0.0	31.0
520.0	300.0	1.5	0.0	32.7	540.0	300.0	1.5	0.0	31.8	560.0	300.0	1.5	0.0	31.0
520.0	310.0	1.5	0.0	32.8	540.0	310.0	1.5	0.0	31.9	560.0	310.0	1.5	0.0	31.1
520.0	320.0	1.5	0.0	32.8	540.0	320.0	1.5	0.0	31.9	560.0	320.0	1.5	0.0	31.1
520.0	330.0	1.5	0.0	32.6	540.0	330.0	1.5	0.0	31.7	560.0	330.0	1.5	0.0	30.8
520.0	333.5	1.5	0.0	32.6	540.0	333.5	1.5	0.0	31.7	560.0	333.5	1.5	0.0	30.9
520.0	340.0	1.5	0.0	32.5	540.0	340.0	1.5	0.0	31.7	560.0	340.0	1.5	0.0	30.9
520.0	350.0	1.5	0.0	32.8	540.0	350.0	1.5	0.0	31.8	560.0	350.0	1.5	0.0	31.0
520.0	360.0	1.5	0.0	32.5	540.0	360.0	1.5	0.0	31.8	560.0	360.0	1.5	0.0	31.1
520.0	370.0	1.5	0.0	32.4	540.0	370.0	1.5	0.0	31.6	560.0	370.0	1.5	0.0	30.9
520.0	380.0	1.5	0.0	32.3	540.0	380.0	1.5	0.0	31.4	560.0	380.0	1.5	0.0	30.7
520.0	390.0	1.5	0.0	32.2	540.0	390.0	1.5	0.0	31.4	560.0	390.0	1.5	0.0	30.7
520.0	400.0	1.5	0.0	32.0	540.0	400.0	1.5	0.0	31.2	560.0	400.0	1.5	0.0	30.5
520.0	410.0	1.5	0.0	31.8	540.0	410.0	1.5	0.0	31.2	560.0	410.0	1.5	0.0	30.3
520.0	420.0	1.5	0.0	31.8	540.0	420.0	1.5	0.0	30.9	560.0	420.0	1.5	0.0	30.4
520.0	430.0	1.5	0.0	31.5	540.0	430.0	1.5	0.0	30.9	560.0	430.0	1.5	0.0	30.3
520.0	440.0	1.5	0.0	31.6	540.0	440.0	1.5	0.0	30.7	560.0	440.0	1.5	0.0	30.1
520.0	450.0	1.5	0.0	31.3	540.0	450.0	1.5	0.0	30.7	560.0	450.0	1.5	0.0	30.0
520.0	460.0	1.5	0.0	31.1	540.0	460.0	1.5	0.0	30.4	560.0	460.0	1.5	0.0	29.9
520.0	470.0	1.5	0.0	30.8	540.0	470.0	1.5	0.0	30.4	560.0	470.0	1.5	0.0	29.7
520.0	480.0	1.5	0.0	30.7	540.0	480.0	1.5	0.0	30.0	560.0	480.0	1.5	0.0	29.7
520.0	490.0	1.5	0.0	30.5	540.0	490.0	1.5	0.0	29.9	560.0	490.0	1.5	0.0	29.4
520.0	500.0	1.5	0.0	30.5	540.0	500.0	1.5	0.0	29.7	560.0	500.0	1.5	0.0	29.1
520.0	510.0	1.5	0.0	30.3	540.0	510.0	1.5	0.0	29.6	560.0	510.0	1.5	0.0	29.1
520.0	520.0	1.5	0.0	30.2	540.0	520.0	1.5	0.0	29.5	560.0	520.0	1.5	0.0	29.0
520.0	530.0	1.5	0.0	30.0	540.0	530.0	1.5	0.0	29.5	560.0	530.0	1.5	0.0	28.8
520.0	540.0	1.5	0.0	29.8	540.0	540.0	1.5	0.0	29.3	560.0	540.0	1.5	0.0	28.7
520.0	550.0	1.5	0.0	29.5	540.0	550.0	1.5	0.0	29.2	560.0	550.0	1.5	0.0	28.6
520.0	560.0	1.5	0.0	29.4	540.0	560.0	1.5	0.0	29.0	560.0	560.0	1.5	0.0	28.5
520.0	570.0	1.5	0.0	29.3	540.0	570.0	1.5	0.0	28.7	560.0	570.0	1.5	0.0	28.4
520.0	580.0	1.5	0.0	29.0	540.0	580.0	1.5	0.0	28.6	560.0	580.0	1.5	0.0	28.3
520.0	590.0	1.5	0.0	28.8	540.0	590.0	1.5	0.0	28.5	560.0	590.0	1.5	0.0	28.1
520.0	600.0	1.5	0.0	28.5	540.0	600.0	1.5	0.0	28.3	560.0	600.0	1.5	0.0	27.8
530.0	0.0	1.5	0.0	27.9	550.0	0.0	1.5	0.0	27.6	570.0	0.0	1.5	0.0	27.1
530.0	10.0	1.5	0.0	28.1	550.0	10.0	1.5	0.0	27.6	570.0	10.0	1.5	0.0	27.4
530.0	20.0	1.5	0.0	28.3	550.0	20.0	1.5	0.0	27.7	570.0	20.0	1.5	0.0	27.4
530.0	30.0	1.5	0.0	28.4	550.0	30.0	1.5	0.0	28.1	570.0	30.0	1.5	0.0	27.6
530.0	40.0	1.5	0.0	28.7	550.0	40.0	1.5	0.0	28.3	570.0	40.0	1.5	0.0	27.7
530.0	50.0	1.5	0.0	28.7	550.0	50.0	1.5	0.0	28.3	570.0	50.0	1.5	0.0	27.9
530.0	60.0	1.5	0.0	29.1	550.0	60.0	1.5	0.0	28.4	570.0	60.0	1.5	0.0	28.2
530.0	70.0	1.5	0.0	29.1	550.0	70.0	1.5	0.0	28.7	570.0	70.0	1.5	0.0	28.3
530.0	80.0	1.5	0.0	29.2	550.0	80.0	1.5	0.0	29.0	570.0	80.0	1.5	0.0	28.4
530.0	90.0	1.5	0.0	29.5	550.0	90.0	1.5	0.0	29.1	570.0	90.0	1.5	0.0	28.5
530.0	100.0	1.5	0.0	29.8	550.0	100.0	1.5	0.0	29.2	570.0	100.0	1.5	0.0	28.8
530.0	110.0	1.5	0.0	30.0	550.0	110.0	1.5	0.0	29.4	570.0	110.0	1.5	0.0	29.1
530.0	120.0	1.5	0.0	30.2	550.0	120.0	1.5	0.0	29.7	570.0	120.0	1.5	0.0	29.1
530.0	130.0	1.5	0.0	30.4	550.0	130.0	1.5	0.0	29.7	570.0	130.0	1.5	0.0	29.3
530.0	140.0	1.5	0.0	30.3	550.0	140.0	1.5	0.0	30.0	570.0	140.0	1.5	0.0	29.4
530.0	150.0	1.5	0.0	30.8	550.0	150.0	1.5	0.0	30.2	570.0	150.0	1.5	0.0	29.5
530.0	160.0	1.5	0.0	31.0	550.0	160.0	1.5	0.0	30.2	570.0	160.0	1.5	0.0	29.6
530.0	170.0	1.5	0.0	30.9	550.0	170.0	1.5	0.0	30.3	570.0	170.0	1.5	0.0	29.8
530.0	180.0	1.5	0.0	31.1	550.0	180.0	1.5	0.0	30.6	570.0	180.0	1.5	0.0	29.7
530.0	190.0	1.5	0.0	31.4	550.0	190.0	1.5	0.0	30.5	570.0	190.0	1.5	0.0	30.1
530.0	200.0	1.5	0.0	31.3	550.0	200.0	1.5	0.0	30.8	570.0	200.0	1.5	0.0	30.0
530.0	210.0	1.5	0.0	31.7	550.0	210.0	1.5	0.0	30.8	570.0	210.0	1.5	0.0	30.0
530.0	220.0	1.5	0.0	31.6	550.0	220.0	1.5	0.0	30.8	570.0	220.0	1.5	0.0	30.2
530.0	230.0	1.5	0.0	31.8	550.0	230.0	1.5	0.0	31.0	570.0	230.0	1.5	0.0	30.4
530.0	240.0	1.5	0.0	31.9	550.0	240.0	1.5	0.0	31.2	570.0	240.0	1.5	0.0	30.3
530.0	250.0	1.5	0.0	32.0	550.0	250.0	1.5	0.0	31.1	570.0	250.0	1.5	0.0	30.5
530.0	260.0	1.5	0.0	32.0	550.0	260.0	1.5	0.0	31.5	570.0	260.0	1.5	0.0	30.6
530.0	270.0	1.5	0.0	32.3	550.0	270.0	1.5	0.0	31.5	570.0	270.0	1.5	0.0	30.9
530.0	280.0	1.5	0.0	32.4	550.0	280.0	1.5	0.0	31.7	570.0	280.0	1.5	0.0	30.8
530.0	290.0	1.5	0.0	32.7	550.0	290.0	1.5	0.0	31.5	570.0	290.0	1.5	0.0	30.8
530.0	292.0	1.5	0.0	32.6	550.0	292.0	1.5	0.0	31.5	570.0	292.0	1.5	0.0	30.7
530.0	295.0	1.5	0.0	32.3	550.0	295.0	1.5	0.0	31.4	570.0	295.0	1.5	0.0	30.6
530.0	300.0	1.5	0.0	32.2	550.0	300.0	1.5	0.0	31.3	570.0	300.0	1.5	0.0	30.7
530.0	310.0	1.5	0.0	32.4	550.0	310.0	1.5	0.0	31.4	570.0	310.0	1.5	0.0	30.7
530.0	320.0	1.5	0.0	32.3	550.0	320.0	1.5	0.0	31.5	570.0	320.0	1.5	0.0	30.7
530.0	330.0	1.5	0.0	32.2	550.0	330.0	1.5	0.0	31.3	570.0	330.0	1.5	0.0	30.4
530.0	333.5	1.5	0.0	32.1	550.0	333.5	1.5	0.0	31.2	570.0	333.5	1.5	0.0	30.6
530.0	340.0	1.5	0.0	32.1	550.0	340.0	1.5	0.0	31.3	570.0	340.0	1.5	0.0	30.6
530.0	350.0	1.5	0.0	32.2	550.0	350.0	1.5	0.0	31.3	570.0	350.0	1.5	0.0	30.5
530.0	360.0	1.5	0.0	32.1	550.0	360.0	1.5	0.0	31.6	570.0	360.0	1.5	0.0	30.7
530.0	370.0	1.5	0.0	32.0	550.0	370.0	1.5	0.0	31.3	570.0	370.0	1.5	0.0	30.6
530.0	380.0	1.5	0.0	31.9	550.0	380.0	1.5	0.0	31.0	570.0	380.0	1.5	0.0	30.3
530.0	390.0	1.5	0.0	31.6	550.0	390.0	1.5	0.0	31.1	570.0	390.0	1.5	0.0	30.4
530.0	400.0	1.5	0.0	31.6	550.0	400.0	1.5	0.0	31.0	570.0	400.0	1.5	0.0	30.0
530.0	410.0	1.5	0.0	31.5	550.0	410.0	1.5	0.0	30.7	570.0	410.0	1.5	0.0	30.1
530.0	420.0	1.5	0.0	31.4	550.0	420.0	1.5	0.0	30.6	570.0	420.0	1.5	0.0	30.0
530.0	430.0	1.5	0.0	31.2	550.0	430.0	1.5	0.0	30.6	570.0	430.0	1.5	0.0	29.8
530.0	440.0	1.5	0.0	31.0	550.0	440.0	1.5	0.0	30.3	570.0	440.0	1.5	0.0	29.8
530.0	450.0	1.5	0.0	30.9	550.0	450.0	1.5	0.0	30.2	570.0	450.0	1.5	0.0	29.6
530.0	460.0	1.5	0.0	30.8	550.0	460.0	1.5	0.0	30.2	570.0	460.0	1.5	0.0	29.5
530.0	470.0	1.5	0.0	30.6	550.0	470.0	1.5	0.0	30.0	570.0	470.0	1.5	0.0	29.5
530.0	480.0	1.5	0.0	30.3	550.0	480.0	1.5	0.0	29.8	570.0	480.0	1.5	0.0	29.2
530.0	490.0	1.5	0.0	30.2	550.0	490.0	1.5	0.0	29.6	570.0	490.0	1.5	0.0	29.2
530.0	500.0	1.5	0.0	30.1	550.0	500.0	1.5	0.0	29.5	570.0	500.0	1.5	0.0	29.0
530.0	510.0	1.5	0.0	30.0	550.0	510.0	1.5	0.0	29.4	570.0	510.0	1.5	0.0	28.7
530.0	520.0	1.5	0.0	29.8	550.0	520.0	1.5	0.0	29.2	570.0	520.0	1.5	0.0	28.6
530.0	530.0	1.5	0.0	29.7	550.0	530.0	1.5	0.0	29.1	570.0	530.0	1.5	0.0	28.6

570.0	540.0	1.5	0.0	28.4	580.0	570.0	1.5	0.0	27.9	590.0	600.0	1.5	0.0	27.3
570.0	550.0	1.5	0.0	28.3	580.0	580.0	1.5	0.0	27.8	600.0	0.0	1.5	0.0	26.6
570.0	560.0	1.5	0.0	28.3	580.0	590.0	1.5	0.0	27.6	600.0	10.0	1.5	0.0	26.6
570.0	570.0	1.5	0.0	28.1	580.0	600.0	1.5	0.0	27.5	600.0	20.0	1.5	0.0	26.8
570.0	580.0	1.5	0.0	28.0	590.0	0.0	1.5	0.0	26.7	600.0	30.0	1.5	0.0	27.0
570.0	590.0	1.5	0.0	27.9	590.0	10.0	1.5	0.0	26.9	600.0	40.0	1.5	0.0	27.3
570.0	600.0	1.5	0.0	27.7	590.0	20.0	1.5	0.0	27.0	600.0	50.0	1.5	0.0	27.2
580.0	0.0	1.5	0.0	27.1	590.0	30.0	1.5	0.0	27.2	600.0	60.0	1.5	0.0	27.4
580.0	10.0	1.5	0.0	27.0	590.0	40.0	1.5	0.0	27.3	600.0	70.0	1.5	0.0	27.6
580.0	20.0	1.5	0.0	27.2	590.0	50.0	1.5	0.0	27.7	600.0	80.0	1.5	0.0	27.8
580.0	30.0	1.5	0.0	27.2	590.0	60.0	1.5	0.0	27.6	600.0	90.0	1.5	0.0	28.1
580.0	40.0	1.5	0.0	27.5	590.0	70.0	1.5	0.0	27.7	600.0	100.0	1.5	0.0	28.1
580.0	50.0	1.5	0.0	27.8	590.0	80.0	1.5	0.0	27.9	600.0	110.0	1.5	0.0	28.2
580.0	60.0	1.5	0.0	28.0	590.0	90.0	1.5	0.0	28.2	600.0	120.0	1.5	0.0	28.4
580.0	70.0	1.5	0.0	28.0	590.0	100.0	1.5	0.0	28.3	600.0	130.0	1.5	0.0	28.4
580.0	80.0	1.5	0.0	28.1	590.0	110.0	1.5	0.0	28.5	600.0	140.0	1.5	0.0	28.5
580.0	90.0	1.5	0.0	28.4	590.0	120.0	1.5	0.0	28.6	600.0	150.0	1.5	0.0	28.7
580.0	100.0	1.5	0.0	28.7	590.0	130.0	1.5	0.0	28.7	600.0	160.0	1.5	0.0	28.8
580.0	110.0	1.5	0.0	28.7	590.0	140.0	1.5	0.0	28.8	600.0	170.0	1.5	0.0	28.8
580.0	120.0	1.5	0.0	28.9	590.0	150.0	1.5	0.0	28.9	600.0	180.0	1.5	0.0	29.0
580.0	130.0	1.5	0.0	29.0	590.0	160.0	1.5	0.0	29.1	600.0	190.0	1.5	0.0	29.1
580.0	140.0	1.5	0.0	29.1	590.0	170.0	1.5	0.0	29.1	600.0	200.0	1.5	0.0	28.9
580.0	150.0	1.5	0.0	29.2	590.0	180.0	1.5	0.0	29.3	600.0	210.0	1.5	0.0	29.2
580.0	160.0	1.5	0.0	29.4	590.0	190.0	1.5	0.0	29.3	600.0	220.0	1.5	0.0	29.4
580.0	170.0	1.5	0.0	29.5	590.0	200.0	1.5	0.0	29.3	600.0	230.0	1.5	0.0	29.3
580.0	180.0	1.5	0.0	29.5	590.0	210.0	1.5	0.0	29.5	600.0	240.0	1.5	0.0	29.5
580.0	190.0	1.5	0.0	29.8	590.0	220.0	1.5	0.0	29.7	600.0	250.0	1.5	0.0	29.6
580.0	200.0	1.5	0.0	29.7	590.0	230.0	1.5	0.0	29.6	600.0	260.0	1.5	0.0	29.6
580.0	210.0	1.5	0.0	29.6	590.0	240.0	1.5	0.0	29.7	600.0	270.0	1.5	0.0	29.9
580.0	220.0	1.5	0.0	29.9	590.0	250.0	1.5	0.0	29.9	600.0	280.0	1.5	0.0	29.7
580.0	230.0	1.5	0.0	30.0	590.0	260.0	1.5	0.0	29.9	600.0	290.0	1.5	0.0	29.7
580.0	240.0	1.5	0.0	30.0	590.0	270.0	1.5	0.0	30.4	600.0	292.0	1.5	0.0	29.7
580.0	250.0	1.5	0.0	30.2	590.0	280.0	1.5	0.0	30.3	600.0	295.0	1.5	0.0	29.6
580.0	260.0	1.5	0.0	30.2	590.0	290.0	1.5	0.0	30.0	600.0	300.0	1.5	0.0	29.6
580.0	270.0	1.5	0.0	30.6	590.0	292.0	1.5	0.0	30.0	600.0	310.0	1.5	0.0	29.6
580.0	280.0	1.5	0.0	30.7	590.0	295.0	1.5	0.0	29.9	600.0	320.0	1.5	0.0	29.8
580.0	290.0	1.5	0.0	30.4	590.0	300.0	1.5	0.0	29.9	600.0	330.0	1.5	0.0	29.4
580.0	292.0	1.5	0.0	30.4	590.0	310.0	1.5	0.0	30.0	600.0	333.5	1.5	0.0	29.3
580.0	295.0	1.5	0.0	30.3	590.0	320.0	1.5	0.0	30.1	600.0	340.0	1.5	0.0	29.5
580.0	300.0	1.5	0.0	30.3	590.0	330.0	1.5	0.0	29.7	600.0	350.0	1.5	0.0	29.5
580.0	310.0	1.5	0.0	30.3	590.0	333.5	1.5	0.0	29.7	600.0	360.0	1.5	0.0	29.5
580.0	320.0	1.5	0.0	30.5	590.0	340.0	1.5	0.0	29.8	600.0	370.0	1.5	0.0	29.7
580.0	330.0	1.5	0.0	30.1	590.0	350.0	1.5	0.0	29.8	600.0	380.0	1.5	0.0	29.5
580.0	333.5	1.5	0.0	30.2	590.0	360.0	1.5	0.0	29.9	600.0	390.0	1.5	0.0	29.3
580.0	340.0	1.5	0.0	30.2	590.0	370.0	1.5	0.0	29.9	600.0	400.0	1.5	0.0	29.3
580.0	350.0	1.5	0.0	30.2	590.0	380.0	1.5	0.0	29.9	600.0	410.0	1.5	0.0	29.1
580.0	360.0	1.5	0.0	30.3	590.0	390.0	1.5	0.0	29.6	600.0	420.0	1.5	0.0	29.1
580.0	370.0	1.5	0.0	30.2	590.0	400.0	1.5	0.0	29.6	600.0	430.0	1.5	0.0	29.0
580.0	380.0	1.5	0.0	30.2	590.0	410.0	1.5	0.0	29.6	600.0	440.0	1.5	0.0	28.9
580.0	390.0	1.5	0.0	29.9	590.0	420.0	1.5	0.0	29.3	600.0	450.0	1.5	0.0	28.9
580.0	400.0	1.5	0.0	29.9	590.0	430.0	1.5	0.0	29.4	600.0	460.0	1.5	0.0	28.7
580.0	410.0	1.5	0.0	29.8	590.0	440.0	1.5	0.0	29.1	600.0	470.0	1.5	0.0	28.5
580.0	420.0	1.5	0.0	29.6	590.0	450.0	1.5	0.0	29.1	600.0	480.0	1.5	0.0	28.6
580.0	430.0	1.5	0.0	29.7	590.0	460.0	1.5	0.0	28.9	600.0	490.0	1.5	0.0	28.4
580.0	440.0	1.5	0.0	29.6	590.0	470.0	1.5	0.0	28.8	600.0	500.0	1.5	0.0	28.3
580.0	450.0	1.5	0.0	29.3	590.0	480.0	1.5	0.0	28.8	600.0	510.0	1.5	0.0	28.2
580.0	460.0	1.5	0.0	29.2	590.0	490.0	1.5	0.0	28.6	600.0	520.0	1.5	0.0	28.0
580.0	470.0	1.5	0.0	29.3	590.0	500.0	1.5	0.0	28.6	600.0	530.0	1.5	0.0	27.7
580.0	480.0	1.5	0.0	29.0	590.0	510.0	1.5	0.0	28.3	600.0	540.0	1.5	0.0	27.7
580.0	490.0	1.5	0.0	28.9	590.0	520.0	1.5	0.0	28.1	600.0	550.0	1.5	0.0	27.5
580.0	500.0	1.5	0.0	28.7	590.0	530.0	1.5	0.0	28.0	600.0	560.0	1.5	0.0	27.4
580.0	510.0	1.5	0.0	28.5	590.0	540.0	1.5	0.0	27.9	600.0	570.0	1.5	0.0	27.3
580.0	520.0	1.5	0.0	28.4	590.0	550.0	1.5	0.0	27.7	600.0	580.0	1.5	0.0	27.2
580.0	530.0	1.5	0.0	28.2	590.0	560.0	1.5	0.0	27.7	600.0	590.0	1.5	0.0	27.2
580.0	540.0	1.5	0.0	28.1	590.0	570.0	1.5	0.0	27.6	600.0	600.0	1.5	0.0	27.1
580.0	550.0	1.5	0.0	28.1	590.0	580.0	1.5	0.0	27.5					
580.0	560.0	1.5	0.0	28.0	590.0	590.0	1.5	0.0	27.4					

Załącznik 3

Wyniki obliczeń propagacji hałasu – dzień

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows : Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

S p e c y f i k a c j a e l e m e n t ó w :

Lp.	Nr el.	Symbol	Opis:
	Źródła wszechkierunkowe		
1	1	H1	Pojazdy
2	2	H2	Pojazdy
3	3	H3	Pojazdy
4	4	H4	Pojazdy
5	5	H5	Pojazdy
6	6	H6	Pojazdy
7	7	H7	Pojazdy
8	8	H8	Pojazdy
9	9	H9	Pojazdy
10	10	H10	Pojazdy
11	11	H11	Pojazdy
12	12	H12	Pojazdy
13	13	H13	Pojazdy
14	14	H14	Pojazdy
15	15	H15	Pojazdy
16	16	H16	Pojazdy
17	17	H17	Pojazdy
18	18	H18	Pojazdy
19	19	H19	Pojazdy
20	20	H20	Pojazdy
21	21	H21	Pojazdy
22	22	H22	Pojazdy
23	23	H23	Pojazdy
24	24	H24	Pojazdy
25	25	H25	Pojazdy
26	26	H26	Pojazdy
27	27	H27	Pojazdy
28	28	H28	Pojazdy
29	29	H29	Pojazdy
30	30	H30	Pojazdy
31	31	H31	Pojazdy
32	32	H32	Pojazdy
33	33	H33	Pojazdy
34	34	H34	Pojazdy
35	35	H35	Pojazdy
36	36	H36	Pojazdy
37	37	H37	Pojazdy
38	38	H38	Pojazdy
	Źródła - budynki		
39	1	B1a	Budynek administracyjno - techniczny
40	2	B1b	Budynek administracyjno - techniczny
41	3	B1c	Budynek administracyjno - techniczny
42	4	B2	Magazyn części i punkt demontażu elektrosprzętu
	Punkty obserwacji		
43	1	k1	Punkt kontrolny
44	2	k1	Punkt kontrolny
45	3	k2	Punkt kontrolny
46	4	k2	Punkt kontrolny
47	5	k3	Punkt kontrolny
48	6	k3	Punkt kontrolny
49	7	k4	Punkt kontrolny
50	8	k4	Punkt kontrolny
51	9	k5	Punkt kontrolny
52	10	k5	Punkt kontrolny
53	11	k6	Punkt kontrolny
54	12	k6	Punkt kontrolny

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows : Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

Temperatura powietrza= 10℃ Wilgotność względna RH = 70%

ŹRÓDŁA WSZECHKIERUNKOWE, liczba = 38

Lp	Symbol	x[m]	y[m]	z[m]	L_{WA}[dB]	K_0
1	H1	367,0	279,0	1,5	71,8	3
2	H2	349,0	290,0	1,5	71,8	3
3	H3	330,0	286,0	1,5	71,8	3
4	H4	309,0	277,0	1,5	71,8	3
5	H5	289,0	268,0	1,5	71,8	3
6	H6	271,0	276,0	1,5	71,8	3
7	H7	279,0	279,0	1,5	71,8	3
8	H8	272,0	296,0	1,5	71,8	3
9	H9	265,0	265,0	1,5	71,8	3
10	H10	261,0	290,0	1,5	71,8	3
11	H11	253,0	288,0	1,5	71,8	3
12	H12	251,0	306,0	1,5	71,8	3
13	H13	262,0	324,0	1,5	71,8	3
14	H14	278,0	326,0	1,5	71,8	3
15	H15	297,0	315,0	1,5	71,8	3
16	H16	312,0	313,0	1,5	71,8	3
17	H17	331,0	301,0	1,5	71,8	3
18	H18	337,0	301,0	1,5	71,8	3
19	H19	320,0	312,0	1,5	71,8	3
20	H20	301,0	323,0	1,5	71,8	3
21	H21	283,0	334,0	1,5	71,8	3
22	H22	274,0	290,0	1,5	71,8	3
23	H23	288,0	343,0	1,5	71,8	3
24	H24	307,0	331,0	1,5	71,8	3
25	H25	325,0	320,0	1,5	71,8	3
26	H26	330,0	328,0	1,5	71,8	3
27	H27	313,0	339,0	1,5	71,8	3
28	H28	294,0	351,0	1,5	71,8	3
29	H29	286,0	360,0	1,5	71,8	3
30	H30	300,0	360,0	1,5	71,8	3
31	H31	319,0	349,0	1,5	71,8	3
32	H32	336,0	339,0	1,5	71,8	3
33	H33	323,0	358,0	1,5	71,8	3
34	H34	340,0	347,0	1,5	71,8	3
35	H35	343,0	327,0	1,5	71,8	3
36	H36	348,0	308,0	1,5	71,8	3
37	H37	343,0	305,0	1,5	71,8	3
38	H38	355,0	290,0	1,5	71,8	3

ŹRÓDŁA - BUDYNKI, liczba = 4

Lp	Symbol	x[m] A y[m]	x[m] B y[m]	x[m] C y[m]	x[m] D y[m]	h[m]	h_0[m]	h_w[m]
1	B1a	301,0;282,0	312,0;300,0	309,0;302,0	298,0;284,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
2	B1b	297,0;283,0	310,0;303,0	303,0;307,0	290,0;287,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
3	B1c	290,0;287,0	303,0;307,0	293,0;313,0	281,0;292,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	35,0	35,0	35,0	35,0	35,0		
4	B2	352,0;325,0	352,0;342,0	347,0;342,0	347,0;325,0	8,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.ß	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	25,0	25,0	25,0	25,0	25,0		

PUNKTY OBSERWACJI, liczba = 12

Lp	Symbol	x[m]	y[m]	z[m]	L_{eq}[dB]
1	k1	332,0	67,0	1,5	0,0
2	k1	332,0	67,0	4,0	0,0
3	k2	432,0	247,0	1,5	0,0
4	k2	432,0	247,0	4,0	0,0
5	k3	423,0	392,0	1,5	0,0

Lp	Symbol	x[m]	y[m]	z[m]	L_{sa}[dB]
6	k3	423,0	392,0	4,0	0,0
7	k4	341,0	459,0	1,5	0,0
8	k4	341,0	459,0	4,0	0,0
9	k5	314,0	466,0	1,5	0,0
10	k5	314,0	466,0	4,0	0,0
11	k6	305,0	482,0	1,5	0,0
12	k6	305,0	482,0	4,0	0,0

SIATKA PUNKTÓW OBSERWACJI

X_{min}[m]	X_{max}[m]	Y_{min}[m]	Y_{max}[m]	dx[m]	dy[m]	z[m]	L_{sa}[dB]
0,0	600,0	0,0	600,0	10,0	10,0	1,5	0,00

Hałas Przemysłowy Zewnętrzny

Program HPZ ' 2001 Windows: Wersja: listopad'2007
Licencja Zakładu Akustyki ITB: HPZ-0216 Integrum Consulting

Opis projektu: Stacja demontażu pojazdów wycofanych z eksploatacji oraz demontażu sprzętu elektrycznego i elektronicznego

Temperatura powietrza = 10℃ Wilgotność względna RH = 70%

Równoważny poziom dźwięku A w zadanych punktach obserwacji

Lp.	Symbol	x [m]	y [m]	z [m]	L_A[dB]
1	k1	332,0	67,0	1,5	31,9
2	k1	332,0	67,0	4,0	31,9
3	k2	432,0	247,0	1,5	37,2
4	k2	432,0	247,0	4,0	37,2
5	k3	423,0	392,0	1,5	37,2
6	k3	423,0	392,0	4,0	37,2
7	k4	341,0	459,0	1,5	37,0
8	k4	341,0	459,0	4,0	37,0
9	k5	314,0	466,0	1,5	37,1
10	k5	314,0	466,0	4,0	37,0
11	k6	305,0	482,0	1,5	36,2
12	k6	305,0	482,0	4,0	36,2

x	y	z	L t⁰a	L A
0.0	0.0	1.5	0.0	25.9
0.0	10.0	1.5	0.0	26.0
0.0	20.0	1.5	0.0	26.1
0.0	30.0	1.5	0.0	26.3
0.0	40.0	1.5	0.0	26.5
0.0	50.0	1.5	0.0	26.7
0.0	60.0	1.5	0.0	26.7
0.0	70.0	1.5	0.0	26.9
0.0	80.0	1.5	0.0	27.0
0.0	90.0	1.5	0.0	27.3
0.0	100.0	1.5	0.0	27.3
0.0	110.0	1.5	0.0	27.6
0.0	120.0	1.5	0.0	27.6
0.0	130.0	1.5	0.0	27.6
0.0	140.0	1.5	0.0	27.8
0.0	150.0	1.5	0.0	28.0
0.0	160.0	1.5	0.0	28.2
0.0	170.0	1.5	0.0	28.5
0.0	180.0	1.5	0.0	28.7
0.0	190.0	1.5	0.0	28.9
0.0	200.0	1.5	0.0	29.1
0.0	210.0	1.5	0.0	29.1
0.0	220.0	1.5	0.0	29.2
0.0	230.0	1.5	0.0	29.3
0.0	240.0	1.5	0.0	29.3
0.0	250.0	1.5	0.0	29.5
0.0	260.0	1.5	0.0	29.4
0.0	270.0	1.5	0.0	29.6
0.0	280.0	1.5	0.0	29.7
0.0	290.0	1.5	0.0	29.6
0.0	292.0	1.5	0.0	29.6
0.0	295.0	1.5	0.0	29.7
0.0	300.0	1.5	0.0	29.7
0.0	310.0	1.5	0.0	29.7
0.0	320.0	1.5	0.0	29.8
0.0	330.0	1.5	0.0	29.9
0.0	333.5	1.5	0.0	29.9
0.0	340.0	1.5	0.0	29.8
0.0	350.0	1.5	0.0	29.9
0.0	360.0	1.5	0.0	29.9
0.0	370.0	1.5	0.0	29.9
0.0	380.0	1.5	0.0	29.8
0.0	390.0	1.5	0.0	29.7
0.0	400.0	1.5	0.0	29.8
0.0	410.0	1.5	0.0	29.8
0.0	420.0	1.5	0.0	29.6
0.0	430.0	1.5	0.0	29.5
0.0	440.0	1.5	0.0	29.3
0.0	450.0	1.5	0.0	29.3
0.0	460.0	1.5	0.0	29.2
0.0	470.0	1.5	0.0	29.0
0.0	480.0	1.5	0.0	28.9
0.0	490.0	1.5	0.0	28.8
0.0	500.0	1.5	0.0	28.8
0.0	510.0	1.5	0.0	28.6
0.0	520.0	1.5	0.0	28.5
0.0	530.0	1.5	0.0	28.4
0.0	540.0	1.5	0.0	28.2
0.0	550.0	1.5	0.0	28.0
0.0	560.0	1.5	0.0	27.9
0.0	570.0	1.5	0.0	27.8
0.0	580.0	1.5	0.0	27.7
0.0	590.0	1.5	0.0	27.5
0.0	600.0	1.5	0.0	27.3
10.0	0.0	1.5	0.0	25.9
10.0	10.0	1.5	0.0	26.1
10.0	20.0	1.5	0.0	26.3
10.0	30.0	1.5	0.0	26.5
10.0	40.0	1.5	0.0	26.7
10.0	50.0	1.5	0.0	26.8
10.0	60.0	1.5	0.0	26.9
10.0	70.0	1.5	0.0	27.0
10.0	80.0	1.5	0.0	27.3
10.0	90.0	1.5	0.0	27.4
10.0	100.0	1.5	0.0	27.6
10.0	110.0	1.5	0.0	27.7
10.0	120.0	1.5	0.0	28.0
10.0	130.0	1.5	0.0	28.0
10.0	140.0	1.5	0.0	28.0
10.0	150.0	1.5	0.0	28.2
10.0	160.0	1.5	0.0	28.4
10.0	170.0	1.5	0.0	28.6
10.0	180.0	1.5	0.0	28.9
10.0	190.0	1.5	0.0	29.2
10.0	200.0	1.5	0.0	29.3
10.0	210.0	1.5	0.0	29.4
10.0	220.0	1.5	0.0	29.5
10.0	230.0	1.5	0.0	29.6
10.0	240.0	1.5	0.0	29.7
10.0	250.0	1.5	0.0	29.7
10.0	260.0	1.5	0.0	29.8
10.0	270.0	1.5	0.0	29.9
10.0	280.0	1.5	0.0	30.0
10.0	290.0	1.5	0.0	29.9
10.0	292.0	1.5	0.0	29.9
10.0	295.0	1.5	0.0	30.0
10.0	300.0	1.5	0.0	30.0
10.0	310.0	1.5	0.0	30.0
10.0	320.0	1.5	0.0	30.1
10.0	330.0	1.5	0.0	30.2
10.0	333.5	1.5	0.0	30.2
10.0	340.0	1.5	0.0	30.2
10.0	350.0	1.5	0.0	30.2
10.0	360.0	1.5	0.0	30.2
10.0	370.0	1.5	0.0	30.2
10.0	380.0	1.5	0.0	30.1
10.0	390.0	1.5	0.0	30.0
10.0	400.0	1.5	0.0	30.1
10.0	410.0	1.5	0.0	30.0
10.0	420.0	1.5	0.0	29.9
10.0	430.0	1.5	0.0	29.8
10.0	440.0	1.5	0.0	29.5
10.0	450.0	1.5	0.0	29.5
10.0	460.0	1.5	0.0	29.4
10.0	470.0	1.5	0.0	29.2
10.0	480.0	1.5	0.0	29.2
10.0	490.0	1.5	0.0	29.1
10.0	500.0	1.5	0.0	29.0
10.0	510.0	1.5	0.0	28.9
10.0	520.0	1.5	0.0	28.8
10.0	530.0	1.5	0.0	28.6
10.0	540.0	1.5	0.0	28.4
10.0	550.0	1.5	0.0	28.3
10.0	560.0	1.5	0.0	28.2
10.0	570.0	1.5	0.0	28.0
10.0	580.0	1.5	0.0	27.9
10.0	590.0	1.5	0.0	27.6
10.0	600.0	1.5	0.0	27.4
20.0	0.0	1.5	0.0	26.2
20.0	10.0	1.5	0.0	26.3
20.0	20.0	1.5	0.0	26.5
20.0	30.0	1.5	0.0	26.7
20.0	40.0	1.5	0.0	26.8
20.0	50.0	1.5	0.0	27.1
20.0	60.0	1.5	0.0	27.2
20.0	70.0	1.5	0.0	27.2
20.0	80.0	1.5	0.0	27.4
20.0	90.0	1.5	0.0	27.7
20.0	100.0	1.5	0.0	27.9
20.0	110.0	1.5	0.0	27.8
20.0	120.0	1.5	0.0	28.1
20.0	130.0	1.5	0.0	28.3
20.0	140.0	1.5	0.0	28.4
20.0	150.0	1.5	0.0	28.5
20.0	160.0	1.5	0.0	28.6
20.0	170.0	1.5	0.0	28.9
20.0	180.0	1.5	0.0	29.1
20.0	190.0	1.5	0.0	29.4
20.0	200.0	1.5	0.0	29.6
20.0	210.0	1.5	0.0	29.6
20.0	220.0	1.5	0.0	29.8
20.0	230.0	1.5	0.0	29.8
20.0	240.0	1.5	0.0	30.0
20.0	250.0	1.5	0.0	30.0
20.0	260.0	1.5	0.0	30.2
20.0	270.0	1.5	0.0	30.2
20.0	280.0	1.5	0.0	30.4
20.0	290.0	1.5	0.0	30.3
20.0	292.0	1.5	0.0	30.3
20.0	295.0	1.5	0.0	30.3
20.0	300.0	1.5	0.0	30.3
20.0	310.0	1.5	0.0	30.4
20.0	320.0	1.5	0.0	30.4
20.0	330.0	1.5	0.0	30.5
20.0	333.5	1.5	0.0	30.5
20.0	340.0	1.5	0.0	30.5
20.0	350.0	1.5	0.0	30.6
20.0	360.0	1.5	0.0	30.6
20.0	370.0	1.5	0.0	30.5
20.0	380.0	1.5	0.0	30.4
20.0	390.0	1.5	0.0	30.4
20.0	400.0	1.5	0.0	30.5
20.0	410.0	1.5	0.0	30.3
20.0	420.0	1.5	0.0	30.2
20.0	430.0	1.5	0.0	30.1
20.0	440.0	1.5	0.0	29.9
20.0	450.0	1.5	0.0	29.8
20.0	460.0	1.5	0.0	29.7
20.0	470.0	1.5	0.0	29.5
20.0	480.0	1.5	0.0	29.5
20.0	490.0	1.5	0.0	29.4
20.0	500.0	1.5	0.0	29.2
20.0	510.0	1.5	0.0	29.1
20.0	520.0	1.5	0.0	28.9
20.0	530.0	1.5	0.0	28.8
20.0	540.0	1.5	0.0	28.7
20.0	550.0	1.5	0.0	28.5
20.0	560.0	1.5	0.0	28.3
20.0	570.0	1.5	0.0	28.2
20.0	580.0	1.5	0.0	27.9
20.0	590.0	1.5	0.0	27.8
20.0	600.0	1.5	0.0	27.6
30.0	0.0	1.5	0.0	26.4
30.0	10.0	1.5	0.0	26.6
30.0	20.0	1.5	0.0	26.7
30.0	30.0	1.5	0.0	26.8
30.0	40.0	1.5	0.0	27.0
30.0	50.0	1.5	0.0	27.1
30.0	60.0	1.5	0.0	27.4
30.0	70.0	1.5	0.0	27.6
30.0	80.0	1.5	0.0	27.6
30.0	90.0	1.5	0.0	27.8
30.0	100.0	1.5	0.0	28.0
30.0	110.0	1.5	0.0	28.2
30.0	120.0	1.5	0.0	28.3
30.0	130.0	1.5	0.0	28.6
30.0	140.0	1.5	0.0	28.6
30.0	150.0	1.5	0.0	28.7
30.0	160.0	1.5	0.0	28.9
30.0	170.0	1.5	0.0	29.0
30.0	180.0	1.5	0.0	29.3
30.0	190.0	1.5	0.0	29.5
30.0	200.0	1.5	0.0	29.8
30.0	210.0	1.5	0.0	30.0
30.0	220.0	1.5	0.0	30.1
30.0	230.0	1.5	0.0	30.2
30.0	240.0	1.5	0.0	30.3
30.0	250.0	1.5	0.0	30.3
30.0	260.0	1.5	0.0	30.5
30.0	270.0	1.5	0.0	30.5
30.0	280.0	1.5	0.0	30.7
30.0	290.0	1.5	0.0	30.6
30.0	292.0	1.5	0.0	30.6
30.0	295.0	1.5	0.0	30.7
30.0	300.0	1.5	0.0	30.7
30.0	310.0	1.5	0.0	30.7
30.0	320.0	1.5	0.0	30.8
30.0	330.0	1.5	0.0	30.9
30.0	333.5	1.5	0.0	30.9
30.0	340.0	1.5	0.0	30.9
30.0	350.0	1.5	0.0	30.9
30.0	360.0	1.5	0.0	30.9
30.0	370.0	1.5	0.0	30.8
30.0	380.0	1.5	0.0	30.7
30.0	390.0	1.5	0.0	30.8
30.0	400.0	1.5	0.0	30.8
30.0	410.0	1.5	0.0	30.6
30.0	420.0	1.5	0.0	30.4
30.0	430.0	1.5	0.0	30.2
30.0	440.0	1.5	0.0	30.2
30.0	450.0	1.5	0.0	30.1
30.0	460.0	1.5	0.0	29.9
30.0	470.0	1.5	0.0	29.8
30.0	480.0	1.5	0.0	29.8
30.0	490.0	1.5	0.0	29.6
30.0	500.0	1.5	0.0	29.5
30.0	510.0	1.5	0.0	29.4
30.0	520.0	1.5	0.0	29.2
30.0	530.0	1.5	0.0	29.0
30.0	540.0	1.5	0.0	28.8
30.0	550.0	1.5	0.0	28.7
30.0	560.0	1.5	0.0	28.5
30.0	570.0	1.5	0.0	28.2
30.0	580.0	1.5	0.0	28.1
30.0	590.0	1.5	0.0	28.0
30.0	600.0	1.5	0.0	27.9
40.0	0.0	1.5	0.0	26.7
40.0	10.0	1.5	0.0	26.8
40.0	20.0	1.5	0.0	26.9
40.0	30.0	1.5	0.0	27.0
40.0	40.0	1.5	0.0	27.1
40.0	50.0	1.5	0.0	27.4
40.0	60.0	1.5	0.0	27.5
40.0	70.0	1.5	0.0	27.8
40.0	80.0	1.5	0.0	27.9
40.0	90.0	1.5	0.0	28.0
40.0	100.0	1.5	0.0	28.2
40.0	110.0	1.5	0.0	28.3
40.0	120.0	1.5	0.0	28.6
40.0	130.0	1.5	0.0	28.8
40.0	140.0	1.5	0.0	28.9
40.0	150.0	1.5	0.0	29.0
40.0	160.0	1.5	0.0	29.1
40.0	170.0	1.5	0.0	29.3
40.0	180.0	1.5	0.0	29.6
40.0	190.0	1.5	0.0	29.8
40.0	200.0	1.5	0.0	30.1
40.0	210.0	1.5	0.0	30.3
40.0	220.0	1.5	0.0	30.4
40.0	230.0	1.5	0.0	30.5
40.0	240.0	1.5	0.0	30.6
40.0	250.0	1.5	0.0	30.7
40.0	260.0	1.5	0.0	30.8
40.0	270.0	1.5	0.0	30.8
40.0	280.0	1.5	0.0	31.0
40.0	290.0	1.5	0.0	31.0
40.0	292.0	1.5	0.0	30.9
40.0	295.0	1.5	0.0	31.0
40.0	300.0	1.5	0.0	31.0
40.0	310.0	1.5	0.0	31.0
40.0	320.0	1.5	0.0	31.1
40.0	330.0	1.5	0.0	31.2
40.0	333.5	1.5	0.0	31.2
40.0	340.0	1.5	0.0	31.2
40.0	350.0	1.5	0.0	31.3
40.0	360.0	1.5	0.0	31.3
40.0	370.0	1.5	0.0	31.1
40.0	380.0	1.5	0.0	31.1
40.0	390.0	1.5	0.0	31.1
40.0	400.0	1.5	0.0	31.0
40.0	410.0	1.5	0.0	30.9
40.0	420.0	1.5	0.0	30.8
40.0	430.0	1.5	0.0	30.5
40.0	440.0	1.5	0.0	30.5
40.0	450.0	1.5	0.0	30.3
40.0	460.0	1.5	0.0	30.2
40.0	470.0	1.5	0.0	30.1
40.0	480.0	1.5	0.0	30.0
40.0	490.0	1.5	0.0	29.9
40.0	500.0	1.5	0.0	29.8
40.0	510.0	1.5	0.0	29.5
40.0	520.0	1.5	0.0	29.3
40.0	530.0	1.5	0.0	29.2
40.0	540.0	1.5	0.0	29.1
40.0	550.0	1.5	0.0	28.9
40.0	560.0	1.5	0.0	28.6
40.0	570.0	1.5	0.0	28.5
40.0	580.0	1.5	0.0	28.3
40.0	590.0	1.5	0.0	28.2
40.0	600.0	1.5	0.0	28.0
50.0	0.0	1.5	0.0	26.8
50.0	10.0	1.5	0.0	27.0
50.0	20.0	1.5	0.0	27.1
50.0	30.0	1.5	0.0	27.2
50.0	40.0	1.5	0.0	27.4
50.0	50.0	1.5	0.0	27.5
50.0	60.0	1.5	0.0	27.7
50.0	70.0	1.5	0.0	27.9
50.0	80.0	1.5	0.0	28.2
50.0	90.0	1.5	0.0	28.3
50.0	100.0	1.5	0.0	28.4
50.0	110.0	1.5	0.0	28.7
50.0	120.0	1.5	0.0	28.9
50.0	130.0	1.5	0.0	28.8
50.0	140.0	1.5	0.0	29.2
50.0	150.0	1.5	0.0	29.3
50.0	160.0	1.5	0.0	29.5
50.0	170.0	1.5	0.0	29.6
50.0	180.0	1.5	0.0	29.8
50.0	190.0	1.5	0.0	30.0
50.0	200.0	1.5	0.0	30.3
50.0	210.0	1.5	0.0	30.6
50.0	220.0	1.5	0.0	30.7
50.0	230.0	1.5	0.0	30.9
50.0	240.0	1.5	0.0	30.9
50.0	250.0	1.5	0.0	31.0
50.0	260.0	1.5	0.0	31.2
50.0	270.0	1.5	0.0	31.2
50.0	280.0	1.5	0.0	31.3
50.0	290.0	1.5	0.0	31.4
50.0	292.0	1.5	0.0	31.3
50.0	295.0	1.5	0.0	31.4
50.0	300.0	1.5	0.0	31.4
50.0	310.0	1.5	0.0	31.4
50.0	320.0	1.5	0.0	31.5
50.0	330.0	1.5	0.0	31.6
50.0	333.5	1.5	0.0	31.6
50.0	340.0	1.5	0.0	31.6
50.0	350.0	1.5	0.0	31.6
50.0	360.0	1.5	0.0	31.6
50.0	370.0	1.5	0.0	31.5
50.0	380.0	1.5	0.0	31.4
50.0	390.0	1.5	0.0	31.5
50.0	400.0	1.5	0.0	31.4
50.0	410.0	1.5	0.0	31.2
50.0	420.0	1.5	0.0	31.1
50.0	430.0	1.5	0.0	30.9
50.0	440.0	1.5	0.0	30.8
50.0	450.0	1.5	0.0	30.6
50.0	460.0	1.5	0.0	30.6
50.0	470.0	1.5	0.0	30.4
50.0	480.0	1.5	0.0	30.3
50.0	490.0	1.5	0.0	30.2
50.0	500.0	1.5	0.0	30.0
50.0	510.0	1.5	0.0	29.7
50.0	520.0	1.5	0.0	29.6
50.0	530.0	1.5	0.0	29.5

50.0	540.0	1.5	0.0	29.3	70.0	540.0	1.5	0.0	29.6	90.0	540.0	1.5	0.0	30.2
50.0	550.0	1.5	0.0	29.0	70.0	550.0	1.5	0.0	29.5	90.0	550.0	1.5	0.0	30.0
50.0	560.0	1.5	0.0	28.9	70.0	560.0	1.5	0.0	29.3	90.0	560.0	1.5	0.0	29.6
50.0	570.0	1.5	0.0	28.7	70.0	570.0	1.5	0.0	29.2	90.0	570.0	1.5	0.0	29.4
50.0	580.0	1.5	0.0	28.6	70.0	580.0	1.5	0.0	28.9	90.0	580.0	1.5	0.0	29.2
50.0	590.0	1.5	0.0	28.3	70.0	590.0	1.5	0.0	28.7	90.0	590.0	1.5	0.0	29.0
50.0	600.0	1.5	0.0	28.1	70.0	600.0	1.5	0.0	28.5	90.0	600.0	1.5	0.0	28.8
60.0	0.0	1.5	0.0	26.9	80.0	0.0	1.5	0.0	27.4	100.0	0.0	1.5	0.0	27.6
60.0	10.0	1.5	0.0	27.1	80.0	10.0	1.5	0.0	27.4	100.0	10.0	1.5	0.0	27.8
60.0	20.0	1.5	0.0	27.3	80.0	20.0	1.5	0.0	27.6	100.0	20.0	1.5	0.0	28.0
60.0	30.0	1.5	0.0	27.5	80.0	30.0	1.5	0.0	27.8	100.0	30.0	1.5	0.0	28.3
60.0	40.0	1.5	0.0	27.6	80.0	40.0	1.5	0.0	28.1	100.0	40.0	1.5	0.0	28.3
60.0	50.0	1.5	0.0	27.7	80.0	50.0	1.5	0.0	28.2	100.0	50.0	1.5	0.0	28.6
60.0	60.0	1.5	0.0	27.9	80.0	60.0	1.5	0.0	28.4	100.0	60.0	1.5	0.0	28.8
60.0	70.0	1.5	0.0	28.1	80.0	70.0	1.5	0.0	28.5	100.0	70.0	1.5	0.0	29.0
60.0	80.0	1.5	0.0	28.3	80.0	80.0	1.5	0.0	28.7	100.0	80.0	1.5	0.0	29.2
60.0	90.0	1.5	0.0	28.6	80.0	90.0	1.5	0.0	28.9	100.0	90.0	1.5	0.0	29.4
60.0	100.0	1.5	0.0	28.7	80.0	100.0	1.5	0.0	29.1	100.0	100.0	1.5	0.0	29.6
60.0	110.0	1.5	0.0	28.8	80.0	110.0	1.5	0.0	29.4	100.0	110.0	1.5	0.0	29.8
60.0	120.0	1.5	0.0	29.1	80.0	120.0	1.5	0.0	29.5	100.0	120.0	1.5	0.0	30.1
60.0	130.0	1.5	0.0	29.2	80.0	130.0	1.5	0.0	29.7	100.0	130.0	1.5	0.0	30.4
60.0	140.0	1.5	0.0	29.4	80.0	140.0	1.5	0.0	30.0	100.0	140.0	1.5	0.0	30.5
60.0	150.0	1.5	0.0	29.7	80.0	150.0	1.5	0.0	30.1	100.0	150.0	1.5	0.0	30.8
60.0	160.0	1.5	0.0	29.7	80.0	160.0	1.5	0.0	30.3	100.0	160.0	1.5	0.0	31.0
60.0	170.0	1.5	0.0	29.8	80.0	170.0	1.5	0.0	30.5	100.0	170.0	1.5	0.0	31.2
60.0	180.0	1.5	0.0	30.0	80.0	180.0	1.5	0.0	30.6	100.0	180.0	1.5	0.0	31.4
60.0	190.0	1.5	0.0	30.3	80.0	190.0	1.5	0.0	30.9	100.0	190.0	1.5	0.0	31.6
60.0	200.0	1.5	0.0	30.6	80.0	200.0	1.5	0.0	31.2	100.0	200.0	1.5	0.0	31.7
60.0	210.0	1.5	0.0	30.9	80.0	210.0	1.5	0.0	31.5	100.0	210.0	1.5	0.0	32.1
60.0	220.0	1.5	0.0	31.1	80.0	220.0	1.5	0.0	31.8	100.0	220.0	1.5	0.0	32.4
60.0	230.0	1.5	0.0	31.2	80.0	230.0	1.5	0.0	32.0	100.0	230.0	1.5	0.0	32.7
60.0	240.0	1.5	0.0	31.2	80.0	240.0	1.5	0.0	32.0	100.0	240.0	1.5	0.0	32.8
60.0	250.0	1.5	0.0	31.4	80.0	250.0	1.5	0.0	32.1	100.0	250.0	1.5	0.0	32.8
60.0	260.0	1.5	0.0	31.5	80.0	260.0	1.5	0.0	32.2	100.0	260.0	1.5	0.0	33.0
60.0	270.0	1.5	0.0	31.6	80.0	270.0	1.5	0.0	32.4	100.0	270.0	1.5	0.0	33.2
60.0	280.0	1.5	0.0	31.7	80.0	280.0	1.5	0.0	32.5	100.0	280.0	1.5	0.0	33.3
60.0	290.0	1.5	0.0	31.8	80.0	290.0	1.5	0.0	32.6	100.0	290.0	1.5	0.0	33.4
60.0	292.0	1.5	0.0	31.8	80.0	292.0	1.5	0.0	32.6	100.0	292.0	1.5	0.0	33.4
60.0	295.0	1.5	0.0	31.7	80.0	295.0	1.5	0.0	32.6	100.0	295.0	1.5	0.0	33.5
60.0	300.0	1.5	0.0	31.8	80.0	300.0	1.5	0.0	32.6	100.0	300.0	1.5	0.0	33.5
60.0	310.0	1.5	0.0	31.8	80.0	310.0	1.5	0.0	32.6	100.0	310.0	1.5	0.0	33.4
60.0	320.0	1.5	0.0	31.9	80.0	320.0	1.5	0.0	32.6	100.0	320.0	1.5	0.0	33.5
60.0	330.0	1.5	0.0	32.0	80.0	330.0	1.5	0.0	32.7	100.0	330.0	1.5	0.0	33.6
60.0	333.5	1.5	0.0	31.9	80.0	333.5	1.5	0.0	32.8	100.0	333.5	1.5	0.0	33.6
60.0	340.0	1.5	0.0	32.0	80.0	340.0	1.5	0.0	32.7	100.0	340.0	1.5	0.0	33.6
60.0	350.0	1.5	0.0	32.0	80.0	350.0	1.5	0.0	32.8	100.0	350.0	1.5	0.0	33.6
60.0	360.0	1.5	0.0	32.0	80.0	360.0	1.5	0.0	32.7	100.0	360.0	1.5	0.0	33.5
60.0	370.0	1.5	0.0	31.8	80.0	370.0	1.5	0.0	32.6	100.0	370.0	1.5	0.0	33.4
60.0	380.0	1.5	0.0	31.8	80.0	380.0	1.5	0.0	32.6	100.0	380.0	1.5	0.0	33.3
60.0	390.0	1.5	0.0	31.8	80.0	390.0	1.5	0.0	32.5	100.0	390.0	1.5	0.0	33.2
60.0	400.0	1.5	0.0	31.7	80.0	400.0	1.5	0.0	32.3	100.0	400.0	1.5	0.0	33.0
60.0	410.0	1.5	0.0	31.5	80.0	410.0	1.5	0.0	32.2	100.0	410.0	1.5	0.0	32.8
60.0	420.0	1.5	0.0	31.4	80.0	420.0	1.5	0.0	32.0	100.0	420.0	1.5	0.0	32.7
60.0	430.0	1.5	0.0	31.2	80.0	430.0	1.5	0.0	31.9	100.0	430.0	1.5	0.0	32.7
60.0	440.0	1.5	0.0	31.0	80.0	440.0	1.5	0.0	31.8	100.0	440.0	1.5	0.0	32.4
60.0	450.0	1.5	0.0	31.0	80.0	450.0	1.5	0.0	31.6	100.0	450.0	1.5	0.0	32.2
60.0	460.0	1.5	0.0	30.9	80.0	460.0	1.5	0.0	31.5	100.0	460.0	1.5	0.0	32.1
60.0	470.0	1.5	0.0	30.7	80.0	470.0	1.5	0.0	31.3	100.0	470.0	1.5	0.0	31.8
60.0	480.0	1.5	0.0	30.5	80.0	480.0	1.5	0.0	31.1	100.0	480.0	1.5	0.0	31.6
60.0	490.0	1.5	0.0	30.4	80.0	490.0	1.5	0.0	31.0	100.0	490.0	1.5	0.0	31.4
60.0	500.0	1.5	0.0	30.1	80.0	500.0	1.5	0.0	30.7	100.0	500.0	1.5	0.0	31.2
60.0	510.0	1.5	0.0	30.0	80.0	510.0	1.5	0.0	30.5	100.0	510.0	1.5	0.0	30.9
60.0	520.0	1.5	0.0	29.9	80.0	520.0	1.5	0.0	30.3	100.0	520.0	1.5	0.0	30.8
60.0	530.0	1.5	0.0	29.7	80.0	530.0	1.5	0.0	30.1	100.0	530.0	1.5	0.0	30.6
60.0	540.0	1.5	0.0	29.4	80.0	540.0	1.5	0.0	29.9	100.0	540.0	1.5	0.0	30.4
60.0	550.0	1.5	0.0	29.2	80.0	550.0	1.5	0.0	29.8	100.0	550.0	1.5	0.0	30.1
60.0	560.0	1.5	0.0	29.1	80.0	560.0	1.5	0.0	29.6	100.0	560.0	1.5	0.0	29.8
60.0	570.0	1.5	0.0	28.9	80.0	570.0	1.5	0.0	29.3	100.0	570.0	1.5	0.0	29.7
60.0	580.0	1.5	0.0	28.7	80.0	580.0	1.5	0.0	29.0	100.0	580.0	1.5	0.0	29.4
60.0	590.0	1.5	0.0	28.5	80.0	590.0	1.5	0.0	28.9	100.0	590.0	1.5	0.0	29.2
60.0	600.0	1.5	0.0	28.3	80.0	600.0	1.5	0.0	28.7	100.0	600.0	1.5	0.0	28.9
70.0	0.0	1.5	0.0	27.0	90.0	0.0	1.5	0.0	27.5	110.0	0.0	1.5	0.0	27.7
70.0	10.0	1.5	0.0	27.2	90.0	10.0	1.5	0.0	27.7	110.0	10.0	1.5	0.0	27.9
70.0	20.0	1.5	0.0	27.4	90.0	20.0	1.5	0.0	27.8	110.0	20.0	1.5	0.0	28.1
70.0	30.0	1.5	0.0	27.7	90.0	30.0	1.5	0.0	27.9	110.0	30.0	1.5	0.0	28.4
70.0	40.0	1.5	0.0	27.8	90.0	40.0	1.5	0.0	28.2	110.0	40.0	1.5	0.0	28.7
70.0	50.0	1.5	0.0	28.0	90.0	50.0	1.5	0.0	28.4	110.0	50.0	1.5	0.0	28.7
70.0	60.0	1.5	0.0	28.1	90.0	60.0	1.5	0.0	28.6	110.0	60.0	1.5	0.0	29.0
70.0	70.0	1.5	0.0	28.3	90.0	70.0	1.5	0.0	28.8	110.0	70.0	1.5	0.0	29.2
70.0	80.0	1.5	0.0	28.5	90.0	80.0	1.5	0.0	28.9	110.0	80.0	1.5	0.0	29.4
70.0	90.0	1.5	0.0	28.7	90.0	90.0	1.5	0.0	29.1	110.0	90.0	1.5	0.0	29.7
70.0	100.0	1.5	0.0	29.0	90.0	100.0	1.5	0.0	29.4	110.0	100.0	1.5	0.0	29.9
70.0	110.0	1.5	0.0	29.2	90.0	110.0	1.5	0.0	29.6	110.0	110.0	1.5	0.0	30.0
70.0	120.0	1.5	0.0	29.2	90.0	120.0	1.5	0.0	29.9	110.0	120.0	1.5	0.0	30.3
70.0	130.0	1.5	0.0	29.5	90.0	130.0	1.5	0.0	30.0	110.0	130.0	1.5	0.0	30.6
70.0	140.0	1.5	0.0	29.7	90.0	140.0	1.5	0.0	30.2	110.0	140.0	1.5	0.0	30.9
70.0	150.0	1.5	0.0	29.9	90.0	150.0	1.5	0.0	30.5	110.0	150.0	1.5	0.0	31.0
70.0	160.0	1.5	0.0	30.1	90.0	160.0	1.5	0.0	30.7	110.0	160.0	1.5	0.0	31.3
70.0	170.0	1.5	0.0	30.2	90.0	170.0	1.5	0.0	30.9	110.0	170.0	1.5	0.0	31.4
70.0	180.0	1.5	0.0	30.4	90.0	180.0	1.5	0.0	31.0	110.0	180.0	1.5	0.0	31.7
70.0	190.0	1.5	0.0	30.5	90.0	190.0	1.5	0.0	31.2	110.0	190.0	1.5	0.0	31.9
70.0	200.0	1.5	0.0	30.9	90.0	200.0	1.5	0.0	31.4	110.0	200.0	1.5	0.0	32.1
70.0	210.0	1.5	0.0	31.2	90.0	210.0	1.5	0.0	31.7	110.0	210.0	1.5	0.0	32.3
70.0	220.0	1.5	0.0	31.4	90.0	220.0	1.5	0.0	32.1	110.0	220.0	1.5	0.0	32.7
70.0	230.0	1.5	0.0	31.6	90.0	230.0	1.5	0.0	32.3	110.0	230.0	1.5	0.0	33.0
70.0	240.0	1.5	0.0	31.7	90.0	240.0	1.5	0.0	32.4	110.0	240.0	1.5	0.0	33.3
70.0	250.0	1.5	0.0	31.7	90.0	250.0	1.5	0.0	32.4	110.0	250.0	1.5	0.0	33.5
70.0	260.0	1.5	0.0	31.9	90.0	260.0	1.5	0.0	32.6	110.0	260.0	1.5	0.0	33.4
70.0	270.0	1.5	0.0	32.0	90.0	270.0	1.5	0.0	32.8	110.0	270.0	1.5	0.0	33.6
70.0	280.0	1.5	0.0	32.1	90.0	280.0	1.5	0.0	32.9	110.0	280.0	1.5	0.0	33.8
70.0	290.0	1.5	0.0	32.2	90.0	290.0	1.5	0.0	33.0	110.0	290.0	1.5	0.0	33.9
70.0	292.0	1.5	0.0	32.2	90.0	292.0	1.5	0.0	33.0	110.0	292.0	1.5	0.0	33.9
70.0	295.0	1.5	0.0	32.1	90.0	295.0	1.5	0.0	33.1	110.0	295.0	1.5	0.0	34.0
70.0	300.0	1.5	0.0	32.1	90.0	300.0	1.5	0.0	33.0	110.0	300.0	1.5	0.0	33.9
70.0	310.0	1.5	0.0	32.2	90.0	310.0	1.5	0.0	33.0	110.0	310.0	1.5	0.0	33.9
70.0	320.0	1.5	0.0	32.2	90.0	320.0	1.5	0.0	33.1	110.0	320.0	1.5	0.0	34.0
70.0	330.0	1.5	0.0	32.3	90.0	330.0	1.5	0.0	33.1	110.0	330.0	1.5	0.0	34.1
70.0	333.5	1.5	0.0	32.4	90.0	333.5	1.5	0.0	33.2	110.0	333.5	1.5	0.0	34.1
70.0	340.0	1.5	0.0	32.4	90.0	340.0	1.5	0.0	33.2	110.0	340.0	1.5	0.0	34.0
70.0	350.0	1.5	0.0	32.4	90.0	350.0	1.5	0.0	33.2	110.0	350.0	1.5	0.0	34.1
70.0	360.0	1.5	0.0	32.3	90.0	360.0	1.5	0.0	33.1	110.0	360.0	1.5	0.0	34.0
70.0	370.0	1.5	0.0	32.2	90.0	370.0	1.5	0.0	33.0	110.0	370.0	1.5	0.0	33.9
70.0	380.0	1.5	0.0	32.2	90.0	380.0	1.5	0.0	33.0	110.0	380.0	1.5	0.0	33.8
70.0	390.0	1.5	0.0	32.1	90.0	390.0	1.5	0.0	32.9	110.0	390.0	1.5	0.0	33.7
70.0	400.0	1.5	0.0	32.0	90.0	400.0	1.5	0.0	32.7	110.0	400.0	1.5	0.0	33.4
70.0	410.0	1.5	0.0	31.8	90.0	410.0	1.5	0.0	32.5	110.0	410.0	1.5	0.0	33.3
70.0	420.0	1.5	0.0	31.7	90.0	420.0	1.5	0.0	32.3	110.0	420.0	1.5	0.0	33.2
70.0	430.0	1.5	0.0	31.5	90.0	430.0	1.5	0.0	32.3	110.0	430.0	1.5	0.0	33.0
70.0	440.0	1.5	0.0	31.4	90.0	440.0	1.5	0.0	32.1	110.0	440.0	1.5	0.0	32.8
70.0	450.0	1.5	0.0	31.3	90.0	450.0	1.5	0.0	31.9	110.0	450.0	1.5	0.0	32.6
70.0	460.0	1.5	0.0	31.2	90.0	460.0	1.5	0.0	31.7	110.0	460.0	1.5	0.0	32.3
70.0	470.0	1.5	0.0	31.0	90.0	470.0	1.5	0.0	31.6	110.0	470.0	1.5	0.0	32.1
70.0	480.0	1.5	0.0	30.9	90.0	480.0	1.5	0.0	31.3	110.0	480.0	1.5	0.0	31.9
70.0	490.0	1.5	0.0	30.7	90.0	490.0	1.5	0.0	31.1	110.0	490.0	1.5	0.0	31.7
70.0	500.0	1.5	0.0	30.4	90.0	500.0	1.5	0.0	31.0	110.0	500.0	1.5	0.0	31.4
70.0	510.0	1.5	0.0	30.3	90.0	510.0	1.5	0.0	30.8	110.0	510.0	1.5	0.0	31.3
70.0	520.0	1.5	0.0	30.1	90.0	520.0	1.5	0.0	30.5	110.0	520.0	1.5	0.0	31.1
70.0	530.0	1.5	0.0	29.8	90.0	530.0	1.5	0.0	30.3	110.0	530.0	1.5	0.0	30.8

110.0	540.0	1.5	0.0	30.5	130.0	540.0	1.5	0.0	30.9	150.0	540.0	1.5	0.0	31.3
110.0	550.0	1.5	0.0	30.3	130.0	550.0	1.5	0.0	30.7	150.0	550.0	1.5	0.0	31.0
110.0	560.0	1.5	0.0	30.1	130.0	560.0	1.5	0.0	30.3	150.0	560.0	1.5	0.0	30.8
110.0	570.0	1.5	0.0	29.9	130.0	570.0	1.5	0.0	30.1	150.0	570.0	1.5	0.0	30.3
110.0	580.0	1.5	0.0	29.5	130.0	580.0	1.5	0.0	29.9	150.0	580.0	1.5	0.0	30.2
110.0	590.0	1.5	0.0	29.2	130.0	590.0	1.5	0.0	29.5	150.0	590.0	1.5	0.0	30.1
110.0	600.0	1.5	0.0	29.0	130.0	600.0	1.5	0.0	29.3	150.0	600.0	1.5	0.0	29.8
120.0	0.0	1.5	0.0	27.6	140.0	0.0	1.5	0.0	28.4	160.0	0.0	1.5	0.0	28.4
120.0	10.0	1.5	0.0	27.9	140.0	10.0	1.5	0.0	28.6	160.0	10.0	1.5	0.0	28.8
120.0	20.0	1.5	0.0	28.3	140.0	20.0	1.5	0.0	28.6	160.0	20.0	1.5	0.0	29.1
120.0	30.0	1.5	0.0	28.5	140.0	30.0	1.5	0.0	28.6	160.0	30.0	1.5	0.0	29.4
120.0	40.0	1.5	0.0	28.8	140.0	40.0	1.5	0.0	28.9	160.0	40.0	1.5	0.0	29.9
120.0	50.0	1.5	0.0	29.0	140.0	50.0	1.5	0.0	29.3	160.0	50.0	1.5	0.0	29.8
120.0	60.0	1.5	0.0	29.2	140.0	60.0	1.5	0.0	29.6	160.0	60.0	1.5	0.0	29.8
120.0	70.0	1.5	0.0	29.3	140.0	70.0	1.5	0.0	29.9	160.0	70.0	1.5	0.0	30.1
120.0	80.0	1.5	0.0	29.7	140.0	80.0	1.5	0.0	30.2	160.0	80.0	1.5	0.0	30.5
120.0	90.0	1.5	0.0	29.8	140.0	90.0	1.5	0.0	30.3	160.0	90.0	1.5	0.0	30.9
120.0	100.0	1.5	0.0	30.2	140.0	100.0	1.5	0.0	30.6	160.0	100.0	1.5	0.0	31.2
120.0	110.0	1.5	0.0	30.4	140.0	110.0	1.5	0.0	30.8	160.0	110.0	1.5	0.0	31.4
120.0	120.0	1.5	0.0	30.6	140.0	120.0	1.5	0.0	31.1	160.0	120.0	1.5	0.0	31.7
120.0	130.0	1.5	0.0	30.9	140.0	130.0	1.5	0.0	31.4	160.0	130.0	1.5	0.0	32.0
120.0	140.0	1.5	0.0	31.1	140.0	140.0	1.5	0.0	31.6	160.0	140.0	1.5	0.0	32.2
120.0	150.0	1.5	0.0	31.4	140.0	150.0	1.5	0.0	32.0	160.0	150.0	1.5	0.0	32.6
120.0	160.0	1.5	0.0	31.6	140.0	160.0	1.5	0.0	32.3	160.0	160.0	1.5	0.0	32.8
120.0	170.0	1.5	0.0	32.0	140.0	170.0	1.5	0.0	32.6	160.0	170.0	1.5	0.0	33.3
120.0	180.0	1.5	0.0	32.0	140.0	180.0	1.5	0.0	32.7	160.0	180.0	1.5	0.0	33.6
120.0	190.0	1.5	0.0	32.3	140.0	190.0	1.5	0.0	33.0	160.0	190.0	1.5	0.0	33.8
120.0	200.0	1.5	0.0	32.5	140.0	200.0	1.5	0.0	33.3	160.0	200.0	1.5	0.0	34.3
120.0	210.0	1.5	0.0	32.7	140.0	210.0	1.5	0.0	33.6	160.0	210.0	1.5	0.0	34.4
120.0	220.0	1.5	0.0	33.1	140.0	220.0	1.5	0.0	33.8	160.0	220.0	1.5	0.0	34.8
120.0	230.0	1.5	0.0	33.4	140.0	230.0	1.5	0.0	34.2	160.0	230.0	1.5	0.0	35.0
120.0	240.0	1.5	0.0	33.7	140.0	240.0	1.5	0.0	34.5	160.0	240.0	1.5	0.0	35.5
120.0	250.0	1.5	0.0	33.9	140.0	250.0	1.5	0.0	34.9	160.0	250.0	1.5	0.0	35.8
120.0	260.0	1.5	0.0	33.8	140.0	260.0	1.5	0.0	34.8	160.0	260.0	1.5	0.0	36.2
120.0	270.0	1.5	0.0	34.1	140.0	270.0	1.5	0.0	35.0	160.0	270.0	1.5	0.0	36.2
120.0	280.0	1.5	0.0	34.2	140.0	280.0	1.5	0.0	35.3	160.0	280.0	1.5	0.0	36.4
120.0	290.0	1.5	0.0	34.3	140.0	290.0	1.5	0.0	35.4	160.0	290.0	1.5	0.0	36.6
120.0	292.0	1.5	0.0	34.3	140.0	292.0	1.5	0.0	35.4	160.0	292.0	1.5	0.0	36.7
120.0	295.0	1.5	0.0	34.5	140.0	295.0	1.5	0.0	35.5	160.0	295.0	1.5	0.0	36.8
120.0	300.0	1.5	0.0	34.4	140.0	300.0	1.5	0.0	35.5	160.0	300.0	1.5	0.0	36.8
120.0	310.0	1.5	0.0	34.4	140.0	310.0	1.5	0.0	35.5	160.0	310.0	1.5	0.0	36.8
120.0	320.0	1.5	0.0	34.5	140.0	320.0	1.5	0.0	35.6	160.0	320.0	1.5	0.0	36.8
120.0	330.0	1.5	0.0	34.6	140.0	330.0	1.5	0.0	35.6	160.0	330.0	1.5	0.0	36.8
120.0	333.5	1.5	0.0	34.6	140.0	333.5	1.5	0.0	35.6	160.0	333.5	1.5	0.0	36.8
120.0	340.0	1.5	0.0	34.5	140.0	340.0	1.5	0.0	35.6	160.0	340.0	1.5	0.0	36.8
120.0	350.0	1.5	0.0	34.5	140.0	350.0	1.5	0.0	35.5	160.0	350.0	1.5	0.0	36.7
120.0	360.0	1.5	0.0	34.4	140.0	360.0	1.5	0.0	35.5	160.0	360.0	1.5	0.0	36.4
120.0	370.0	1.5	0.0	34.4	140.0	370.0	1.5	0.0	35.2	160.0	370.0	1.5	0.0	36.3
120.0	380.0	1.5	0.0	34.2	140.0	380.0	1.5	0.0	35.1	160.0	380.0	1.5	0.0	36.3
120.0	390.0	1.5	0.0	34.1	140.0	390.0	1.5	0.0	35.0	160.0	390.0	1.5	0.0	36.0
120.0	400.0	1.5	0.0	33.8	140.0	400.0	1.5	0.0	34.8	160.0	400.0	1.5	0.0	35.7
120.0	410.0	1.5	0.0	33.7	140.0	410.0	1.5	0.0	34.6	160.0	410.0	1.5	0.0	35.4
120.0	420.0	1.5	0.0	33.6	140.0	420.0	1.5	0.0	34.3	160.0	420.0	1.5	0.0	35.1
120.0	430.0	1.5	0.0	33.3	140.0	430.0	1.5	0.0	34.1	160.0	430.0	1.5	0.0	34.8
120.0	440.0	1.5	0.0	33.2	140.0	440.0	1.5	0.0	33.9	160.0	440.0	1.5	0.0	34.6
120.0	450.0	1.5	0.0	32.9	140.0	450.0	1.5	0.0	33.7	160.0	450.0	1.5	0.0	34.2
120.0	460.0	1.5	0.0	32.7	140.0	460.0	1.5	0.0	33.3	160.0	460.0	1.5	0.0	34.0
120.0	470.0	1.5	0.0	32.4	140.0	470.0	1.5	0.0	33.0	160.0	470.0	1.5	0.0	33.7
120.0	480.0	1.5	0.0	32.2	140.0	480.0	1.5	0.0	32.8	160.0	480.0	1.5	0.0	33.4
120.0	490.0	1.5	0.0	31.9	140.0	490.0	1.5	0.0	32.6	160.0	490.0	1.5	0.0	33.1
120.0	500.0	1.5	0.0	31.7	140.0	500.0	1.5	0.0	32.4	160.0	500.0	1.5	0.0	32.7
120.0	510.0	1.5	0.0	31.6	140.0	510.0	1.5	0.0	32.0	160.0	510.0	1.5	0.0	32.4
120.0	520.0	1.5	0.0	31.3	140.0	520.0	1.5	0.0	31.6	160.0	520.0	1.5	0.0	32.0
120.0	530.0	1.5	0.0	31.0	140.0	530.0	1.5	0.0	31.4	160.0	530.0	1.5	0.0	31.7
120.0	540.0	1.5	0.0	30.7	140.0	540.0	1.5	0.0	31.1	160.0	540.0	1.5	0.0	31.4
120.0	550.0	1.5	0.0	30.5	140.0	550.0	1.5	0.0	30.7	160.0	550.0	1.5	0.0	31.1
120.0	560.0	1.5	0.0	30.3	140.0	560.0	1.5	0.0	30.5	160.0	560.0	1.5	0.0	30.8
120.0	570.0	1.5	0.0	29.9	140.0	570.0	1.5	0.0	30.3	160.0	570.0	1.5	0.0	30.8
120.0	580.0	1.5	0.0	29.6	140.0	580.0	1.5	0.0	29.9	160.0	580.0	1.5	0.0	30.5
120.0	590.0	1.5	0.0	29.5	140.0	590.0	1.5	0.0	29.7	160.0	590.0	1.5	0.0	30.3
120.0	600.0	1.5	0.0	29.2	140.0	600.0	1.5	0.0	29.7	160.0	600.0	1.5	0.0	29.9
130.0	0.0	1.5	0.0	28.1	150.0	0.0	1.5	0.0	28.4	170.0	0.0	1.5	0.0	28.6
130.0	10.0	1.5	0.0	28.1	150.0	10.0	1.5	0.0	28.8	170.0	10.0	1.5	0.0	28.8
130.0	20.0	1.5	0.0	28.2	150.0	20.0	1.5	0.0	29.1	170.0	20.0	1.5	0.0	29.1
130.0	30.0	1.5	0.0	28.7	150.0	30.0	1.5	0.0	29.1	170.0	30.0	1.5	0.0	29.5
130.0	40.0	1.5	0.0	28.9	150.0	40.0	1.5	0.0	29.2	170.0	40.0	1.5	0.0	29.7
130.0	50.0	1.5	0.0	29.2	150.0	50.0	1.5	0.0	29.3	170.0	50.0	1.5	0.0	30.2
130.0	60.0	1.5	0.0	29.5	150.0	60.0	1.5	0.0	29.8	170.0	60.0	1.5	0.0	30.5
130.0	70.0	1.5	0.0	29.6	150.0	70.0	1.5	0.0	30.1	170.0	70.0	1.5	0.0	30.5
130.0	80.0	1.5	0.0	29.8	150.0	80.0	1.5	0.0	30.4	170.0	80.0	1.5	0.0	30.6
130.0	90.0	1.5	0.0	30.1	150.0	90.0	1.5	0.0	30.7	170.0	90.0	1.5	0.0	31.0
130.0	100.0	1.5	0.0	30.3	150.0	100.0	1.5	0.0	30.8	170.0	100.0	1.5	0.0	31.5
130.0	110.0	1.5	0.0	30.7	150.0	110.0	1.5	0.0	31.1	170.0	110.0	1.5	0.0	31.7
130.0	120.0	1.5	0.0	30.9	150.0	120.0	1.5	0.0	31.4	170.0	120.0	1.5	0.0	32.1
130.0	130.0	1.5	0.0	31.1	150.0	130.0	1.5	0.0	31.7	170.0	130.0	1.5	0.0	32.2
130.0	140.0	1.5	0.0	31.4	150.0	140.0	1.5	0.0	32.0	170.0	140.0	1.5	0.0	32.5
130.0	150.0	1.5	0.0	31.7	150.0	150.0	1.5	0.0	32.2	170.0	150.0	1.5	0.0	32.8
130.0	160.0	1.5	0.0	32.0	150.0	160.0	1.5	0.0	32.6	170.0	160.0	1.5	0.0	33.2
130.0	170.0	1.5	0.0	32.1	150.0	170.0	1.5	0.0	32.9	170.0	170.0	1.5	0.0	33.5
130.0	180.0	1.5	0.0	32.6	150.0	180.0	1.5	0.0	33.1	170.0	180.0	1.5	0.0	34.0
130.0	190.0	1.5	0.0	32.6	150.0	190.0	1.5	0.0	33.6	170.0	190.0	1.5	0.0	34.4
130.0	200.0	1.5	0.0	32.9	150.0	200.0	1.5	0.0	33.6	170.0	200.0	1.5	0.0	34.5
130.0	210.0	1.5	0.0	33.2	150.0	210.0	1.5	0.0	34.0	170.0	210.0	1.5	0.0	34.9
130.0	220.0	1.5	0.0	33.4	150.0	220.0	1.5	0.0	34.3	170.0	220.0	1.5	0.0	35.3
130.0	230.0	1.5	0.0	33.7	150.0	230.0	1.5	0.0	34.7	170.0	230.0	1.5	0.0	35.6
130.0	240.0	1.5	0.0	34.1	150.0	240.0	1.5	0.0	34.9	170.0	240.0	1.5	0.0	36.0
130.0	250.0	1.5	0.0	34.4	150.0	250.0	1.5	0.0	35.4	170.0	250.0	1.5	0.0	36.4
130.0	260.0	1.5	0.0	34.3	150.0	260.0	1.5	0.0	35.5	170.0	260.0	1.5	0.0	36.8
130.0	270.0	1.5	0.0	34.6	150.0	270.0	1.5	0.0	35.6	170.0	270.0	1.5	0.0	36.8
130.0	280.0	1.5	0.0	34.8	150.0	280.0	1.5	0.0	35.9	170.0	280.0	1.5	0.0	37.1
130.0	290.0	1.5	0.0	34.8	150.0	290.0	1.5	0.0	36.0	170.0	290.0	1.5	0.0	37.3
130.0	292.0	1.5	0.0	34.8	150.0	292.0	1.5	0.0	36.0	170.0	292.0	1.5	0.0	37.3
130.0	295.0	1.5	0.0	35.0	150.0	295.0	1.5	0.0	36.1	170.0	295.0	1.5	0.0	37.5
130.0	300.0	1.5	0.0	34.9	150.0	300.0	1.5	0.0	36.2	170.0	300.0	1.5	0.0	37.5
130.0	310.0	1.5	0.0	34.9	150.0	310.0	1.5	0.0	36.1	170.0	310.0	1.5	0.0	37.5
130.0	320.0	1.5	0.0	35.0	150.0	320.0	1.5	0.0	36.2	170.0	320.0	1.5	0.0	37.5
130.0	330.0	1.5	0.0	35.1	150.0	330.0	1.5	0.0	36.2	170.0	330.0	1.5	0.0	37.5
130.0	333.5	1.5	0.0	35.1	150.0	333.5	1.5	0.0	36.2	170.0	333.5	1.5	0.0	37.5
130.0	340.0	1.5	0.0	35.1	150.0	340.0	1.5	0.0	36.2	170.0	340.0	1.5	0.0	37.4
130.0	350.0	1.5	0.0	35.0	150.0	350.0	1.5	0.0	36.1	170.0	350.0	1.5	0.0	37.3
130.0	360.0	1.5	0.0	34.9	150.0	360.0	1.5	0.0	36.0	170.0	360.0	1.5	0.0	37.0
130.0	370.0	1.5	0.0	34.7	150.0	370.0	1.5	0.0	35.8	170.0	370.0	1.5	0.0	37.0
130.0	380.0	1.5	0.0	34.7	150.0	380.0	1.5	0.0	35.6	170.0	380.0	1.5	0.0	36.8
130.0	390.0	1.5	0.0	34.5	150.0	390.0	1.5	0.0	35.5	170.0	390.0	1.5	0.0	36.5
130.0	400.0	1.5	0.0	34.5	150.0	400.0	1.5	0.0	35.2	170.0	400.0	1.5	0.0	36.1
130.0	410.0	1.5	0.0	34.1	150.0	410.0	1.5	0.0	35.0	170.0	410.0	1.5	0.0	35.9
130.0	420.0	1.5	0.0	33.9	150.0	420.0	1.5	0.0	34.8	170.0	420.0	1.5	0.0	35.5
130.0	430.0	1.5	0.0	33.7	150.0	430.0	1.5	0.0	34.4	170.0	430.0	1.5	0.0	35.3
130.0	440.0	1.5	0.0	33.5	150.0	440.0	1.5	0.0	34.3	170.0	440.0	1.5	0.0	34.8
130.0	450.0	1.5	0.0	33.2	150.0	450.0	1.5	0.0	33.9	170.0	450.0	1.5	0.0	34.6
130.0	460.0	1.5	0.0	33.0	150.0	460.0	1.5	0.0	33.6	170.0	460.0	1.5	0.0	34.3
130.0	470.0	1.5	0.0	32.7	150.0	470.0	1.5	0.0	33.4	170.0	470.0	1.5	0.0	34.0
130.0	480.0	1.5	0.0	32.4	150.0	480.0	1.5	0.0	33.1	170.0	480.0	1.5	0.0	33.7
130.0	490.0	1.5	0.0	32.3	150.0	490.0	1.5	0.0	32.8	170.0	490.0	1.5	0.0	33.2
130.0	500.0	1.5	0.0	32.1	150.0	500.0	1.5	0.0	32.6	170.0	500.0	1.5	0.0	32.9
130.0	510.0	1.5	0.0	31.9	150.0	510.0	1.5	0.0	32.1	170.0	510.0	1.5	0.0	32.6
130.0	520.0	1.5	0.0	31.5	150.0	520.0	1.5	0.0	31.9	170.0	520.0	1.5	0.0	32.2
130.0	530.0	1.5	0.0	31.2	150.0	530.0	1.5	0.0	31.5	170.0	530.0	1.5	0.0	32.0

170.0	540.0	1.5	0.0	31.7	190.0	540.0	1.5	0.0	32.1	210.0	540.0	1.5	0.0	32.4
170.0	550.0	1.5	0.0	31.5	190.0	550.0	1.5	0.0	31.8	210.0	550.0	1.5	0.0	32.0
170.0	560.0	1.5	0.0	31.2	190.0	560.0	1.5	0.0	31.5	210.0	560.0	1.5	0.0	31.8
170.0	570.0	1.5	0.0	31.0	190.0	570.0	1.5	0.0	31.2	210.0	570.0	1.5	0.0	31.5
170.0	580.0	1.5	0.0	30.6	190.0	580.0	1.5	0.0	30.9	210.0	580.0	1.5	0.0	31.1
170.0	590.0	1.5	0.0	30.3	190.0	590.0	1.5	0.0	30.5	210.0	590.0	1.5	0.0	30.7
170.0	600.0	1.5	0.0	30.1	190.0	600.0	1.5	0.0	30.3	210.0	600.0	1.5	0.0	30.4
180.0	0.0	1.5	0.0	28.7	200.0	0.0	1.5	0.0	28.9	220.0	0.0	1.5	0.0	29.1
180.0	10.0	1.5	0.0	28.9	200.0	10.0	1.5	0.0	29.1	220.0	10.0	1.5	0.0	29.4
180.0	20.0	1.5	0.0	29.2	200.0	20.0	1.5	0.0	29.4	220.0	20.0	1.5	0.0	29.7
180.0	30.0	1.5	0.0	29.5	200.0	30.0	1.5	0.0	29.7	220.0	30.0	1.5	0.0	30.1
180.0	40.0	1.5	0.0	29.8	200.0	40.0	1.5	0.0	30.0	220.0	40.0	1.5	0.0	30.3
180.0	50.0	1.5	0.0	30.2	200.0	50.0	1.5	0.0	30.3	220.0	50.0	1.5	0.0	30.6
180.0	60.0	1.5	0.0	30.5	200.0	60.0	1.5	0.0	30.7	220.0	60.0	1.5	0.0	30.9
180.0	70.0	1.5	0.0	31.0	200.0	70.0	1.5	0.0	31.0	220.0	70.0	1.5	0.0	31.2
180.0	80.0	1.5	0.0	31.2	200.0	80.0	1.5	0.0	31.3	220.0	80.0	1.5	0.0	31.6
180.0	90.0	1.5	0.0	31.3	200.0	90.0	1.5	0.0	31.8	220.0	90.0	1.5	0.0	32.0
180.0	100.0	1.5	0.0	31.5	200.0	100.0	1.5	0.0	32.3	220.0	100.0	1.5	0.0	32.4
180.0	110.0	1.5	0.0	31.9	200.0	110.0	1.5	0.0	32.8	220.0	110.0	1.5	0.0	32.8
180.0	120.0	1.5	0.0	32.3	200.0	120.0	1.5	0.0	32.9	220.0	120.0	1.5	0.0	33.2
180.0	130.0	1.5	0.0	32.6	200.0	130.0	1.5	0.0	33.1	220.0	130.0	1.5	0.0	33.7
180.0	140.0	1.5	0.0	32.8	200.0	140.0	1.5	0.0	33.5	220.0	140.0	1.5	0.0	34.3
180.0	150.0	1.5	0.0	33.2	200.0	150.0	1.5	0.0	33.9	220.0	150.0	1.5	0.0	34.6
180.0	160.0	1.5	0.0	33.5	200.0	160.0	1.5	0.0	34.2	220.0	160.0	1.5	0.0	35.0
180.0	170.0	1.5	0.0	33.9	200.0	170.0	1.5	0.0	34.6	220.0	170.0	1.5	0.0	35.5
180.0	180.0	1.5	0.0	34.3	200.0	180.0	1.5	0.0	34.9	220.0	180.0	1.5	0.0	35.9
180.0	190.0	1.5	0.0	34.7	200.0	190.0	1.5	0.0	35.4	220.0	190.0	1.5	0.0	36.3
180.0	200.0	1.5	0.0	35.2	200.0	200.0	1.5	0.0	36.0	220.0	200.0	1.5	0.0	36.8
180.0	210.0	1.5	0.0	35.4	200.0	210.0	1.5	0.0	36.5	220.0	210.0	1.5	0.0	37.3
180.0	220.0	1.5	0.0	35.7	200.0	220.0	1.5	0.0	37.0	220.0	220.0	1.5	0.0	38.1
180.0	230.0	1.5	0.0	36.2	200.0	230.0	1.5	0.0	37.3	220.0	230.0	1.5	0.0	38.8
180.0	240.0	1.5	0.0	36.6	200.0	240.0	1.5	0.0	37.9	220.0	240.0	1.5	0.0	39.4
180.0	250.0	1.5	0.0	37.0	200.0	250.0	1.5	0.0	38.4	220.0	250.0	1.5	0.0	40.1
180.0	260.0	1.5	0.0	37.4	200.0	260.0	1.5	0.0	38.9	220.0	260.0	1.5	0.0	40.8
180.0	270.0	1.5	0.0	37.5	200.0	270.0	1.5	0.0	39.3	220.0	270.0	1.5	0.0	41.4
180.0	280.0	1.5	0.0	37.8	200.0	280.0	1.5	0.0	39.5	220.0	280.0	1.5	0.0	41.9
180.0	290.0	1.5	0.0	38.1	200.0	290.0	1.5	0.0	39.8	220.0	290.0	1.5	0.0	42.2
180.0	292.0	1.5	0.0	38.1	200.0	292.0	1.5	0.0	39.9	220.0	292.0	1.5	0.0	42.3
180.0	295.0	1.5	0.0	38.2	200.0	295.0	1.5	0.0	40.0	220.0	295.0	1.5	0.0	42.4
180.0	300.0	1.5	0.0	38.3	200.0	300.0	1.5	0.0	40.1	220.0	300.0	1.5	0.0	42.5
180.0	310.0	1.5	0.0	38.2	200.0	310.0	1.5	0.0	40.0	220.0	310.0	1.5	0.0	42.4
180.0	320.0	1.5	0.0	38.2	200.0	320.0	1.5	0.0	40.0	220.0	320.0	1.5	0.0	42.3
180.0	330.0	1.5	0.0	38.2	200.0	330.0	1.5	0.0	39.9	220.0	330.0	1.5	0.0	41.8
180.0	333.5	1.5	0.0	38.2	200.0	333.5	1.5	0.0	39.8	220.0	333.5	1.5	0.0	41.7
180.0	340.0	1.5	0.0	38.1	200.0	340.0	1.5	0.0	39.6	220.0	340.0	1.5	0.0	41.6
180.0	350.0	1.5	0.0	38.0	200.0	350.0	1.5	0.0	39.5	220.0	350.0	1.5	0.0	41.2
180.0	360.0	1.5	0.0	37.7	200.0	360.0	1.5	0.0	39.2	220.0	360.0	1.5	0.0	40.8
180.0	370.0	1.5	0.0	37.6	200.0	370.0	1.5	0.0	38.9	220.0	370.0	1.5	0.0	40.3
180.0	380.0	1.5	0.0	37.3	200.0	380.0	1.5	0.0	38.5	220.0	380.0	1.5	0.0	39.8
180.0	390.0	1.5	0.0	36.9	200.0	390.0	1.5	0.0	38.1	220.0	390.0	1.5	0.0	39.3
180.0	400.0	1.5	0.0	36.7	200.0	400.0	1.5	0.0	37.7	220.0	400.0	1.5	0.0	38.8
180.0	410.0	1.5	0.0	36.3	200.0	410.0	1.5	0.0	37.2	220.0	410.0	1.5	0.0	38.4
180.0	420.0	1.5	0.0	36.0	200.0	420.0	1.5	0.0	36.9	220.0	420.0	1.5	0.0	37.8
180.0	430.0	1.5	0.0	35.6	200.0	430.0	1.5	0.0	36.5	220.0	430.0	1.5	0.0	37.3
180.0	440.0	1.5	0.0	35.3	200.0	440.0	1.5	0.0	36.1	220.0	440.0	1.5	0.0	36.9
180.0	450.0	1.5	0.0	35.0	200.0	450.0	1.5	0.0	35.7	220.0	450.0	1.5	0.0	36.4
180.0	460.0	1.5	0.0	34.6	200.0	460.0	1.5	0.0	35.2	220.0	460.0	1.5	0.0	36.0
180.0	470.0	1.5	0.0	34.3	200.0	470.0	1.5	0.0	34.8	220.0	470.0	1.5	0.0	35.5
180.0	480.0	1.5	0.0	33.9	200.0	480.0	1.5	0.0	34.5	220.0	480.0	1.5	0.0	34.9
180.0	490.0	1.5	0.0	33.5	200.0	490.0	1.5	0.0	34.2	220.0	490.0	1.5	0.0	34.4
180.0	500.0	1.5	0.0	33.2	200.0	500.0	1.5	0.0	33.8	220.0	500.0	1.5	0.0	34.0
180.0	510.0	1.5	0.0	32.9	200.0	510.0	1.5	0.0	33.4	220.0	510.0	1.5	0.0	33.6
180.0	520.0	1.5	0.0	32.5	200.0	520.0	1.5	0.0	33.0	220.0	520.0	1.5	0.0	33.2
180.0	530.0	1.5	0.0	32.3	200.0	530.0	1.5	0.0	32.6	220.0	530.0	1.5	0.0	33.0
180.0	540.0	1.5	0.0	32.0	200.0	540.0	1.5	0.0	32.2	220.0	540.0	1.5	0.0	32.7
180.0	550.0	1.5	0.0	31.7	200.0	550.0	1.5	0.0	32.0	220.0	550.0	1.5	0.0	32.3
180.0	560.0	1.5	0.0	31.3	200.0	560.0	1.5	0.0	31.6	220.0	560.0	1.5	0.0	31.8
180.0	570.0	1.5	0.0	31.0	200.0	570.0	1.5	0.0	31.2	220.0	570.0	1.5	0.0	31.5
180.0	580.0	1.5	0.0	30.8	200.0	580.0	1.5	0.0	31.0	220.0	580.0	1.5	0.0	31.2
180.0	590.0	1.5	0.0	30.5	200.0	590.0	1.5	0.0	30.7	220.0	590.0	1.5	0.0	30.9
180.0	600.0	1.5	0.0	30.2	200.0	600.0	1.5	0.0	30.4	220.0	600.0	1.5	0.0	30.6
190.0	0.0	1.5	0.0	28.8	210.0	0.0	1.5	0.0	29.1	230.0	0.0	1.5	0.0	29.2
190.0	10.0	1.5	0.0	29.0	210.0	10.0	1.5	0.0	29.3	230.0	10.0	1.5	0.0	29.5
190.0	20.0	1.5	0.0	29.3	210.0	20.0	1.5	0.0	29.6	230.0	20.0	1.5	0.0	29.8
190.0	30.0	1.5	0.0	29.6	210.0	30.0	1.5	0.0	29.8	230.0	30.0	1.5	0.0	30.1
190.0	40.0	1.5	0.0	29.9	210.0	40.0	1.5	0.0	30.2	230.0	40.0	1.5	0.0	30.4
190.0	50.0	1.5	0.0	30.2	210.0	50.0	1.5	0.0	30.5	230.0	50.0	1.5	0.0	30.7
190.0	60.0	1.5	0.0	30.5	210.0	60.0	1.5	0.0	30.8	230.0	60.0	1.5	0.0	31.1
190.0	70.0	1.5	0.0	31.0	210.0	70.0	1.5	0.0	31.1	230.0	70.0	1.5	0.0	31.5
190.0	80.0	1.5	0.0	31.3	210.0	80.0	1.5	0.0	31.5	230.0	80.0	1.5	0.0	31.8
190.0	90.0	1.5	0.0	31.9	210.0	90.0	1.5	0.0	31.9	230.0	90.0	1.5	0.0	32.1
190.0	100.0	1.5	0.0	32.0	210.0	100.0	1.5	0.0	32.2	230.0	100.0	1.5	0.0	32.5
190.0	110.0	1.5	0.0	32.1	210.0	110.0	1.5	0.0	32.7	230.0	110.0	1.5	0.0	32.9
190.0	120.0	1.5	0.0	32.5	210.0	120.0	1.5	0.0	33.2	230.0	120.0	1.5	0.0	33.3
190.0	130.0	1.5	0.0	32.9	210.0	130.0	1.5	0.0	33.5	230.0	130.0	1.5	0.0	33.8
190.0	140.0	1.5	0.0	33.3	210.0	140.0	1.5	0.0	33.8	230.0	140.0	1.5	0.0	34.2
190.0	150.0	1.5	0.0	33.4	210.0	150.0	1.5	0.0	34.2	230.0	150.0	1.5	0.0	34.8
190.0	160.0	1.5	0.0	33.9	210.0	160.0	1.5	0.0	34.6	230.0	160.0	1.5	0.0	35.6
190.0	170.0	1.5	0.0	34.1	210.0	170.0	1.5	0.0	35.1	230.0	170.0	1.5	0.0	35.7
190.0	180.0	1.5	0.0	34.6	210.0	180.0	1.5	0.0	35.4	230.0	180.0	1.5	0.0	36.5
190.0	190.0	1.5	0.0	35.1	210.0	190.0	1.5	0.0	35.8	230.0	190.0	1.5	0.0	36.9
190.0	200.0	1.5	0.0	35.6	210.0	200.0	1.5	0.0	36.3	230.0	200.0	1.5	0.0	37.3
190.0	210.0	1.5	0.0	36.1	210.0	210.0	1.5	0.0	37.0	230.0	210.0	1.5	0.0	37.9
190.0	220.0	1.5	0.0	36.4	210.0	220.0	1.5	0.0	37.6	230.0	220.0	1.5	0.0	38.5
190.0	230.0	1.5	0.0	36.7	210.0	230.0	1.5	0.0	38.2	230.0	230.0	1.5	0.0	39.3
190.0	240.0	1.5	0.0	37.2	210.0	240.0	1.5	0.0	38.5	230.0	240.0	1.5	0.0	40.3
190.0	250.0	1.5	0.0	37.7	210.0	250.0	1.5	0.0	39.2	230.0	250.0	1.5	0.0	41.0
190.0	260.0	1.5	0.0	38.1	210.0	260.0	1.5	0.0	39.8	230.0	260.0	1.5	0.0	42.0
190.0	270.0	1.5	0.0	38.5	210.0	270.0	1.5	0.0	40.2	230.0	270.0	1.5	0.0	42.9
190.0	280.0	1.5	0.0	38.6	210.0	280.0	1.5	0.0	40.7	230.0	280.0	1.5	0.0	43.5
190.0	290.0	1.5	0.0	38.9	210.0	290.0	1.5	0.0	40.9	230.0	290.0	1.5	0.0	44.0
190.0	292.0	1.5	0.0	39.0	210.0	292.0	1.5	0.0	41.0	230.0	292.0	1.5	0.0	44.1
190.0	295.0	1.5	0.0	39.1	210.0	295.0	1.5	0.0	41.1	230.0	295.0	1.5	0.0	44.2
190.0	300.0	1.5	0.0	39.1	210.0	300.0	1.5	0.0	41.2	230.0	300.0	1.5	0.0	44.3
190.0	310.0	1.5	0.0	39.1	210.0	310.0	1.5	0.0	41.1	230.0	310.0	1.5	0.0	44.1
190.0	320.0	1.5	0.0	39.1	210.0	320.0	1.5	0.0	41.0	230.0	320.0	1.5	0.0	43.6
190.0	330.0	1.5	0.0	39.0	210.0	330.0	1.5	0.0	40.8	230.0	330.0	1.5	0.0	43.2
190.0	333.5	1.5	0.0	39.0	210.0	333.5	1.5	0.0	40.7	230.0	333.5	1.5	0.0	43.1
190.0	340.0	1.5	0.0	38.8	210.0	340.0	1.5	0.0	40.5	230.0	340.0	1.5	0.0	42.7
190.0	350.0	1.5	0.0	38.6	210.0	350.0	1.5	0.0	40.3	230.0	350.0	1.5	0.0	42.2
190.0	360.0	1.5	0.0	38.5	210.0	360.0	1.5	0.0	40.0	230.0	360.0	1.5	0.0	41.6
190.0	370.0	1.5	0.0	38.3	210.0	370.0	1.5	0.0	39.6	230.0	370.0	1.5	0.0	41.1
190.0	380.0	1.5	0.0	37.9	210.0	380.0	1.5	0.0	39.1	230.0	380.0	1.5	0.0	40.5
190.0	390.0	1.5	0.0	37.5	210.0	390.0	1.5	0.0	38.7	230.0	390.0	1.5	0.0	40.0
190.0	400.0	1.5	0.0	37.2	210.0	400.0	1.5	0.0	38.2	230.0	400.0	1.5	0.0	39.4
190.0	410.0	1.5	0.0	36.8	210.0	410.0	1.5	0.0	37.8	230.0	410.0	1.5	0.0	38.9
190.0	420.0	1.5	0.0	36.4	210.0	420.0	1.5	0.0	37.3	230.0	420.0	1.5	0.0	38.3
190.0	430.0	1.5	0.0	36.1	210.0	430.0	1.5	0.0	36.9	230.0	430.0	1.5	0.0	37.8
190.0	440.0	1.5	0.0	35.8	210.0	440.0	1.5	0.0	36.5	230.0	440.0	1.5	0.0	37.3
190.0	450.0	1.5	0.0	35.4	210.0	450.0	1.5	0.0	36.0	230.0	450.0	1.5	0.0	36.7
190.0	460.0	1.5	0.0	34.9	210.0	460.0	1.5	0.0	35.6	230.0	460.0	1.5	0.0	36.1
190.0	470.0	1.5	0.0	34.6	210.0	470.0	1.5	0.0	35.2	230.0	470.0	1.5	0.0	35.6
190.0	480.0	1.5	0.0	34.1	210.0	480.0	1.5	0.0	34.8	230.0	480.0	1.5	0.0	35.0
190.0	490.0	1.5	0.0	33.8	210.0	490.0	1.5	0.0	34.4	230.0	490.0	1.5	0.0	34.7
190.0	500.0	1.5	0.0	33.4	210.0	500.0	1.5	0.0	33.9	230.0	500.0	1.5	0.0	34.2
190.0	510.0	1.5	0.0	33.2	210.0	510.0	1.5	0.0	33.5	230.0	510.0	1.5	0.0	34.0
190.0	520.0	1.5	0.0	32.8	210.0	520.0	1.5	0.0	33.1	230.0	520.0	1.5	0.0	33.6
190.0	530.0	1.5	0.0	32.5	210.0	530.0	1.5	0.0	32.7	230.0	530.0	1.5	0.0	33.1

230.0	540.0	1.5	0.0	32.7	250.0	540.0	1.5	0.0	33.1	270.0	540.0	1.5	0.0	33.2
230.0	550.0	1.5	0.0	32.3	250.0	550.0	1.5	0.0	32.8	270.0	550.0	1.5	0.0	32.8
230.0	560.0	1.5	0.0	32.0	250.0	560.0	1.5	0.0	32.4	270.0	560.0	1.5	0.0	32.5
230.0	570.0	1.5	0.0	31.7	250.0	570.0	1.5	0.0	32.0	270.0	570.0	1.5	0.0	32.1
230.0	580.0	1.5	0.0	31.3	250.0	580.0	1.5	0.0	31.7	270.0	580.0	1.5	0.0	31.8
230.0	590.0	1.5	0.0	31.0	250.0	590.0	1.5	0.0	31.4	270.0	590.0	1.5	0.0	31.4
230.0	600.0	1.5	0.0	30.9	250.0	600.0	1.5	0.0	31.0	270.0	600.0	1.5	0.0	31.0
240.0	0.0	1.5	0.0	29.3	260.0	0.0	1.5	0.0	29.1	280.0	0.0	1.5	0.0	29.4
240.0	10.0	1.5	0.0	29.7	260.0	10.0	1.5	0.0	29.4	280.0	10.0	1.5	0.0	29.7
240.0	20.0	1.5	0.0	30.0	260.0	20.0	1.5	0.0	29.8	280.0	20.0	1.5	0.0	30.0
240.0	30.0	1.5	0.0	30.2	260.0	30.0	1.5	0.0	30.0	280.0	30.0	1.5	0.0	30.3
240.0	40.0	1.5	0.0	30.5	260.0	40.0	1.5	0.0	30.4	280.0	40.0	1.5	0.0	30.6
240.0	50.0	1.5	0.0	30.9	260.0	50.0	1.5	0.0	30.8	280.0	50.0	1.5	0.0	31.0
240.0	60.0	1.5	0.0	31.2	260.0	60.0	1.5	0.0	31.2	280.0	60.0	1.5	0.0	31.2
240.0	70.0	1.5	0.0	31.6	260.0	70.0	1.5	0.0	31.6	280.0	70.0	1.5	0.0	31.6
240.0	80.0	1.5	0.0	31.9	260.0	80.0	1.5	0.0	31.9	280.0	80.0	1.5	0.0	31.9
240.0	90.0	1.5	0.0	32.3	260.0	90.0	1.5	0.0	32.3	280.0	90.0	1.5	0.0	32.3
240.0	100.0	1.5	0.0	32.7	260.0	100.0	1.5	0.0	32.8	280.0	100.0	1.5	0.0	32.8
240.0	110.0	1.5	0.0	33.1	260.0	110.0	1.5	0.0	33.4	280.0	110.0	1.5	0.0	33.3
240.0	120.0	1.5	0.0	33.5	260.0	120.0	1.5	0.0	33.8	280.0	120.0	1.5	0.0	33.8
240.0	130.0	1.5	0.0	33.9	260.0	130.0	1.5	0.0	34.3	280.0	130.0	1.5	0.0	34.2
240.0	140.0	1.5	0.0	34.4	260.0	140.0	1.5	0.0	34.7	280.0	140.0	1.5	0.0	34.7
240.0	150.0	1.5	0.0	34.9	260.0	150.0	1.5	0.0	35.3	280.0	150.0	1.5	0.0	35.4
240.0	160.0	1.5	0.0	35.4	260.0	160.0	1.5	0.0	35.8	280.0	160.0	1.5	0.0	36.0
240.0	170.0	1.5	0.0	36.1	260.0	170.0	1.5	0.0	36.4	280.0	170.0	1.5	0.0	36.6
240.0	180.0	1.5	0.0	36.7	260.0	180.0	1.5	0.0	37.0	280.0	180.0	1.5	0.0	37.3
240.0	190.0	1.5	0.0	37.3	260.0	190.0	1.5	0.0	37.7	280.0	190.0	1.5	0.0	37.9
240.0	200.0	1.5	0.0	38.1	260.0	200.0	1.5	0.0	38.5	280.0	200.0	1.5	0.0	38.7
240.0	210.0	1.5	0.0	38.5	260.0	210.0	1.5	0.0	39.7	280.0	210.0	1.5	0.0	39.7
240.0	220.0	1.5	0.0	39.1	260.0	220.0	1.5	0.0	40.4	280.0	220.0	1.5	0.0	40.7
240.0	230.0	1.5	0.0	40.0	260.0	230.0	1.5	0.0	41.6	280.0	230.0	1.5	0.0	42.0
240.0	240.0	1.5	0.0	41.1	260.0	240.0	1.5	0.0	42.8	280.0	240.0	1.5	0.0	43.4
240.0	250.0	1.5	0.0	42.2	260.0	250.0	1.5	0.0	44.8	280.0	250.0	1.5	0.0	45.3
240.0	260.0	1.5	0.0	43.3	260.0	260.0	1.5	0.0	49.0	280.0	260.0	1.5	0.0	47.9
240.0	270.0	1.5	0.0	44.5	260.0	270.0	1.5	0.0	50.1	280.0	270.0	1.5	0.0	50.6
240.0	280.0	1.5	0.0	45.8	260.0	280.0	1.5	0.0	50.4	280.0	280.0	1.5	0.0	61.1
240.0	290.0	1.5	0.0	46.7	260.0	290.0	1.5	0.0	64.0	280.0	290.0	1.5	0.0	52.6
240.0	292.0	1.5	0.0	46.7	260.0	292.0	1.5	0.0	57.7	280.0	292.0	1.5	0.0	52.6
240.0	295.0	1.5	0.0	46.8	260.0	295.0	1.5	0.0	52.7	280.0	295.0	1.5	0.0	52.4
240.0	300.0	1.5	0.0	46.9	260.0	300.0	1.5	0.0	50.5	280.0	300.0	1.5	0.0	51.4
240.0	310.0	1.5	0.0	46.7	260.0	310.0	1.5	0.0	49.5	280.0	310.0	1.5	0.0	49.9
240.0	320.0	1.5	0.0	45.4	260.0	320.0	1.5	0.0	52.4	280.0	320.0	1.5	0.0	51.7
240.0	330.0	1.5	0.0	44.6	260.0	330.0	1.5	0.0	50.2	280.0	330.0	1.5	0.0	54.6
240.0	333.5	1.5	0.0	44.3	260.0	333.5	1.5	0.0	48.4	280.0	333.5	1.5	0.0	55.7
240.0	340.0	1.5	0.0	43.8	260.0	340.0	1.5	0.0	46.9	280.0	340.0	1.5	0.0	52.0
240.0	350.0	1.5	0.0	43.2	260.0	350.0	1.5	0.0	45.8	280.0	350.0	1.5	0.0	50.1
240.0	360.0	1.5	0.0	42.6	260.0	360.0	1.5	0.0	45.0	280.0	360.0	1.5	0.0	50.8
240.0	370.0	1.5	0.0	42.0	260.0	370.0	1.5	0.0	44.1	280.0	370.0	1.5	0.0	47.3
240.0	380.0	1.5	0.0	41.3	260.0	380.0	1.5	0.0	43.1	280.0	380.0	1.5	0.0	45.0
240.0	390.0	1.5	0.0	40.7	260.0	390.0	1.5	0.0	42.1	280.0	390.0	1.5	0.0	43.3
240.0	400.0	1.5	0.0	40.0	260.0	400.0	1.5	0.0	41.2	280.0	400.0	1.5	0.0	42.1
240.0	410.0	1.5	0.0	39.4	260.0	410.0	1.5	0.0	40.3	280.0	410.0	1.5	0.0	41.1
240.0	420.0	1.5	0.0	38.8	260.0	420.0	1.5	0.0	39.5	280.0	420.0	1.5	0.0	40.1
240.0	430.0	1.5	0.0	38.2	260.0	430.0	1.5	0.0	38.7	280.0	430.0	1.5	0.0	39.3
240.0	440.0	1.5	0.0	37.5	260.0	440.0	1.5	0.0	38.1	280.0	440.0	1.5	0.0	38.6
240.0	450.0	1.5	0.0	36.9	260.0	450.0	1.5	0.0	37.4	280.0	450.0	1.5	0.0	37.9
240.0	460.0	1.5	0.0	36.4	260.0	460.0	1.5	0.0	36.8	280.0	460.0	1.5	0.0	37.3
240.0	470.0	1.5	0.0	35.8	260.0	470.0	1.5	0.0	36.3	280.0	470.0	1.5	0.0	36.7
240.0	480.0	1.5	0.0	35.4	260.0	480.0	1.5	0.0	35.9	280.0	480.0	1.5	0.0	36.1
240.0	490.0	1.5	0.0	35.0	260.0	490.0	1.5	0.0	35.4	280.0	490.0	1.5	0.0	35.6
240.0	500.0	1.5	0.0	34.5	260.0	500.0	1.5	0.0	34.9	280.0	500.0	1.5	0.0	35.1
240.0	510.0	1.5	0.0	34.1	260.0	510.0	1.5	0.0	34.5	280.0	510.0	1.5	0.0	34.7
240.0	520.0	1.5	0.0	33.6	260.0	520.0	1.5	0.0	33.9	280.0	520.0	1.5	0.0	34.1
240.0	530.0	1.5	0.0	33.2	260.0	530.0	1.5	0.0	33.5	280.0	530.0	1.5	0.0	33.7
240.0	540.0	1.5	0.0	32.8	260.0	540.0	1.5	0.0	33.2	280.0	540.0	1.5	0.0	33.3
240.0	550.0	1.5	0.0	32.5	260.0	550.0	1.5	0.0	32.8	280.0	550.0	1.5	0.0	32.9
240.0	560.0	1.5	0.0	32.3	260.0	560.0	1.5	0.0	32.5	280.0	560.0	1.5	0.0	32.5
240.0	570.0	1.5	0.0	31.9	260.0	570.0	1.5	0.0	32.0	280.0	570.0	1.5	0.0	32.1
240.0	580.0	1.5	0.0	31.6	260.0	580.0	1.5	0.0	31.7	280.0	580.0	1.5	0.0	31.8
240.0	590.0	1.5	0.0	31.4	260.0	590.0	1.5	0.0	31.4	280.0	590.0	1.5	0.0	31.4
240.0	600.0	1.5	0.0	31.1	260.0	600.0	1.5	0.0	31.0	280.0	600.0	1.5	0.0	31.0
250.0	0.0	1.5	0.0	29.0	270.0	0.0	1.5	0.0	29.2	290.0	0.0	1.5	0.0	29.3
250.0	10.0	1.5	0.0	29.3	270.0	10.0	1.5	0.0	29.5	290.0	10.0	1.5	0.0	29.6
250.0	20.0	1.5	0.0	29.7	270.0	20.0	1.5	0.0	29.9	290.0	20.0	1.5	0.0	29.9
250.0	30.0	1.5	0.0	30.1	270.0	30.0	1.5	0.0	30.2	290.0	30.0	1.5	0.0	30.3
250.0	40.0	1.5	0.0	30.4	270.0	40.0	1.5	0.0	30.6	290.0	40.0	1.5	0.0	30.6
250.0	50.0	1.5	0.0	31.0	270.0	50.0	1.5	0.0	30.8	290.0	50.0	1.5	0.0	31.1
250.0	60.0	1.5	0.0	31.3	270.0	60.0	1.5	0.0	31.2	290.0	60.0	1.5	0.0	31.4
250.0	70.0	1.5	0.0	31.8	270.0	70.0	1.5	0.0	31.6	290.0	70.0	1.5	0.0	31.8
250.0	80.0	1.5	0.0	32.0	270.0	80.0	1.5	0.0	32.0	290.0	80.0	1.5	0.0	32.1
250.0	90.0	1.5	0.0	32.4	270.0	90.0	1.5	0.0	32.4	290.0	90.0	1.5	0.0	32.5
250.0	100.0	1.5	0.0	32.8	270.0	100.0	1.5	0.0	32.8	290.0	100.0	1.5	0.0	33.0
250.0	110.0	1.5	0.0	33.2	270.0	110.0	1.5	0.0	33.2	290.0	110.0	1.5	0.0	33.4
250.0	120.0	1.5	0.0	33.6	270.0	120.0	1.5	0.0	33.7	290.0	120.0	1.5	0.0	33.9
250.0	130.0	1.5	0.0	34.1	270.0	130.0	1.5	0.0	34.2	290.0	130.0	1.5	0.0	34.4
250.0	140.0	1.5	0.0	34.6	270.0	140.0	1.5	0.0	34.8	290.0	140.0	1.5	0.0	34.9
250.0	150.0	1.5	0.0	35.0	270.0	150.0	1.5	0.0	35.3	290.0	150.0	1.5	0.0	35.5
250.0	160.0	1.5	0.0	35.6	270.0	160.0	1.5	0.0	35.9	290.0	160.0	1.5	0.0	36.1
250.0	170.0	1.5	0.0	36.2	270.0	170.0	1.5	0.0	36.6	290.0	170.0	1.5	0.0	36.7
250.0	180.0	1.5	0.0	36.8	270.0	180.0	1.5	0.0	37.3	290.0	180.0	1.5	0.0	37.3
250.0	190.0	1.5	0.0	37.7	270.0	190.0	1.5	0.0	37.9	290.0	190.0	1.5	0.0	38.0
250.0	200.0	1.5	0.0	38.4	270.0	200.0	1.5	0.0	38.7	290.0	200.0	1.5	0.0	38.8
250.0	210.0	1.5	0.0	39.1	270.0	210.0	1.5	0.0	39.5	290.0	210.0	1.5	0.0	39.7
250.0	220.0	1.5	0.0	40.0	270.0	220.0	1.5	0.0	40.6	290.0	220.0	1.5	0.0	40.7
250.0	230.0	1.5	0.0	40.8	270.0	230.0	1.5	0.0	42.0	290.0	230.0	1.5	0.0	41.8
250.0	240.0	1.5	0.0	41.9	270.0	240.0	1.5	0.0	43.3	290.0	240.0	1.5	0.0	43.3
250.0	250.0	1.5	0.0	43.4	270.0	250.0	1.5	0.0	45.4	290.0	250.0	1.5	0.0	45.2
250.0	260.0	1.5	0.0	45.3	270.0	260.0	1.5	0.0	49.5	290.0	260.0	1.5	0.0	48.7
250.0	270.0	1.5	0.0	46.6	270.0	270.0	1.5	0.0	52.2	290.0	270.0	1.5	0.0	57.3
250.0	280.0	1.5	0.0	49.0	270.0	280.0	1.5	0.0	54.0	290.0	280.0	1.5	0.0	50.3
250.0	290.0	1.5	0.0	53.9	270.0	290.0	1.5	0.0	54.8	290.0	290.0	1.5	0.0	-1.0
250.0	292.0	1.5	0.0	52.0	270.0	292.0	1.5	0.0	55.1	290.0	292.0	1.5	0.0	-1.0
250.0	295.0	1.5	0.0	50.4	270.0	295.0	1.5	0.0	57.9	290.0	295.0	1.5	0.0	-1.0
250.0	300.0	1.5	0.0	50.9	270.0	300.0	1.5	0.0	53.1	290.0	300.0	1.5	0.0	-1.0
250.0	310.0	1.5	0.0	52.6	270.0	310.0	1.5	0.0	49.3	290.0	310.0	1.5	0.0	51.0
250.0	320.0	1.5	0.0	47.6	270.0	320.0	1.5	0.0	50.4	290.0	320.0	1.5	0.0	51.9
250.0	330.0	1.5	0.0	46.6	270.0	330.0	1.5	0.0	50.5	290.0	330.0	1.5	0.0	52.0
250.0	333.5	1.5	0.0	46.1	270.0	333.5	1.5	0.0	49.7	290.0	333.5	1.5	0.0	52.3
250.0	340.0	1.5	0.0	45.3	270.0	340.0	1.5	0.0	48.7	290.0	340.0	1.5	0.0	54.8
250.0	350.0	1.5	0.0	44.4	270.0	350.0	1.5	0.0	47.5	290.0	350.0	1.5	0.0	54.4
250.0	360.0	1.5	0.0	43.7	270.0	360.0	1.5	0.0	46.7	290.0	360.0	1.5	0.0	53.9
250.0	370.0	1.5	0.0	43.0	270.0	370.0	1.5	0.0	45.4	290.0	370.0	1.5	0.0	48.5
250.0	380.0	1.5	0.0	42.2	270.0	380.0	1.5	0.0	44.0	290.0	380.0	1.5	0.0	45.6
250.0	390.0	1.5	0.0	41.4	270.0	390.0	1.5	0.0	42.7	290.0	390.0	1.5	0.0	43.8
250.0	400.0	1.5	0.0	40.6	270.0	400.0	1.5	0.0	41.7	290.0	400.0	1.5	0.0	42.4
250.0	410.0	1.5	0.0	39.9	270.0	410.0	1.5	0.0	40.7	290.0	410.0	1.5	0.0	41.3
250.0	420.0	1.5	0.0	39.2	270.0	420.0	1.5	0.0	39.8	290.0	420.0	1.5	0.0	40.4
250.0	430.0	1.5	0.0	38.4	270.0	430.0	1.5	0.0	39.0	290.0	430.0	1.5	0.0	39.6
250.0	440.0	1.5	0.0	37.8	270.0	440.0	1.5	0.0	38.3	290.0	440.0	1.5	0.0	38.8
250.0	450.0	1.5	0.0	37.1	270.0	450.0	1.5	0.0	37.8	290.0	450.0	1.5	0.0	38.1
250.0	460.0	1.5	0.0	36.6	270.0	460.0	1.5	0.0	37.2	290.0	460.0	1.5	0.0	37.4
250.0	470.0	1.5	0.0	36.1	270.0	470.0	1.5	0.0	36.5	290.0	470.0	1.5	0.0	36.9
250.0	480.0	1.5	0.0	35.6	270.0	480.0	1.5	0.0	35.9	290.0	480.0	1.5	0.0	36.3
250.0	490.0	1.5	0.0	35.1	270.0	490.0	1.5	0.0	35.4	290.0	490.0	1.5	0.0	35.7
250.0	500.0	1.5	0.0	34.6	270.0	500.0	1.5	0.0	34.9	290.0	500.0	1.5	0.0	35.3
250.0	510.0	1.5	0.0	34.2	270.0	510.0	1.5	0.0	34.6	290.0	510.0	1.5	0.0	34.8
250.0	520.0	1.5	0.0	33.9	270.0	520.0	1.5	0.0	34.1	290.0	520.0	1.5	0.0	34.3
250.0	530.0	1.5	0.0	33.5	270.0	530.0	1.5	0.0	33.7	290.0	530.0	1.5	0.0	33.9

290.0	540.0	1.5	0.0	33.4	300.0	540.0	1.5	0.0	33.2	310.0	540.0	1.5	0.0	33.4
290.0	550.0	1.5	0.0	33.0	300.0	550.0	1.5	0.0	32.8	310.0	550.0	1.5	0.0	33.0
290.0	560.0	1.5	0.0	32.6	300.0	560.0	1.5	0.0	32.4	310.0	560.0	1.5	0.0	32.6
290.0	570.0	1.5	0.0	32.2	300.0	570.0	1.5	0.0	32.1	310.0	570.0	1.5	0.0	32.2
290.0	580.0	1.5	0.0	31.7	300.0	580.0	1.5	0.0	31.7	310.0	580.0	1.5	0.0	31.9
290.0	590.0	1.5	0.0	31.4	300.0	590.0	1.5	0.0	31.5	310.0	590.0	1.5	0.0	31.5
290.0	600.0	1.5	0.0	31.1	300.0	600.0	1.5	0.0	31.1	310.0	600.0	1.5	0.0	31.2
291.5	0.0	1.5	0.0	29.3	305.0	0.0	1.5	0.0	29.5	320.0	0.0	1.5	0.0	29.5
291.5	10.0	1.5	0.0	29.6	305.0	10.0	1.5	0.0	29.8	320.0	10.0	1.5	0.0	29.8
291.5	20.0	1.5	0.0	29.9	305.0	20.0	1.5	0.0	30.1	320.0	20.0	1.5	0.0	30.1
291.5	30.0	1.5	0.0	30.3	305.0	30.0	1.5	0.0	30.4	320.0	30.0	1.5	0.0	30.5
291.5	40.0	1.5	0.0	30.6	305.0	40.0	1.5	0.0	30.7	320.0	40.0	1.5	0.0	30.8
291.5	50.0	1.5	0.0	31.0	305.0	50.0	1.5	0.0	31.1	320.0	50.0	1.5	0.0	31.2
291.5	60.0	1.5	0.0	31.3	305.0	60.0	1.5	0.0	31.4	320.0	60.0	1.5	0.0	31.5
291.5	70.0	1.5	0.0	31.7	305.0	70.0	1.5	0.0	31.8	320.0	70.0	1.5	0.0	31.9
291.5	80.0	1.5	0.0	32.2	305.0	80.0	1.5	0.0	32.2	320.0	80.0	1.5	0.0	32.3
291.5	90.0	1.5	0.0	32.5	305.0	90.0	1.5	0.0	32.6	320.0	90.0	1.5	0.0	32.7
291.5	100.0	1.5	0.0	33.1	305.0	100.0	1.5	0.0	33.0	320.0	100.0	1.5	0.0	33.1
291.5	110.0	1.5	0.0	33.5	305.0	110.0	1.5	0.0	33.5	320.0	110.0	1.5	0.0	33.6
291.5	120.0	1.5	0.0	34.0	305.0	120.0	1.5	0.0	34.0	320.0	120.0	1.5	0.0	34.0
291.5	130.0	1.5	0.0	34.5	305.0	130.0	1.5	0.0	34.4	320.0	130.0	1.5	0.0	34.6
291.5	140.0	1.5	0.0	35.1	305.0	140.0	1.5	0.0	35.0	320.0	140.0	1.5	0.0	35.1
291.5	150.0	1.5	0.0	35.6	305.0	150.0	1.5	0.0	35.5	320.0	150.0	1.5	0.0	35.7
291.5	160.0	1.5	0.0	36.2	305.0	160.0	1.5	0.0	36.1	320.0	160.0	1.5	0.0	36.4
291.5	170.0	1.5	0.0	36.9	305.0	170.0	1.5	0.0	36.7	320.0	170.0	1.5	0.0	37.1
291.5	180.0	1.5	0.0	37.4	305.0	180.0	1.5	0.0	37.4	320.0	180.0	1.5	0.0	37.8
291.5	190.0	1.5	0.0	38.1	305.0	190.0	1.5	0.0	38.1	320.0	190.0	1.5	0.0	38.4
291.5	200.0	1.5	0.0	38.9	305.0	200.0	1.5	0.0	39.0	320.0	200.0	1.5	0.0	39.1
291.5	210.0	1.5	0.0	39.8	305.0	210.0	1.5	0.0	40.0	320.0	210.0	1.5	0.0	39.9
291.5	220.0	1.5	0.0	40.8	305.0	220.0	1.5	0.0	40.9	320.0	220.0	1.5	0.0	40.7
291.5	230.0	1.5	0.0	41.9	305.0	230.0	1.5	0.0	42.0	320.0	230.0	1.5	0.0	41.9
291.5	240.0	1.5	0.0	43.2	305.0	240.0	1.5	0.0	43.4	320.0	240.0	1.5	0.0	43.1
291.5	250.0	1.5	0.0	45.1	305.0	250.0	1.5	0.0	45.0	320.0	250.0	1.5	0.0	44.3
291.5	260.0	1.5	0.0	48.6	305.0	260.0	1.5	0.0	46.6	320.0	260.0	1.5	0.0	45.7
291.5	270.0	1.5	0.0	54.7	305.0	270.0	1.5	0.0	49.4	320.0	270.0	1.5	0.0	47.5
291.5	280.0	1.5	0.0	50.1	305.0	280.0	1.5	0.0	52.2	320.0	280.0	1.5	0.0	49.2
291.5	290.0	1.5	0.0	-1.0	305.0	290.0	1.5	0.0	-1.0	320.0	290.0	1.5	0.0	49.8
291.5	292.0	1.5	0.0	-1.0	305.0	292.0	1.5	0.0	-1.0	320.0	292.0	1.5	0.0	50.0
291.5	295.0	1.5	0.0	-1.0	305.0	295.0	1.5	0.0	-1.0	320.0	295.0	1.5	0.0	50.3
291.5	300.0	1.5	0.0	-1.0	305.0	300.0	1.5	0.0	-1.0	320.0	300.0	1.5	0.0	51.2
291.5	310.0	1.5	0.0	-1.0	305.0	310.0	1.5	0.0	53.7	320.0	310.0	1.5	0.0	58.8
291.5	320.0	1.5	0.0	52.4	305.0	320.0	1.5	0.0	54.2	320.0	320.0	1.5	0.0	54.3
291.5	330.0	1.5	0.0	51.8	305.0	330.0	1.5	0.0	58.0	320.0	330.0	1.5	0.0	52.3
291.5	333.5	1.5	0.0	51.9	305.0	333.5	1.5	0.0	55.7	320.0	333.5	1.5	0.0	52.2
291.5	340.0	1.5	0.0	53.6	305.0	340.0	1.5	0.0	52.3	320.0	340.0	1.5	0.0	52.7
291.5	350.0	1.5	0.0	56.6	305.0	350.0	1.5	0.0	51.2	320.0	350.0	1.5	0.0	61.2
291.5	360.0	1.5	0.0	52.7	305.0	360.0	1.5	0.0	52.4	320.0	360.0	1.5	0.0	54.2
291.5	370.0	1.5	0.0	48.5	305.0	370.0	1.5	0.0	48.3	320.0	370.0	1.5	0.0	47.9
291.5	380.0	1.5	0.0	45.7	305.0	380.0	1.5	0.0	45.8	320.0	380.0	1.5	0.0	45.5
291.5	390.0	1.5	0.0	43.9	305.0	390.0	1.5	0.0	44.0	320.0	390.0	1.5	0.0	43.9
291.5	400.0	1.5	0.0	42.5	305.0	400.0	1.5	0.0	42.7	320.0	400.0	1.5	0.0	42.6
291.5	410.0	1.5	0.0	41.4	305.0	410.0	1.5	0.0	41.6	320.0	410.0	1.5	0.0	41.5
291.5	420.0	1.5	0.0	40.4	305.0	420.0	1.5	0.0	40.5	320.0	420.0	1.5	0.0	40.5
291.5	430.0	1.5	0.0	39.6	305.0	430.0	1.5	0.0	39.7	320.0	430.0	1.5	0.0	39.7
291.5	440.0	1.5	0.0	38.8	305.0	440.0	1.5	0.0	38.9	320.0	440.0	1.5	0.0	38.8
291.5	450.0	1.5	0.0	38.1	305.0	450.0	1.5	0.0	38.2	320.0	450.0	1.5	0.0	37.9
291.5	460.0	1.5	0.0	37.5	305.0	460.0	1.5	0.0	37.6	320.0	460.0	1.5	0.0	37.3
291.5	470.0	1.5	0.0	36.9	305.0	470.0	1.5	0.0	37.0	320.0	470.0	1.5	0.0	36.6
291.5	480.0	1.5	0.0	36.4	305.0	480.0	1.5	0.0	36.4	320.0	480.0	1.5	0.0	36.2
291.5	490.0	1.5	0.0	35.8	305.0	490.0	1.5	0.0	35.8	320.0	490.0	1.5	0.0	35.6
291.5	500.0	1.5	0.0	35.3	305.0	500.0	1.5	0.0	35.2	320.0	500.0	1.5	0.0	35.2
291.5	510.0	1.5	0.0	34.8	305.0	510.0	1.5	0.0	34.7	320.0	510.0	1.5	0.0	34.6
291.5	520.0	1.5	0.0	34.4	305.0	520.0	1.5	0.0	34.1	320.0	520.0	1.5	0.0	34.2
291.5	530.0	1.5	0.0	33.9	305.0	530.0	1.5	0.0	33.7	320.0	530.0	1.5	0.0	33.7
291.5	540.0	1.5	0.0	33.5	305.0	540.0	1.5	0.0	33.3	320.0	540.0	1.5	0.0	33.3
291.5	550.0	1.5	0.0	33.0	305.0	550.0	1.5	0.0	32.9	320.0	550.0	1.5	0.0	32.9
291.5	560.0	1.5	0.0	32.6	305.0	560.0	1.5	0.0	32.5	320.0	560.0	1.5	0.0	32.6
291.5	570.0	1.5	0.0	32.1	305.0	570.0	1.5	0.0	32.2	320.0	570.0	1.5	0.0	32.2
291.5	580.0	1.5	0.0	31.7	305.0	580.0	1.5	0.0	31.8	320.0	580.0	1.5	0.0	31.8
291.5	590.0	1.5	0.0	31.4	305.0	590.0	1.5	0.0	31.5	320.0	590.0	1.5	0.0	31.5
291.5	600.0	1.5	0.0	31.1	305.0	600.0	1.5	0.0	31.1	320.0	600.0	1.5	0.0	31.1
300.0	0.0	1.5	0.0	29.6	310.0	0.0	1.5	0.0	29.5	330.0	0.0	1.5	0.0	29.6
300.0	10.0	1.5	0.0	29.9	310.0	10.0	1.5	0.0	29.8	330.0	10.0	1.5	0.0	29.9
300.0	20.0	1.5	0.0	30.2	310.0	20.0	1.5	0.0	30.1	330.0	20.0	1.5	0.0	30.2
300.0	30.0	1.5	0.0	30.5	310.0	30.0	1.5	0.0	30.4	330.0	30.0	1.5	0.0	30.4
300.0	40.0	1.5	0.0	30.9	310.0	40.0	1.5	0.0	30.8	330.0	40.0	1.5	0.0	30.7
300.0	50.0	1.5	0.0	31.2	310.0	50.0	1.5	0.0	31.1	330.0	50.0	1.5	0.0	31.2
300.0	60.0	1.5	0.0	31.6	310.0	60.0	1.5	0.0	31.5	330.0	60.0	1.5	0.0	31.5
300.0	70.0	1.5	0.0	32.0	310.0	70.0	1.5	0.0	31.9	330.0	70.0	1.5	0.0	32.0
300.0	80.0	1.5	0.0	32.3	310.0	80.0	1.5	0.0	32.2	330.0	80.0	1.5	0.0	32.4
300.0	90.0	1.5	0.0	32.7	310.0	90.0	1.5	0.0	32.6	330.0	90.0	1.5	0.0	32.8
300.0	100.0	1.5	0.0	33.1	310.0	100.0	1.5	0.0	33.1	330.0	100.0	1.5	0.0	33.2
300.0	110.0	1.5	0.0	33.6	310.0	110.0	1.5	0.0	33.5	330.0	110.0	1.5	0.0	33.7
300.0	120.0	1.5	0.0	34.0	310.0	120.0	1.5	0.0	34.0	330.0	120.0	1.5	0.0	34.2
300.0	130.0	1.5	0.0	34.5	310.0	130.0	1.5	0.0	34.5	330.0	130.0	1.5	0.0	34.8
300.0	140.0	1.5	0.0	34.9	310.0	140.0	1.5	0.0	35.0	330.0	140.0	1.5	0.0	35.2
300.0	150.0	1.5	0.0	35.5	310.0	150.0	1.5	0.0	35.6	330.0	150.0	1.5	0.0	35.8
300.0	160.0	1.5	0.0	36.1	310.0	160.0	1.5	0.0	36.1	330.0	160.0	1.5	0.0	36.3
300.0	170.0	1.5	0.0	36.7	310.0	170.0	1.5	0.0	36.7	330.0	170.0	1.5	0.0	36.8
300.0	180.0	1.5	0.0	37.5	310.0	180.0	1.5	0.0	37.4	330.0	180.0	1.5	0.0	37.4
300.0	190.0	1.5	0.0	38.2	310.0	190.0	1.5	0.0	38.1	330.0	190.0	1.5	0.0	38.1
300.0	200.0	1.5	0.0	38.9	310.0	200.0	1.5	0.0	39.2	330.0	200.0	1.5	0.0	39.1
300.0	210.0	1.5	0.0	39.8	310.0	210.0	1.5	0.0	40.1	330.0	210.0	1.5	0.0	39.9
300.0	220.0	1.5	0.0	40.7	310.0	220.0	1.5	0.0	41.0	330.0	220.0	1.5	0.0	40.8
300.0	230.0	1.5	0.0	41.9	310.0	230.0	1.5	0.0	42.2	330.0	230.0	1.5	0.0	41.8
300.0	240.0	1.5	0.0	43.2	310.0	240.0	1.5	0.0	43.3	330.0	240.0	1.5	0.0	42.7
300.0	250.0	1.5	0.0	44.9	310.0	250.0	1.5	0.0	44.4	330.0	250.0	1.5	0.0	43.8
300.0	260.0	1.5	0.0	47.0	310.0	260.0	1.5	0.0	46.3	330.0	260.0	1.5	0.0	45.3
300.0	270.0	1.5	0.0	49.1	310.0	270.0	1.5	0.0	49.6	330.0	270.0	1.5	0.0	46.9
300.0	280.0	1.5	0.0	50.6	310.0	280.0	1.5	0.0	54.7	330.0	280.0	1.5	0.0	50.9
300.0	290.0	1.5	0.0	-1.0	310.0	290.0	1.5	0.0	49.7	330.0	290.0	1.5	0.0	53.8
300.0	292.0	1.5	0.0	-1.0	310.0	292.0	1.5	0.0	50.0	330.0	292.0	1.5	0.0	52.5
300.0	295.0	1.5	0.0	-1.0	310.0	295.0	1.5	0.0	50.8	330.0	295.0	1.5	0.0	52.9
300.0	300.0	1.5	0.0	-1.0	310.0	300.0	1.5	0.0	-1.0	330.0	300.0	1.5	0.0	61.3
300.0	310.0	1.5	0.0	54.9	310.0	310.0	1.5	0.0	55.3	330.0	310.0	1.5	0.0	52.8
300.0	320.0	1.5	0.0	56.4	310.0	320.0	1.5	0.0	53.2	330.0	320.0	1.5	0.0	54.3
300.0	330.0	1.5	0.0	53.1	310.0	330.0	1.5	0.0	55.8	330.0	330.0	1.5	0.0	58.8
300.0	333.5	1.5	0.0	52.4	310.0	333.5	1.5	0.0	55.1	330.0	333.5	1.5	0.0	53.9
300.0	340.0	1.5	0.0	51.6	310.0	340.0	1.5	0.0	55.7	330.0	340.0	1.5	0.0	53.1
300.0	350.0	1.5	0.0	52.5	310.0	350.0	1.5	0.0	51.5	330.0	350.0	1.5	0.0	51.6
300.0	360.0	1.5	0.0	64.0	310.0	360.0	1.5	0.0	50.2	330.0	360.0	1.5	0.0	50.5
300.0	370.0	1.5	0.0	48.7	310.0	370.0	1.5	0.0	47.9	330.0	370.0	1.5	0.0	47.4
300.0	380.0	1.5	0.0	45.9	310.0	380.0	1.5	0.0	45.7	330.0	380.0	1.5	0.0	45.3
300.0	390.0	1.5	0.0	44.0	310.0	390.0	1.5	0.0	44.0	330.0	390.0	1.5	0.0	43.7
300.0	400.0	1.5	0.0	42.7	310.0	400.0	1.5	0.0	42.7	330.0	400.0	1.5	0.0	42.3
300.0	410.0	1.5	0.0	41.5	310.0	410.0	1.5	0.0	41.6	330.0	410.0	1.5	0.0	41.2
300.0	420.0	1.5	0.0	40.6	310.0	420.0	1.5	0.0	40.6	330.0	420.0	1.5	0.0	40.2
300.0	430.0	1.5	0.0	39.6	310.0	430.0	1.5	0.0	39.8	330.0	430.0	1.5	0.0	39.3
300.0	440.0	1.5	0.0	38.9	310.0	440.0	1.5	0.0	38.9	330.0	440.0	1.5	0.0	38.6
300.0	450.0	1.5	0.0	38.2	310.0	450.0	1.5	0.0	38.1	330.0	450.0	1.5	0.0	37.8
300.0	460.0	1.5	0.0	37.5	310.0	460.0	1.5	0.0	37.5	330.0	460.0	1.5	0.0	37.2
300.0	470.0	1.5	0.0	36.8	310.0	470.0	1.5	0.0	36.9	330.0	470.0	1.5	0.0	36.6
300.0	480.0	1.5	0.0	36.3	310.0	480.0	1.5	0.0	36.3	330.0	480.0	1.5	0.0	36.0
300.0	490.0	1.5	0.0	35.7	310.0	490.0	1.5	0.0	35.6	330.0	490.0	1.5	0.0	35.5
300.0	500.0	1.5	0.0	35.2	310.0	500.0	1.5	0.0	35.1	330.0	500.0	1.5	0.0	34.9
300.0	510.0	1.5	0.0	34.7	310.0	510.0	1.5	0.0	34.7	330.0	510.0	1.5	0.0	34.4
300.0	520.0	1.5	0.0	34.1	310.0	520.0	1.5	0.0	34.2	330.0	520.0	1.5	0.0	34.0
300.0	530.0	1.5	0.0	33.7	310.0	530.0	1.5	0.0	33.8	330.0	530.0	1.5	0.0	33.5

330.0	540.0	1.5	0.0	33.1	349.5	540.0	1.5	0.0	32.8	370.0	540.0	1.5	0.0	32.8
330.0	550.0	1.5	0.0	32.7	349.5	550.0	1.5	0.0	32.4	370.0	550.0	1.5	0.0	32.4
330.0	560.0	1.5	0.0	32.3	349.5	560.0	1.5	0.0	32.0	370.0	560.0	1.5	0.0	32.1
330.0	570.0	1.5	0.0	32.0	349.5	570.0	1.5	0.0	31.7	370.0	570.0	1.5	0.0	31.7
330.0	580.0	1.5	0.0	31.7	349.5	580.0	1.5	0.0	31.4	370.0	580.0	1.5	0.0	31.4
330.0	590.0	1.5	0.0	31.4	349.5	590.0	1.5	0.0	31.0	370.0	590.0	1.5	0.0	31.0
330.0	600.0	1.5	0.0	31.0	349.5	600.0	1.5	0.0	30.7	370.0	600.0	1.5	0.0	30.7
340.0	0.0	1.5	0.0	29.7	360.0	0.0	1.5	0.0	29.6	380.0	0.0	1.5	0.0	29.4
340.0	10.0	1.5	0.0	30.0	360.0	10.0	1.5	0.0	29.9	380.0	10.0	1.5	0.0	29.7
340.0	20.0	1.5	0.0	30.3	360.0	20.0	1.5	0.0	30.4	380.0	20.0	1.5	0.0	30.0
340.0	30.0	1.5	0.0	30.6	360.0	30.0	1.5	0.0	30.7	380.0	30.0	1.5	0.0	30.2
340.0	40.0	1.5	0.0	30.9	360.0	40.0	1.5	0.0	31.0	380.0	40.0	1.5	0.0	30.5
340.0	50.0	1.5	0.0	31.3	360.0	50.0	1.5	0.0	31.3	380.0	50.0	1.5	0.0	31.0
340.0	60.0	1.5	0.0	31.7	360.0	60.0	1.5	0.0	31.5	380.0	60.0	1.5	0.0	31.4
340.0	70.0	1.5	0.0	32.1	360.0	70.0	1.5	0.0	31.9	380.0	70.0	1.5	0.0	31.8
340.0	80.0	1.5	0.0	32.5	360.0	80.0	1.5	0.0	32.3	380.0	80.0	1.5	0.0	32.2
340.0	90.0	1.5	0.0	32.9	360.0	90.0	1.5	0.0	32.6	380.0	90.0	1.5	0.0	32.6
340.0	100.0	1.5	0.0	33.3	360.0	100.0	1.5	0.0	33.1	380.0	100.0	1.5	0.0	33.0
340.0	110.0	1.5	0.0	33.8	360.0	110.0	1.5	0.0	33.5	380.0	110.0	1.5	0.0	33.4
340.0	120.0	1.5	0.0	34.2	360.0	120.0	1.5	0.0	34.1	380.0	120.0	1.5	0.0	33.8
340.0	130.0	1.5	0.0	34.7	360.0	130.0	1.5	0.0	34.5	380.0	130.0	1.5	0.0	34.2
340.0	140.0	1.5	0.0	35.1	360.0	140.0	1.5	0.0	35.1	380.0	140.0	1.5	0.0	34.7
340.0	150.0	1.5	0.0	35.6	360.0	150.0	1.5	0.0	35.6	380.0	150.0	1.5	0.0	35.2
340.0	160.0	1.5	0.0	36.2	360.0	160.0	1.5	0.0	36.0	380.0	160.0	1.5	0.0	35.7
340.0	170.0	1.5	0.0	36.9	360.0	170.0	1.5	0.0	36.6	380.0	170.0	1.5	0.0	36.3
340.0	180.0	1.5	0.0	37.7	360.0	180.0	1.5	0.0	37.3	380.0	180.0	1.5	0.0	36.7
340.0	190.0	1.5	0.0	38.4	360.0	190.0	1.5	0.0	37.9	380.0	190.0	1.5	0.0	37.2
340.0	200.0	1.5	0.0	39.0	360.0	200.0	1.5	0.0	38.4	380.0	200.0	1.5	0.0	37.8
340.0	210.0	1.5	0.0	39.7	360.0	210.0	1.5	0.0	39.2	380.0	210.0	1.5	0.0	38.3
340.0	220.0	1.5	0.0	40.6	360.0	220.0	1.5	0.0	39.9	380.0	220.0	1.5	0.0	39.0
340.0	230.0	1.5	0.0	41.5	360.0	230.0	1.5	0.0	40.7	380.0	230.0	1.5	0.0	39.8
340.0	240.0	1.5	0.0	42.2	360.0	240.0	1.5	0.0	41.7	380.0	240.0	1.5	0.0	40.6
340.0	250.0	1.5	0.0	43.5	360.0	250.0	1.5	0.0	42.8	380.0	250.0	1.5	0.0	41.6
340.0	260.0	1.5	0.0	44.9	360.0	260.0	1.5	0.0	44.5	380.0	260.0	1.5	0.0	42.9
340.0	270.0	1.5	0.0	46.5	360.0	270.0	1.5	0.0	47.1	380.0	270.0	1.5	0.0	44.4
340.0	280.0	1.5	0.0	49.1	360.0	280.0	1.5	0.0	50.3	380.0	280.0	1.5	0.0	45.5
340.0	290.0	1.5	0.0	51.5	360.0	290.0	1.5	0.0	52.3	380.0	290.0	1.5	0.0	45.2
340.0	292.0	1.5	0.0	51.8	360.0	292.0	1.5	0.0	51.9	380.0	292.0	1.5	0.0	45.2
340.0	295.0	1.5	0.0	52.8	360.0	295.0	1.5	0.0	50.8	380.0	295.0	1.5	0.0	45.0
340.0	300.0	1.5	0.0	56.4	360.0	300.0	1.5	0.0	49.7	380.0	300.0	1.5	0.0	44.8
340.0	310.0	1.5	0.0	53.7	360.0	310.0	1.5	0.0	49.3	380.0	310.0	1.5	0.0	44.5
340.0	320.0	1.5	0.0	53.1	360.0	320.0	1.5	0.0	49.3	380.0	320.0	1.5	0.0	44.2
340.0	330.0	1.5	0.0	55.7	360.0	330.0	1.5	0.0	49.3	380.0	330.0	1.5	0.0	43.6
340.0	333.5	1.5	0.0	54.9	360.0	333.5	1.5	0.0	49.3	380.0	333.5	1.5	0.0	43.4
340.0	340.0	1.5	0.0	55.5	360.0	340.0	1.5	0.0	48.8	380.0	340.0	1.5	0.0	43.0
340.0	350.0	1.5	0.0	55.7	360.0	350.0	1.5	0.0	47.8	380.0	350.0	1.5	0.0	43.0
340.0	360.0	1.5	0.0	48.7	360.0	360.0	1.5	0.0	45.6	380.0	360.0	1.5	0.0	42.6
340.0	370.0	1.5	0.0	46.3	360.0	370.0	1.5	0.0	44.1	380.0	370.0	1.5	0.0	41.8
340.0	380.0	1.5	0.0	44.5	360.0	380.0	1.5	0.0	42.9	380.0	380.0	1.5	0.0	41.1
340.0	390.0	1.5	0.0	43.2	360.0	390.0	1.5	0.0	41.8	380.0	390.0	1.5	0.0	40.4
340.0	400.0	1.5	0.0	42.1	360.0	400.0	1.5	0.0	41.0	380.0	400.0	1.5	0.0	39.7
340.0	410.0	1.5	0.0	41.0	360.0	410.0	1.5	0.0	40.1	380.0	410.0	1.5	0.0	38.9
340.0	420.0	1.5	0.0	40.0	360.0	420.0	1.5	0.0	39.4	380.0	420.0	1.5	0.0	38.5
340.0	430.0	1.5	0.0	39.1	360.0	430.0	1.5	0.0	38.7	380.0	430.0	1.5	0.0	37.9
340.0	440.0	1.5	0.0	38.3	360.0	440.0	1.5	0.0	38.0	380.0	440.0	1.5	0.0	37.3
340.0	450.0	1.5	0.0	37.6	360.0	450.0	1.5	0.0	37.3	380.0	450.0	1.5	0.0	36.6
340.0	460.0	1.5	0.0	37.0	360.0	460.0	1.5	0.0	36.8	380.0	460.0	1.5	0.0	36.1
340.0	470.0	1.5	0.0	36.3	360.0	470.0	1.5	0.0	36.1	380.0	470.0	1.5	0.0	35.8
340.0	480.0	1.5	0.0	35.8	360.0	480.0	1.5	0.0	35.6	380.0	480.0	1.5	0.0	35.3
340.0	490.0	1.5	0.0	35.2	360.0	490.0	1.5	0.0	35.0	380.0	490.0	1.5	0.0	34.8
340.0	500.0	1.5	0.0	34.7	360.0	500.0	1.5	0.0	34.5	380.0	500.0	1.5	0.0	34.3
340.0	510.0	1.5	0.0	34.3	360.0	510.0	1.5	0.0	34.1	380.0	510.0	1.5	0.0	33.8
340.0	520.0	1.5	0.0	33.8	360.0	520.0	1.5	0.0	33.7	380.0	520.0	1.5	0.0	33.3
340.0	530.0	1.5	0.0	33.4	360.0	530.0	1.5	0.0	33.2	380.0	530.0	1.5	0.0	33.0
340.0	540.0	1.5	0.0	33.0	360.0	540.0	1.5	0.0	32.8	380.0	540.0	1.5	0.0	32.6
340.0	550.0	1.5	0.0	32.6	360.0	550.0	1.5	0.0	32.5	380.0	550.0	1.5	0.0	32.2
340.0	560.0	1.5	0.0	32.2	360.0	560.0	1.5	0.0	32.1	380.0	560.0	1.5	0.0	31.9
340.0	570.0	1.5	0.0	31.9	360.0	570.0	1.5	0.0	31.7	380.0	570.0	1.5	0.0	31.5
340.0	580.0	1.5	0.0	31.5	360.0	580.0	1.5	0.0	31.4	380.0	580.0	1.5	0.0	31.2
340.0	590.0	1.5	0.0	31.2	360.0	590.0	1.5	0.0	31.0	380.0	590.0	1.5	0.0	30.9
340.0	600.0	1.5	0.0	30.8	360.0	600.0	1.5	0.0	30.7	380.0	600.0	1.5	0.0	30.6
349.5	0.0	1.5	0.0	29.6	370.0	0.0	1.5	0.0	29.7	390.0	0.0	1.5	0.0	29.2
349.5	10.0	1.5	0.0	29.9	370.0	10.0	1.5	0.0	30.0	390.0	10.0	1.5	0.0	29.5
349.5	20.0	1.5	0.0	30.2	370.0	20.0	1.5	0.0	30.2	390.0	20.0	1.5	0.0	29.9
349.5	30.0	1.5	0.0	30.6	370.0	30.0	1.5	0.0	30.5	390.0	30.0	1.5	0.0	30.3
349.5	40.0	1.5	0.0	30.8	370.0	40.0	1.5	0.0	30.8	390.0	40.0	1.5	0.0	30.6
349.5	50.0	1.5	0.0	31.2	370.0	50.0	1.5	0.0	31.1	390.0	50.0	1.5	0.0	31.1
349.5	60.0	1.5	0.0	31.6	370.0	60.0	1.5	0.0	31.4	390.0	60.0	1.5	0.0	31.3
349.5	70.0	1.5	0.0	32.0	370.0	70.0	1.5	0.0	31.8	390.0	70.0	1.5	0.0	31.7
349.5	80.0	1.5	0.0	32.4	370.0	80.0	1.5	0.0	32.2	390.0	80.0	1.5	0.0	32.1
349.5	90.0	1.5	0.0	32.8	370.0	90.0	1.5	0.0	32.7	390.0	90.0	1.5	0.0	32.5
349.5	100.0	1.5	0.0	33.0	370.0	100.0	1.5	0.0	33.1	390.0	100.0	1.5	0.0	32.9
349.5	110.0	1.5	0.0	33.5	370.0	110.0	1.5	0.0	33.5	390.0	110.0	1.5	0.0	33.3
349.5	120.0	1.5	0.0	33.9	370.0	120.0	1.5	0.0	34.0	390.0	120.0	1.5	0.0	33.7
349.5	130.0	1.5	0.0	34.4	370.0	130.0	1.5	0.0	34.4	390.0	130.0	1.5	0.0	34.2
349.5	140.0	1.5	0.0	35.0	370.0	140.0	1.5	0.0	34.9	390.0	140.0	1.5	0.0	34.5
349.5	150.0	1.5	0.0	35.6	370.0	150.0	1.5	0.0	35.3	390.0	150.0	1.5	0.0	35.0
349.5	160.0	1.5	0.0	36.2	370.0	160.0	1.5	0.0	36.0	390.0	160.0	1.5	0.0	35.4
349.5	170.0	1.5	0.0	36.8	370.0	170.0	1.5	0.0	36.4	390.0	170.0	1.5	0.0	35.8
349.5	180.0	1.5	0.0	37.4	370.0	180.0	1.5	0.0	37.0	390.0	180.0	1.5	0.0	36.3
349.5	190.0	1.5	0.0	37.9	370.0	190.0	1.5	0.0	37.5	390.0	190.0	1.5	0.0	36.8
349.5	200.0	1.5	0.0	38.7	370.0	200.0	1.5	0.0	38.1	390.0	200.0	1.5	0.0	37.3
349.5	210.0	1.5	0.0	39.5	370.0	210.0	1.5	0.0	38.8	390.0	210.0	1.5	0.0	37.9
349.5	220.0	1.5	0.0	40.2	370.0	220.0	1.5	0.0	39.5	390.0	220.0	1.5	0.0	38.6
349.5	230.0	1.5	0.0	41.0	370.0	230.0	1.5	0.0	40.4	390.0	230.0	1.5	0.0	39.3
349.5	240.0	1.5	0.0	42.0	370.0	240.0	1.5	0.0	41.1	390.0	240.0	1.5	0.0	40.0
349.5	250.0	1.5	0.0	43.2	370.0	250.0	1.5	0.0	42.3	390.0	250.0	1.5	0.0	40.8
349.5	260.0	1.5	0.0	44.5	370.0	260.0	1.5	0.0	43.9	390.0	260.0	1.5	0.0	41.6
349.5	270.0	1.5	0.0	46.5	370.0	270.0	1.5	0.0	47.1	390.0	270.0	1.5	0.0	42.4
349.5	280.0	1.5	0.0	49.4	370.0	280.0	1.5	0.0	54.4	390.0	280.0	1.5	0.0	43.0
349.5	290.0	1.5	0.0	64.1	370.0	290.0	1.5	0.0	47.9	390.0	290.0	1.5	0.0	43.1
349.5	292.0	1.5	0.0	58.5	370.0	292.0	1.5	0.0	47.6	390.0	292.0	1.5	0.0	43.1
349.5	295.0	1.5	0.0	53.5	370.0	295.0	1.5	0.0	47.3	390.0	295.0	1.5	0.0	43.2
349.5	300.0	1.5	0.0	52.5	370.0	300.0	1.5	0.0	46.9	390.0	300.0	1.5	0.0	43.1
349.5	310.0	1.5	0.0	57.0	370.0	310.0	1.5	0.0	46.6	390.0	310.0	1.5	0.0	42.8
349.5	320.0	1.5	0.0	52.9	370.0	320.0	1.5	0.0	46.5	390.0	320.0	1.5	0.0	42.5
349.5	330.0	1.5	0.0	-1.0	370.0	330.0	1.5	0.0	45.6	390.0	330.0	1.5	0.0	42.1
349.5	333.5	1.5	0.0	-1.0	370.0	333.5	1.5	0.0	45.3	390.0	333.5	1.5	0.0	42.0
349.5	340.0	1.5	0.0	-1.0	370.0	340.0	1.5	0.0	45.1	390.0	340.0	1.5	0.0	41.7
349.5	350.0	1.5	0.0	50.0	370.0	350.0	1.5	0.0	45.2	390.0	350.0	1.5	0.0	41.4
349.5	360.0	1.5	0.0	46.9	370.0	360.0	1.5	0.0	43.7	390.0	360.0	1.5	0.0	41.3
349.5	370.0	1.5	0.0	45.1	370.0	370.0	1.5	0.0	43.0	390.0	370.0	1.5	0.0	40.8
349.5	380.0	1.5	0.0	43.6	370.0	380.0	1.5	0.0	42.0	390.0	380.0	1.5	0.0	40.1
349.5	390.0	1.5	0.0	42.3	370.0	390.0	1.5	0.0	41.2	390.0	390.0	1.5	0.0	39.7
349.5	400.0	1.5	0.0	41.3	370.0	400.0	1.5	0.0	40.5	390.0	400.0	1.5	0.0	39.1
349.5	410.0	1.5	0.0	40.4	370.0	410.0	1.5	0.0	39.6	390.0	410.0	1.5	0.0	38.5
349.5	420.0	1.5	0.0	39.6	370.0	420.0	1.5	0.0	38.8	390.0	420.0	1.5	0.0	37.8
349.5	430.0	1.5	0.0	38.8	370.0	430.0	1.5	0.0	38.2	390.0	430.0	1.5	0.0	37.4
349.5	440.0	1.5	0.0	38.0	370.0	440.0	1.5	0.0	37.7	390.0	440.0	1.5	0.0	36.9
349.5	450.0	1.5	0.0	37.3	370.0	450.0	1.5	0.0	37.1	390.0	450.0	1.5	0.0	36.4
349.5	460.0	1.5	0.0	36.6	370.0	460.0	1.5	0.0	36.5	390.0	460.0	1.5	0.0	35.9
349.5	470.0	1.5	0.0	36.1	370.0	470.0	1.5	0.0	36.0	390.0	470.0	1.5	0.0	35.4
349.5	480.0	1.5	0.0	35.6	370.0	480.0	1.5	0.0	35.4	390.0	480.0	1.5	0.0	35.0
349.5	490.0	1.5	0.0	35.0	370.0	490.0	1.5	0.0	34.9	390.0	490.0	1.5	0.0	34.7
349.5	500.0	1.5	0.0	34.6	370.0	500.0	1.5	0.0	34.4	390.0	500.0	1.5	0.0	34.2
349.5	510.0	1.5	0.0	34.1	370.0	510.0	1.5	0.0	34.0	390.0	510.0	1.5	0.0	33.7
349.5	520.0	1.5	0.0	33.7	370.0	520.0	1.5	0.0	33.5	390.0	520.0	1.5	0.0	33.3
349.5	530.0	1.5	0.0	33.2	370.0	530.0	1.5	0.0	33.2	390.0	530.0	1.5	0.0	32.8

390.0	540.0	1.5	0.0	32.3	410.0	540.0	1.5	0.0	32.3	430.0	540.0	1.5	0.0	31.7
390.0	550.0	1.5	0.0	32.1	410.0	550.0	1.5	0.0	32.0	430.0	550.0	1.5	0.0	31.4
390.0	560.0	1.5	0.0	31.8	410.0	560.0	1.5	0.0	31.5	430.0	560.0	1.5	0.0	31.3
390.0	570.0	1.5	0.0	31.4	410.0	570.0	1.5	0.0	31.3	430.0	570.0	1.5	0.0	31.0
390.0	580.0	1.5	0.0	31.1	410.0	580.0	1.5	0.0	30.8	430.0	580.0	1.5	0.0	30.7
390.0	590.0	1.5	0.0	30.8	410.0	590.0	1.5	0.0	30.3	430.0	590.0	1.5	0.0	30.4
390.0	600.0	1.5	0.0	30.5	410.0	600.0	1.5	0.0	30.1	430.0	600.0	1.5	0.0	30.1
400.0	0.0	1.5	0.0	29.4	420.0	0.0	1.5	0.0	29.4	440.0	0.0	1.5	0.0	29.1
400.0	10.0	1.5	0.0	29.6	420.0	10.0	1.5	0.0	29.7	440.0	10.0	1.5	0.0	29.5
400.0	20.0	1.5	0.0	29.9	420.0	20.0	1.5	0.0	30.0	440.0	20.0	1.5	0.0	29.7
400.0	30.0	1.5	0.0	30.2	420.0	30.0	1.5	0.0	30.3	440.0	30.0	1.5	0.0	29.8
400.0	40.0	1.5	0.0	30.5	420.0	40.0	1.5	0.0	30.5	440.0	40.0	1.5	0.0	30.2
400.0	50.0	1.5	0.0	31.0	420.0	50.0	1.5	0.0	30.8	440.0	50.0	1.5	0.0	30.5
400.0	60.0	1.5	0.0	31.4	420.0	60.0	1.5	0.0	31.0	440.0	60.0	1.5	0.0	30.8
400.0	70.0	1.5	0.0	31.8	420.0	70.0	1.5	0.0	31.3	440.0	70.0	1.5	0.0	31.0
400.0	80.0	1.5	0.0	32.1	420.0	80.0	1.5	0.0	31.8	440.0	80.0	1.5	0.0	31.4
400.0	90.0	1.5	0.0	32.5	420.0	90.0	1.5	0.0	32.1	440.0	90.0	1.5	0.0	31.7
400.0	100.0	1.5	0.0	32.8	420.0	100.0	1.5	0.0	32.3	440.0	100.0	1.5	0.0	31.9
400.0	110.0	1.5	0.0	33.1	420.0	110.0	1.5	0.0	32.7	440.0	110.0	1.5	0.0	32.3
400.0	120.0	1.5	0.0	33.6	420.0	120.0	1.5	0.0	33.0	440.0	120.0	1.5	0.0	32.8
400.0	130.0	1.5	0.0	33.9	420.0	130.0	1.5	0.0	33.3	440.0	130.0	1.5	0.0	32.9
400.0	140.0	1.5	0.0	34.3	420.0	140.0	1.5	0.0	33.8	440.0	140.0	1.5	0.0	33.2
400.0	150.0	1.5	0.0	34.6	420.0	150.0	1.5	0.0	34.1	440.0	150.0	1.5	0.0	33.5
400.0	160.0	1.5	0.0	35.0	420.0	160.0	1.5	0.0	34.6	440.0	160.0	1.5	0.0	33.8
400.0	170.0	1.5	0.0	35.4	420.0	170.0	1.5	0.0	35.1	440.0	170.0	1.5	0.0	34.1
400.0	180.0	1.5	0.0	35.9	420.0	180.0	1.5	0.0	35.3	440.0	180.0	1.5	0.0	34.6
400.0	190.0	1.5	0.0	36.4	420.0	190.0	1.5	0.0	35.7	440.0	190.0	1.5	0.0	35.1
400.0	200.0	1.5	0.0	37.1	420.0	200.0	1.5	0.0	36.2	440.0	200.0	1.5	0.0	35.2
400.0	210.0	1.5	0.0	37.6	420.0	210.0	1.5	0.0	36.5	440.0	210.0	1.5	0.0	35.6
400.0	220.0	1.5	0.0	38.0	420.0	220.0	1.5	0.0	37.0	440.0	220.0	1.5	0.0	35.9
400.0	230.0	1.5	0.0	38.7	420.0	230.0	1.5	0.0	37.4	440.0	230.0	1.5	0.0	36.1
400.0	240.0	1.5	0.0	39.2	420.0	240.0	1.5	0.0	37.9	440.0	240.0	1.5	0.0	36.6
400.0	250.0	1.5	0.0	39.9	420.0	250.0	1.5	0.0	38.1	440.0	250.0	1.5	0.0	36.8
400.0	260.0	1.5	0.0	40.4	420.0	260.0	1.5	0.0	38.5	440.0	260.0	1.5	0.0	36.8
400.0	270.0	1.5	0.0	41.0	420.0	270.0	1.5	0.0	38.8	440.0	270.0	1.5	0.0	37.2
400.0	280.0	1.5	0.0	41.4	420.0	280.0	1.5	0.0	39.1	440.0	280.0	1.5	0.0	37.3
400.0	290.0	1.5	0.0	41.6	420.0	290.0	1.5	0.0	39.4	440.0	290.0	1.5	0.0	37.5
400.0	292.0	1.5	0.0	41.7	420.0	292.0	1.5	0.0	39.4	440.0	292.0	1.5	0.0	37.4
400.0	295.0	1.5	0.0	41.7	420.0	295.0	1.5	0.0	39.3	440.0	295.0	1.5	0.0	37.6
400.0	300.0	1.5	0.0	41.6	420.0	300.0	1.5	0.0	39.3	440.0	300.0	1.5	0.0	37.5
400.0	310.0	1.5	0.0	41.5	420.0	310.0	1.5	0.0	39.3	440.0	310.0	1.5	0.0	37.5
400.0	320.0	1.5	0.0	41.2	420.0	320.0	1.5	0.0	39.2	440.0	320.0	1.5	0.0	37.4
400.0	330.0	1.5	0.0	40.8	420.0	330.0	1.5	0.0	39.0	440.0	330.0	1.5	0.0	37.2
400.0	333.5	1.5	0.0	40.8	420.0	333.5	1.5	0.0	38.9	440.0	333.5	1.5	0.0	37.3
400.0	340.0	1.5	0.0	40.5	420.0	340.0	1.5	0.0	38.5	440.0	340.0	1.5	0.0	37.1
400.0	350.0	1.5	0.0	40.3	420.0	350.0	1.5	0.0	38.5	440.0	350.0	1.5	0.0	36.8
400.0	360.0	1.5	0.0	40.0	420.0	360.0	1.5	0.0	38.2	440.0	360.0	1.5	0.0	36.8
400.0	370.0	1.5	0.0	39.8	420.0	370.0	1.5	0.0	37.8	440.0	370.0	1.5	0.0	36.5
400.0	380.0	1.5	0.0	39.1	420.0	380.0	1.5	0.0	37.8	440.0	380.0	1.5	0.0	36.3
400.0	390.0	1.5	0.0	38.8	420.0	390.0	1.5	0.0	37.5	440.0	390.0	1.5	0.0	36.0
400.0	400.0	1.5	0.0	38.5	420.0	400.0	1.5	0.0	37.0	440.0	400.0	1.5	0.0	36.0
400.0	410.0	1.5	0.0	38.0	420.0	410.0	1.5	0.0	36.6	440.0	410.0	1.5	0.0	35.4
400.0	420.0	1.5	0.0	37.4	420.0	420.0	1.5	0.0	36.5	440.0	420.0	1.5	0.0	35.4
400.0	430.0	1.5	0.0	36.9	420.0	430.0	1.5	0.0	36.1	440.0	430.0	1.5	0.0	34.9
400.0	440.0	1.5	0.0	36.3	420.0	440.0	1.5	0.0	35.6	440.0	440.0	1.5	0.0	34.8
400.0	450.0	1.5	0.0	36.0	420.0	450.0	1.5	0.0	35.3	440.0	450.0	1.5	0.0	34.6
400.0	460.0	1.5	0.0	35.5	420.0	460.0	1.5	0.0	34.8	440.0	460.0	1.5	0.0	34.1
400.0	470.0	1.5	0.0	35.0	420.0	470.0	1.5	0.0	34.4	440.0	470.0	1.5	0.0	33.9
400.0	480.0	1.5	0.0	34.7	420.0	480.0	1.5	0.0	34.2	440.0	480.0	1.5	0.0	33.5
400.0	490.0	1.5	0.0	34.3	420.0	490.0	1.5	0.0	33.7	440.0	490.0	1.5	0.0	33.1
400.0	500.0	1.5	0.0	34.0	420.0	500.0	1.5	0.0	33.4	440.0	500.0	1.5	0.0	32.8
400.0	510.0	1.5	0.0	33.7	420.0	510.0	1.5	0.0	32.9	440.0	510.0	1.5	0.0	32.6
400.0	520.0	1.5	0.0	33.3	420.0	520.0	1.5	0.0	32.6	440.0	520.0	1.5	0.0	32.2
400.0	530.0	1.5	0.0	32.7	420.0	530.0	1.5	0.0	32.2	440.0	530.0	1.5	0.0	31.9
400.0	540.0	1.5	0.0	32.3	420.0	540.0	1.5	0.0	32.2	440.0	540.0	1.5	0.0	31.5
400.0	550.0	1.5	0.0	31.9	420.0	550.0	1.5	0.0	31.8	440.0	550.0	1.5	0.0	31.2
400.0	560.0	1.5	0.0	31.5	420.0	560.0	1.5	0.0	31.5	440.0	560.0	1.5	0.0	30.9
400.0	570.0	1.5	0.0	31.2	420.0	570.0	1.5	0.0	31.1	440.0	570.0	1.5	0.0	30.6
400.0	580.0	1.5	0.0	30.9	420.0	580.0	1.5	0.0	30.7	440.0	580.0	1.5	0.0	30.5
400.0	590.0	1.5	0.0	30.7	420.0	590.0	1.5	0.0	30.5	440.0	590.0	1.5	0.0	30.2
400.0	600.0	1.5	0.0	30.4	420.0	600.0	1.5	0.0	30.1	440.0	600.0	1.5	0.0	30.0
410.0	0.0	1.5	0.0	29.3	430.0	0.0	1.5	0.0	29.3	450.0	0.0	1.5	0.0	29.0
410.0	10.0	1.5	0.0	29.7	430.0	10.0	1.5	0.0	29.5	450.0	10.0	1.5	0.0	29.1
410.0	20.0	1.5	0.0	30.0	430.0	20.0	1.5	0.0	29.8	450.0	20.0	1.5	0.0	29.5
410.0	30.0	1.5	0.0	30.4	430.0	30.0	1.5	0.0	30.1	450.0	30.0	1.5	0.0	29.8
410.0	40.0	1.5	0.0	30.7	430.0	40.0	1.5	0.0	30.3	450.0	40.0	1.5	0.0	30.1
410.0	50.0	1.5	0.0	31.0	430.0	50.0	1.5	0.0	30.6	450.0	50.0	1.5	0.0	30.3
410.0	60.0	1.5	0.0	31.3	430.0	60.0	1.5	0.0	30.9	450.0	60.0	1.5	0.0	30.7
410.0	70.0	1.5	0.0	31.6	430.0	70.0	1.5	0.0	31.3	450.0	70.0	1.5	0.0	30.9
410.0	80.0	1.5	0.0	31.9	430.0	80.0	1.5	0.0	31.5	450.0	80.0	1.5	0.0	31.3
410.0	90.0	1.5	0.0	32.1	430.0	90.0	1.5	0.0	31.9	450.0	90.0	1.5	0.0	31.5
410.0	100.0	1.5	0.0	32.6	430.0	100.0	1.5	0.0	32.3	450.0	100.0	1.5	0.0	31.9
410.0	110.0	1.5	0.0	32.9	430.0	110.0	1.5	0.0	32.4	450.0	110.0	1.5	0.0	32.2
410.0	120.0	1.5	0.0	33.3	430.0	120.0	1.5	0.0	32.8	450.0	120.0	1.5	0.0	32.3
410.0	130.0	1.5	0.0	33.7	430.0	130.0	1.5	0.0	33.3	450.0	130.0	1.5	0.0	32.7
410.0	140.0	1.5	0.0	33.9	430.0	140.0	1.5	0.0	33.6	450.0	140.0	1.5	0.0	32.9
410.0	150.0	1.5	0.0	34.4	430.0	150.0	1.5	0.0	33.9	450.0	150.0	1.5	0.0	33.1
410.0	160.0	1.5	0.0	34.7	430.0	160.0	1.5	0.0	34.3	450.0	160.0	1.5	0.0	33.5
410.0	170.0	1.5	0.0	35.2	430.0	170.0	1.5	0.0	34.6	450.0	170.0	1.5	0.0	33.8
410.0	180.0	1.5	0.0	35.6	430.0	180.0	1.5	0.0	34.9	450.0	180.0	1.5	0.0	34.3
410.0	190.0	1.5	0.0	36.3	430.0	190.0	1.5	0.0	35.3	450.0	190.0	1.5	0.0	34.4
410.0	200.0	1.5	0.0	36.6	430.0	200.0	1.5	0.0	35.7	450.0	200.0	1.5	0.0	34.8
410.0	210.0	1.5	0.0	37.2	430.0	210.0	1.5	0.0	36.1	450.0	210.0	1.5	0.0	35.1
410.0	220.0	1.5	0.0	37.6	430.0	220.0	1.5	0.0	36.4	450.0	220.0	1.5	0.0	35.3
410.0	230.0	1.5	0.0	38.0	430.0	230.0	1.5	0.0	36.8	450.0	230.0	1.5	0.0	35.7
410.0	240.0	1.5	0.0	38.5	430.0	240.0	1.5	0.0	37.2	450.0	240.0	1.5	0.0	35.8
410.0	250.0	1.5	0.0	39.1	430.0	250.0	1.5	0.0	37.5	450.0	250.0	1.5	0.0	36.0
410.0	260.0	1.5	0.0	39.5	430.0	260.0	1.5	0.0	37.7	450.0	260.0	1.5	0.0	36.2
410.0	270.0	1.5	0.0	39.8	430.0	270.0	1.5	0.0	37.9	450.0	270.0	1.5	0.0	36.4
410.0	280.0	1.5	0.0	40.1	430.0	280.0	1.5	0.0	38.1	450.0	280.0	1.5	0.0	36.6
410.0	290.0	1.5	0.0	40.3	430.0	290.0	1.5	0.0	38.5	450.0	290.0	1.5	0.0	36.9
410.0	292.0	1.5	0.0	40.5	430.0	292.0	1.5	0.0	38.4	450.0	292.0	1.5	0.0	36.8
410.0	295.0	1.5	0.0	40.5	430.0	295.0	1.5	0.0	38.3	450.0	295.0	1.5	0.0	36.8
410.0	300.0	1.5	0.0	40.4	430.0	300.0	1.5	0.0	38.4	450.0	300.0	1.5	0.0	36.8
410.0	310.0	1.5	0.0	40.2	430.0	310.0	1.5	0.0	38.6	450.0	310.0	1.5	0.0	36.7
410.0	320.0	1.5	0.0	40.2	430.0	320.0	1.5	0.0	38.3	450.0	320.0	1.5	0.0	36.7
410.0	330.0	1.5	0.0	39.9	430.0	330.0	1.5	0.0	38.1	450.0	330.0	1.5	0.0	36.5
410.0	333.5	1.5	0.0	39.8	430.0	333.5	1.5	0.0	38.1	450.0	333.5	1.5	0.0	36.5
410.0	340.0	1.5	0.0	39.5	430.0	340.0	1.5	0.0	37.7	450.0	340.0	1.5	0.0	36.5
410.0	350.0	1.5	0.0	39.3	430.0	350.0	1.5	0.0	37.7	450.0	350.0	1.5	0.0	36.2
410.0	360.0	1.5	0.0	39.1	430.0	360.0	1.5	0.0	37.6	450.0	360.0	1.5	0.0	36.0
410.0	370.0	1.5	0.0	38.8	430.0	370.0	1.5	0.0	37.2	450.0	370.0	1.5	0.0	35.9
410.0	380.0	1.5	0.0	38.5	430.0	380.0	1.5	0.0	36.9	450.0	380.0	1.5	0.0	35.6
410.0	390.0	1.5	0.0	37.9	430.0	390.0	1.5	0.0	36.8	450.0	390.0	1.5	0.0	35.5
410.0	400.0	1.5	0.0	37.6	430.0	400.0	1.5	0.0	36.5	450.0	400.0	1.5	0.0	35.4
410.0	410.0	1.5	0.0	37.4	430.0	410.0	1.5	0.0	36.1	450.0	410.0	1.5	0.0	35.1
410.0	420.0	1.5	0.0	37.0	430.0	420.0	1.5	0.0	35.7	450.0	420.0	1.5	0.0	34.6
410.0	430.0	1.5	0.0	36.5	430.0	430.0	1.5	0.0	35.6	450.0	430.0	1.5	0.0	34.6
410.0	440.0	1.5	0.0	36.1	430.0	440.0	1.5	0.0	35.3	450.0	440.0	1.5	0.0	34.2
410.0	450.0	1.5	0.0	35.6	430.0	450.0	1.5	0.0	34.8	450.0	450.0	1.5	0.0	34.1
410.0	460.0	1.5	0.0	35.1	430.0	460.0	1.5	0.0	34.6	450.0	460.0	1.5	0.0	33.9
410.0	470.0	1.5	0.0	34.8	430.0	470.0	1.5	0.0	34.1	450.0	470.0	1.5	0.0	33.5
410.0	480.0	1.5	0.0	34.4	430.0	480.0	1.5	0.0	33.7	450.0	480.0	1.5	0.0	33.3
410.0	490.0	1.5	0.0	33.9	430.0	490.0	1.5	0.0	33.4	450.0	490.0	1.5	0.0	33.0
410.0	500.0	1.5	0.0	33.5	430.0	500.0	1.5	0.0	33.1	450.0	500.0	1.5	0.0	32.5
410.0	510.0	1.5	0.0	33.2	430.0	510.0	1.5	0.0	32.8	450.0	510.0	1.5	0.0	32.2
410.0	520.0	1.5	0.0	33.0	430.0	520.0	1.5	0.0	32.4	450.0	520.0	1.5	0.0	31.8
410.0	530.0	1.5	0.0	32.7	430.0	530.0	1.5	0.0	32.0	450.0	530.0	1.5	0.0	31.8

450.0	540.0	1.5	0.0	31.4	470.0	540.0	1.5	0.0	30.8	490.0	540.0	1.5	0.0	30.6
450.0	550.0	1.5	0.0	31.1	470.0	550.0	1.5	0.0	30.5	490.0	550.0	1.5	0.0	30.2
450.0	560.0	1.5	0.0	30.7	470.0	560.0	1.5	0.0	30.6	490.0	560.0	1.5	0.0	30.0
450.0	570.0	1.5	0.0	30.4	470.0	570.0	1.5	0.0	30.2	490.0	570.0	1.5	0.0	29.7
450.0	580.0	1.5	0.0	30.2	470.0	580.0	1.5	0.0	30.0	490.0	580.0	1.5	0.0	29.4
450.0	590.0	1.5	0.0	29.9	470.0	590.0	1.5	0.0	29.7	490.0	590.0	1.5	0.0	29.2
450.0	600.0	1.5	0.0	29.7	470.0	600.0	1.5	0.0	29.4	490.0	600.0	1.5	0.0	29.2
460.0	0.0	1.5	0.0	28.9	480.0	0.0	1.5	0.0	28.7	500.0	0.0	1.5	0.0	28.4
460.0	10.0	1.5	0.0	29.1	480.0	10.0	1.5	0.0	28.9	500.0	10.0	1.5	0.0	28.7
460.0	20.0	1.5	0.0	29.5	480.0	20.0	1.5	0.0	29.3	500.0	20.0	1.5	0.0	28.8
460.0	30.0	1.5	0.0	29.6	480.0	30.0	1.5	0.0	29.6	500.0	30.0	1.5	0.0	29.0
460.0	40.0	1.5	0.0	29.9	480.0	40.0	1.5	0.0	29.8	500.0	40.0	1.5	0.0	29.3
460.0	50.0	1.5	0.0	30.2	480.0	50.0	1.5	0.0	29.8	500.0	50.0	1.5	0.0	29.6
460.0	60.0	1.5	0.0	30.6	480.0	60.0	1.5	0.0	30.1	500.0	60.0	1.5	0.0	29.7
460.0	70.0	1.5	0.0	30.8	480.0	70.0	1.5	0.0	30.4	500.0	70.0	1.5	0.0	29.9
460.0	80.0	1.5	0.0	31.1	480.0	80.0	1.5	0.0	30.5	500.0	80.0	1.5	0.0	30.0
460.0	90.0	1.5	0.0	31.3	480.0	90.0	1.5	0.0	30.8	500.0	90.0	1.5	0.0	30.3
460.0	100.0	1.5	0.0	31.6	480.0	100.0	1.5	0.0	31.1	500.0	100.0	1.5	0.0	30.4
460.0	110.0	1.5	0.0	31.8	480.0	110.0	1.5	0.0	31.3	500.0	110.0	1.5	0.0	30.6
460.0	120.0	1.5	0.0	32.1	480.0	120.0	1.5	0.0	31.4	500.0	120.0	1.5	0.0	31.0
460.0	130.0	1.5	0.0	32.4	480.0	130.0	1.5	0.0	31.6	500.0	130.0	1.5	0.0	31.2
460.0	140.0	1.5	0.0	32.5	480.0	140.0	1.5	0.0	32.1	500.0	140.0	1.5	0.0	31.4
460.0	150.0	1.5	0.0	32.9	480.0	150.0	1.5	0.0	32.3	500.0	150.0	1.5	0.0	31.8
460.0	160.0	1.5	0.0	33.2	480.0	160.0	1.5	0.0	32.6	500.0	160.0	1.5	0.0	31.7
460.0	170.0	1.5	0.0	33.5	480.0	170.0	1.5	0.0	32.8	500.0	170.0	1.5	0.0	32.0
460.0	180.0	1.5	0.0	33.9	480.0	180.0	1.5	0.0	33.0	500.0	180.0	1.5	0.0	32.3
460.0	190.0	1.5	0.0	34.1	480.0	190.0	1.5	0.0	33.2	500.0	190.0	1.5	0.0	32.5
460.0	200.0	1.5	0.0	34.4	480.0	200.0	1.5	0.0	33.4	500.0	200.0	1.5	0.0	32.7
460.0	210.0	1.5	0.0	34.5	480.0	210.0	1.5	0.0	33.7	500.0	210.0	1.5	0.0	32.9
460.0	220.0	1.5	0.0	34.9	480.0	220.0	1.5	0.0	33.9	500.0	220.0	1.5	0.0	33.0
460.0	230.0	1.5	0.0	35.1	480.0	230.0	1.5	0.0	34.0	500.0	230.0	1.5	0.0	33.1
460.0	240.0	1.5	0.0	35.3	480.0	240.0	1.5	0.0	34.2	500.0	240.0	1.5	0.0	33.2
460.0	250.0	1.5	0.0	35.4	480.0	250.0	1.5	0.0	34.2	500.0	250.0	1.5	0.0	33.2
460.0	260.0	1.5	0.0	35.7	480.0	260.0	1.5	0.0	34.3	500.0	260.0	1.5	0.0	33.4
460.0	270.0	1.5	0.0	35.6	480.0	270.0	1.5	0.0	34.6	500.0	270.0	1.5	0.0	33.5
460.0	280.0	1.5	0.0	35.9	480.0	280.0	1.5	0.0	34.9	500.0	280.0	1.5	0.0	33.8
460.0	290.0	1.5	0.0	36.1	480.0	290.0	1.5	0.0	34.8	500.0	290.0	1.5	0.0	33.7
460.0	292.0	1.5	0.0	36.1	480.0	292.0	1.5	0.0	34.9	500.0	292.0	1.5	0.0	34.0
460.0	295.0	1.5	0.0	36.1	480.0	295.0	1.5	0.0	35.0	500.0	295.0	1.5	0.0	34.1
460.0	300.0	1.5	0.0	36.3	480.0	300.0	1.5	0.0	35.2	500.0	300.0	1.5	0.0	33.7
460.0	310.0	1.5	0.0	36.0	480.0	310.0	1.5	0.0	34.8	500.0	310.0	1.5	0.0	33.6
460.0	320.0	1.5	0.0	36.1	480.0	320.0	1.5	0.0	34.7	500.0	320.0	1.5	0.0	33.7
460.0	330.0	1.5	0.0	35.8	480.0	330.0	1.5	0.0	34.7	500.0	330.0	1.5	0.0	33.6
460.0	333.5	1.5	0.0	35.8	480.0	333.5	1.5	0.0	34.5	500.0	333.5	1.5	0.0	33.5
460.0	340.0	1.5	0.0	35.8	480.0	340.0	1.5	0.0	34.6	500.0	340.0	1.5	0.0	33.5
460.0	350.0	1.5	0.0	35.6	480.0	350.0	1.5	0.0	34.5	500.0	350.0	1.5	0.0	33.7
460.0	360.0	1.5	0.0	35.5	480.0	360.0	1.5	0.0	34.4	500.0	360.0	1.5	0.0	33.4
460.0	370.0	1.5	0.0	35.4	480.0	370.0	1.5	0.0	34.3	500.0	370.0	1.5	0.0	33.2
460.0	380.0	1.5	0.0	35.1	480.0	380.0	1.5	0.0	34.2	500.0	380.0	1.5	0.0	33.2
460.0	390.0	1.5	0.0	35.0	480.0	390.0	1.5	0.0	33.9	500.0	390.0	1.5	0.0	33.1
460.0	400.0	1.5	0.0	34.7	480.0	400.0	1.5	0.0	33.8	500.0	400.0	1.5	0.0	32.8
460.0	410.0	1.5	0.0	34.5	480.0	410.0	1.5	0.0	33.5	500.0	410.0	1.5	0.0	32.7
460.0	420.0	1.5	0.0	34.3	480.0	420.0	1.5	0.0	33.4	500.0	420.0	1.5	0.0	32.5
460.0	430.0	1.5	0.0	33.9	480.0	430.0	1.5	0.0	33.3	500.0	430.0	1.5	0.0	32.4
460.0	440.0	1.5	0.0	33.8	480.0	440.0	1.5	0.0	32.8	500.0	440.0	1.5	0.0	32.3
460.0	450.0	1.5	0.0	33.5	480.0	450.0	1.5	0.0	32.7	500.0	450.0	1.5	0.0	32.0
460.0	460.0	1.5	0.0	33.4	480.0	460.0	1.5	0.0	32.5	500.0	460.0	1.5	0.0	31.6
460.0	470.0	1.5	0.0	33.2	480.0	470.0	1.5	0.0	32.4	500.0	470.0	1.5	0.0	31.6
460.0	480.0	1.5	0.0	32.9	480.0	480.0	1.5	0.0	32.2	500.0	480.0	1.5	0.0	31.4
460.0	490.0	1.5	0.0	32.6	480.0	490.0	1.5	0.0	32.1	500.0	490.0	1.5	0.0	31.3
460.0	500.0	1.5	0.0	32.4	480.0	500.0	1.5	0.0	31.8	500.0	500.0	1.5	0.0	31.1
460.0	510.0	1.5	0.0	31.9	480.0	510.0	1.5	0.0	31.4	500.0	510.0	1.5	0.0	31.0
460.0	520.0	1.5	0.0	31.6	480.0	520.0	1.5	0.0	31.3	500.0	520.0	1.5	0.0	30.7
460.0	530.0	1.5	0.0	31.3	480.0	530.0	1.5	0.0	31.0	500.0	530.0	1.5	0.0	30.4
460.0	540.0	1.5	0.0	31.0	480.0	540.0	1.5	0.0	30.7	500.0	540.0	1.5	0.0	30.4
460.0	550.0	1.5	0.0	30.9	480.0	550.0	1.5	0.0	30.4	500.0	550.0	1.5	0.0	30.1
460.0	560.0	1.5	0.0	30.7	480.0	560.0	1.5	0.0	30.1	500.0	560.0	1.5	0.0	29.8
460.0	570.0	1.5	0.0	30.3	480.0	570.0	1.5	0.0	29.9	500.0	570.0	1.5	0.0	29.6
460.0	580.0	1.5	0.0	30.0	480.0	580.0	1.5	0.0	29.8	500.0	580.0	1.5	0.0	29.3
460.0	590.0	1.5	0.0	29.8	480.0	590.0	1.5	0.0	29.6	500.0	590.0	1.5	0.0	29.1
460.0	600.0	1.5	0.0	29.5	480.0	600.0	1.5	0.0	29.3	500.0	600.0	1.5	0.0	28.8
470.0	0.0	1.5	0.0	28.8	490.0	0.0	1.5	0.0	28.7	510.0	0.0	1.5	0.0	28.4
470.0	10.0	1.5	0.0	29.1	490.0	10.0	1.5	0.0	28.9	510.0	10.0	1.5	0.0	28.4
470.0	20.0	1.5	0.0	29.3	490.0	20.0	1.5	0.0	29.1	510.0	20.0	1.5	0.0	28.7
470.0	30.0	1.5	0.0	29.7	490.0	30.0	1.5	0.0	29.2	510.0	30.0	1.5	0.0	28.9
470.0	40.0	1.5	0.0	29.8	490.0	40.0	1.5	0.0	29.4	510.0	40.0	1.5	0.0	29.2
470.0	50.0	1.5	0.0	30.2	490.0	50.0	1.5	0.0	29.7	510.0	50.0	1.5	0.0	29.2
470.0	60.0	1.5	0.0	30.4	490.0	60.0	1.5	0.0	30.0	510.0	60.0	1.5	0.0	29.5
470.0	70.0	1.5	0.0	30.5	490.0	70.0	1.5	0.0	30.1	510.0	70.0	1.5	0.0	29.6
470.0	80.0	1.5	0.0	30.8	490.0	80.0	1.5	0.0	30.4	510.0	80.0	1.5	0.0	29.8
470.0	90.0	1.5	0.0	31.1	490.0	90.0	1.5	0.0	30.4	510.0	90.0	1.5	0.0	29.9
470.0	100.0	1.5	0.0	31.3	490.0	100.0	1.5	0.0	30.8	510.0	100.0	1.5	0.0	30.2
470.0	110.0	1.5	0.0	31.6	490.0	110.0	1.5	0.0	30.8	510.0	110.0	1.5	0.0	30.5
470.0	120.0	1.5	0.0	31.8	490.0	120.0	1.5	0.0	31.1	510.0	120.0	1.5	0.0	30.8
470.0	130.0	1.5	0.0	31.9	490.0	130.0	1.5	0.0	31.5	510.0	130.0	1.5	0.0	30.9
470.0	140.0	1.5	0.0	32.1	490.0	140.0	1.5	0.0	31.7	510.0	140.0	1.5	0.0	31.2
470.0	150.0	1.5	0.0	32.7	490.0	150.0	1.5	0.0	32.0	510.0	150.0	1.5	0.0	31.2
470.0	160.0	1.5	0.0	32.8	490.0	160.0	1.5	0.0	32.4	510.0	160.0	1.5	0.0	31.5
470.0	170.0	1.5	0.0	33.3	490.0	170.0	1.5	0.0	32.4	510.0	170.0	1.5	0.0	31.8
470.0	180.0	1.5	0.0	33.3	490.0	180.0	1.5	0.0	32.6	510.0	180.0	1.5	0.0	31.9
470.0	190.0	1.5	0.0	33.8	490.0	190.0	1.5	0.0	32.8	510.0	190.0	1.5	0.0	32.0
470.0	200.0	1.5	0.0	33.8	490.0	200.0	1.5	0.0	33.1	510.0	200.0	1.5	0.0	32.3
470.0	210.0	1.5	0.0	34.1	490.0	210.0	1.5	0.0	33.3	510.0	210.0	1.5	0.0	32.3
470.0	220.0	1.5	0.0	34.4	490.0	220.0	1.5	0.0	33.3	510.0	220.0	1.5	0.0	32.5
470.0	230.0	1.5	0.0	34.5	490.0	230.0	1.5	0.0	33.6	510.0	230.0	1.5	0.0	32.6
470.0	240.0	1.5	0.0	34.7	490.0	240.0	1.5	0.0	33.6	510.0	240.0	1.5	0.0	32.7
470.0	250.0	1.5	0.0	34.8	490.0	250.0	1.5	0.0	33.8	510.0	250.0	1.5	0.0	32.9
470.0	260.0	1.5	0.0	35.0	490.0	260.0	1.5	0.0	33.9	510.0	260.0	1.5	0.0	33.0
470.0	270.0	1.5	0.0	35.2	490.0	270.0	1.5	0.0	34.0	510.0	270.0	1.5	0.0	33.1
470.0	280.0	1.5	0.0	35.2	490.0	280.0	1.5	0.0	34.5	510.0	280.0	1.5	0.0	33.3
470.0	290.0	1.5	0.0	35.3	490.0	290.0	1.5	0.0	34.2	510.0	290.0	1.5	0.0	33.4
470.0	292.0	1.5	0.0	35.4	490.0	292.0	1.5	0.0	34.3	510.0	292.0	1.5	0.0	33.5
470.0	295.0	1.5	0.0	35.5	490.0	295.0	1.5	0.0	34.5	510.0	295.0	1.5	0.0	33.6
470.0	300.0	1.5	0.0	35.6	490.0	300.0	1.5	0.0	34.3	510.0	300.0	1.5	0.0	33.2
470.0	310.0	1.5	0.0	35.4	490.0	310.0	1.5	0.0	34.2	510.0	310.0	1.5	0.0	33.3
470.0	320.0	1.5	0.0	35.4	490.0	320.0	1.5	0.0	34.2	510.0	320.0	1.5	0.0	33.2
470.0	330.0	1.5	0.0	35.2	490.0	330.0	1.5	0.0	34.1	510.0	330.0	1.5	0.0	33.1
470.0	333.5	1.5	0.0	35.2	490.0	333.5	1.5	0.0	34.0	510.0	333.5	1.5	0.0	33.0
470.0	340.0	1.5	0.0	35.2	490.0	340.0	1.5	0.0	34.0	510.0	340.0	1.5	0.0	33.0
470.0	350.0	1.5	0.0	35.0	490.0	350.0	1.5	0.0	34.2	510.0	350.0	1.5	0.0	33.2
470.0	360.0	1.5	0.0	34.9	490.0	360.0	1.5	0.0	33.9	510.0	360.0	1.5	0.0	33.0
470.0	370.0	1.5	0.0	34.8	490.0	370.0	1.5	0.0	33.6	510.0	370.0	1.5	0.0	32.7
470.0	380.0	1.5	0.0	34.6	490.0	380.0	1.5	0.0	33.7	510.0	380.0	1.5	0.0	32.7
470.0	390.0	1.5	0.0	34.3	490.0	390.0	1.5	0.0	33.5	510.0	390.0	1.5	0.0	32.7
470.0	400.0	1.5	0.0	34.2	490.0	400.0	1.5	0.0	33.3	510.0	400.0	1.5	0.0	32.5
470.0	410.0	1.5	0.0	34.1	490.0	410.0	1.5	0.0	33.1	510.0	410.0	1.5	0.0	32.3
470.0	420.0	1.5	0.0	33.9	490.0	420.0	1.5	0.0	33.1	510.0	420.0	1.5	0.0	32.2
470.0	430.0	1.5	0.0	33.5	490.0	430.0	1.5	0.0	32.7	510.0	430.0	1.5	0.0	32.0
470.0	440.0	1.5	0.0	33.3	490.0	440.0	1.5	0.0	32.5	510.0	440.0	1.5	0.0	31.8
470.0	450.0	1.5	0.0	33.1	490.0	450.0	1.5	0.0	32.2	510.0	450.0	1.5	0.0	31.7
470.0	460.0	1.5	0.0	32.9	490.0	460.0	1.5	0.0	32.1	510.0	460.0	1.5	0.0	31.3
470.0	470.0	1.5	0.0	32.8	490.0	470.0	1.5	0.0	31.9	510.0	470.0	1.5	0.0	31.2
470.0	480.0	1.5	0.0	32.6	490.0	480.0	1.5	0.0	31.8	510.0	480.0	1.5	0.0	31.1
470.0	490.0	1.5	0.0	32.3	490.0	490.0	1.5	0.0	31.7	510.0	490.0	1.5	0.0	31.0
470.0	500.0	1.5	0.0	32.0	490.0	500.0	1.5	0.0	31.5	510.0	500.0	1.5	0.0	30.8
470.0	510.0	1.5	0.0	31.8	490.0	510.0	1.5	0.0	31.2	510.0	510.0	1.5	0.0	30.6
470.0	520.0	1.5	0.0	31.5	490.0	520.0	1.5	0.0	30.9	510.0	520.0	1.5	0.0	30.5
470.0	530.0	1.5	0.0	31.2	490.0	530.0	1.5	0.0	30.8	510.0	530.0	1.5	0.0	30.3

510.0	540.0	1.5	0.0	30.0	530.0	540.0	1.5	0.0	29.6	550.0	540.0	1.5	0.0	29.0
510.0	550.0	1.5	0.0	29.9	530.0	550.0	1.5	0.0	29.4	550.0	550.0	1.5	0.0	28.9
510.0	560.0	1.5	0.0	29.7	530.0	560.0	1.5	0.0	29.1	550.0	560.0	1.5	0.0	28.8
510.0	570.0	1.5	0.0	29.5	530.0	570.0	1.5	0.0	29.0	550.0	570.0	1.5	0.0	28.6
510.0	580.0	1.5	0.0	29.2	530.0	580.0	1.5	0.0	28.9	550.0	580.0	1.5	0.0	28.4
510.0	590.0	1.5	0.0	28.9	530.0	590.0	1.5	0.0	28.7	550.0	590.0	1.5	0.0	28.2
510.0	600.0	1.5	0.0	28.7	530.0	600.0	1.5	0.0	28.4	550.0	600.0	1.5	0.0	28.1
520.0	0.0	1.5	0.0	28.1	540.0	0.0	1.5	0.0	27.7	560.0	0.0	1.5	0.0	27.3
520.0	10.0	1.5	0.0	28.3	540.0	10.0	1.5	0.0	27.9	560.0	10.0	1.5	0.0	27.5
520.0	20.0	1.5	0.0	28.5	540.0	20.0	1.5	0.0	28.1	560.0	20.0	1.5	0.0	27.7
520.0	30.0	1.5	0.0	28.7	540.0	30.0	1.5	0.0	28.2	560.0	30.0	1.5	0.0	27.8
520.0	40.0	1.5	0.0	28.8	540.0	40.0	1.5	0.0	28.4	560.0	40.0	1.5	0.0	27.9
520.0	50.0	1.5	0.0	29.1	540.0	50.0	1.5	0.0	28.6	560.0	50.0	1.5	0.0	28.0
520.0	60.0	1.5	0.0	29.1	540.0	60.0	1.5	0.0	28.6	560.0	60.0	1.5	0.0	28.3
520.0	70.0	1.5	0.0	29.5	540.0	70.0	1.5	0.0	28.8	560.0	70.0	1.5	0.0	28.5
520.0	80.0	1.5	0.0	29.5	540.0	80.0	1.5	0.0	29.0	560.0	80.0	1.5	0.0	28.7
520.0	90.0	1.5	0.0	29.7	540.0	90.0	1.5	0.0	29.4	560.0	90.0	1.5	0.0	28.8
520.0	100.0	1.5	0.0	30.1	540.0	100.0	1.5	0.0	29.5	560.0	100.0	1.5	0.0	28.9
520.0	110.0	1.5	0.0	30.3	540.0	110.0	1.5	0.0	29.8	560.0	110.0	1.5	0.0	29.2
520.0	120.0	1.5	0.0	30.4	540.0	120.0	1.5	0.0	29.9	560.0	120.0	1.5	0.0	29.4
520.0	130.0	1.5	0.0	30.7	540.0	130.0	1.5	0.0	30.1	560.0	130.0	1.5	0.0	29.6
520.0	140.0	1.5	0.0	30.9	540.0	140.0	1.5	0.0	30.3	560.0	140.0	1.5	0.0	29.7
520.0	150.0	1.5	0.0	30.8	540.0	150.0	1.5	0.0	30.5	560.0	150.0	1.5	0.0	29.8
520.0	160.0	1.5	0.0	31.3	540.0	160.0	1.5	0.0	30.5	560.0	160.0	1.5	0.0	29.9
520.0	170.0	1.5	0.0	31.4	540.0	170.0	1.5	0.0	30.7	560.0	170.0	1.5	0.0	30.1
520.0	180.0	1.5	0.0	31.5	540.0	180.0	1.5	0.0	30.9	560.0	180.0	1.5	0.0	30.2
520.0	190.0	1.5	0.0	31.7	540.0	190.0	1.5	0.0	31.0	560.0	190.0	1.5	0.0	30.3
520.0	200.0	1.5	0.0	31.9	540.0	200.0	1.5	0.0	31.1	560.0	200.0	1.5	0.0	30.5
520.0	210.0	1.5	0.0	32.0	540.0	210.0	1.5	0.0	31.3	560.0	210.0	1.5	0.0	30.5
520.0	220.0	1.5	0.0	32.1	540.0	220.0	1.5	0.0	31.2	560.0	220.0	1.5	0.0	30.5
520.0	230.0	1.5	0.0	32.1	540.0	230.0	1.5	0.0	31.3	560.0	230.0	1.5	0.0	30.8
520.0	240.0	1.5	0.0	32.3	540.0	240.0	1.5	0.0	31.6	560.0	240.0	1.5	0.0	30.8
520.0	250.0	1.5	0.0	32.5	540.0	250.0	1.5	0.0	31.5	560.0	250.0	1.5	0.0	30.7
520.0	260.0	1.5	0.0	32.4	540.0	260.0	1.5	0.0	31.7	560.0	260.0	1.5	0.0	31.1
520.0	270.0	1.5	0.0	32.7	540.0	270.0	1.5	0.0	31.8	560.0	270.0	1.5	0.0	31.2
520.0	280.0	1.5	0.0	32.9	540.0	280.0	1.5	0.0	32.1	560.0	280.0	1.5	0.0	31.2
520.0	290.0	1.5	0.0	33.0	540.0	290.0	1.5	0.0	32.2	560.0	290.0	1.5	0.0	31.1
520.0	292.0	1.5	0.0	33.1	540.0	292.0	1.5	0.0	32.0	560.0	292.0	1.5	0.0	31.2
520.0	295.0	1.5	0.0	32.7	540.0	295.0	1.5	0.0	31.9	560.0	295.0	1.5	0.0	31.0
520.0	300.0	1.5	0.0	32.7	540.0	300.0	1.5	0.0	31.8	560.0	300.0	1.5	0.0	31.0
520.0	310.0	1.5	0.0	32.8	540.0	310.0	1.5	0.0	31.9	560.0	310.0	1.5	0.0	31.1
520.0	320.0	1.5	0.0	32.8	540.0	320.0	1.5	0.0	31.9	560.0	320.0	1.5	0.0	31.1
520.0	330.0	1.5	0.0	32.6	540.0	330.0	1.5	0.0	31.7	560.0	330.0	1.5	0.0	30.8
520.0	333.5	1.5	0.0	32.6	540.0	333.5	1.5	0.0	31.7	560.0	333.5	1.5	0.0	30.9
520.0	340.0	1.5	0.0	32.5	540.0	340.0	1.5	0.0	31.7	560.0	340.0	1.5	0.0	30.9
520.0	350.0	1.5	0.0	32.8	540.0	350.0	1.5	0.0	31.8	560.0	350.0	1.5	0.0	31.0
520.0	360.0	1.5	0.0	32.5	540.0	360.0	1.5	0.0	31.8	560.0	360.0	1.5	0.0	31.1
520.0	370.0	1.5	0.0	32.4	540.0	370.0	1.5	0.0	31.6	560.0	370.0	1.5	0.0	30.9
520.0	380.0	1.5	0.0	32.3	540.0	380.0	1.5	0.0	31.4	560.0	380.0	1.5	0.0	30.7
520.0	390.0	1.5	0.0	32.2	540.0	390.0	1.5	0.0	31.4	560.0	390.0	1.5	0.0	30.7
520.0	400.0	1.5	0.0	32.0	540.0	400.0	1.5	0.0	31.2	560.0	400.0	1.5	0.0	30.5
520.0	410.0	1.5	0.0	31.8	540.0	410.0	1.5	0.0	31.2	560.0	410.0	1.5	0.0	30.3
520.0	420.0	1.5	0.0	31.8	540.0	420.0	1.5	0.0	30.9	560.0	420.0	1.5	0.0	30.4
520.0	430.0	1.5	0.0	31.5	540.0	430.0	1.5	0.0	30.9	560.0	430.0	1.5	0.0	30.3
520.0	440.0	1.5	0.0	31.6	540.0	440.0	1.5	0.0	30.7	560.0	440.0	1.5	0.0	30.1
520.0	450.0	1.5	0.0	31.3	540.0	450.0	1.5	0.0	30.7	560.0	450.0	1.5	0.0	30.0
520.0	460.0	1.5	0.0	31.1	540.0	460.0	1.5	0.0	30.4	560.0	460.0	1.5	0.0	29.9
520.0	470.0	1.5	0.0	30.8	540.0	470.0	1.5	0.0	30.4	560.0	470.0	1.5	0.0	29.7
520.0	480.0	1.5	0.0	30.7	540.0	480.0	1.5	0.0	30.0	560.0	480.0	1.5	0.0	29.7
520.0	490.0	1.5	0.0	30.5	540.0	490.0	1.5	0.0	29.9	560.0	490.0	1.5	0.0	29.4
520.0	500.0	1.5	0.0	30.5	540.0	500.0	1.5	0.0	29.7	560.0	500.0	1.5	0.0	29.1
520.0	510.0	1.5	0.0	30.3	540.0	510.0	1.5	0.0	29.6	560.0	510.0	1.5	0.0	29.1
520.0	520.0	1.5	0.0	30.2	540.0	520.0	1.5	0.0	29.5	560.0	520.0	1.5	0.0	29.0
520.0	530.0	1.5	0.0	30.0	540.0	530.0	1.5	0.0	29.5	560.0	530.0	1.5	0.0	28.8
520.0	540.0	1.5	0.0	29.8	540.0	540.0	1.5	0.0	29.3	560.0	540.0	1.5	0.0	28.7
520.0	550.0	1.5	0.0	29.5	540.0	550.0	1.5	0.0	29.2	560.0	550.0	1.5	0.0	28.6
520.0	560.0	1.5	0.0	29.4	540.0	560.0	1.5	0.0	29.0	560.0	560.0	1.5	0.0	28.5
520.0	570.0	1.5	0.0	29.3	540.0	570.0	1.5	0.0	28.7	560.0	570.0	1.5	0.0	28.4
520.0	580.0	1.5	0.0	29.0	540.0	580.0	1.5	0.0	28.6	560.0	580.0	1.5	0.0	28.3
520.0	590.0	1.5	0.0	28.8	540.0	590.0	1.5	0.0	28.5	560.0	590.0	1.5	0.0	28.1
520.0	600.0	1.5	0.0	28.5	540.0	600.0	1.5	0.0	28.3	560.0	600.0	1.5	0.0	27.8
530.0	0.0	1.5	0.0	27.9	550.0	0.0	1.5	0.0	27.6	570.0	0.0	1.5	0.0	27.1
530.0	10.0	1.5	0.0	28.1	550.0	10.0	1.5	0.0	27.6	570.0	10.0	1.5	0.0	27.4
530.0	20.0	1.5	0.0	28.3	550.0	20.0	1.5	0.0	27.7	570.0	20.0	1.5	0.0	27.4
530.0	30.0	1.5	0.0	28.4	550.0	30.0	1.5	0.0	28.1	570.0	30.0	1.5	0.0	27.6
530.0	40.0	1.5	0.0	28.7	550.0	40.0	1.5	0.0	28.3	570.0	40.0	1.5	0.0	27.7
530.0	50.0	1.5	0.0	28.7	550.0	50.0	1.5	0.0	28.3	570.0	50.0	1.5	0.0	27.9
530.0	60.0	1.5	0.0	29.1	550.0	60.0	1.5	0.0	28.4	570.0	60.0	1.5	0.0	28.2
530.0	70.0	1.5	0.0	29.1	550.0	70.0	1.5	0.0	28.7	570.0	70.0	1.5	0.0	28.3
530.0	80.0	1.5	0.0	29.2	550.0	80.0	1.5	0.0	29.0	570.0	80.0	1.5	0.0	28.4
530.0	90.0	1.5	0.0	29.5	550.0	90.0	1.5	0.0	29.1	570.0	90.0	1.5	0.0	28.5
530.0	100.0	1.5	0.0	29.8	550.0	100.0	1.5	0.0	29.2	570.0	100.0	1.5	0.0	28.8
530.0	110.0	1.5	0.0	30.0	550.0	110.0	1.5	0.0	29.4	570.0	110.0	1.5	0.0	29.1
530.0	120.0	1.5	0.0	30.2	550.0	120.0	1.5	0.0	29.7	570.0	120.0	1.5	0.0	29.1
530.0	130.0	1.5	0.0	30.4	550.0	130.0	1.5	0.0	29.7	570.0	130.0	1.5	0.0	29.3
530.0	140.0	1.5	0.0	30.3	550.0	140.0	1.5	0.0	30.0	570.0	140.0	1.5	0.0	29.4
530.0	150.0	1.5	0.0	30.8	550.0	150.0	1.5	0.0	30.2	570.0	150.0	1.5	0.0	29.5
530.0	160.0	1.5	0.0	31.0	550.0	160.0	1.5	0.0	30.2	570.0	160.0	1.5	0.0	29.6
530.0	170.0	1.5	0.0	30.9	550.0	170.0	1.5	0.0	30.3	570.0	170.0	1.5	0.0	29.8
530.0	180.0	1.5	0.0	31.1	550.0	180.0	1.5	0.0	30.6	570.0	180.0	1.5	0.0	29.7
530.0	190.0	1.5	0.0	31.4	550.0	190.0	1.5	0.0	30.5	570.0	190.0	1.5	0.0	30.1
530.0	200.0	1.5	0.0	31.3	550.0	200.0	1.5	0.0	30.8	570.0	200.0	1.5	0.0	30.0
530.0	210.0	1.5	0.0	31.7	550.0	210.0	1.5	0.0	30.8	570.0	210.0	1.5	0.0	30.0
530.0	220.0	1.5	0.0	31.6	550.0	220.0	1.5	0.0	30.8	570.0	220.0	1.5	0.0	30.2
530.0	230.0	1.5	0.0	31.8	550.0	230.0	1.5	0.0	31.0	570.0	230.0	1.5	0.0	30.4
530.0	240.0	1.5	0.0	31.9	550.0	240.0	1.5	0.0	31.2	570.0	240.0	1.5	0.0	30.3
530.0	250.0	1.5	0.0	32.0	550.0	250.0	1.5	0.0	31.1	570.0	250.0	1.5	0.0	30.5
530.0	260.0	1.5	0.0	32.0	550.0	260.0	1.5	0.0	31.5	570.0	260.0	1.5	0.0	30.6
530.0	270.0	1.5	0.0	32.3	550.0	270.0	1.5	0.0	31.5	570.0	270.0	1.5	0.0	30.9
530.0	280.0	1.5	0.0	32.4	550.0	280.0	1.5	0.0	31.7	570.0	280.0	1.5	0.0	30.8
530.0	290.0	1.5	0.0	32.7	550.0	290.0	1.5	0.0	31.5	570.0	290.0	1.5	0.0	30.8
530.0	292.0	1.5	0.0	32.6	550.0	292.0	1.5	0.0	31.5	570.0	292.0	1.5	0.0	30.7
530.0	295.0	1.5	0.0	32.3	550.0	295.0	1.5	0.0	31.4	570.0	295.0	1.5	0.0	30.6
530.0	300.0	1.5	0.0	32.2	550.0	300.0	1.5	0.0	31.3	570.0	300.0	1.5	0.0	30.7
530.0	310.0	1.5	0.0	32.4	550.0	310.0	1.5	0.0	31.4	570.0	310.0	1.5	0.0	30.7
530.0	320.0	1.5	0.0	32.3	550.0	320.0	1.5	0.0	31.5	570.0	320.0	1.5	0.0	30.7
530.0	330.0	1.5	0.0	32.2	550.0	330.0	1.5	0.0	31.3	570.0	330.0	1.5	0.0	30.4
530.0	333.5	1.5	0.0	32.1	550.0	333.5	1.5	0.0	31.2	570.0	333.5	1.5	0.0	30.6
530.0	340.0	1.5	0.0	32.1	550.0	340.0	1.5	0.0	31.3	570.0	340.0	1.5	0.0	30.6
530.0	350.0	1.5	0.0	32.2	550.0	350.0	1.5	0.0	31.3	570.0	350.0	1.5	0.0	30.5
530.0	360.0	1.5	0.0	32.1	550.0	360.0	1.5	0.0	31.6	570.0	360.0	1.5	0.0	30.7
530.0	370.0	1.5	0.0	32.0	550.0	370.0	1.5	0.0	31.3	570.0	370.0	1.5	0.0	30.6
530.0	380.0	1.5	0.0	31.9	550.0	380.0	1.5	0.0	31.0	570.0	380.0	1.5	0.0	30.3
530.0	390.0	1.5	0.0	31.6	550.0	390.0	1.5	0.0	31.1	570.0	390.0	1.5	0.0	30.4
530.0	400.0	1.5	0.0	31.6	550.0	400.0	1.5	0.0	31.0	570.0	400.0	1.5	0.0	30.0
530.0	410.0	1.5	0.0	31.5	550.0	410.0	1.5	0.0	30.7	570.0	410.0	1.5	0.0	30.1
530.0	420.0	1.5	0.0	31.4	550.0	420.0	1.5	0.0	30.6	570.0	420.0	1.5	0.0	30.0
530.0	430.0	1.5	0.0	31.2	550.0	430.0	1.5	0.0	30.6	570.0	430.0	1.5	0.0	29.8
530.0	440.0	1.5	0.0	31.0	550.0	440.0	1.5	0.0	30.3	570.0	440.0	1.5	0.0	29.8
530.0	450.0	1.5	0.0	30.9	550.0	450.0	1.5	0.0	30.2	570.0	450.0	1.5	0.0	29.6
530.0	460.0	1.5	0.0	30.8	550.0	460.0	1.5	0.0	30.2	570.0	460.0	1.5	0.0	29.5
530.0	470.0	1.5	0.0	30.6	550.0	470.0	1.5	0.0	30.0	570.0	470.0	1.5	0.0	29.5
530.0	480.0	1.5	0.0	30.3	550.0	480.0	1.5	0.0	29.8	570.0	480.0	1.5	0.0	29.2
530.0	490.0	1.5	0.0	30.2	550.0	490.0	1.5	0.0	29.6	570.0	490.0	1.5	0.0	29.2
530.0	500.0	1.5	0.0	30.1	550.0	500.0	1.5	0.0	29.5	570.0	500.0	1.5	0.0	29.0
530.0	510.0	1.5	0.0	30.0	550.0	510.0	1.5	0.0	29.4	570.0	510.0	1.5	0.0	28.7
530.0	520.0	1.5	0.0	29.8	550.0	520.0	1.5	0.0	29.2	570.0	520.0	1.5	0.0	28.6
530.0	530.0	1.5	0.0	29.7	550.0	530.0	1.5	0.0	29.1	570.0	530.0	1.5	0.0	28.6

570.0	540.0	1.5	0.0	28.4	580.0	570.0	1.5	0.0	27.9	590.0	600.0	1.5	0.0	27.3
570.0	550.0	1.5	0.0	28.3	580.0	580.0	1.5	0.0	27.8	600.0	0.0	1.5	0.0	26.6
570.0	560.0	1.5	0.0	28.3	580.0	590.0	1.5	0.0	27.6	600.0	10.0	1.5	0.0	26.6
570.0	570.0	1.5	0.0	28.1	580.0	600.0	1.5	0.0	27.5	600.0	20.0	1.5	0.0	26.8
570.0	580.0	1.5	0.0	28.0	590.0	0.0	1.5	0.0	26.7	600.0	30.0	1.5	0.0	27.0
570.0	590.0	1.5	0.0	27.9	590.0	10.0	1.5	0.0	26.9	600.0	40.0	1.5	0.0	27.3
570.0	600.0	1.5	0.0	27.7	590.0	20.0	1.5	0.0	27.0	600.0	50.0	1.5	0.0	27.2
580.0	0.0	1.5	0.0	27.1	590.0	30.0	1.5	0.0	27.2	600.0	60.0	1.5	0.0	27.4
580.0	10.0	1.5	0.0	27.0	590.0	40.0	1.5	0.0	27.3	600.0	70.0	1.5	0.0	27.6
580.0	20.0	1.5	0.0	27.2	590.0	50.0	1.5	0.0	27.7	600.0	80.0	1.5	0.0	27.8
580.0	30.0	1.5	0.0	27.2	590.0	60.0	1.5	0.0	27.6	600.0	90.0	1.5	0.0	28.1
580.0	40.0	1.5	0.0	27.5	590.0	70.0	1.5	0.0	27.7	600.0	100.0	1.5	0.0	28.1
580.0	50.0	1.5	0.0	27.8	590.0	80.0	1.5	0.0	27.9	600.0	110.0	1.5	0.0	28.2
580.0	60.0	1.5	0.0	28.0	590.0	90.0	1.5	0.0	28.2	600.0	120.0	1.5	0.0	28.4
580.0	70.0	1.5	0.0	28.0	590.0	100.0	1.5	0.0	28.3	600.0	130.0	1.5	0.0	28.4
580.0	80.0	1.5	0.0	28.1	590.0	110.0	1.5	0.0	28.5	600.0	140.0	1.5	0.0	28.5
580.0	90.0	1.5	0.0	28.4	590.0	120.0	1.5	0.0	28.6	600.0	150.0	1.5	0.0	28.7
580.0	100.0	1.5	0.0	28.7	590.0	130.0	1.5	0.0	28.7	600.0	160.0	1.5	0.0	28.8
580.0	110.0	1.5	0.0	28.7	590.0	140.0	1.5	0.0	28.8	600.0	170.0	1.5	0.0	28.8
580.0	120.0	1.5	0.0	28.9	590.0	150.0	1.5	0.0	28.9	600.0	180.0	1.5	0.0	29.0
580.0	130.0	1.5	0.0	29.0	590.0	160.0	1.5	0.0	29.1	600.0	190.0	1.5	0.0	29.1
580.0	140.0	1.5	0.0	29.1	590.0	170.0	1.5	0.0	29.1	600.0	200.0	1.5	0.0	28.9
580.0	150.0	1.5	0.0	29.2	590.0	180.0	1.5	0.0	29.3	600.0	210.0	1.5	0.0	29.2
580.0	160.0	1.5	0.0	29.4	590.0	190.0	1.5	0.0	29.3	600.0	220.0	1.5	0.0	29.4
580.0	170.0	1.5	0.0	29.5	590.0	200.0	1.5	0.0	29.3	600.0	230.0	1.5	0.0	29.3
580.0	180.0	1.5	0.0	29.5	590.0	210.0	1.5	0.0	29.5	600.0	240.0	1.5	0.0	29.5
580.0	190.0	1.5	0.0	29.8	590.0	220.0	1.5	0.0	29.7	600.0	250.0	1.5	0.0	29.6
580.0	200.0	1.5	0.0	29.7	590.0	230.0	1.5	0.0	29.6	600.0	260.0	1.5	0.0	29.6
580.0	210.0	1.5	0.0	29.6	590.0	240.0	1.5	0.0	29.7	600.0	270.0	1.5	0.0	29.9
580.0	220.0	1.5	0.0	29.9	590.0	250.0	1.5	0.0	29.9	600.0	280.0	1.5	0.0	29.7
580.0	230.0	1.5	0.0	30.0	590.0	260.0	1.5	0.0	29.9	600.0	290.0	1.5	0.0	29.7
580.0	240.0	1.5	0.0	30.0	590.0	270.0	1.5	0.0	30.4	600.0	292.0	1.5	0.0	29.7
580.0	250.0	1.5	0.0	30.2	590.0	280.0	1.5	0.0	30.3	600.0	295.0	1.5	0.0	29.6
580.0	260.0	1.5	0.0	30.2	590.0	290.0	1.5	0.0	30.0	600.0	300.0	1.5	0.0	29.6
580.0	270.0	1.5	0.0	30.6	590.0	292.0	1.5	0.0	30.0	600.0	310.0	1.5	0.0	29.6
580.0	280.0	1.5	0.0	30.7	590.0	295.0	1.5	0.0	29.9	600.0	320.0	1.5	0.0	29.8
580.0	290.0	1.5	0.0	30.4	590.0	300.0	1.5	0.0	29.9	600.0	330.0	1.5	0.0	29.4
580.0	292.0	1.5	0.0	30.4	590.0	310.0	1.5	0.0	30.0	600.0	333.5	1.5	0.0	29.3
580.0	295.0	1.5	0.0	30.3	590.0	320.0	1.5	0.0	30.1	600.0	340.0	1.5	0.0	29.5
580.0	300.0	1.5	0.0	30.3	590.0	330.0	1.5	0.0	29.7	600.0	350.0	1.5	0.0	29.5
580.0	310.0	1.5	0.0	30.3	590.0	333.5	1.5	0.0	29.7	600.0	360.0	1.5	0.0	29.5
580.0	320.0	1.5	0.0	30.5	590.0	340.0	1.5	0.0	29.8	600.0	370.0	1.5	0.0	29.7
580.0	330.0	1.5	0.0	30.1	590.0	350.0	1.5	0.0	29.8	600.0	380.0	1.5	0.0	29.5
580.0	333.5	1.5	0.0	30.2	590.0	360.0	1.5	0.0	29.9	600.0	390.0	1.5	0.0	29.3
580.0	340.0	1.5	0.0	30.2	590.0	370.0	1.5	0.0	29.9	600.0	400.0	1.5	0.0	29.3
580.0	350.0	1.5	0.0	30.2	590.0	380.0	1.5	0.0	29.9	600.0	410.0	1.5	0.0	29.1
580.0	360.0	1.5	0.0	30.3	590.0	390.0	1.5	0.0	29.6	600.0	420.0	1.5	0.0	29.1
580.0	370.0	1.5	0.0	30.2	590.0	400.0	1.5	0.0	29.6	600.0	430.0	1.5	0.0	29.0
580.0	380.0	1.5	0.0	30.2	590.0	410.0	1.5	0.0	29.6	600.0	440.0	1.5	0.0	28.9
580.0	390.0	1.5	0.0	29.9	590.0	420.0	1.5	0.0	29.3	600.0	450.0	1.5	0.0	28.9
580.0	400.0	1.5	0.0	29.9	590.0	430.0	1.5	0.0	29.4	600.0	460.0	1.5	0.0	28.7
580.0	410.0	1.5	0.0	29.8	590.0	440.0	1.5	0.0	29.1	600.0	470.0	1.5	0.0	28.5
580.0	420.0	1.5	0.0	29.6	590.0	450.0	1.5	0.0	29.1	600.0	480.0	1.5	0.0	28.6
580.0	430.0	1.5	0.0	29.7	590.0	460.0	1.5	0.0	28.9	600.0	490.0	1.5	0.0	28.4
580.0	440.0	1.5	0.0	29.6	590.0	470.0	1.5	0.0	28.8	600.0	500.0	1.5	0.0	28.3
580.0	450.0	1.5	0.0	29.3	590.0	480.0	1.5	0.0	28.8	600.0	510.0	1.5	0.0	28.2
580.0	460.0	1.5	0.0	29.2	590.0	490.0	1.5	0.0	28.6	600.0	520.0	1.5	0.0	28.0
580.0	470.0	1.5	0.0	29.3	590.0	500.0	1.5	0.0	28.6	600.0	530.0	1.5	0.0	27.7
580.0	480.0	1.5	0.0	29.0	590.0	510.0	1.5	0.0	28.3	600.0	540.0	1.5	0.0	27.7
580.0	490.0	1.5	0.0	28.9	590.0	520.0	1.5	0.0	28.1	600.0	550.0	1.5	0.0	27.5
580.0	500.0	1.5	0.0	28.7	590.0	530.0	1.5	0.0	28.0	600.0	560.0	1.5	0.0	27.4
580.0	510.0	1.5	0.0	28.5	590.0	540.0	1.5	0.0	27.9	600.0	570.0	1.5	0.0	27.3
580.0	520.0	1.5	0.0	28.4	590.0	550.0	1.5	0.0	27.7	600.0	580.0	1.5	0.0	27.2
580.0	530.0	1.5	0.0	28.2	590.0	560.0	1.5	0.0	27.7	600.0	590.0	1.5	0.0	27.2
580.0	540.0	1.5	0.0	28.1	590.0	570.0	1.5	0.0	27.6	600.0	600.0	1.5	0.0	27.1
580.0	550.0	1.5	0.0	28.1	590.0	580.0	1.5	0.0	27.5					
580.0	560.0	1.5	0.0	28.0	590.0	590.0	1.5	0.0	27.4					