



Załącznik 3

**Wyniki obliczeń propagacji hałasu dla
wariantu proponowanego – dzień i noc**

Hałas Przemysłowy Zewnętrzny

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

Opis projektu: Propagacja hałasu z zakładu w Skarbimierzu - dzień - wariant proponowany

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	Wentylacja
2	2	H2	Wentylacja
3	3	H3	Wentylacja
4	4	H4	Wentylacja
5	5	H5	Wentylacja
6	6	H6	Wentylacja
7	7	H7	Wentylacja
8	8	H8	Wentylacja
9	9	H9	Wentylacja
10	10	H10	Wentylacja
11	11	H11	Wentylacja
12	12	H12	Wentylacja
13	13	H13	Wentylacja
14	14	H14	Wentylacja
15	15	H15	Wentylacja
16	16	H16	Wentylacja
17	17	H17	Wentylacja
18	18	H18	Wentylacja
19	19	H19	Wentylacja
20	20	H20	Wentylacja
21	21	H21	Wentylacja
22	22	H22	Wentylacja
23	23	H23	Wentylacja
24	24	H24	Wentylacja
25	25	H25	Wentylacja
26	26	H26	Wentylacja
27	27	H27	Wentylacja
28	28	H28	Wentylacja
29	29	H29	Wentylacja
30	30	H30	Wentylacja
31	31	H31	Wentylacja
32	32	H32	Wentylacja
33	33	H33	Wentylacja
34	34	H34	Wentylacja
35	35	H35	Wentylacja
36	36	H36	Wentylacja
37	37	H37	Wentylacja
38	38	H38	Wentylacja
39	39	H39	Wentylacja
40	40	H40	Wentylacja
41	41	H41	Wentylacja
42	42	H42	Wentylacja
43	43	H43	Wentylacja
44	44	H44	Wentylacja
45	45	H45	Wentylacja
46	46	H46	Wentylacja
47	47	H47	Wentylacja
48	48	H48	Wentylacja
49	49	H49	Wentylacja
50	50	H50	Agregat
51	51	H51	Wieża chłodnicza
52	52	H52	Wieża chłodnicza
Źródła - budynki			
53	1	B1a	B1a
54	2	B1b	B1b
55	3	B1c	B1c
56	4	B1e	B1e
57	5	B1d	B1d

Hałas Przemysłowy Zewnętrzny

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Opis projektu: Propagacja hałasu z zakładu w Skarbimierzu - dzień - wariant proponowany

Temperatura powietrza= 10°C

Wilgotność względna RH = 70%

Ź R Ó D Ł A WSZECHKIERUNKOWE, liczba = 81

Lp	Symbol	x[m]	y[m]	z[m]	L _{WA} [dB]	K ₀
1	H1	490,0	520,0	16,0	75,0	3
2	H2	466,0	529,0	11,2	80,0	3
3	H3	461,0	517,0	11,2	80,0	3
4	H4	445,0	538,0	20,5	94,0	3
5	H5	443,0	516,0	20,5	87,0	3
6	H6	428,0	497,0	8,2	74,0	3
7	H7	420,0	495,0	8,2	70,0	3
8	H8	423,0	505,0	8,2	70,0	3
9	H9	423,0	499,0	8,2	94,0	3
10	H10	432,0	500,0	8,2	70,0	3
11	H11	460,0	523,0	11,2	78,0	3
12	H12	461,0	523,0	11,2	72,0	3
13	H13	463,0	522,0	11,2	78,0	3
14	H14	464,0	522,0	11,2	78,0	3
15	H15	436,0	525,0	20,5	101,0	3
16	H16	437,0	524,0	20,5	101,0	3
17	H17	449,0	526,0	20,5	94,0	3
18	H18	448,0	524,0	20,5	94,0	3
19	H19	462,0	536,0	5,5	51,0	3
20	H20	466,0	562,0	5,5	70,0	3
21	H21	470,0	560,0	5,5	60,0	3
22	H22	436,0	565,0	5,5	51,0	3
23	H23	467,0	565,0	5,5	70,0	3
24	H24	471,0	536,0	5,5	90,0	3
25	H25	475,0	558,0	5,5	78,0	3
26	H26	479,0	559,0	5,5	46,0	3
27	H27	464,0	530,0	11,2	70,0	3
28	H28	463,0	528,0	11,2	71,0	3
29	H29	456,0	519,0	11,2	70,0	3
30	H30	455,0	517,0	11,2	70,0	3
31	H31	494,0	520,0	16,0	70,0	3
32	H32	497,0	518,0	16,0	70,0	3
33	H33	500,0	517,0	16,0	46,0	3
34	H34	503,0	522,0	16,0	70,0	3
35	H35	502,0	520,0	16,0	78,0	3
36	H36	502,0	519,0	16,0	78,0	3
37	H37	430,0	522,0	20,5	70,0	3
38	H38	435,0	532,0	20,5	70,0	3
39	H39	435,0	532,0	20,5	70,0	3
40	H40	437,0	535,0	20,5	70,0	3
41	H41	438,0	539,0	20,5	70,0	3
42	H42	455,0	537,0	20,5	75,0	3
43	H43	455,0	532,0	20,5	75,0	3
44	H44	453,0	529,0	20,5	75,0	3
45	H45	449,0	534,0	20,5	75,0	3
46	H46	448,0	531,0	20,5	75,0	3
47	H47	435,0	509,0	23,5	75,0	3
48	H48	430,0	511,0	23,5	75,0	3
49	H49	522,0	502,0	8,2	76,0	3
50	H50	448,0	574,0	2,0	85,0	3
51	H51	411,0	503,0	5,2	86,0	3
52	H52	415,0	502,0	5,2	86,0	3
53	H53	492,0	555,0	1,5	73,0	3
54	H54	497,0	535,0	1,5	73,0	3
55	H55	514,0	523,0	1,5	73,0	3
56	H56	507,0	506,0	1,5	73,0	3
57	H57	479,0	503,0	1,5	73,0	3
58	H58	497,0	485,0	1,5	73,0	3

Lp	Symbol	x[m]	y[m]	z[m]	L _{WA} [dB]	K ₀
59	H59	478,0	475,0	1,5	73,0	3
60	H60	450,0	438,0	1,5	73,0	3
61	H61	427,0	487,0	1,5	73,0	3
62	H62	405,0	492,0	1,5	73,0	3
63	H63	374,0	505,0	1,5	73,0	3
64	H64	353,0	513,0	1,5	73,0	3
65	H65	359,0	532,0	1,5	73,0	3
66	H66	369,0	552,0	1,5	73,0	3
67	H67	377,0	569,0	1,5	73,0	3
68	H68	386,0	589,0	1,5	73,0	3
69	H69	409,0	577,0	1,5	73,0	3
70	H70	430,0	567,0	1,5	73,0	3
71	H71	454,0	555,0	1,5	73,0	3
72	H72	475,0	545,0	1,5	73,0	3
73	H73	482,0	531,0	1,5	73,0	3
74	H74	473,0	510,0	1,5	73,0	3
75	H75	464,0	489,0	1,5	73,0	3
76	H76	410,0	546,0	1,5	73,0	3
77	H77	401,0	528,0	1,5	73,0	3
78	H78	390,0	506,0	1,5	73,0	3
79	H79	424,0	552,0	1,5	73,0	3
80	H80	415,0	530,0	1,5	73,0	3
81	H81	404,0	508,0	1,5	73,0	3

Ż R Ó D Ł A - B U D Y N K I, liczba = 5

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	440,0;543,0	462,0;533,0	467,0;541,0	444,0;552,0	9,7	0,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
2	B1b	422,0;506,0	445,0;495,0	462,0;533,0	440,0;541,0	19,0	0,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
3	B1c	445,0;495,0	454,0;490,0	475,0;537,0	466,0;541,0	9,7	0,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
4	B1e	418,0;496,0	429,0;491,0	434,0;500,0	422,0;506,0	6,7	0,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
5	B1d	427,0;508,0	434,0;505,0	439,0;515,0	432,0;518,0	3,0	19,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		

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X _{min} [m]	X _{max} [m]	Y _{min} [m]	Y _{max} [m]	dx[m]	dy[m]	z[m]	L _{eq} [dB]
0,0	1000,0	0,0	1000,0	20,0	20,0	1,5	0,00

x	y	z	L _{tł}	L _A					
0.0	0.0	1.5	0.0	39.8	0.0	360.0	1.5	0.0	43.5
0.0	20.0	1.5	0.0	40.0	0.0	380.0	1.5	0.0	43.7
0.0	40.0	1.5	0.0	40.2	0.0	400.0	1.5	0.0	43.8
0.0	60.0	1.5	0.0	40.4	0.0	420.0	1.5	0.0	43.9
0.0	80.0	1.5	0.0	40.6	0.0	440.0	1.5	0.0	44.0
0.0	100.0	1.5	0.0	40.8	0.0	460.0	1.5	0.0	44.0
0.0	120.0	1.5	0.0	41.0	0.0	480.0	1.5	0.0	44.1
0.0	140.0	1.5	0.0	41.3	0.0	498.0	1.5	0.0	44.2
0.0	160.0	1.5	0.0	41.5	0.0	500.0	1.5	0.0	44.2
0.0	180.0	1.5	0.0	41.7	0.0	511.5	1.5	0.0	44.2
0.0	200.0	1.5	0.0	41.9	0.0	516.0	1.5	0.0	44.2
0.0	220.0	1.5	0.0	42.1	0.0	519.5	1.5	0.0	44.2
0.0	240.0	1.5	0.0	42.4	0.0	540.0	1.5	0.0	44.2
0.0	260.0	1.5	0.0	42.2	0.0	542.0	1.5	0.0	44.2
0.0	280.0	1.5	0.0	42.5	0.0	560.0	1.5	0.0	44.2
0.0	300.0	1.5	0.0	42.7	0.0	580.0	1.5	0.0	44.1
0.0	320.0	1.5	0.0	43.0	0.0	600.0	1.5	0.0	44.1
0.0	340.0	1.5	0.0	43.2	0.0	620.0	1.5	0.0	44.0

0.0	640.0	1.5	0.0	43.9	40.0	580.0	1.5	0.0	45.0
0.0	660.0	1.5	0.0	43.8	40.0	600.0	1.5	0.0	45.0
0.0	680.0	1.5	0.0	43.7	40.0	620.0	1.5	0.0	44.9
0.0	700.0	1.5	0.0	43.5	40.0	640.0	1.5	0.0	44.8
0.0	720.0	1.5	0.0	43.4	40.0	660.0	1.5	0.0	44.6
0.0	740.0	1.5	0.0	43.2	40.0	680.0	1.5	0.0	44.5
0.0	760.0	1.5	0.0	43.0	40.0	700.0	1.5	0.0	44.3
0.0	780.0	1.5	0.0	42.8	40.0	720.0	1.5	0.0	44.1
0.0	800.0	1.5	0.0	42.6	40.0	740.0	1.5	0.0	43.9
0.0	820.0	1.5	0.0	42.4	40.0	760.0	1.5	0.0	43.7
0.0	840.0	1.5	0.0	42.3	40.0	780.0	1.5	0.0	43.5
0.0	860.0	1.5	0.0	42.1	40.0	800.0	1.5	0.0	43.3
0.0	880.0	1.5	0.0	41.9	40.0	820.0	1.5	0.0	43.1
0.0	900.0	1.5	0.0	41.6	40.0	840.0	1.5	0.0	42.9
0.0	920.0	1.5	0.0	41.4	40.0	860.0	1.5	0.0	42.6
0.0	940.0	1.5	0.0	41.2	40.0	880.0	1.5	0.0	42.4
0.0	960.0	1.5	0.0	41.0	40.0	900.0	1.5	0.0	42.2
0.0	980.0	1.5	0.0	40.8	40.0	920.0	1.5	0.0	41.9
0.0	1000.0	1.5	0.0	40.5	40.0	940.0	1.5	0.0	41.7
20.0	0.0	1.5	0.0	39.2	40.0	960.0	1.5	0.0	41.4
20.0	20.0	1.5	0.0	39.4	40.0	980.0	1.5	0.0	41.2
20.0	40.0	1.5	0.0	40.4	40.0	1000.0	1.5	0.0	40.9
20.0	60.0	1.5	0.0	40.6	60.0	0.0	1.5	0.0	39.6
20.0	80.0	1.5	0.0	40.8	60.0	20.0	1.5	0.0	39.9
20.0	100.0	1.5	0.0	41.1	60.0	40.0	1.5	0.0	40.1
20.0	120.0	1.5	0.0	41.3	60.0	60.0	1.5	0.0	40.3
20.0	140.0	1.5	0.0	41.5	60.0	80.0	1.5	0.0	41.4
20.0	160.0	1.5	0.0	41.7	60.0	100.0	1.5	0.0	41.6
20.0	180.0	1.5	0.0	42.0	60.0	120.0	1.5	0.0	41.8
20.0	200.0	1.5	0.0	42.2	60.0	140.0	1.5	0.0	42.0
20.0	220.0	1.5	0.0	42.4	60.0	160.0	1.5	0.0	42.3
20.0	240.0	1.5	0.0	42.7	60.0	180.0	1.5	0.0	42.5
20.0	260.0	1.5	0.0	42.9	60.0	200.0	1.5	0.0	42.8
20.0	280.0	1.5	0.0	42.8	60.0	220.0	1.5	0.0	43.0
20.0	300.0	1.5	0.0	43.0	60.0	240.0	1.5	0.0	43.3
20.0	320.0	1.5	0.0	43.2	60.0	260.0	1.5	0.0	43.5
20.0	340.0	1.5	0.0	43.5	60.0	280.0	1.5	0.0	43.8
20.0	360.0	1.5	0.0	43.8	60.0	300.0	1.5	0.0	43.7
20.0	380.0	1.5	0.0	44.1	60.0	320.0	1.5	0.0	43.9
20.0	400.0	1.5	0.0	44.2	60.0	340.0	1.5	0.0	44.2
20.0	420.0	1.5	0.0	44.3	60.0	360.0	1.5	0.0	44.5
20.0	440.0	1.5	0.0	44.4	60.0	380.0	1.5	0.0	44.9
20.0	460.0	1.5	0.0	44.5	60.0	400.0	1.5	0.0	45.1
20.0	480.0	1.5	0.0	44.5	60.0	420.0	1.5	0.0	45.2
20.0	498.0	1.5	0.0	44.6	60.0	440.0	1.5	0.0	45.3
20.0	500.0	1.5	0.0	44.6	60.0	460.0	1.5	0.0	45.4
20.0	511.5	1.5	0.0	44.6	60.0	480.0	1.5	0.0	45.5
20.0	516.0	1.5	0.0	44.6	60.0	498.0	1.5	0.0	45.6
20.0	519.5	1.5	0.0	44.6	60.0	500.0	1.5	0.0	45.6
20.0	540.0	1.5	0.0	44.6	60.0	511.5	1.5	0.0	45.6
20.0	542.0	1.5	0.0	44.6	60.0	516.0	1.5	0.0	45.6
20.0	560.0	1.5	0.0	44.6	60.0	519.5	1.5	0.0	45.6
20.0	580.0	1.5	0.0	44.6	60.0	540.0	1.5	0.0	45.6
20.0	600.0	1.5	0.0	44.5	60.0	542.0	1.5	0.0	45.6
20.0	620.0	1.5	0.0	44.4	60.0	560.0	1.5	0.0	45.5
20.0	640.0	1.5	0.0	44.3	60.0	580.0	1.5	0.0	45.5
20.0	660.0	1.5	0.0	44.2	60.0	600.0	1.5	0.0	45.4
20.0	680.0	1.5	0.0	44.1	60.0	620.0	1.5	0.0	45.3
20.0	700.0	1.5	0.0	43.9	60.0	640.0	1.5	0.0	45.2
20.0	720.0	1.5	0.0	43.7	60.0	660.0	1.5	0.0	45.1
20.0	740.0	1.5	0.0	43.6	60.0	680.0	1.5	0.0	44.9
20.0	760.0	1.5	0.0	43.4	60.0	700.0	1.5	0.0	44.7
20.0	780.0	1.5	0.0	43.2	60.0	720.0	1.5	0.0	44.5
20.0	800.0	1.5	0.0	43.0	60.0	740.0	1.5	0.0	44.3
20.0	820.0	1.5	0.0	42.8	60.0	760.0	1.5	0.0	44.1
20.0	840.0	1.5	0.0	42.6	60.0	780.0	1.5	0.0	43.9
20.0	860.0	1.5	0.0	42.4	60.0	800.0	1.5	0.0	43.7
20.0	880.0	1.5	0.0	42.1	60.0	820.0	1.5	0.0	43.4
20.0	900.0	1.5	0.0	41.9	60.0	840.0	1.5	0.0	43.2
20.0	920.0	1.5	0.0	41.7	60.0	860.0	1.5	0.0	42.9
20.0	940.0	1.5	0.0	41.4	60.0	880.0	1.5	0.0	42.7
20.0	960.0	1.5	0.0	41.2	60.0	900.0	1.5	0.0	42.4
20.0	980.0	1.5	0.0	41.0	60.0	920.0	1.5	0.0	42.2
20.0	1000.0	1.5	0.0	40.7	60.0	940.0	1.5	0.0	41.9
40.0	0.0	1.5	0.0	39.4	60.0	960.0	1.5	0.0	41.6
40.0	20.0	1.5	0.0	39.7	60.0	980.0	1.5	0.0	41.4
40.0	40.0	1.5	0.0	39.8	60.0	1000.0	1.5	0.0	41.1
40.0	60.0	1.5	0.0	40.9	80.0	0.0	1.5	0.0	40.1
40.0	80.0	1.5	0.0	41.1	80.0	20.0	1.5	0.0	40.2
40.0	100.0	1.5	0.0	41.3	80.0	40.0	1.5	0.0	40.3
40.0	120.0	1.5	0.0	41.5	80.0	60.0	1.5	0.0	40.6
40.0	140.0	1.5	0.0	41.8	80.0	80.0	1.5	0.0	40.7
40.0	160.0	1.5	0.0	42.0	80.0	100.0	1.5	0.0	41.8
40.0	180.0	1.5	0.0	42.2	80.0	120.0	1.5	0.0	42.1
40.0	200.0	1.5	0.0	42.5	80.0	140.0	1.5	0.0	42.3
40.0	220.0	1.5	0.0	42.7	80.0	160.0	1.5	0.0	42.6
40.0	240.0	1.5	0.0	43.0	80.0	180.0	1.5	0.0	42.8
40.0	260.0	1.5	0.0	43.2	80.0	200.0	1.5	0.0	43.1
40.0	280.0	1.5	0.0	43.1	80.0	220.0	1.5	0.0	43.3
40.0	300.0	1.5	0.0	43.3	80.0	240.0	1.5	0.0	43.6
40.0	320.0	1.5	0.0	43.6	80.0	260.0	1.5	0.0	43.9
40.0	340.0	1.5	0.0	43.9	80.0	280.0	1.5	0.0	44.1
40.0	360.0	1.5	0.0	44.2	80.0	300.0	1.5	0.0	44.4
40.0	380.0	1.5	0.0	44.5	80.0	320.0	1.5	0.0	44.3
40.0	400.0	1.5	0.0	44.6	80.0	340.0	1.5	0.0	44.6
40.0	420.0	1.5	0.0	44.7	80.0	360.0	1.5	0.0	44.9
40.0	440.0	1.5	0.0	44.8	80.0	380.0	1.5	0.0	45.2
40.0	460.0	1.5	0.0	44.9	80.0	400.0	1.5	0.0	45.5
40.0	480.0	1.5	0.0	45.0	80.0	420.0	1.5	0.0	45.7
40.0	498.0	1.5	0.0	45.1	80.0	440.0	1.5	0.0	45.8
40.0	500.0	1.5	0.0	45.1	80.0	460.0	1.5	0.0	45.9
40.0	511.5	1.5	0.0	45.1	80.0	480.0	1.5	0.0	46.0
40.0	516.0	1.5	0.0	45.1	80.0	498.0	1.5	0.0	46.1
40.0	519.5	1.5	0.0	45.1	80.0	500.0	1.5	0.0	46.1
40.0	540.0	1.5	0.0	45.1	80.0	511.5	1.5	0.0	46.1
40.0	542.0	1.5	0.0	45.1	80.0	516.0	1.5	0.0	46.1
40.0	560.0	1.5	0.0	45.1	80.0	519.5	1.5	0.0	46.1

80.0	540.0	1.5	0.0	46.1	120.0	511.5	1.5	0.0	47.2
80.0	542.0	1.5	0.0	46.1	120.0	516.0	1.5	0.0	47.2
80.0	560.0	1.5	0.0	46.1	120.0	519.5	1.5	0.0	47.2
80.0	580.0	1.5	0.0	46.0	120.0	540.0	1.5	0.0	47.2
80.0	600.0	1.5	0.0	45.9	120.0	542.0	1.5	0.0	47.2
80.0	620.0	1.5	0.0	45.8	120.0	560.0	1.5	0.0	47.2
80.0	640.0	1.5	0.0	45.7	120.0	580.0	1.5	0.0	47.1
80.0	660.0	1.5	0.0	45.5	120.0	600.0	1.5	0.0	47.0
80.0	680.0	1.5	0.0	45.3	120.0	620.0	1.5	0.0	46.8
80.0	700.0	1.5	0.0	45.1	120.0	640.0	1.5	0.0	46.7
80.0	720.0	1.5	0.0	44.9	120.0	660.0	1.5	0.0	46.5
80.0	740.0	1.5	0.0	44.7	120.0	680.0	1.5	0.0	46.2
80.0	760.0	1.5	0.0	44.5	120.0	700.0	1.5	0.0	46.0
80.0	780.0	1.5	0.0	44.3	120.0	720.0	1.5	0.0	45.8
80.0	800.0	1.5	0.0	44.0	120.0	740.0	1.5	0.0	45.5
80.0	820.0	1.5	0.0	43.7	120.0	760.0	1.5	0.0	45.3
80.0	840.0	1.5	0.0	43.5	120.0	780.0	1.5	0.0	45.0
80.0	860.0	1.5	0.0	43.2	120.0	800.0	1.5	0.0	44.7
80.0	880.0	1.5	0.0	43.0	120.0	820.0	1.5	0.0	44.4
80.0	900.0	1.5	0.0	42.7	120.0	840.0	1.5	0.0	44.1
80.0	920.0	1.5	0.0	42.4	120.0	860.0	1.5	0.0	43.8
80.0	940.0	1.5	0.0	42.1	120.0	880.0	1.5	0.0	43.5
80.0	960.0	1.5	0.0	41.9	120.0	900.0	1.5	0.0	43.2
80.0	980.0	1.5	0.0	41.6	120.0	920.0	1.5	0.0	42.9
80.0	1000.0	1.5	0.0	41.3	120.0	940.0	1.5	0.0	42.6
100.0	0.0	1.5	0.0	40.0	120.0	960.0	1.5	0.0	42.3
100.0	20.0	1.5	0.0	40.5	120.0	980.0	1.5	0.0	42.0
100.0	40.0	1.5	0.0	40.6	120.0	1000.0	1.5	0.0	41.7
100.0	60.0	1.5	0.0	40.8	140.0	0.0	1.5	0.0	39.2
100.0	80.0	1.5	0.0	41.0	140.0	20.0	1.5	0.0	40.6
100.0	100.0	1.5	0.0	41.3	140.0	40.0	1.5	0.0	40.9
100.0	120.0	1.5	0.0	42.4	140.0	60.0	1.5	0.0	41.2
100.0	140.0	1.5	0.0	42.6	140.0	80.0	1.5	0.0	41.7
100.0	160.0	1.5	0.0	42.8	140.0	100.0	1.5	0.0	41.9
100.0	180.0	1.5	0.0	43.1	140.0	120.0	1.5	0.0	42.1
100.0	200.0	1.5	0.0	43.4	140.0	140.0	1.5	0.0	42.4
100.0	220.0	1.5	0.0	43.7	140.0	160.0	1.5	0.0	42.6
100.0	240.0	1.5	0.0	43.9	140.0	180.0	1.5	0.0	43.7
100.0	260.0	1.5	0.0	44.2	140.0	200.0	1.5	0.0	44.0
100.0	280.0	1.5	0.0	44.5	140.0	220.0	1.5	0.0	44.3
100.0	300.0	1.5	0.0	44.8	140.0	240.0	1.5	0.0	44.6
100.0	320.0	1.5	0.0	44.7	140.0	260.0	1.5	0.0	44.9
100.0	340.0	1.5	0.0	45.0	140.0	280.0	1.5	0.0	45.2
100.0	360.0	1.5	0.0	45.2	140.0	300.0	1.5	0.0	45.5
100.0	380.0	1.5	0.0	45.6	140.0	320.0	1.5	0.0	45.9
100.0	400.0	1.5	0.0	46.0	140.0	340.0	1.5	0.0	45.8
100.0	420.0	1.5	0.0	46.2	140.0	360.0	1.5	0.0	46.1
100.0	440.0	1.5	0.0	46.3	140.0	380.0	1.5	0.0	46.4
100.0	460.0	1.5	0.0	46.4	140.0	400.0	1.5	0.0	46.9
100.0	480.0	1.5	0.0	46.5	140.0	420.0	1.5	0.0	47.2
100.0	498.0	1.5	0.0	46.6	140.0	440.0	1.5	0.0	47.4
100.0	500.0	1.5	0.0	46.6	140.0	460.0	1.5	0.0	47.6
100.0	511.5	1.5	0.0	46.6	140.0	480.0	1.5	0.0	47.7
100.0	516.0	1.5	0.0	46.6	140.0	498.0	1.5	0.0	47.8
100.0	519.5	1.5	0.0	46.6	140.0	500.0	1.5	0.0	47.8
100.0	540.0	1.5	0.0	46.6	140.0	511.5	1.5	0.0	47.8
100.0	542.0	1.5	0.0	46.6	140.0	516.0	1.5	0.0	47.8
100.0	560.0	1.5	0.0	46.6	140.0	519.5	1.5	0.0	47.8
100.0	580.0	1.5	0.0	46.5	140.0	540.0	1.5	0.0	47.8
100.0	600.0	1.5	0.0	46.4	140.0	542.0	1.5	0.0	47.8
100.0	620.0	1.5	0.0	46.3	140.0	560.0	1.5	0.0	47.7
100.0	640.0	1.5	0.0	46.2	140.0	580.0	1.5	0.0	47.7
100.0	660.0	1.5	0.0	46.0	140.0	600.0	1.5	0.0	47.6
100.0	680.0	1.5	0.0	45.8	140.0	620.0	1.5	0.0	47.4
100.0	700.0	1.5	0.0	45.6	140.0	640.0	1.5	0.0	47.2
100.0	720.0	1.5	0.0	45.3	140.0	660.0	1.5	0.0	47.0
100.0	740.0	1.5	0.0	45.1	140.0	680.0	1.5	0.0	46.7
100.0	760.0	1.5	0.0	44.8	140.0	700.0	1.5	0.0	46.5
100.0	780.0	1.5	0.0	44.6	140.0	720.0	1.5	0.0	46.2
100.0	800.0	1.5	0.0	44.3	140.0	740.0	1.5	0.0	45.9
100.0	820.0	1.5	0.0	44.1	140.0	760.0	1.5	0.0	45.6
100.0	840.0	1.5	0.0	43.8	140.0	780.0	1.5	0.0	45.3
100.0	860.0	1.5	0.0	43.5	140.0	800.0	1.5	0.0	45.0
100.0	880.0	1.5	0.0	43.2	140.0	820.0	1.5	0.0	44.7
100.0	900.0	1.5	0.0	42.9	140.0	840.0	1.5	0.0	44.4
100.0	920.0	1.5	0.0	42.6	140.0	860.0	1.5	0.0	44.1
100.0	940.0	1.5	0.0	42.4	140.0	880.0	1.5	0.0	43.7
100.0	960.0	1.5	0.0	42.1	140.0	900.0	1.5	0.0	43.4
100.0	980.0	1.5	0.0	41.8	140.0	920.0	1.5	0.0	43.1
100.0	1000.0	1.5	0.0	41.5	140.0	940.0	1.5	0.0	42.8
120.0	0.0	1.5	0.0	40.1	140.0	960.0	1.5	0.0	42.5
120.0	20.0	1.5	0.0	40.4	140.0	980.0	1.5	0.0	42.2
120.0	40.0	1.5	0.0	40.9	140.0	1000.0	1.5	0.0	41.9
120.0	60.0	1.5	0.0	41.2	160.0	0.0	1.5	0.0	39.3
120.0	80.0	1.5	0.0	41.2	160.0	20.0	1.5	0.0	39.7
120.0	100.0	1.5	0.0	41.5	160.0	40.0	1.5	0.0	40.0
120.0	120.0	1.5	0.0	41.8	160.0	60.0	1.5	0.0	41.3
120.0	140.0	1.5	0.0	42.0	160.0	80.0	1.5	0.0	41.7
120.0	160.0	1.5	0.0	43.1	160.0	100.0	1.5	0.0	42.2
120.0	180.0	1.5	0.0	43.4	160.0	120.0	1.5	0.0	42.6
120.0	200.0	1.5	0.0	43.7	160.0	140.0	1.5	0.0	42.6
120.0	220.0	1.5	0.0	44.0	160.0	160.0	1.5	0.0	42.9
120.0	240.0	1.5	0.0	44.3	160.0	180.0	1.5	0.0	43.2
120.0	260.0	1.5	0.0	44.6	160.0	200.0	1.5	0.0	44.4
120.0	280.0	1.5	0.0	44.9	160.0	220.0	1.5	0.0	44.6
120.0	300.0	1.5	0.0	45.2	160.0	240.0	1.5	0.0	45.0
120.0	320.0	1.5	0.0	45.4	160.0	260.0	1.5	0.0	45.3
120.0	340.0	1.5	0.0	45.4	160.0	280.0	1.5	0.0	45.6
120.0	360.0	1.5	0.0	45.7	160.0	300.0	1.5	0.0	46.0
120.0	380.0	1.5	0.0	46.1	160.0	320.0	1.5	0.0	46.3
120.0	400.0	1.5	0.0	46.4	160.0	340.0	1.5	0.0	46.6
120.0	420.0	1.5	0.0	46.7	160.0	360.0	1.5	0.0	46.6
120.0	440.0	1.5	0.0	46.8	160.0	380.0	1.5	0.0	46.9
120.0	460.0	1.5	0.0	47.0	160.0	400.0	1.5	0.0	47.4
120.0	480.0	1.5	0.0	47.1	160.0	420.0	1.5	0.0	47.8
120.0	498.0	1.5	0.0	47.2	160.0	440.0	1.5	0.0	48.0
120.0	500.0	1.5	0.0	47.2	160.0	460.0	1.5	0.0	48.2

160.0	480.0	1.5	0.0	48.3	200.0	420.0	1.5	0.0	48.7
160.0	498.0	1.5	0.0	48.4	200.0	440.0	1.5	0.0	49.1
160.0	500.0	1.5	0.0	48.4	200.0	460.0	1.5	0.0	49.5
160.0	511.5	1.5	0.0	48.4	200.0	480.0	1.5	0.0	49.7
160.0	516.0	1.5	0.0	48.4	200.0	498.0	1.5	0.0	49.8
160.0	519.5	1.5	0.0	48.4	200.0	500.0	1.5	0.0	49.8
160.0	540.0	1.5	0.0	48.4	200.0	511.5	1.5	0.0	49.9
160.0	542.0	1.5	0.0	48.4	200.0	516.0	1.5	0.0	49.9
160.0	560.0	1.5	0.0	48.4	200.0	519.5	1.5	0.0	49.9
160.0	580.0	1.5	0.0	48.3	200.0	540.0	1.5	0.0	49.9
160.0	600.0	1.5	0.0	48.2	200.0	542.0	1.5	0.0	49.9
160.0	620.0	1.5	0.0	48.0	200.0	560.0	1.5	0.0	49.8
160.0	640.0	1.5	0.0	47.7	200.0	580.0	1.5	0.0	49.7
160.0	660.0	1.5	0.0	47.5	200.0	600.0	1.5	0.0	49.5
160.0	680.0	1.5	0.0	47.2	200.0	620.0	1.5	0.0	49.2
160.0	700.0	1.5	0.0	46.9	200.0	640.0	1.5	0.0	48.9
160.0	720.0	1.5	0.0	46.7	200.0	660.0	1.5	0.0	48.6
160.0	740.0	1.5	0.0	46.4	200.0	680.0	1.5	0.0	48.3
160.0	760.0	1.5	0.0	46.0	200.0	700.0	1.5	0.0	48.0
160.0	780.0	1.5	0.0	45.7	200.0	720.0	1.5	0.0	47.6
160.0	800.0	1.5	0.0	45.4	200.0	740.0	1.5	0.0	47.2
160.0	820.0	1.5	0.0	45.0	200.0	760.0	1.5	0.0	46.8
160.0	840.0	1.5	0.0	44.7	200.0	780.0	1.5	0.0	46.4
160.0	860.0	1.5	0.0	44.3	200.0	800.0	1.5	0.0	46.1
160.0	880.0	1.5	0.0	44.0	200.0	820.0	1.5	0.0	45.6
160.0	900.0	1.5	0.0	43.7	200.0	840.0	1.5	0.0	45.3
160.0	920.0	1.5	0.0	43.3	200.0	860.0	1.5	0.0	44.9
160.0	940.0	1.5	0.0	43.0	200.0	880.0	1.5	0.0	44.5
160.0	960.0	1.5	0.0	42.7	200.0	900.0	1.5	0.0	44.1
160.0	980.0	1.5	0.0	42.4	200.0	920.0	1.5	0.0	43.7
160.0	1000.0	1.5	0.0	42.0	200.0	940.0	1.5	0.0	43.3
180.0	0.0	1.5	0.0	39.4	200.0	960.0	1.5	0.0	43.0
180.0	20.0	1.5	0.0	39.7	200.0	980.0	1.5	0.0	42.7
180.0	40.0	1.5	0.0	40.1	200.0	1000.0	1.5	0.0	42.3
180.0	60.0	1.5	0.0	40.4	220.0	0.0	1.5	0.0	39.4
180.0	80.0	1.5	0.0	41.8	220.0	20.0	1.5	0.0	39.8
180.0	100.0	1.5	0.0	42.2	220.0	40.0	1.5	0.0	40.2
180.0	120.0	1.5	0.0	42.5	220.0	60.0	1.5	0.0	40.6
180.0	140.0	1.5	0.0	42.9	220.0	80.0	1.5	0.0	41.0
180.0	160.0	1.5	0.0	43.2	220.0	100.0	1.5	0.0	41.4
180.0	180.0	1.5	0.0	43.4	220.0	120.0	1.5	0.0	41.7
180.0	200.0	1.5	0.0	43.8	220.0	140.0	1.5	0.0	42.1
180.0	220.0	1.5	0.0	45.0	220.0	160.0	1.5	0.0	43.6
180.0	240.0	1.5	0.0	45.3	220.0	180.0	1.5	0.0	44.0
180.0	260.0	1.5	0.0	45.6	220.0	200.0	1.5	0.0	44.5
180.0	280.0	1.5	0.0	46.0	220.0	220.0	1.5	0.0	44.7
180.0	300.0	1.5	0.0	46.4	220.0	240.0	1.5	0.0	45.1
180.0	320.0	1.5	0.0	46.7	220.0	260.0	1.5	0.0	45.4
180.0	340.0	1.5	0.0	47.1	220.0	280.0	1.5	0.0	46.7
180.0	360.0	1.5	0.0	47.4	220.0	300.0	1.5	0.0	47.1
180.0	380.0	1.5	0.0	47.4	220.0	320.0	1.5	0.0	47.6
180.0	400.0	1.5	0.0	47.8	220.0	340.0	1.5	0.0	48.0
180.0	420.0	1.5	0.0	48.3	220.0	360.0	1.5	0.0	48.4
180.0	440.0	1.5	0.0	48.6	220.0	380.0	1.5	0.0	48.8
180.0	460.0	1.5	0.0	48.8	220.0	400.0	1.5	0.0	48.9
180.0	480.0	1.5	0.0	49.0	220.0	420.0	1.5	0.0	49.3
180.0	498.0	1.5	0.0	49.1	220.0	440.0	1.5	0.0	49.7
180.0	500.0	1.5	0.0	49.1	220.0	460.0	1.5	0.0	50.0
180.0	511.5	1.5	0.0	49.1	220.0	480.0	1.5	0.0	50.3
180.0	516.0	1.5	0.0	49.1	220.0	498.0	1.5	0.0	50.6
180.0	519.5	1.5	0.0	49.1	220.0	500.0	1.5	0.0	50.6
180.0	540.0	1.5	0.0	49.1	220.0	511.5	1.5	0.0	50.7
180.0	542.0	1.5	0.0	49.1	220.0	516.0	1.5	0.0	50.7
180.0	560.0	1.5	0.0	49.1	220.0	519.5	1.5	0.0	50.7
180.0	580.0	1.5	0.0	49.0	220.0	540.0	1.5	0.0	50.7
180.0	600.0	1.5	0.0	48.8	220.0	542.0	1.5	0.0	50.7
180.0	620.0	1.5	0.0	48.6	220.0	560.0	1.5	0.0	50.6
180.0	640.0	1.5	0.0	48.3	220.0	580.0	1.5	0.0	50.4
180.0	660.0	1.5	0.0	48.0	220.0	600.0	1.5	0.0	50.2
180.0	680.0	1.5	0.0	47.7	220.0	620.0	1.5	0.0	49.9
180.0	700.0	1.5	0.0	47.4	220.0	640.0	1.5	0.0	49.6
180.0	720.0	1.5	0.0	47.1	220.0	660.0	1.5	0.0	49.2
180.0	740.0	1.5	0.0	46.8	220.0	680.0	1.5	0.0	48.9
180.0	760.0	1.5	0.0	46.4	220.0	700.0	1.5	0.0	48.5
180.0	780.0	1.5	0.0	46.1	220.0	720.0	1.5	0.0	48.1
180.0	800.0	1.5	0.0	45.7	220.0	740.0	1.5	0.0	47.6
180.0	820.0	1.5	0.0	45.4	220.0	760.0	1.5	0.0	47.2
180.0	840.0	1.5	0.0	45.0	220.0	780.0	1.5	0.0	46.8
180.0	860.0	1.5	0.0	44.6	220.0	800.0	1.5	0.0	46.4
180.0	880.0	1.5	0.0	44.3	220.0	820.0	1.5	0.0	45.9
180.0	900.0	1.5	0.0	43.9	220.0	840.0	1.5	0.0	45.5
180.0	920.0	1.5	0.0	43.5	220.0	860.0	1.5	0.0	45.1
180.0	940.0	1.5	0.0	43.2	220.0	880.0	1.5	0.0	44.7
180.0	960.0	1.5	0.0	42.9	220.0	900.0	1.5	0.0	44.3
180.0	980.0	1.5	0.0	42.5	220.0	920.0	1.5	0.0	43.9
180.0	1000.0	1.5	0.0	42.2	220.0	940.0	1.5	0.0	43.5
200.0	0.0	1.5	0.0	39.4	220.0	960.0	1.5	0.0	43.2
200.0	20.0	1.5	0.0	39.8	220.0	980.0	1.5	0.0	42.8
200.0	40.0	1.5	0.0	40.1	220.0	1000.0	1.5	0.0	42.5
200.0	60.0	1.5	0.0	40.5	240.0	0.0	1.5	0.0	39.4
200.0	80.0	1.5	0.0	40.9	240.0	20.0	1.5	0.0	39.7
200.0	100.0	1.5	0.0	41.3	240.0	40.0	1.5	0.0	40.1
200.0	120.0	1.5	0.0	42.7	240.0	60.0	1.5	0.0	40.5
200.0	140.0	1.5	0.0	43.0	240.0	80.0	1.5	0.0	41.0
200.0	160.0	1.5	0.0	43.4	240.0	100.0	1.5	0.0	41.3
200.0	180.0	1.5	0.0	43.8	240.0	120.0	1.5	0.0	41.8
200.0	200.0	1.5	0.0	44.1	240.0	140.0	1.5	0.0	42.2
200.0	220.0	1.5	0.0	44.4	240.0	160.0	1.5	0.0	42.7
200.0	240.0	1.5	0.0	45.7	240.0	180.0	1.5	0.0	43.1
200.0	260.0	1.5	0.0	46.0	240.0	200.0	1.5	0.0	44.6
200.0	280.0	1.5	0.0	46.4	240.0	220.0	1.5	0.0	44.9
200.0	300.0	1.5	0.0	46.7	240.0	240.0	1.5	0.0	45.3
200.0	320.0	1.5	0.0	47.1	240.0	260.0	1.5	0.0	45.7
200.0	340.0	1.5	0.0	47.5	240.0	280.0	1.5	0.0	46.1
200.0	360.0	1.5	0.0	47.9	240.0	300.0	1.5	0.0	47.5
200.0	380.0	1.5	0.0	47.9	240.0	320.0	1.5	0.0	48.0
200.0	400.0	1.5	0.0	48.3	240.0	340.0	1.5	0.0	48.5

240.0	360.0	1.5	0.0	49.0	280.0	300.0	1.5	0.0	46.3
240.0	380.0	1.5	0.0	49.4	280.0	320.0	1.5	0.0	47.0
240.0	400.0	1.5	0.0	49.5	280.0	340.0	1.5	0.0	48.8
240.0	420.0	1.5	0.0	49.9	280.0	360.0	1.5	0.0	49.4
240.0	440.0	1.5	0.0	50.4	280.0	380.0	1.5	0.0	50.6
240.0	460.0	1.5	0.0	50.8	280.0	400.0	1.5	0.0	51.2
240.0	480.0	1.5	0.0	51.0	280.0	420.0	1.5	0.0	51.8
240.0	498.0	1.5	0.0	51.2	280.0	440.0	1.5	0.0	51.9
240.0	500.0	1.5	0.0	51.2	280.0	460.0	1.5	0.0	52.5
240.0	511.5	1.5	0.0	51.3	280.0	480.0	1.5	0.0	52.9
240.0	516.0	1.5	0.0	51.3	280.0	498.0	1.5	0.0	53.1
240.0	519.5	1.5	0.0	51.4	280.0	500.0	1.5	0.0	53.2
240.0	540.0	1.5	0.0	51.5	280.0	511.5	1.5	0.0	53.2
240.0	542.0	1.5	0.0	51.5	280.0	516.0	1.5	0.0	53.2
240.0	560.0	1.5	0.0	51.4	280.0	519.5	1.5	0.0	53.2
240.0	580.0	1.5	0.0	51.2	280.0	540.0	1.5	0.0	53.2
240.0	600.0	1.5	0.0	51.0	280.0	542.0	1.5	0.0	53.2
240.0	620.0	1.5	0.0	50.6	280.0	560.0	1.5	0.0	53.0
240.0	640.0	1.5	0.0	50.2	280.0	580.0	1.5	0.0	52.7
240.0	660.0	1.5	0.0	49.9	280.0	600.0	1.5	0.0	52.3
240.0	680.0	1.5	0.0	49.4	280.0	620.0	1.5	0.0	52.2
240.0	700.0	1.5	0.0	49.0	280.0	640.0	1.5	0.0	51.7
240.0	720.0	1.5	0.0	48.5	280.0	660.0	1.5	0.0	51.2
240.0	740.0	1.5	0.0	48.1	280.0	680.0	1.5	0.0	50.6
240.0	760.0	1.5	0.0	47.6	280.0	700.0	1.5	0.0	50.0
240.0	780.0	1.5	0.0	47.1	280.0	720.0	1.5	0.0	49.5
240.0	800.0	1.5	0.0	46.7	280.0	740.0	1.5	0.0	48.9
240.0	820.0	1.5	0.0	46.2	280.0	760.0	1.5	0.0	48.3
240.0	840.0	1.5	0.0	45.8	280.0	780.0	1.5	0.0	47.8
240.0	860.0	1.5	0.0	45.4	280.0	800.0	1.5	0.0	47.2
240.0	880.0	1.5	0.0	44.9	280.0	820.0	1.5	0.0	46.7
240.0	900.0	1.5	0.0	44.5	280.0	840.0	1.5	0.0	46.2
240.0	920.0	1.5	0.0	44.1	280.0	860.0	1.5	0.0	45.8
240.0	940.0	1.5	0.0	43.7	280.0	880.0	1.5	0.0	45.6
240.0	960.0	1.5	0.0	43.4	280.0	900.0	1.5	0.0	45.2
240.0	980.0	1.5	0.0	43.2	280.0	920.0	1.5	0.0	44.7
240.0	1000.0	1.5	0.0	42.9	280.0	940.0	1.5	0.0	44.3
260.0	0.0	1.5	0.0	39.4	280.0	960.0	1.5	0.0	44.0
260.0	20.0	1.5	0.0	39.7	280.0	980.0	1.5	0.0	43.8
260.0	40.0	1.5	0.0	40.1	280.0	1000.0	1.5	0.0	43.4
260.0	60.0	1.5	0.0	40.5	300.0	0.0	1.5	0.0	40.4
260.0	80.0	1.5	0.0	40.9	300.0	20.0	1.5	0.0	40.7
260.0	100.0	1.5	0.0	41.3	300.0	40.0	1.5	0.0	41.1
260.0	120.0	1.5	0.0	41.8	300.0	60.0	1.5	0.0	41.1
260.0	140.0	1.5	0.0	42.3	300.0	80.0	1.5	0.0	41.3
260.0	160.0	1.5	0.0	42.7	300.0	100.0	1.5	0.0	41.2
260.0	180.0	1.5	0.0	43.2	300.0	120.0	1.5	0.0	41.7
260.0	200.0	1.5	0.0	43.6	300.0	140.0	1.5	0.0	42.2
260.0	220.0	1.5	0.0	45.1	300.0	160.0	1.5	0.0	42.7
260.0	240.0	1.5	0.0	45.4	300.0	180.0	1.5	0.0	43.2
260.0	260.0	1.5	0.0	46.0	300.0	200.0	1.5	0.0	43.5
260.0	280.0	1.5	0.0	46.5	300.0	220.0	1.5	0.0	43.8
260.0	300.0	1.5	0.0	46.9	300.0	240.0	1.5	0.0	44.4
260.0	320.0	1.5	0.0	47.9	300.0	260.0	1.5	0.0	45.1
260.0	340.0	1.5	0.0	49.0	300.0	280.0	1.5	0.0	44.9
260.0	360.0	1.5	0.0	49.5	300.0	300.0	1.5	0.0	46.2
260.0	380.0	1.5	0.0	50.0	300.0	320.0	1.5	0.0	47.0
260.0	400.0	1.5	0.0	50.5	300.0	340.0	1.5	0.0	47.7
260.0	420.0	1.5	0.0	50.6	300.0	360.0	1.5	0.0	49.2
260.0	440.0	1.5	0.0	51.2	300.0	380.0	1.5	0.0	50.6
260.0	460.0	1.5	0.0	51.6	300.0	400.0	1.5	0.0	51.9
260.0	480.0	1.5	0.0	51.9	300.0	420.0	1.5	0.0	52.6
260.0	498.0	1.5	0.0	52.1	300.0	440.0	1.5	0.0	52.8
260.0	500.0	1.5	0.0	52.1	300.0	460.0	1.5	0.0	53.5
260.0	511.5	1.5	0.0	52.2	300.0	480.0	1.5	0.0	54.0
260.0	516.0	1.5	0.0	52.2	300.0	498.0	1.5	0.0	54.3
260.0	519.5	1.5	0.0	52.2	300.0	500.0	1.5	0.0	54.3
260.0	540.0	1.5	0.0	52.2	300.0	511.5	1.5	0.0	54.4
260.0	542.0	1.5	0.0	52.2	300.0	516.0	1.5	0.0	54.4
260.0	560.0	1.5	0.0	52.1	300.0	519.5	1.5	0.0	54.4
260.0	580.0	1.5	0.0	52.1	300.0	540.0	1.5	0.0	54.4
260.0	600.0	1.5	0.0	51.8	300.0	542.0	1.5	0.0	54.4
260.0	620.0	1.5	0.0	51.4	300.0	560.0	1.5	0.0	54.1
260.0	640.0	1.5	0.0	50.9	300.0	580.0	1.5	0.0	53.7
260.0	660.0	1.5	0.0	50.5	300.0	600.0	1.5	0.0	53.2
260.0	680.0	1.5	0.0	50.0	300.0	620.0	1.5	0.0	52.7
260.0	700.0	1.5	0.0	49.5	300.0	640.0	1.5	0.0	52.2
260.0	720.0	1.5	0.0	49.0	300.0	660.0	1.5	0.0	51.8
260.0	740.0	1.5	0.0	48.5	300.0	680.0	1.5	0.0	51.2
260.0	760.0	1.5	0.0	48.0	300.0	700.0	1.5	0.0	50.5
260.0	780.0	1.5	0.0	47.4	300.0	720.0	1.5	0.0	49.8
260.0	800.0	1.5	0.0	47.0	300.0	740.0	1.5	0.0	49.2
260.0	820.0	1.5	0.0	46.5	300.0	760.0	1.5	0.0	48.7
260.0	840.0	1.5	0.0	46.0	300.0	780.0	1.5	0.0	48.0
260.0	860.0	1.5	0.0	45.5	300.0	800.0	1.5	0.0	47.5
260.0	880.0	1.5	0.0	45.1	300.0	820.0	1.5	0.0	47.0
260.0	900.0	1.5	0.0	44.7	300.0	840.0	1.5	0.0	46.7
260.0	920.0	1.5	0.0	44.3	300.0	860.0	1.5	0.0	46.3
260.0	940.0	1.5	0.0	44.1	300.0	880.0	1.5	0.0	45.8
260.0	960.0	1.5	0.0	43.8	300.0	900.0	1.5	0.0	45.3
260.0	980.0	1.5	0.0	43.4	300.0	920.0	1.5	0.0	45.1
260.0	1000.0	1.5	0.0	43.1	300.0	940.0	1.5	0.0	44.7
280.0	0.0	1.5	0.0	39.9	300.0	960.0	1.5	0.0	44.3
280.0	20.0	1.5	0.0	39.8	300.0	980.0	1.5	0.0	43.9
280.0	40.0	1.5	0.0	40.1	300.0	1000.0	1.5	0.0	43.5
280.0	60.0	1.5	0.0	40.5	320.0	0.0	1.5	0.0	40.7
280.0	80.0	1.5	0.0	40.8	320.0	20.0	1.5	0.0	41.1
280.0	100.0	1.5	0.0	41.3	320.0	40.0	1.5	0.0	41.5
280.0	120.0	1.5	0.0	41.7	320.0	60.0	1.5	0.0	41.5
280.0	140.0	1.5	0.0	42.2	320.0	80.0	1.5	0.0	41.8
280.0	160.0	1.5	0.0	42.7	320.0	100.0	1.5	0.0	42.2
280.0	180.0	1.5	0.0	43.3	320.0	120.0	1.5	0.0	42.7
280.0	200.0	1.5	0.0	43.5	320.0	140.0	1.5	0.0	42.7
280.0	220.0	1.5	0.0	43.9	320.0	160.0	1.5	0.0	42.7
280.0	240.0	1.5	0.0	44.3	320.0	180.0	1.5	0.0	42.9
280.0	260.0	1.5	0.0	46.1	320.0	200.0	1.5	0.0	43.3
280.0	280.0	1.5	0.0	46.2	320.0	220.0	1.5	0.0	43.7

320.0	240.0	1.5	0.0	44.3	360.0	180.0	1.5	0.0	43.8
320.0	260.0	1.5	0.0	44.5	360.0	200.0	1.5	0.0	43.8
320.0	280.0	1.5	0.0	44.8	360.0	220.0	1.5	0.0	44.1
320.0	300.0	1.5	0.0	45.5	360.0	240.0	1.5	0.0	44.6
320.0	320.0	1.5	0.0	46.3	360.0	260.0	1.5	0.0	44.4
320.0	340.0	1.5	0.0	47.7	360.0	280.0	1.5	0.0	45.0
320.0	360.0	1.5	0.0	48.5	360.0	300.0	1.5	0.0	45.7
320.0	380.0	1.5	0.0	49.5	360.0	320.0	1.5	0.0	46.3
320.0	400.0	1.5	0.0	51.2	360.0	340.0	1.5	0.0	47.1
320.0	420.0	1.5	0.0	52.8	360.0	360.0	1.5	0.0	48.0
320.0	440.0	1.5	0.0	54.1	360.0	380.0	1.5	0.0	49.0
320.0	460.0	1.5	0.0	54.5	360.0	400.0	1.5	0.0	50.6
320.0	480.0	1.5	0.0	55.2	360.0	420.0	1.5	0.0	51.7
320.0	498.0	1.5	0.0	55.7	360.0	440.0	1.5	0.0	53.8
320.0	500.0	1.5	0.0	55.7	360.0	460.0	1.5	0.0	55.6
320.0	511.5	1.5	0.0	55.8	360.0	480.0	1.5	0.0	56.6
320.0	516.0	1.5	0.0	55.8	360.0	498.0	1.5	0.0	58.4
320.0	519.5	1.5	0.0	55.8	360.0	500.0	1.5	0.0	58.5
320.0	540.0	1.5	0.0	55.7	360.0	511.5	1.5	0.0	59.1
320.0	542.0	1.5	0.0	55.7	360.0	516.0	1.5	0.0	59.6
320.0	560.0	1.5	0.0	55.4	360.0	519.5	1.5	0.0	59.6
320.0	580.0	1.5	0.0	54.9	360.0	540.0	1.5	0.0	59.4
320.0	600.0	1.5	0.0	54.3	360.0	542.0	1.5	0.0	59.3
320.0	620.0	1.5	0.0	53.6	360.0	560.0	1.5	0.0	58.6
320.0	640.0	1.5	0.0	52.8	360.0	580.0	1.5	0.0	57.6
320.0	660.0	1.5	0.0	52.2	360.0	600.0	1.5	0.0	56.5
320.0	680.0	1.5	0.0	51.6	360.0	620.0	1.5	0.0	55.3
320.0	700.0	1.5	0.0	51.0	360.0	640.0	1.5	0.0	54.3
320.0	720.0	1.5	0.0	50.3	360.0	660.0	1.5	0.0	53.2
320.0	740.0	1.5	0.0	49.6	360.0	680.0	1.5	0.0	52.4
320.0	760.0	1.5	0.0	48.9	360.0	700.0	1.5	0.0	51.6
320.0	780.0	1.5	0.0	48.3	360.0	720.0	1.5	0.0	50.9
320.0	800.0	1.5	0.0	48.0	360.0	740.0	1.5	0.0	50.3
320.0	820.0	1.5	0.0	47.5	360.0	760.0	1.5	0.0	49.7
320.0	840.0	1.5	0.0	46.9	360.0	780.0	1.5	0.0	49.0
320.0	860.0	1.5	0.0	46.6	360.0	800.0	1.5	0.0	48.5
320.0	880.0	1.5	0.0	46.1	360.0	820.0	1.5	0.0	48.0
320.0	900.0	1.5	0.0	45.7	360.0	840.0	1.5	0.0	47.5
320.0	920.0	1.5	0.0	45.2	360.0	860.0	1.5	0.0	46.9
320.0	940.0	1.5	0.0	44.8	360.0	880.0	1.5	0.0	46.4
320.0	960.0	1.5	0.0	44.4	360.0	900.0	1.5	0.0	45.9
320.0	980.0	1.5	0.0	44.0	360.0	920.0	1.5	0.0	45.5
320.0	1000.0	1.5	0.0	43.6	360.0	940.0	1.5	0.0	44.9
340.0	0.0	1.5	0.0	40.8	360.0	960.0	1.5	0.0	44.4
340.0	20.0	1.5	0.0	41.2	360.0	980.0	1.5	0.0	44.0
340.0	40.0	1.5	0.0	41.5	360.0	1000.0	1.5	0.0	43.6
340.0	60.0	1.5	0.0	41.7	380.0	0.0	1.5	0.0	40.1
340.0	80.0	1.5	0.0	42.1	380.0	20.0	1.5	0.0	40.5
340.0	100.0	1.5	0.0	42.5	380.0	40.0	1.5	0.0	40.7
340.0	120.0	1.5	0.0	42.9	380.0	60.0	1.5	0.0	41.0
340.0	140.0	1.5	0.0	43.2	380.0	80.0	1.5	0.0	41.4
340.0	160.0	1.5	0.0	43.5	380.0	100.0	1.5	0.0	41.8
340.0	180.0	1.5	0.0	43.6	380.0	120.0	1.5	0.0	42.7
340.0	200.0	1.5	0.0	43.3	380.0	140.0	1.5	0.0	43.2
340.0	220.0	1.5	0.0	43.6	380.0	160.0	1.5	0.0	43.5
340.0	240.0	1.5	0.0	44.2	380.0	180.0	1.5	0.0	43.5
340.0	260.0	1.5	0.0	44.3	380.0	200.0	1.5	0.0	43.8
340.0	280.0	1.5	0.0	44.9	380.0	220.0	1.5	0.0	44.5
340.0	300.0	1.5	0.0	45.6	380.0	240.0	1.5	0.0	44.8
340.0	320.0	1.5	0.0	46.2	380.0	260.0	1.5	0.0	45.2
340.0	340.0	1.5	0.0	47.0	380.0	280.0	1.5	0.0	45.8
340.0	360.0	1.5	0.0	48.6	380.0	300.0	1.5	0.0	45.7
340.0	380.0	1.5	0.0	49.4	380.0	320.0	1.5	0.0	46.4
340.0	400.0	1.5	0.0	50.6	380.0	340.0	1.5	0.0	47.3
340.0	420.0	1.5	0.0	52.4	380.0	360.0	1.5	0.0	48.2
340.0	440.0	1.5	0.0	53.7	380.0	380.0	1.5	0.0	49.2
340.0	460.0	1.5	0.0	55.0	380.0	400.0	1.5	0.0	50.4
340.0	480.0	1.5	0.0	56.5	380.0	420.0	1.5	0.0	51.8
340.0	498.0	1.5	0.0	57.3	380.0	440.0	1.5	0.0	53.6
340.0	500.0	1.5	0.0	57.3	380.0	460.0	1.5	0.0	55.8
340.0	511.5	1.5	0.0	57.5	380.0	480.0	1.5	0.0	58.0
340.0	516.0	1.5	0.0	57.6	380.0	498.0	1.5	0.0	59.4
340.0	519.5	1.5	0.0	57.6	380.0	500.0	1.5	0.0	59.6
340.0	540.0	1.5	0.0	57.4	380.0	511.5	1.5	0.0	60.0
340.0	542.0	1.5	0.0	57.3	380.0	516.0	1.5	0.0	60.0
340.0	560.0	1.5	0.0	56.9	380.0	519.5	1.5	0.0	60.0
340.0	580.0	1.5	0.0	56.2	380.0	540.0	1.5	0.0	60.1
340.0	600.0	1.5	0.0	55.3	380.0	542.0	1.5	0.0	60.1
340.0	620.0	1.5	0.0	54.5	380.0	560.0	1.5	0.0	60.3
340.0	640.0	1.5	0.0	53.6	380.0	580.0	1.5	0.0	59.2
340.0	660.0	1.5	0.0	52.7	380.0	600.0	1.5	0.0	57.6
340.0	680.0	1.5	0.0	51.9	380.0	620.0	1.5	0.0	56.2
340.0	700.0	1.5	0.0	51.2	380.0	640.0	1.5	0.0	54.9
340.0	720.0	1.5	0.0	50.5	380.0	660.0	1.5	0.0	53.7
340.0	740.0	1.5	0.0	50.0	380.0	680.0	1.5	0.0	52.7
340.0	760.0	1.5	0.0	49.4	380.0	700.0	1.5	0.0	52.0
340.0	780.0	1.5	0.0	48.9	380.0	720.0	1.5	0.0	51.3
340.0	800.0	1.5	0.0	48.4	380.0	740.0	1.5	0.0	50.6
340.0	820.0	1.5	0.0	47.9	380.0	760.0	1.5	0.0	49.8
340.0	840.0	1.5	0.0	47.3	380.0	780.0	1.5	0.0	49.2
340.0	860.0	1.5	0.0	46.8	380.0	800.0	1.5	0.0	48.4
340.0	880.0	1.5	0.0	46.3	380.0	820.0	1.5	0.0	47.8
340.0	900.0	1.5	0.0	45.8	380.0	840.0	1.5	0.0	47.3
340.0	920.0	1.5	0.0	45.4	380.0	860.0	1.5	0.0	46.9
340.0	940.0	1.5	0.0	44.9	380.0	880.0	1.5	0.0	46.4
340.0	960.0	1.5	0.0	44.5	380.0	900.0	1.5	0.0	45.9
340.0	980.0	1.5	0.0	44.1	380.0	920.0	1.5	0.0	45.4
340.0	1000.0	1.5	0.0	43.7	380.0	940.0	1.5	0.0	45.0
360.0	0.0	1.5	0.0	40.5	380.0	960.0	1.5	0.0	44.5
360.0	20.0	1.5	0.0	40.8	380.0	980.0	1.5	0.0	44.1
360.0	40.0	1.5	0.0	41.1	380.0	1000.0	1.5	0.0	43.7
360.0	60.0	1.5	0.0	41.4	400.0	0.0	1.5	0.0	40.2
360.0	80.0	1.5	0.0	41.8	400.0	20.0	1.5	0.0	40.4
360.0	100.0	1.5	0.0	42.2	400.0	40.0	1.5	0.0	40.7
360.0	120.0	1.5	0.0	43.0	400.0	60.0	1.5	0.0	41.1
360.0	140.0	1.5	0.0	43.5	400.0	80.0	1.5	0.0	41.5
360.0	160.0	1.5	0.0	43.6	400.0	100.0	1.5	0.0	41.9

400.0	120.0	1.5	0.0	42.3	426.0	60.0	1.5	0.0	41.3
400.0	140.0	1.5	0.0	42.6	426.0	80.0	1.5	0.0	41.6
400.0	160.0	1.5	0.0	43.1	426.0	100.0	1.5	0.0	42.1
400.0	180.0	1.5	0.0	43.3	426.0	120.0	1.5	0.0	42.5
400.0	200.0	1.5	0.0	43.8	426.0	140.0	1.5	0.0	42.9
400.0	220.0	1.5	0.0	44.1	426.0	160.0	1.5	0.0	43.4
400.0	240.0	1.5	0.0	44.4	426.0	180.0	1.5	0.0	44.0
400.0	260.0	1.5	0.0	45.2	426.0	200.0	1.5	0.0	44.2
400.0	280.0	1.5	0.0	45.8	426.0	220.0	1.5	0.0	44.2
400.0	300.0	1.5	0.0	46.2	426.0	240.0	1.5	0.0	44.7
400.0	320.0	1.5	0.0	47.1	426.0	260.0	1.5	0.0	45.2
400.0	340.0	1.5	0.0	47.5	426.0	280.0	1.5	0.0	45.6
400.0	360.0	1.5	0.0	48.4	426.0	300.0	1.5	0.0	46.2
400.0	380.0	1.5	0.0	49.4	426.0	320.0	1.5	0.0	46.9
400.0	400.0	1.5	0.0	50.7	426.0	340.0	1.5	0.0	47.7
400.0	420.0	1.5	0.0	52.2	426.0	360.0	1.5	0.0	48.6
400.0	440.0	1.5	0.0	54.1	426.0	380.0	1.5	0.0	49.6
400.0	460.0	1.5	0.0	55.9	426.0	400.0	1.5	0.0	50.9
400.0	480.0	1.5	0.0	59.4	426.0	420.0	1.5	0.0	52.5
400.0	498.0	1.5	0.0	62.8	426.0	440.0	1.5	0.0	53.8
400.0	500.0	1.5	0.0	62.9	426.0	460.0	1.5	0.0	56.4
400.0	511.5	1.5	0.0	62.5	426.0	480.0	1.5	0.0	58.0
400.0	516.0	1.5	0.0	61.8	426.0	498.0	1.5	0.0	-1.0
400.0	519.5	1.5	0.0	61.4	426.0	500.0	1.5	0.0	-1.0
400.0	540.0	1.5	0.0	60.0	426.0	511.5	1.5	0.0	-1.0
400.0	542.0	1.5	0.0	59.9	426.0	516.0	1.5	0.0	60.5
400.0	560.0	1.5	0.0	60.8	426.0	519.5	1.5	0.0	59.9
400.0	580.0	1.5	0.0	59.7	426.0	540.0	1.5	0.0	58.6
400.0	600.0	1.5	0.0	58.5	426.0	542.0	1.5	0.0	58.7
400.0	620.0	1.5	0.0	56.8	426.0	560.0	1.5	0.0	60.1
400.0	640.0	1.5	0.0	55.4	426.0	580.0	1.5	0.0	58.9
400.0	660.0	1.5	0.0	54.0	426.0	600.0	1.5	0.0	57.3
400.0	680.0	1.5	0.0	52.9	426.0	620.0	1.5	0.0	56.5
400.0	700.0	1.5	0.0	52.1	426.0	640.0	1.5	0.0	55.1
400.0	720.0	1.5	0.0	51.4	426.0	660.0	1.5	0.0	54.3
400.0	740.0	1.5	0.0	50.6	426.0	680.0	1.5	0.0	53.3
400.0	760.0	1.5	0.0	49.8	426.0	700.0	1.5	0.0	52.4
400.0	780.0	1.5	0.0	49.1	426.0	720.0	1.5	0.0	51.6
400.0	800.0	1.5	0.0	48.5	426.0	740.0	1.5	0.0	50.7
400.0	820.0	1.5	0.0	47.9	426.0	760.0	1.5	0.0	49.9
400.0	840.0	1.5	0.0	47.3	426.0	780.0	1.5	0.0	49.2
400.0	860.0	1.5	0.0	46.8	426.0	800.0	1.5	0.0	48.5
400.0	880.0	1.5	0.0	46.3	426.0	820.0	1.5	0.0	47.9
400.0	900.0	1.5	0.0	46.0	426.0	840.0	1.5	0.0	47.3
400.0	920.0	1.5	0.0	45.5	426.0	860.0	1.5	0.0	46.8
400.0	940.0	1.5	0.0	45.0	426.0	880.0	1.5	0.0	46.3
400.0	960.0	1.5	0.0	44.6	426.0	900.0	1.5	0.0	45.8
400.0	980.0	1.5	0.0	44.2	426.0	920.0	1.5	0.0	45.3
400.0	1000.0	1.5	0.0	43.8	426.0	940.0	1.5	0.0	45.0
420.0	0.0	1.5	0.0	40.3	426.0	960.0	1.5	0.0	44.6
420.0	20.0	1.5	0.0	40.6	426.0	980.0	1.5	0.0	44.2
420.0	40.0	1.5	0.0	40.8	426.0	1000.0	1.5	0.0	43.8
420.0	60.0	1.5	0.0	41.2	433.0	0.0	1.5	0.0	40.3
420.0	80.0	1.5	0.0	41.6	433.0	20.0	1.5	0.0	40.6
420.0	100.0	1.5	0.0	42.0	433.0	40.0	1.5	0.0	40.9
420.0	120.0	1.5	0.0	42.4	433.0	60.0	1.5	0.0	41.3
420.0	140.0	1.5	0.0	42.9	433.0	80.0	1.5	0.0	41.7
420.0	160.0	1.5	0.0	43.4	433.0	100.0	1.5	0.0	42.1
420.0	180.0	1.5	0.0	43.7	433.0	120.0	1.5	0.0	42.5
420.0	200.0	1.5	0.0	44.1	433.0	140.0	1.5	0.0	43.0
420.0	220.0	1.5	0.0	44.1	433.0	160.0	1.5	0.0	43.5
420.0	240.0	1.5	0.0	44.6	433.0	180.0	1.5	0.0	44.0
420.0	260.0	1.5	0.0	45.1	433.0	200.0	1.5	0.0	44.5
420.0	280.0	1.5	0.0	45.5	433.0	220.0	1.5	0.0	44.2
420.0	300.0	1.5	0.0	46.2	433.0	240.0	1.5	0.0	44.7
420.0	320.0	1.5	0.0	46.9	433.0	260.0	1.5	0.0	45.3
420.0	340.0	1.5	0.0	47.7	433.0	280.0	1.5	0.0	45.7
420.0	360.0	1.5	0.0	48.6	433.0	300.0	1.5	0.0	46.3
420.0	380.0	1.5	0.0	49.6	433.0	320.0	1.5	0.0	47.0
420.0	400.0	1.5	0.0	50.8	433.0	340.0	1.5	0.0	47.8
420.0	420.0	1.5	0.0	52.4	433.0	360.0	1.5	0.0	48.7
420.0	440.0	1.5	0.0	53.7	433.0	380.0	1.5	0.0	49.7
420.0	460.0	1.5	0.0	56.4	433.0	400.0	1.5	0.0	50.9
420.0	480.0	1.5	0.0	58.9	433.0	420.0	1.5	0.0	52.5
420.0	498.0	1.5	0.0	-1.0	433.0	440.0	1.5	0.0	54.0
420.0	500.0	1.5	0.0	-1.0	433.0	460.0	1.5	0.0	56.2
420.0	511.5	1.5	0.0	63.0	433.0	480.0	1.5	0.0	56.4
420.0	516.0	1.5	0.0	61.4	433.0	498.0	1.5	0.0	54.7
420.0	519.5	1.5	0.0	60.9	433.0	500.0	1.5	0.0	-1.0
420.0	540.0	1.5	0.0	59.1	433.0	511.5	1.5	0.0	-1.0
420.0	542.0	1.5	0.0	59.1	433.0	516.0	1.5	0.0	-1.0
420.0	560.0	1.5	0.0	59.6	433.0	519.5	1.5	0.0	-1.0
420.0	580.0	1.5	0.0	59.0	433.0	540.0	1.5	0.0	58.2
420.0	600.0	1.5	0.0	58.2	433.0	542.0	1.5	0.0	58.3
420.0	620.0	1.5	0.0	56.6	433.0	560.0	1.5	0.0	60.1
420.0	640.0	1.5	0.0	55.6	433.0	580.0	1.5	0.0	58.9
420.0	660.0	1.5	0.0	54.3	433.0	600.0	1.5	0.0	57.0
420.0	680.0	1.5	0.0	53.2	433.0	620.0	1.5	0.0	55.7
420.0	700.0	1.5	0.0	52.3	433.0	640.0	1.5	0.0	55.1
420.0	720.0	1.5	0.0	51.5	433.0	660.0	1.5	0.0	54.4
420.0	740.0	1.5	0.0	50.7	433.0	680.0	1.5	0.0	53.3
420.0	760.0	1.5	0.0	49.9	433.0	700.0	1.5	0.0	52.4
420.0	780.0	1.5	0.0	49.2	433.0	720.0	1.5	0.0	51.6
420.0	800.0	1.5	0.0	48.5	433.0	740.0	1.5	0.0	50.7
420.0	820.0	1.5	0.0	47.9	433.0	760.0	1.5	0.0	49.9
420.0	840.0	1.5	0.0	47.3	433.0	780.0	1.5	0.0	49.2
420.0	860.0	1.5	0.0	46.8	433.0	800.0	1.5	0.0	48.5
420.0	880.0	1.5	0.0	46.3	433.0	820.0	1.5	0.0	47.9
420.0	900.0	1.5	0.0	45.8	433.0	840.0	1.5	0.0	47.3
420.0	920.0	1.5	0.0	45.4	433.0	860.0	1.5	0.0	46.8
420.0	940.0	1.5	0.0	45.0	433.0	880.0	1.5	0.0	46.3
420.0	960.0	1.5	0.0	44.6	433.0	900.0	1.5	0.0	45.8
420.0	980.0	1.5	0.0	44.2	433.0	920.0	1.5	0.0	45.3
420.0	1000.0	1.5	0.0	43.8	433.0	940.0	1.5	0.0	44.9
426.0	0.0	1.5	0.0	40.3	433.0	960.0	1.5	0.0	44.6
426.0	20.0	1.5	0.0	40.5	433.0	980.0	1.5	0.0	44.2
426.0	40.0	1.5	0.0	40.9	433.0	1000.0	1.5	0.0	43.8

440.0	0.0	1.5	0.0	40.4	442.0	960.0	1.5	0.0	44.5
440.0	20.0	1.5	0.0	40.7	442.0	980.0	1.5	0.0	44.2
440.0	40.0	1.5	0.0	41.0	442.0	1000.0	1.5	0.0	43.8
440.0	60.0	1.5	0.0	41.4	453.5	0.0	1.5	0.0	40.4
440.0	80.0	1.5	0.0	41.8	453.5	20.0	1.5	0.0	40.7
440.0	100.0	1.5	0.0	42.1	453.5	40.0	1.5	0.0	41.1
440.0	120.0	1.5	0.0	42.6	453.5	60.0	1.5	0.0	41.5
440.0	140.0	1.5	0.0	43.0	453.5	80.0	1.5	0.0	41.9
440.0	160.0	1.5	0.0	43.6	453.5	100.0	1.5	0.0	42.3
440.0	180.0	1.5	0.0	44.1	453.5	120.0	1.5	0.0	42.7
440.0	200.0	1.5	0.0	44.4	453.5	140.0	1.5	0.0	43.2
440.0	220.0	1.5	0.0	44.6	453.5	160.0	1.5	0.0	43.7
440.0	240.0	1.5	0.0	44.8	453.5	180.0	1.5	0.0	44.2
440.0	260.0	1.5	0.0	45.4	453.5	200.0	1.5	0.0	44.1
440.0	280.0	1.5	0.0	45.8	453.5	220.0	1.5	0.0	44.6
440.0	300.0	1.5	0.0	46.4	453.5	240.0	1.5	0.0	45.2
440.0	320.0	1.5	0.0	47.0	453.5	260.0	1.5	0.0	45.4
440.0	340.0	1.5	0.0	47.8	453.5	280.0	1.5	0.0	45.9
440.0	360.0	1.5	0.0	48.7	453.5	300.0	1.5	0.0	46.5
440.0	380.0	1.5	0.0	49.7	453.5	320.0	1.5	0.0	47.2
440.0	400.0	1.5	0.0	51.0	453.5	340.0	1.5	0.0	47.9
440.0	420.0	1.5	0.0	52.5	453.5	360.0	1.5	0.0	48.8
440.0	440.0	1.5	0.0	54.7	453.5	380.0	1.5	0.0	49.8
440.0	460.0	1.5	0.0	55.8	453.5	400.0	1.5	0.0	51.0
440.0	480.0	1.5	0.0	54.6	453.5	420.0	1.5	0.0	52.6
440.0	498.0	1.5	0.0	-1.0	453.5	440.0	1.5	0.0	56.4
440.0	500.0	1.5	0.0	-1.0	453.5	460.0	1.5	0.0	56.0
440.0	511.5	1.5	0.0	-1.0	453.5	480.0	1.5	0.0	54.2
440.0	516.0	1.5	0.0	-1.0	453.5	498.0	1.5	0.0	-1.0
440.0	519.5	1.5	0.0	-1.0	453.5	500.0	1.5	0.0	-1.0
440.0	540.0	1.5	0.0	-1.0	453.5	511.5	1.5	0.0	-1.0
440.0	542.0	1.5	0.0	58.5	453.5	516.0	1.5	0.0	-1.0
440.0	560.0	1.5	0.0	60.1	453.5	519.5	1.5	0.0	-1.0
440.0	580.0	1.5	0.0	60.0	453.5	540.0	1.5	0.0	-1.0
440.0	600.0	1.5	0.0	56.6	453.5	542.0	1.5	0.0	-1.0
440.0	620.0	1.5	0.0	55.4	453.5	560.0	1.5	0.0	60.3
440.0	640.0	1.5	0.0	54.9	453.5	580.0	1.5	0.0	60.6
440.0	660.0	1.5	0.0	53.8	453.5	600.0	1.5	0.0	55.6
440.0	680.0	1.5	0.0	53.4	453.5	620.0	1.5	0.0	54.6
440.0	700.0	1.5	0.0	52.4	453.5	640.0	1.5	0.0	54.0
440.0	720.0	1.5	0.0	51.6	453.5	660.0	1.5	0.0	53.4
440.0	740.0	1.5	0.0	50.7	453.5	680.0	1.5	0.0	53.3
440.0	760.0	1.5	0.0	49.9	453.5	700.0	1.5	0.0	53.0
440.0	780.0	1.5	0.0	49.2	453.5	720.0	1.5	0.0	51.5
440.0	800.0	1.5	0.0	48.5	453.5	740.0	1.5	0.0	50.6
440.0	820.0	1.5	0.0	47.9	453.5	760.0	1.5	0.0	49.8
440.0	840.0	1.5	0.0	47.3	453.5	780.0	1.5	0.0	49.1
440.0	860.0	1.5	0.0	46.8	453.5	800.0	1.5	0.0	48.4
440.0	880.0	1.5	0.0	46.2	453.5	820.0	1.5	0.0	47.8
440.0	900.0	1.5	0.0	45.8	453.5	840.0	1.5	0.0	47.2
440.0	920.0	1.5	0.0	45.3	453.5	860.0	1.5	0.0	46.6
440.0	940.0	1.5	0.0	44.9	453.5	880.0	1.5	0.0	46.1
440.0	960.0	1.5	0.0	44.5	453.5	900.0	1.5	0.0	45.6
440.0	980.0	1.5	0.0	44.2	453.5	920.0	1.5	0.0	45.1
440.0	1000.0	1.5	0.0	43.8	453.5	940.0	1.5	0.0	44.7
442.0	0.0	1.5	0.0	40.4	453.5	960.0	1.5	0.0	44.3
442.0	20.0	1.5	0.0	40.7	453.5	980.0	1.5	0.0	43.9
442.0	40.0	1.5	0.0	40.9	453.5	1000.0	1.5	0.0	43.5
442.0	60.0	1.5	0.0	41.4	460.0	0.0	1.5	0.0	40.5
442.0	80.0	1.5	0.0	41.7	460.0	20.0	1.5	0.0	40.9
442.0	100.0	1.5	0.0	42.1	460.0	40.0	1.5	0.0	41.1
442.0	120.0	1.5	0.0	42.6	460.0	60.0	1.5	0.0	41.5
442.0	140.0	1.5	0.0	43.1	460.0	80.0	1.5	0.0	41.9
442.0	160.0	1.5	0.0	43.6	460.0	100.0	1.5	0.0	42.3
442.0	180.0	1.5	0.0	44.1	460.0	120.0	1.5	0.0	42.8
442.0	200.0	1.5	0.0	44.4	460.0	140.0	1.5	0.0	43.2
442.0	220.0	1.5	0.0	44.6	460.0	160.0	1.5	0.0	43.7
442.0	240.0	1.5	0.0	44.8	460.0	180.0	1.5	0.0	44.3
442.0	260.0	1.5	0.0	45.4	460.0	200.0	1.5	0.0	44.1
442.0	280.0	1.5	0.0	45.8	460.0	220.0	1.5	0.0	44.6
442.0	300.0	1.5	0.0	46.4	460.0	240.0	1.5	0.0	45.2
442.0	320.0	1.5	0.0	47.1	460.0	260.0	1.5	0.0	45.7
442.0	340.0	1.5	0.0	47.8	460.0	280.0	1.5	0.0	45.9
442.0	360.0	1.5	0.0	48.7	460.0	300.0	1.5	0.0	46.5
442.0	380.0	1.5	0.0	49.8	460.0	320.0	1.5	0.0	47.2
442.0	400.0	1.5	0.0	51.0	460.0	340.0	1.5	0.0	47.9
442.0	420.0	1.5	0.0	52.6	460.0	360.0	1.5	0.0	48.8
442.0	440.0	1.5	0.0	54.9	460.0	380.0	1.5	0.0	49.8
442.0	460.0	1.5	0.0	55.8	460.0	400.0	1.5	0.0	51.0
442.0	480.0	1.5	0.0	54.6	460.0	420.0	1.5	0.0	52.3
442.0	498.0	1.5	0.0	-1.0	460.0	440.0	1.5	0.0	54.3
442.0	500.0	1.5	0.0	-1.0	460.0	460.0	1.5	0.0	55.6
442.0	511.5	1.5	0.0	-1.0	460.0	480.0	1.5	0.0	57.8
442.0	516.0	1.5	0.0	-1.0	460.0	498.0	1.5	0.0	54.2
442.0	519.5	1.5	0.0	-1.0	460.0	500.0	1.5	0.0	54.2
442.0	540.0	1.5	0.0	-1.0	460.0	511.5	1.5	0.0	-1.0
442.0	542.0	1.5	0.0	57.2	460.0	516.0	1.5	0.0	-1.0
442.0	560.0	1.5	0.0	60.2	460.0	519.5	1.5	0.0	-1.0
442.0	580.0	1.5	0.0	60.7	460.0	540.0	1.5	0.0	-1.0
442.0	600.0	1.5	0.0	56.5	460.0	542.0	1.5	0.0	-1.0
442.0	620.0	1.5	0.0	55.2	460.0	560.0	1.5	0.0	59.5
442.0	640.0	1.5	0.0	54.2	460.0	580.0	1.5	0.0	58.2
442.0	660.0	1.5	0.0	53.8	460.0	600.0	1.5	0.0	55.2
442.0	680.0	1.5	0.0	53.4	460.0	620.0	1.5	0.0	54.0
442.0	700.0	1.5	0.0	52.4	460.0	640.0	1.5	0.0	53.4
442.0	720.0	1.5	0.0	51.6	460.0	660.0	1.5	0.0	53.0
442.0	740.0	1.5	0.0	50.7	460.0	680.0	1.5	0.0	53.1
442.0	760.0	1.5	0.0	49.9	460.0	700.0	1.5	0.0	52.5
442.0	780.0	1.5	0.0	49.2	460.0	720.0	1.5	0.0	52.1
442.0	800.0	1.5	0.0	48.5	460.0	740.0	1.5	0.0	51.7
442.0	820.0	1.5	0.0	47.9	460.0	760.0	1.5	0.0	50.9
442.0	840.0	1.5	0.0	47.3	460.0	780.0	1.5	0.0	49.0
442.0	860.0	1.5	0.0	46.8	460.0	800.0	1.5	0.0	48.3
442.0	880.0	1.5	0.0	46.2	460.0	820.0	1.5	0.0	47.8
442.0	900.0	1.5	0.0	45.8	460.0	840.0	1.5	0.0	47.2
442.0	920.0	1.5	0.0	45.3	460.0	860.0	1.5	0.0	46.6
442.0	940.0	1.5	0.0	44.9	460.0	880.0	1.5	0.0	46.1

460.0	900.0	1.5	0.0	45.6	500.0	840.0	1.5	0.0	48.1
460.0	920.0	1.5	0.0	45.1	500.0	860.0	1.5	0.0	47.6
460.0	940.0	1.5	0.0	44.7	500.0	880.0	1.5	0.0	47.0
460.0	960.0	1.5	0.0	44.3	500.0	900.0	1.5	0.0	46.6
460.0	980.0	1.5	0.0	43.8	500.0	920.0	1.5	0.0	46.1
460.0	1000.0	1.5	0.0	43.4	500.0	940.0	1.5	0.0	45.6
480.0	0.0	1.5	0.0	40.6	500.0	960.0	1.5	0.0	45.2
480.0	20.0	1.5	0.0	41.0	500.0	980.0	1.5	0.0	44.8
480.0	40.0	1.5	0.0	41.4	500.0	1000.0	1.5	0.0	44.4
480.0	60.0	1.5	0.0	41.8	520.0	0.0	1.5	0.0	40.8
480.0	80.0	1.5	0.0	42.1	520.0	20.0	1.5	0.0	41.2
480.0	100.0	1.5	0.0	42.5	520.0	40.0	1.5	0.0	41.6
480.0	120.0	1.5	0.0	43.0	520.0	60.0	1.5	0.0	42.0
480.0	140.0	1.5	0.0	43.5	520.0	80.0	1.5	0.0	42.4
480.0	160.0	1.5	0.0	44.0	520.0	100.0	1.5	0.0	42.9
480.0	180.0	1.5	0.0	44.1	520.0	120.0	1.5	0.0	43.4
480.0	200.0	1.5	0.0	44.0	520.0	140.0	1.5	0.0	43.8
480.0	220.0	1.5	0.0	44.6	520.0	160.0	1.5	0.0	45.1
480.0	240.0	1.5	0.0	45.1	520.0	180.0	1.5	0.0	44.7
480.0	260.0	1.5	0.0	45.7	520.0	200.0	1.5	0.0	45.1
480.0	280.0	1.5	0.0	46.3	520.0	220.0	1.5	0.0	45.2
480.0	300.0	1.5	0.0	47.0	520.0	240.0	1.5	0.0	45.7
480.0	320.0	1.5	0.0	47.3	520.0	260.0	1.5	0.0	46.7
480.0	340.0	1.5	0.0	48.6	520.0	280.0	1.5	0.0	47.3
480.0	360.0	1.5	0.0	49.3	520.0	300.0	1.5	0.0	47.8
480.0	380.0	1.5	0.0	50.3	520.0	320.0	1.5	0.0	48.4
480.0	400.0	1.5	0.0	51.3	520.0	340.0	1.5	0.0	49.1
480.0	420.0	1.5	0.0	52.3	520.0	360.0	1.5	0.0	49.8
480.0	440.0	1.5	0.0	53.3	520.0	380.0	1.5	0.0	50.6
480.0	460.0	1.5	0.0	55.7	520.0	400.0	1.5	0.0	51.4
480.0	480.0	1.5	0.0	56.0	520.0	420.0	1.5	0.0	52.4
480.0	498.0	1.5	0.0	55.6	520.0	440.0	1.5	0.0	51.6
480.0	500.0	1.5	0.0	57.5	520.0	460.0	1.5	0.0	52.3
480.0	511.5	1.5	0.0	55.5	520.0	480.0	1.5	0.0	52.5
480.0	516.0	1.5	0.0	55.2	520.0	498.0	1.5	0.0	54.7
480.0	519.5	1.5	0.0	55.1	520.0	500.0	1.5	0.0	55.1
480.0	540.0	1.5	0.0	56.2	520.0	511.5	1.5	0.0	54.7
480.0	542.0	1.5	0.0	58.0	520.0	516.0	1.5	0.0	54.8
480.0	560.0	1.5	0.0	58.3	520.0	519.5	1.5	0.0	55.2
480.0	580.0	1.5	0.0	55.5	520.0	540.0	1.5	0.0	54.1
480.0	600.0	1.5	0.0	54.4	520.0	542.0	1.5	0.0	54.1
480.0	620.0	1.5	0.0	53.6	520.0	560.0	1.5	0.0	53.0
480.0	640.0	1.5	0.0	52.8	520.0	580.0	1.5	0.0	52.7
480.0	660.0	1.5	0.0	52.3	520.0	600.0	1.5	0.0	52.5
480.0	680.0	1.5	0.0	51.6	520.0	620.0	1.5	0.0	52.1
480.0	700.0	1.5	0.0	51.3	520.0	640.0	1.5	0.0	51.6
480.0	720.0	1.5	0.0	51.3	520.0	660.0	1.5	0.0	51.3
480.0	740.0	1.5	0.0	51.1	520.0	680.0	1.5	0.0	51.0
480.0	760.0	1.5	0.0	50.4	520.0	700.0	1.5	0.0	50.4
480.0	780.0	1.5	0.0	50.1	520.0	720.0	1.5	0.0	50.7
480.0	800.0	1.5	0.0	49.4	520.0	740.0	1.5	0.0	50.8
480.0	820.0	1.5	0.0	48.8	520.0	760.0	1.5	0.0	50.2
480.0	840.0	1.5	0.0	48.2	520.0	780.0	1.5	0.0	49.8
480.0	860.0	1.5	0.0	47.6	520.0	800.0	1.5	0.0	49.3
480.0	880.0	1.5	0.0	47.1	520.0	820.0	1.5	0.0	48.2
480.0	900.0	1.5	0.0	46.6	520.0	840.0	1.5	0.0	47.7
480.0	920.0	1.5	0.0	46.1	520.0	860.0	1.5	0.0	47.6
480.0	940.0	1.5	0.0	44.5	520.0	880.0	1.5	0.0	47.1
480.0	960.0	1.5	0.0	44.1	520.0	900.0	1.5	0.0	46.5
480.0	980.0	1.5	0.0	43.6	520.0	920.0	1.5	0.0	46.0
480.0	1000.0	1.5	0.0	43.2	520.0	940.0	1.5	0.0	45.5
500.0	0.0	1.5	0.0	40.7	520.0	960.0	1.5	0.0	45.1
500.0	20.0	1.5	0.0	41.1	520.0	980.0	1.5	0.0	44.7
500.0	40.0	1.5	0.0	41.5	520.0	1000.0	1.5	0.0	44.3
500.0	60.0	1.5	0.0	41.9	540.0	0.0	1.5	0.0	40.9
500.0	80.0	1.5	0.0	42.4	540.0	20.0	1.5	0.0	41.3
500.0	100.0	1.5	0.0	42.8	540.0	40.0	1.5	0.0	41.6
500.0	120.0	1.5	0.0	43.2	540.0	60.0	1.5	0.0	42.1
500.0	140.0	1.5	0.0	43.6	540.0	80.0	1.5	0.0	43.4
500.0	160.0	1.5	0.0	44.1	540.0	100.0	1.5	0.0	43.8
500.0	180.0	1.5	0.0	43.7	540.0	120.0	1.5	0.0	44.3
500.0	200.0	1.5	0.0	44.2	540.0	140.0	1.5	0.0	44.7
500.0	220.0	1.5	0.0	44.5	540.0	160.0	1.5	0.0	44.9
500.0	240.0	1.5	0.0	45.0	540.0	180.0	1.5	0.0	45.7
500.0	260.0	1.5	0.0	46.3	540.0	200.0	1.5	0.0	45.7
500.0	280.0	1.5	0.0	46.8	540.0	220.0	1.5	0.0	45.9
500.0	300.0	1.5	0.0	47.5	540.0	240.0	1.5	0.0	46.3
500.0	320.0	1.5	0.0	48.6	540.0	260.0	1.5	0.0	46.6
500.0	340.0	1.5	0.0	49.3	540.0	280.0	1.5	0.0	47.0
500.0	360.0	1.5	0.0	49.9	540.0	300.0	1.5	0.0	47.6
500.0	380.0	1.5	0.0	50.4	540.0	320.0	1.5	0.0	48.2
500.0	400.0	1.5	0.0	51.2	540.0	340.0	1.5	0.0	48.8
500.0	420.0	1.5	0.0	51.9	540.0	360.0	1.5	0.0	49.5
500.0	440.0	1.5	0.0	53.6	540.0	380.0	1.5	0.0	50.2
500.0	460.0	1.5	0.0	52.9	540.0	400.0	1.5	0.0	51.4
500.0	480.0	1.5	0.0	54.6	540.0	420.0	1.5	0.0	51.1
500.0	498.0	1.5	0.0	54.5	540.0	440.0	1.5	0.0	51.8
500.0	500.0	1.5	0.0	54.7	540.0	460.0	1.5	0.0	51.8
500.0	511.5	1.5	0.0	55.6	540.0	480.0	1.5	0.0	51.5
500.0	516.0	1.5	0.0	55.8	540.0	498.0	1.5	0.0	52.2
500.0	519.5	1.5	0.0	56.0	540.0	500.0	1.5	0.0	52.3
500.0	540.0	1.5	0.0	56.9	540.0	511.5	1.5	0.0	52.6
500.0	542.0	1.5	0.0	56.5	540.0	516.0	1.5	0.0	52.6
500.0	560.0	1.5	0.0	55.0	540.0	519.5	1.5	0.0	52.8
500.0	580.0	1.5	0.0	53.8	540.0	540.0	1.5	0.0	52.5
500.0	600.0	1.5	0.0	53.5	540.0	542.0	1.5	0.0	52.4
500.0	620.0	1.5	0.0	52.7	540.0	560.0	1.5	0.0	51.7
500.0	640.0	1.5	0.0	52.2	540.0	580.0	1.5	0.0	52.0
500.0	660.0	1.5	0.0	51.9	540.0	600.0	1.5	0.0	51.7
500.0	680.0	1.5	0.0	51.3	540.0	620.0	1.5	0.0	51.4
500.0	700.0	1.5	0.0	51.0	540.0	640.0	1.5	0.0	51.1
500.0	720.0	1.5	0.0	50.7	540.0	660.0	1.5	0.0	50.8
500.0	740.0	1.5	0.0	51.2	540.0	680.0	1.5	0.0	50.4
500.0	760.0	1.5	0.0	50.1	540.0	700.0	1.5	0.0	49.9
500.0	780.0	1.5	0.0	49.5	540.0	720.0	1.5	0.0	51.1
500.0	800.0	1.5	0.0	49.0	540.0	740.0	1.5	0.0	50.4
500.0	820.0	1.5	0.0	48.7	540.0	760.0	1.5	0.0	49.8

540.0	780.0	1.5	0.0	49.3	580.0	720.0	1.5	0.0	50.2
540.0	800.0	1.5	0.0	48.9	580.0	740.0	1.5	0.0	49.6
540.0	820.0	1.5	0.0	48.4	580.0	760.0	1.5	0.0	49.2
540.0	840.0	1.5	0.0	48.0	580.0	780.0	1.5	0.0	48.7
540.0	860.0	1.5	0.0	47.6	580.0	800.0	1.5	0.0	48.2
540.0	880.0	1.5	0.0	46.5	580.0	820.0	1.5	0.0	47.8
540.0	900.0	1.5	0.0	46.4	580.0	840.0	1.5	0.0	47.3
540.0	920.0	1.5	0.0	46.0	580.0	860.0	1.5	0.0	46.9
540.0	940.0	1.5	0.0	45.6	580.0	880.0	1.5	0.0	46.6
540.0	960.0	1.5	0.0	45.2	580.0	900.0	1.5	0.0	47.0
540.0	980.0	1.5	0.0	44.7	580.0	920.0	1.5	0.0	46.6
540.0	1000.0	1.5	0.0	44.3	580.0	940.0	1.5	0.0	46.2
560.0	0.0	1.5	0.0	41.8	580.0	960.0	1.5	0.0	45.8
560.0	20.0	1.5	0.0	42.2	580.0	980.0	1.5	0.0	45.4
560.0	40.0	1.5	0.0	42.6	580.0	1000.0	1.5	0.0	45.1
560.0	60.0	1.5	0.0	42.9	600.0	0.0	1.5	0.0	42.4
560.0	80.0	1.5	0.0	43.3	600.0	20.0	1.5	0.0	42.8
560.0	100.0	1.5	0.0	43.8	600.0	40.0	1.5	0.0	43.1
560.0	120.0	1.5	0.0	44.9	600.0	60.0	1.5	0.0	43.5
560.0	140.0	1.5	0.0	45.4	600.0	80.0	1.5	0.0	43.9
560.0	160.0	1.5	0.0	45.8	600.0	100.0	1.5	0.0	44.3
560.0	180.0	1.5	0.0	45.9	600.0	120.0	1.5	0.0	44.7
560.0	200.0	1.5	0.0	46.3	600.0	140.0	1.5	0.0	45.0
560.0	220.0	1.5	0.0	46.3	600.0	160.0	1.5	0.0	45.4
560.0	240.0	1.5	0.0	46.4	600.0	180.0	1.5	0.0	45.9
560.0	260.0	1.5	0.0	46.7	600.0	200.0	1.5	0.0	46.3
560.0	280.0	1.5	0.0	47.0	600.0	220.0	1.5	0.0	46.8
560.0	300.0	1.5	0.0	47.4	600.0	240.0	1.5	0.0	47.3
560.0	320.0	1.5	0.0	48.0	600.0	260.0	1.5	0.0	47.3
560.0	340.0	1.5	0.0	48.5	600.0	280.0	1.5	0.0	47.8
560.0	360.0	1.5	0.0	49.1	600.0	300.0	1.5	0.0	47.6
560.0	380.0	1.5	0.0	50.2	600.0	320.0	1.5	0.0	47.8
560.0	400.0	1.5	0.0	49.8	600.0	340.0	1.5	0.0	48.4
560.0	420.0	1.5	0.0	50.5	600.0	360.0	1.5	0.0	48.3
560.0	440.0	1.5	0.0	51.2	600.0	380.0	1.5	0.0	48.2
560.0	460.0	1.5	0.0	51.4	600.0	400.0	1.5	0.0	48.6
560.0	480.0	1.5	0.0	51.7	600.0	420.0	1.5	0.0	49.1
560.0	498.0	1.5	0.0	51.6	600.0	440.0	1.5	0.0	49.6
560.0	500.0	1.5	0.0	51.6	600.0	460.0	1.5	0.0	49.7
560.0	511.5	1.5	0.0	51.8	600.0	480.0	1.5	0.0	50.0
560.0	516.0	1.5	0.0	51.7	600.0	498.0	1.5	0.0	50.3
560.0	519.5	1.5	0.0	51.7	600.0	500.0	1.5	0.0	50.3
560.0	540.0	1.5	0.0	51.4	600.0	511.5	1.5	0.0	50.4
560.0	542.0	1.5	0.0	51.4	600.0	516.0	1.5	0.0	50.4
560.0	560.0	1.5	0.0	50.9	600.0	519.5	1.5	0.0	50.4
560.0	580.0	1.5	0.0	50.9	600.0	540.0	1.5	0.0	50.3
560.0	600.0	1.5	0.0	51.0	600.0	542.0	1.5	0.0	50.3
560.0	620.0	1.5	0.0	50.8	600.0	560.0	1.5	0.0	50.1
560.0	640.0	1.5	0.0	50.6	600.0	580.0	1.5	0.0	49.7
560.0	660.0	1.5	0.0	50.3	600.0	600.0	1.5	0.0	49.7
560.0	680.0	1.5	0.0	50.0	600.0	620.0	1.5	0.0	49.9
560.0	700.0	1.5	0.0	50.0	600.0	640.0	1.5	0.0	49.6
560.0	720.0	1.5	0.0	50.6	600.0	660.0	1.5	0.0	49.5
560.0	740.0	1.5	0.0	50.1	600.0	680.0	1.5	0.0	49.6
560.0	760.0	1.5	0.0	49.5	600.0	700.0	1.5	0.0	50.3
560.0	780.0	1.5	0.0	49.0	600.0	720.0	1.5	0.0	49.8
560.0	800.0	1.5	0.0	48.5	600.0	740.0	1.5	0.0	49.2
560.0	820.0	1.5	0.0	48.1	600.0	760.0	1.5	0.0	48.8
560.0	840.0	1.5	0.0	47.6	600.0	780.0	1.5	0.0	48.3
560.0	860.0	1.5	0.0	47.3	600.0	800.0	1.5	0.0	47.9
560.0	880.0	1.5	0.0	46.9	600.0	820.0	1.5	0.0	47.4
560.0	900.0	1.5	0.0	47.2	600.0	840.0	1.5	0.0	47.0
560.0	920.0	1.5	0.0	46.7	600.0	860.0	1.5	0.0	46.6
560.0	940.0	1.5	0.0	46.3	600.0	880.0	1.5	0.0	46.8
560.0	960.0	1.5	0.0	45.0	600.0	900.0	1.5	0.0	46.8
560.0	980.0	1.5	0.0	44.6	600.0	920.0	1.5	0.0	46.4
560.0	1000.0	1.5	0.0	44.3	600.0	940.0	1.5	0.0	46.0
580.0	0.0	1.5	0.0	41.8	600.0	960.0	1.5	0.0	45.6
580.0	20.0	1.5	0.0	42.1	600.0	980.0	1.5	0.0	45.3
580.0	40.0	1.5	0.0	42.5	600.0	1000.0	1.5	0.0	44.9
580.0	60.0	1.5	0.0	43.6	620.0	0.0	1.5	0.0	42.3
580.0	80.0	1.5	0.0	44.0	620.0	20.0	1.5	0.0	42.6
580.0	100.0	1.5	0.0	44.4	620.0	40.0	1.5	0.0	43.0
580.0	120.0	1.5	0.0	44.8	620.0	60.0	1.5	0.0	43.4
580.0	140.0	1.5	0.0	45.2	620.0	80.0	1.5	0.0	43.7
580.0	160.0	1.5	0.0	45.7	620.0	100.0	1.5	0.0	44.0
580.0	180.0	1.5	0.0	46.1	620.0	120.0	1.5	0.0	44.4
580.0	200.0	1.5	0.0	46.5	620.0	140.0	1.5	0.0	44.8
580.0	220.0	1.5	0.0	46.6	620.0	160.0	1.5	0.0	45.2
580.0	240.0	1.5	0.0	47.1	620.0	180.0	1.5	0.0	45.6
580.0	260.0	1.5	0.0	46.9	620.0	200.0	1.5	0.0	46.1
580.0	280.0	1.5	0.0	47.2	620.0	220.0	1.5	0.0	46.5
580.0	300.0	1.5	0.0	47.4	620.0	240.0	1.5	0.0	47.0
580.0	320.0	1.5	0.0	47.8	620.0	260.0	1.5	0.0	47.5
580.0	340.0	1.5	0.0	48.2	620.0	280.0	1.5	0.0	47.9
580.0	360.0	1.5	0.0	49.1	620.0	300.0	1.5	0.0	48.4
580.0	380.0	1.5	0.0	48.7	620.0	320.0	1.5	0.0	48.7
580.0	400.0	1.5	0.0	49.3	620.0	340.0	1.5	0.0	48.5
580.0	420.0	1.5	0.0	49.8	620.0	360.0	1.5	0.0	47.9
580.0	440.0	1.5	0.0	50.4	620.0	380.0	1.5	0.0	48.0
580.0	460.0	1.5	0.0	50.6	620.0	400.0	1.5	0.0	48.1
580.0	480.0	1.5	0.0	50.8	620.0	420.0	1.5	0.0	48.4
580.0	498.0	1.5	0.0	51.1	620.0	440.0	1.5	0.0	48.8
580.0	500.0	1.5	0.0	51.1	620.0	460.0	1.5	0.0	48.9
580.0	511.5	1.5	0.0	51.4	620.0	480.0	1.5	0.0	49.1
580.0	516.0	1.5	0.0	51.4	620.0	498.0	1.5	0.0	49.4
580.0	519.5	1.5	0.0	51.4	620.0	500.0	1.5	0.0	49.4
580.0	540.0	1.5	0.0	50.8	620.0	511.5	1.5	0.0	49.5
580.0	542.0	1.5	0.0	50.8	620.0	516.0	1.5	0.0	49.5
580.0	560.0	1.5	0.0	50.5	620.0	519.5	1.5	0.0	49.5
580.0	580.0	1.5	0.0	49.9	620.0	540.0	1.5	0.0	49.4
580.0	600.0	1.5	0.0	50.5	620.0	542.0	1.5	0.0	49.4
580.0	620.0	1.5	0.0	50.2	620.0	560.0	1.5	0.0	49.4
580.0	640.0	1.5	0.0	50.1	620.0	580.0	1.5	0.0	49.0
580.0	660.0	1.5	0.0	49.9	620.0	600.0	1.5	0.0	48.8
580.0	680.0	1.5	0.0	49.7	620.0	620.0	1.5	0.0	49.1
580.0	700.0	1.5	0.0	50.3	620.0	640.0	1.5	0.0	49.2

620.0	660.0	1.5	0.0	49.1	660.0	600.0	1.5	0.0	47.5
620.0	680.0	1.5	0.0	49.8	660.0	620.0	1.5	0.0	47.3
620.0	700.0	1.5	0.0	49.8	660.0	640.0	1.5	0.0	48.0
620.0	720.0	1.5	0.0	49.3	660.0	660.0	1.5	0.0	48.6
620.0	740.0	1.5	0.0	48.9	660.0	680.0	1.5	0.0	49.2
620.0	760.0	1.5	0.0	48.4	660.0	700.0	1.5	0.0	48.8
620.0	780.0	1.5	0.0	47.9	660.0	720.0	1.5	0.0	48.4
620.0	800.0	1.5	0.0	47.5	660.0	740.0	1.5	0.0	48.1
620.0	820.0	1.5	0.0	47.1	660.0	760.0	1.5	0.0	47.7
620.0	840.0	1.5	0.0	46.7	660.0	780.0	1.5	0.0	47.3
620.0	860.0	1.5	0.0	46.3	660.0	800.0	1.5	0.0	46.9
620.0	880.0	1.5	0.0	47.0	660.0	820.0	1.5	0.0	46.4
620.0	900.0	1.5	0.0	46.6	660.0	840.0	1.5	0.0	46.1
620.0	920.0	1.5	0.0	46.2	660.0	860.0	1.5	0.0	46.6
620.0	940.0	1.5	0.0	45.8	660.0	880.0	1.5	0.0	46.6
620.0	960.0	1.5	0.0	45.5	660.0	900.0	1.5	0.0	46.2
620.0	980.0	1.5	0.0	45.1	660.0	920.0	1.5	0.0	45.8
620.0	1000.0	1.5	0.0	44.7	660.0	940.0	1.5	0.0	45.5
640.0	0.0	1.5	0.0	42.2	660.0	960.0	1.5	0.0	45.1
640.0	20.0	1.5	0.0	42.5	660.0	980.0	1.5	0.0	44.8
640.0	40.0	1.5	0.0	42.8	660.0	1000.0	1.5	0.0	44.4
640.0	60.0	1.5	0.0	43.1	680.0	0.0	1.5	0.0	41.9
640.0	80.0	1.5	0.0	43.5	680.0	20.0	1.5	0.0	42.2
640.0	100.0	1.5	0.0	43.9	680.0	40.0	1.5	0.0	42.5
640.0	120.0	1.5	0.0	44.2	680.0	60.0	1.5	0.0	42.8
640.0	140.0	1.5	0.0	44.6	680.0	80.0	1.5	0.0	43.1
640.0	160.0	1.5	0.0	45.0	680.0	100.0	1.5	0.0	43.5
640.0	180.0	1.5	0.0	45.4	680.0	120.0	1.5	0.0	43.8
640.0	200.0	1.5	0.0	45.8	680.0	140.0	1.5	0.0	44.2
640.0	220.0	1.5	0.0	46.2	680.0	160.0	1.5	0.0	44.5
640.0	240.0	1.5	0.0	46.7	680.0	180.0	1.5	0.0	44.9
640.0	260.0	1.5	0.0	47.1	680.0	200.0	1.5	0.0	45.3
640.0	280.0	1.5	0.0	47.8	680.0	220.0	1.5	0.0	45.7
640.0	300.0	1.5	0.0	48.3	680.0	240.0	1.5	0.0	46.3
640.0	320.0	1.5	0.0	48.7	680.0	260.0	1.5	0.0	46.7
640.0	340.0	1.5	0.0	48.6	680.0	280.0	1.5	0.0	47.1
640.0	360.0	1.5	0.0	48.5	680.0	300.0	1.5	0.0	46.9
640.0	380.0	1.5	0.0	48.6	680.0	320.0	1.5	0.0	47.3
640.0	400.0	1.5	0.0	47.9	680.0	340.0	1.5	0.0	47.7
640.0	420.0	1.5	0.0	48.0	680.0	360.0	1.5	0.0	48.0
640.0	440.0	1.5	0.0	47.8	680.0	380.0	1.5	0.0	48.4
640.0	460.0	1.5	0.0	48.0	680.0	400.0	1.5	0.0	48.7
640.0	480.0	1.5	0.0	48.3	680.0	420.0	1.5	0.0	49.0
640.0	498.0	1.5	0.0	48.6	680.0	440.0	1.5	0.0	48.5
640.0	500.0	1.5	0.0	48.6	680.0	460.0	1.5	0.0	48.3
640.0	511.5	1.5	0.0	48.6	680.0	480.0	1.5	0.0	47.7
640.0	516.0	1.5	0.0	48.6	680.0	498.0	1.5	0.0	47.5
640.0	519.5	1.5	0.0	48.6	680.0	500.0	1.5	0.0	47.5
640.0	540.0	1.5	0.0	48.6	680.0	511.5	1.5	0.0	47.4
640.0	542.0	1.5	0.0	48.6	680.0	516.0	1.5	0.0	47.4
640.0	560.0	1.5	0.0	48.6	680.0	519.5	1.5	0.0	47.4
640.0	580.0	1.5	0.0	48.3	680.0	540.0	1.5	0.0	47.3
640.0	600.0	1.5	0.0	48.1	680.0	542.0	1.5	0.0	47.3
640.0	620.0	1.5	0.0	48.5	680.0	560.0	1.5	0.0	47.3
640.0	640.0	1.5	0.0	48.8	680.0	580.0	1.5	0.0	47.2
640.0	660.0	1.5	0.0	48.9	680.0	600.0	1.5	0.0	46.9
640.0	680.0	1.5	0.0	49.7	680.0	620.0	1.5	0.0	46.9
640.0	700.0	1.5	0.0	49.3	680.0	640.0	1.5	0.0	47.7
640.0	720.0	1.5	0.0	48.9	680.0	660.0	1.5	0.0	48.2
640.0	740.0	1.5	0.0	48.5	680.0	680.0	1.5	0.0	48.7
640.0	760.0	1.5	0.0	48.0	680.0	700.0	1.5	0.0	48.4
640.0	780.0	1.5	0.0	47.6	680.0	720.0	1.5	0.0	48.0
640.0	800.0	1.5	0.0	47.2	680.0	740.0	1.5	0.0	47.6
640.0	820.0	1.5	0.0	46.8	680.0	760.0	1.5	0.0	47.3
640.0	840.0	1.5	0.0	46.4	680.0	780.0	1.5	0.0	46.9
640.0	860.0	1.5	0.0	46.3	680.0	800.0	1.5	0.0	46.5
640.0	880.0	1.5	0.0	46.8	680.0	820.0	1.5	0.0	46.2
640.0	900.0	1.5	0.0	46.4	680.0	840.0	1.5	0.0	46.0
640.0	920.0	1.5	0.0	46.0	680.0	860.0	1.5	0.0	46.6
640.0	940.0	1.5	0.0	45.7	680.0	880.0	1.5	0.0	46.2
640.0	960.0	1.5	0.0	45.3	680.0	900.0	1.5	0.0	45.9
640.0	980.0	1.5	0.0	44.9	680.0	920.0	1.5	0.0	45.6
640.0	1000.0	1.5	0.0	44.6	680.0	940.0	1.5	0.0	45.3
660.0	0.0	1.5	0.0	42.0	680.0	960.0	1.5	0.0	44.9
660.0	20.0	1.5	0.0	42.3	680.0	980.0	1.5	0.0	44.6
660.0	40.0	1.5	0.0	42.6	680.0	1000.0	1.5	0.0	44.3
660.0	60.0	1.5	0.0	43.0	700.0	0.0	1.5	0.0	41.7
660.0	80.0	1.5	0.0	43.3	700.0	20.0	1.5	0.0	42.0
660.0	100.0	1.5	0.0	43.7	700.0	40.0	1.5	0.0	42.3
660.0	120.0	1.5	0.0	44.0	700.0	60.0	1.5	0.0	42.6
660.0	140.0	1.5	0.0	44.4	700.0	80.0	1.5	0.0	42.9
660.0	160.0	1.5	0.0	44.8	700.0	100.0	1.5	0.0	43.3
660.0	180.0	1.5	0.0	45.2	700.0	120.0	1.5	0.0	43.6
660.0	200.0	1.5	0.0	45.6	700.0	140.0	1.5	0.0	44.0
660.0	220.0	1.5	0.0	46.0	700.0	160.0	1.5	0.0	44.3
660.0	240.0	1.5	0.0	46.4	700.0	180.0	1.5	0.0	44.6
660.0	260.0	1.5	0.0	47.0	700.0	200.0	1.5	0.0	45.0
660.0	280.0	1.5	0.0	47.4	700.0	220.0	1.5	0.0	45.6
660.0	300.0	1.5	0.0	47.9	700.0	240.0	1.5	0.0	46.0
660.0	320.0	1.5	0.0	47.7	700.0	260.0	1.5	0.0	46.3
660.0	340.0	1.5	0.0	48.1	700.0	280.0	1.5	0.0	46.1
660.0	360.0	1.5	0.0	48.6	700.0	300.0	1.5	0.0	46.5
660.0	380.0	1.5	0.0	48.9	700.0	320.0	1.5	0.0	46.8
660.0	400.0	1.5	0.0	48.5	700.0	340.0	1.5	0.0	47.2
660.0	420.0	1.5	0.0	48.6	700.0	360.0	1.5	0.0	47.5
660.0	440.0	1.5	0.0	47.5	700.0	380.0	1.5	0.0	47.8
660.0	460.0	1.5	0.0	47.6	700.0	400.0	1.5	0.0	48.1
660.0	480.0	1.5	0.0	47.7	700.0	420.0	1.5	0.0	48.2
660.0	498.0	1.5	0.0	47.8	700.0	440.0	1.5	0.0	48.4
660.0	500.0	1.5	0.0	47.8	700.0	460.0	1.5	0.0	48.5
660.0	511.5	1.5	0.0	47.9	700.0	480.0	1.5	0.0	48.6
660.0	516.0	1.5	0.0	47.9	700.0	498.0	1.5	0.0	48.1
660.0	519.5	1.5	0.0	47.9	700.0	500.0	1.5	0.0	48.1
660.0	540.0	1.5	0.0	47.9	700.0	511.5	1.5	0.0	48.0
660.0	542.0	1.5	0.0	47.9	700.0	516.0	1.5	0.0	48.0
660.0	560.0	1.5	0.0	47.8	700.0	519.5	1.5	0.0	47.4
660.0	580.0	1.5	0.0	47.8	700.0	540.0	1.5	0.0	47.1

700.0	542.0	1.5	0.0	47.1	740.0	516.0	1.5	0.0	47.5
700.0	560.0	1.5	0.0	46.9	740.0	519.5	1.5	0.0	47.4
700.0	580.0	1.5	0.0	46.8	740.0	540.0	1.5	0.0	47.4
700.0	600.0	1.5	0.0	46.5	740.0	542.0	1.5	0.0	47.4
700.0	620.0	1.5	0.0	46.5	740.0	560.0	1.5	0.0	47.4
700.0	640.0	1.5	0.0	46.7	740.0	580.0	1.5	0.0	46.9
700.0	660.0	1.5	0.0	48.1	740.0	600.0	1.5	0.0	46.8
700.0	680.0	1.5	0.0	48.2	740.0	620.0	1.5	0.0	46.5
700.0	700.0	1.5	0.0	47.9	740.0	640.0	1.5	0.0	46.7
700.0	720.0	1.5	0.0	47.5	740.0	660.0	1.5	0.0	46.6
700.0	740.0	1.5	0.0	47.2	740.0	680.0	1.5	0.0	46.9
700.0	760.0	1.5	0.0	46.9	740.0	700.0	1.5	0.0	47.2
700.0	780.0	1.5	0.0	46.6	740.0	720.0	1.5	0.0	46.8
700.0	800.0	1.5	0.0	46.2	740.0	740.0	1.5	0.0	46.4
700.0	820.0	1.5	0.0	46.0	740.0	760.0	1.5	0.0	46.2
700.0	840.0	1.5	0.0	46.0	740.0	780.0	1.5	0.0	45.9
700.0	860.0	1.5	0.0	46.3	740.0	800.0	1.5	0.0	45.7
700.0	880.0	1.5	0.0	46.0	740.0	820.0	1.5	0.0	45.7
700.0	900.0	1.5	0.0	45.6	740.0	840.0	1.5	0.0	46.1
700.0	920.0	1.5	0.0	45.3	740.0	860.0	1.5	0.0	45.8
700.0	940.0	1.5	0.0	45.1	740.0	880.0	1.5	0.0	45.5
700.0	960.0	1.5	0.0	44.7	740.0	900.0	1.5	0.0	45.2
700.0	980.0	1.5	0.0	44.4	740.0	920.0	1.5	0.0	44.8
700.0	1000.0	1.5	0.0	44.1	740.0	940.0	1.5	0.0	44.5
720.0	0.0	1.5	0.0	41.5	740.0	960.0	1.5	0.0	44.2
720.0	20.0	1.5	0.0	41.8	740.0	980.0	1.5	0.0	44.0
720.0	40.0	1.5	0.0	42.1	740.0	1000.0	1.5	0.0	43.7
720.0	60.0	1.5	0.0	42.4	760.0	0.0	1.5	0.0	41.2
720.0	80.0	1.5	0.0	42.8	760.0	20.0	1.5	0.0	41.5
720.0	100.0	1.5	0.0	43.1	760.0	40.0	1.5	0.0	41.8
720.0	120.0	1.5	0.0	43.4	760.0	60.0	1.5	0.0	42.1
720.0	140.0	1.5	0.0	43.7	760.0	80.0	1.5	0.0	42.3
720.0	160.0	1.5	0.0	44.0	760.0	100.0	1.5	0.0	42.6
720.0	180.0	1.5	0.0	44.4	760.0	120.0	1.5	0.0	42.9
720.0	200.0	1.5	0.0	44.9	760.0	140.0	1.5	0.0	43.2
720.0	220.0	1.5	0.0	45.3	760.0	160.0	1.5	0.0	43.8
720.0	240.0	1.5	0.0	45.6	760.0	180.0	1.5	0.0	44.1
720.0	260.0	1.5	0.0	45.4	760.0	200.0	1.5	0.0	44.4
720.0	280.0	1.5	0.0	45.8	760.0	220.0	1.5	0.0	44.4
720.0	300.0	1.5	0.0	46.1	760.0	240.0	1.5	0.0	44.4
720.0	320.0	1.5	0.0	46.4	760.0	260.0	1.5	0.0	44.7
720.0	340.0	1.5	0.0	46.7	760.0	280.0	1.5	0.0	45.0
720.0	360.0	1.5	0.0	47.0	760.0	300.0	1.5	0.0	45.3
720.0	380.0	1.5	0.0	47.3	760.0	320.0	1.5	0.0	45.6
720.0	400.0	1.5	0.0	47.5	760.0	340.0	1.5	0.0	45.8
720.0	420.0	1.5	0.0	47.6	760.0	360.0	1.5	0.0	46.1
720.0	440.0	1.5	0.0	47.8	760.0	380.0	1.5	0.0	46.3
720.0	460.0	1.5	0.0	47.9	760.0	400.0	1.5	0.0	46.5
720.0	480.0	1.5	0.0	48.0	760.0	420.0	1.5	0.0	46.5
720.0	498.0	1.5	0.0	48.0	760.0	440.0	1.5	0.0	46.6
720.0	500.0	1.5	0.0	48.1	760.0	460.0	1.5	0.0	46.7
720.0	511.5	1.5	0.0	48.1	760.0	480.0	1.5	0.0	46.8
720.0	516.0	1.5	0.0	48.1	760.0	498.0	1.5	0.0	46.8
720.0	519.5	1.5	0.0	48.1	760.0	500.0	1.5	0.0	46.8
720.0	540.0	1.5	0.0	47.5	760.0	511.5	1.5	0.0	46.8
720.0	542.0	1.5	0.0	47.5	760.0	516.0	1.5	0.0	46.9
720.0	560.0	1.5	0.0	47.4	760.0	519.5	1.5	0.0	46.8
720.0	580.0	1.5	0.0	46.7	760.0	540.0	1.5	0.0	46.8
720.0	600.0	1.5	0.0	46.2	760.0	542.0	1.5	0.0	46.8
720.0	620.0	1.5	0.0	46.5	760.0	560.0	1.5	0.0	46.8
720.0	640.0	1.5	0.0	46.6	760.0	580.0	1.5	0.0	46.8
720.0	660.0	1.5	0.0	47.6	760.0	600.0	1.5	0.0	46.7
720.0	680.0	1.5	0.0	47.3	760.0	620.0	1.5	0.0	46.4
720.0	700.0	1.5	0.0	47.5	760.0	640.0	1.5	0.0	46.3
720.0	720.0	1.5	0.0	47.2	760.0	660.0	1.5	0.0	46.1
720.0	740.0	1.5	0.0	46.9	760.0	680.0	1.5	0.0	46.5
720.0	760.0	1.5	0.0	46.6	760.0	700.0	1.5	0.0	46.3
720.0	780.0	1.5	0.0	46.3	760.0	720.0	1.5	0.0	46.6
720.0	800.0	1.5	0.0	46.0	760.0	740.0	1.5	0.0	46.3
720.0	820.0	1.5	0.0	45.8	760.0	760.0	1.5	0.0	45.9
720.0	840.0	1.5	0.0	46.1	760.0	780.0	1.5	0.0	45.7
720.0	860.0	1.5	0.0	46.1	760.0	800.0	1.5	0.0	45.6
720.0	880.0	1.5	0.0	45.7	760.0	820.0	1.5	0.0	45.6
720.0	900.0	1.5	0.0	45.4	760.0	840.0	1.5	0.0	45.8
720.0	920.0	1.5	0.0	45.1	760.0	860.0	1.5	0.0	45.5
720.0	940.0	1.5	0.0	44.8	760.0	880.0	1.5	0.0	45.2
720.0	960.0	1.5	0.0	44.5	760.0	900.0	1.5	0.0	44.9
720.0	980.0	1.5	0.0	44.2	760.0	920.0	1.5	0.0	44.6
720.0	1000.0	1.5	0.0	43.9	760.0	940.0	1.5	0.0	44.3
740.0	0.0	1.5	0.0	41.4	760.0	960.0	1.5	0.0	44.0
740.0	20.0	1.5	0.0	41.7	760.0	980.0	1.5	0.0	43.8
740.0	40.0	1.5	0.0	42.0	760.0	1000.0	1.5	0.0	43.5
740.0	60.0	1.5	0.0	42.3	780.0	0.0	1.5	0.0	41.1
740.0	80.0	1.5	0.0	42.6	780.0	20.0	1.5	0.0	41.3
740.0	100.0	1.5	0.0	42.9	780.0	40.0	1.5	0.0	41.6
740.0	120.0	1.5	0.0	43.2	780.0	60.0	1.5	0.0	41.9
740.0	140.0	1.5	0.0	43.5	780.0	80.0	1.5	0.0	42.1
740.0	160.0	1.5	0.0	43.8	780.0	100.0	1.5	0.0	42.4
740.0	180.0	1.5	0.0	44.4	780.0	120.0	1.5	0.0	42.7
740.0	200.0	1.5	0.0	44.7	780.0	140.0	1.5	0.0	43.2
740.0	220.0	1.5	0.0	45.0	780.0	160.0	1.5	0.0	43.5
740.0	240.0	1.5	0.0	45.0	780.0	180.0	1.5	0.0	43.8
740.0	260.0	1.5	0.0	45.1	780.0	200.0	1.5	0.0	43.8
740.0	280.0	1.5	0.0	45.4	780.0	220.0	1.5	0.0	43.8
740.0	300.0	1.5	0.0	45.7	780.0	240.0	1.5	0.0	44.1
740.0	320.0	1.5	0.0	46.0	780.0	260.0	1.5	0.0	44.4
740.0	340.0	1.5	0.0	46.3	780.0	280.0	1.5	0.0	44.6
740.0	360.0	1.5	0.0	46.5	780.0	300.0	1.5	0.0	44.9
740.0	380.0	1.5	0.0	46.8	780.0	320.0	1.5	0.0	45.1
740.0	400.0	1.5	0.0	47.0	780.0	340.0	1.5	0.0	45.4
740.0	420.0	1.5	0.0	47.1	780.0	360.0	1.5	0.0	45.6
740.0	440.0	1.5	0.0	47.2	780.0	380.0	1.5	0.0	45.8
740.0	460.0	1.5	0.0	47.3	780.0	400.0	1.5	0.0	45.9
740.0	480.0	1.5	0.0	47.4	780.0	420.0	1.5	0.0	46.0
740.0	498.0	1.5	0.0	47.4	780.0	440.0	1.5	0.0	46.0
740.0	500.0	1.5	0.0	47.4	780.0	460.0	1.5	0.0	46.1
740.0	511.5	1.5	0.0	47.4	780.0	480.0	1.5	0.0	46.2

780.0	498.0	1.5	0.0	46.3	820.0	440.0	1.5	0.0	45.0
780.0	500.0	1.5	0.0	46.3	820.0	460.0	1.5	0.0	45.1
780.0	511.5	1.5	0.0	46.3	820.0	480.0	1.5	0.0	45.2
780.0	516.0	1.5	0.0	46.3	820.0	498.0	1.5	0.0	45.2
780.0	519.5	1.5	0.0	46.3	820.0	500.0	1.5	0.0	45.2
780.0	540.0	1.5	0.0	46.3	820.0	511.5	1.5	0.0	45.2
780.0	542.0	1.5	0.0	46.3	820.0	516.0	1.5	0.0	45.2
780.0	560.0	1.5	0.0	46.2	820.0	519.5	1.5	0.0	45.2
780.0	580.0	1.5	0.0	46.2	820.0	540.0	1.5	0.0	45.2
780.0	600.0	1.5	0.0	46.1	820.0	542.0	1.5	0.0	45.2
780.0	620.0	1.5	0.0	45.9	820.0	560.0	1.5	0.0	45.2
780.0	640.0	1.5	0.0	45.8	820.0	580.0	1.5	0.0	45.2
780.0	660.0	1.5	0.0	45.6	820.0	600.0	1.5	0.0	45.1
780.0	680.0	1.5	0.0	45.4	820.0	620.0	1.5	0.0	45.0
780.0	700.0	1.5	0.0	46.0	820.0	640.0	1.5	0.0	44.8
780.0	720.0	1.5	0.0	45.7	820.0	660.0	1.5	0.0	44.7
780.0	740.0	1.5	0.0	46.1	820.0	680.0	1.5	0.0	44.5
780.0	760.0	1.5	0.0	45.8	820.0	700.0	1.5	0.0	44.3
780.0	780.0	1.5	0.0	45.6	820.0	720.0	1.5	0.0	45.4
780.0	800.0	1.5	0.0	45.5	820.0	740.0	1.5	0.0	45.1
780.0	820.0	1.5	0.0	45.8	820.0	760.0	1.5	0.0	45.7
780.0	840.0	1.5	0.0	45.5	820.0	780.0	1.5	0.0	45.5
780.0	860.0	1.5	0.0	45.2	820.0	800.0	1.5	0.0	45.3
780.0	880.0	1.5	0.0	45.0	820.0	820.0	1.5	0.0	45.2
780.0	900.0	1.5	0.0	44.7	820.0	840.0	1.5	0.0	44.9
780.0	920.0	1.5	0.0	44.4	820.0	860.0	1.5	0.0	44.7
780.0	940.0	1.5	0.0	44.1	820.0	880.0	1.5	0.0	44.4
780.0	960.0	1.5	0.0	43.8	820.0	900.0	1.5	0.0	44.2
780.0	980.0	1.5	0.0	43.5	820.0	920.0	1.5	0.0	43.9
780.0	1000.0	1.5	0.0	43.3	820.0	940.0	1.5	0.0	43.7
800.0	0.0	1.5	0.0	40.9	820.0	960.0	1.5	0.0	43.4
800.0	20.0	1.5	0.0	41.1	820.0	980.0	1.5	0.0	43.2
800.0	40.0	1.5	0.0	41.4	820.0	1000.0	1.5	0.0	42.9
800.0	60.0	1.5	0.0	41.7	840.0	0.0	1.5	0.0	40.5
800.0	80.0	1.5	0.0	41.9	840.0	20.0	1.5	0.0	40.8
800.0	100.0	1.5	0.0	42.2	840.0	40.0	1.5	0.0	41.0
800.0	120.0	1.5	0.0	42.7	840.0	60.0	1.5	0.0	41.5
800.0	140.0	1.5	0.0	43.0	840.0	80.0	1.5	0.0	41.7
800.0	160.0	1.5	0.0	43.2	840.0	100.0	1.5	0.0	42.0
800.0	180.0	1.5	0.0	43.2	840.0	120.0	1.5	0.0	42.2
800.0	200.0	1.5	0.0	43.2	840.0	140.0	1.5	0.0	42.5
800.0	220.0	1.5	0.0	43.5	840.0	160.0	1.5	0.0	42.2
800.0	240.0	1.5	0.0	43.8	840.0	180.0	1.5	0.0	42.4
800.0	260.0	1.5	0.0	44.0	840.0	200.0	1.5	0.0	42.7
800.0	280.0	1.5	0.0	44.3	840.0	220.0	1.5	0.0	42.9
800.0	300.0	1.5	0.0	44.5	840.0	240.0	1.5	0.0	43.1
800.0	320.0	1.5	0.0	44.7	840.0	260.0	1.5	0.0	43.3
800.0	340.0	1.5	0.0	45.0	840.0	280.0	1.5	0.0	43.6
800.0	360.0	1.5	0.0	45.2	840.0	300.0	1.5	0.0	43.8
800.0	380.0	1.5	0.0	45.4	840.0	320.0	1.5	0.0	44.0
800.0	400.0	1.5	0.0	45.4	840.0	340.0	1.5	0.0	44.1
800.0	420.0	1.5	0.0	45.5	840.0	360.0	1.5	0.0	44.3
800.0	440.0	1.5	0.0	45.5	840.0	380.0	1.5	0.0	44.4
800.0	460.0	1.5	0.0	45.6	840.0	400.0	1.5	0.0	44.4
800.0	480.0	1.5	0.0	45.7	840.0	420.0	1.5	0.0	44.5
800.0	498.0	1.5	0.0	45.7	840.0	440.0	1.5	0.0	44.6
800.0	500.0	1.5	0.0	45.7	840.0	460.0	1.5	0.0	44.7
800.0	511.5	1.5	0.0	45.8	840.0	480.0	1.5	0.0	44.7
800.0	516.0	1.5	0.0	45.7	840.0	498.0	1.5	0.0	44.7
800.0	519.5	1.5	0.0	45.7	840.0	500.0	1.5	0.0	44.7
800.0	540.0	1.5	0.0	45.7	840.0	511.5	1.5	0.0	44.8
800.0	542.0	1.5	0.0	45.7	840.0	516.0	1.5	0.0	44.8
800.0	560.0	1.5	0.0	45.7	840.0	519.5	1.5	0.0	44.8
800.0	580.0	1.5	0.0	45.7	840.0	540.0	1.5	0.0	44.7
800.0	600.0	1.5	0.0	45.6	840.0	542.0	1.5	0.0	44.7
800.0	620.0	1.5	0.0	45.4	840.0	560.0	1.5	0.0	44.7
800.0	640.0	1.5	0.0	45.3	840.0	580.0	1.5	0.0	44.7
800.0	660.0	1.5	0.0	45.1	840.0	600.0	1.5	0.0	44.7
800.0	680.0	1.5	0.0	45.0	840.0	620.0	1.5	0.0	44.6
800.0	700.0	1.5	0.0	46.0	840.0	640.0	1.5	0.0	44.4
800.0	720.0	1.5	0.0	45.4	840.0	660.0	1.5	0.0	44.3
800.0	740.0	1.5	0.0	46.2	840.0	680.0	1.5	0.0	44.1
800.0	760.0	1.5	0.0	45.6	840.0	700.0	1.5	0.0	43.9
800.0	780.0	1.5	0.0	45.5	840.0	720.0	1.5	0.0	45.0
800.0	800.0	1.5	0.0	45.4	840.0	740.0	1.5	0.0	44.8
800.0	820.0	1.5	0.0	45.5	840.0	760.0	1.5	0.0	45.5
800.0	840.0	1.5	0.0	45.2	840.0	780.0	1.5	0.0	45.3
800.0	860.0	1.5	0.0	45.0	840.0	800.0	1.5	0.0	45.1
800.0	880.0	1.5	0.0	44.7	840.0	820.0	1.5	0.0	44.9
800.0	900.0	1.5	0.0	44.4	840.0	840.0	1.5	0.0	44.6
800.0	920.0	1.5	0.0	44.2	840.0	860.0	1.5	0.0	44.4
800.0	940.0	1.5	0.0	43.9	840.0	880.0	1.5	0.0	44.2
800.0	960.0	1.5	0.0	43.6	840.0	900.0	1.5	0.0	43.9
800.0	980.0	1.5	0.0	43.3	840.0	920.0	1.5	0.0	43.7
800.0	1000.0	1.5	0.0	43.1	840.0	940.0	1.5	0.0	43.4
820.0	0.0	1.5	0.0	40.7	840.0	960.0	1.5	0.0	43.2
820.0	20.0	1.5	0.0	40.9	840.0	980.0	1.5	0.0	42.9
820.0	40.0	1.5	0.0	41.2	840.0	1000.0	1.5	0.0	42.7
820.0	60.0	1.5	0.0	41.5	860.0	0.0	1.5	0.0	40.3
820.0	80.0	1.5	0.0	41.7	860.0	20.0	1.5	0.0	40.6
820.0	100.0	1.5	0.0	42.2	860.0	40.0	1.5	0.0	41.1
820.0	120.0	1.5	0.0	42.5	860.0	60.0	1.5	0.0	41.3
820.0	140.0	1.5	0.0	42.7	860.0	80.0	1.5	0.0	41.5
820.0	160.0	1.5	0.0	43.0	860.0	100.0	1.5	0.0	41.7
820.0	180.0	1.5	0.0	42.7	860.0	120.0	1.5	0.0	42.0
820.0	200.0	1.5	0.0	42.9	860.0	140.0	1.5	0.0	41.7
820.0	220.0	1.5	0.0	43.2	860.0	160.0	1.5	0.0	41.9
820.0	240.0	1.5	0.0	43.4	860.0	180.0	1.5	0.0	42.1
820.0	260.0	1.5	0.0	43.7	860.0	200.0	1.5	0.0	42.4
820.0	280.0	1.5	0.0	43.9	860.0	220.0	1.5	0.0	42.6
820.0	300.0	1.5	0.0	44.1	860.0	240.0	1.5	0.0	42.8
820.0	320.0	1.5	0.0	44.3	860.0	260.0	1.5	0.0	43.0
820.0	340.0	1.5	0.0	44.5	860.0	280.0	1.5	0.0	43.2
820.0	360.0	1.5	0.0	44.7	860.0	300.0	1.5	0.0	43.4
820.0	380.0	1.5	0.0	44.9	860.0	320.0	1.5	0.0	43.6
820.0	400.0	1.5	0.0	44.9	860.0	340.0	1.5	0.0	43.8
820.0	420.0	1.5	0.0	45.0	860.0	360.0	1.5	0.0	43.9

860.0	380.0	1.5	0.0	43.9	900.0	320.0	1.5	0.0	42.9
860.0	400.0	1.5	0.0	44.0	900.0	340.0	1.5	0.0	43.0
860.0	420.0	1.5	0.0	44.1	900.0	360.0	1.5	0.0	43.2
860.0	440.0	1.5	0.0	44.1	900.0	380.0	1.5	0.0	43.1
860.0	460.0	1.5	0.0	44.2	900.0	400.0	1.5	0.0	43.2
860.0	480.0	1.5	0.0	44.3	900.0	420.0	1.5	0.0	43.2
860.0	498.0	1.5	0.0	44.3	900.0	440.0	1.5	0.0	43.3
860.0	500.0	1.5	0.0	44.3	900.0	460.0	1.5	0.0	43.3
860.0	511.5	1.5	0.0	44.3	900.0	480.0	1.5	0.0	43.4
860.0	516.0	1.5	0.0	44.3	900.0	498.0	1.5	0.0	43.4
860.0	519.5	1.5	0.0	44.3	900.0	500.0	1.5	0.0	43.4
860.0	540.0	1.5	0.0	44.3	900.0	511.5	1.5	0.0	43.4
860.0	542.0	1.5	0.0	44.3	900.0	516.0	1.5	0.0	43.4
860.0	560.0	1.5	0.0	44.3	900.0	519.5	1.5	0.0	43.4
860.0	580.0	1.5	0.0	44.3	900.0	540.0	1.5	0.0	43.4
860.0	600.0	1.5	0.0	44.2	900.0	542.0	1.5	0.0	43.4
860.0	620.0	1.5	0.0	44.1	900.0	560.0	1.5	0.0	43.4
860.0	640.0	1.5	0.0	44.0	900.0	580.0	1.5	0.0	43.4
860.0	660.0	1.5	0.0	43.8	900.0	600.0	1.5	0.0	43.3
860.0	680.0	1.5	0.0	43.7	900.0	620.0	1.5	0.0	43.3
860.0	700.0	1.5	0.0	43.5	900.0	640.0	1.5	0.0	43.2
860.0	720.0	1.5	0.0	43.4	900.0	660.0	1.5	0.0	43.0
860.0	740.0	1.5	0.0	44.4	900.0	680.0	1.5	0.0	42.9
860.0	760.0	1.5	0.0	44.2	900.0	700.0	1.5	0.0	42.8
860.0	780.0	1.5	0.0	45.0	900.0	720.0	1.5	0.0	42.6
860.0	800.0	1.5	0.0	44.8	900.0	740.0	1.5	0.0	42.5
860.0	820.0	1.5	0.0	44.6	900.0	760.0	1.5	0.0	43.5
860.0	840.0	1.5	0.0	44.3	900.0	780.0	1.5	0.0	43.4
860.0	860.0	1.5	0.0	44.1	900.0	800.0	1.5	0.0	44.1
860.0	880.0	1.5	0.0	43.9	900.0	820.0	1.5	0.0	44.0
860.0	900.0	1.5	0.0	43.7	900.0	840.0	1.5	0.0	43.8
860.0	920.0	1.5	0.0	43.4	900.0	860.0	1.5	0.0	43.6
860.0	940.0	1.5	0.0	43.2	900.0	880.0	1.5	0.0	43.4
860.0	960.0	1.5	0.0	43.0	900.0	900.0	1.5	0.0	43.1
860.0	980.0	1.5	0.0	42.7	900.0	920.0	1.5	0.0	42.9
860.0	1000.0	1.5	0.0	42.5	900.0	940.0	1.5	0.0	42.7
880.0	0.0	1.5	0.0	40.2	900.0	960.0	1.5	0.0	42.5
880.0	20.0	1.5	0.0	40.6	900.0	980.0	1.5	0.0	42.3
880.0	40.0	1.5	0.0	40.8	900.0	1000.0	1.5	0.0	42.1
880.0	60.0	1.5	0.0	41.1	920.0	0.0	1.5	0.0	40.0
880.0	80.0	1.5	0.0	41.3	920.0	20.0	1.5	0.0	40.2
880.0	100.0	1.5	0.0	41.5	920.0	40.0	1.5	0.0	40.4
880.0	120.0	1.5	0.0	41.2	920.0	60.0	1.5	0.0	40.6
880.0	140.0	1.5	0.0	41.4	920.0	80.0	1.5	0.0	40.6
880.0	160.0	1.5	0.0	41.6	920.0	100.0	1.5	0.0	40.5
880.0	180.0	1.5	0.0	41.9	920.0	120.0	1.5	0.0	40.7
880.0	200.0	1.5	0.0	42.1	920.0	140.0	1.5	0.0	40.9
880.0	220.0	1.5	0.0	42.3	920.0	160.0	1.5	0.0	41.1
880.0	240.0	1.5	0.0	42.5	920.0	180.0	1.5	0.0	41.3
880.0	260.0	1.5	0.0	42.7	920.0	200.0	1.5	0.0	41.5
880.0	280.0	1.5	0.0	42.9	920.0	220.0	1.5	0.0	41.7
880.0	300.0	1.5	0.0	43.1	920.0	240.0	1.5	0.0	41.9
880.0	320.0	1.5	0.0	43.2	920.0	260.0	1.5	0.0	42.1
880.0	340.0	1.5	0.0	43.4	920.0	280.0	1.5	0.0	42.2
880.0	360.0	1.5	0.0	43.5	920.0	300.0	1.5	0.0	42.4
880.0	380.0	1.5	0.0	43.5	920.0	320.0	1.5	0.0	42.5
880.0	400.0	1.5	0.0	43.6	920.0	340.0	1.5	0.0	42.7
880.0	420.0	1.5	0.0	43.6	920.0	360.0	1.5	0.0	42.7
880.0	440.0	1.5	0.0	43.7	920.0	380.0	1.5	0.0	42.7
880.0	460.0	1.5	0.0	43.8	920.0	400.0	1.5	0.0	42.8
880.0	480.0	1.5	0.0	43.8	920.0	420.0	1.5	0.0	42.8
880.0	498.0	1.5	0.0	43.8	920.0	440.0	1.5	0.0	42.9
880.0	500.0	1.5	0.0	43.8	920.0	460.0	1.5	0.0	42.9
880.0	511.5	1.5	0.0	43.8	920.0	480.0	1.5	0.0	43.0
880.0	516.0	1.5	0.0	43.8	920.0	498.0	1.5	0.0	43.0
880.0	519.5	1.5	0.0	43.8	920.0	500.0	1.5	0.0	43.0
880.0	540.0	1.5	0.0	43.8	920.0	511.5	1.5	0.0	43.0
880.0	542.0	1.5	0.0	43.8	920.0	516.0	1.5	0.0	43.0
880.0	560.0	1.5	0.0	43.8	920.0	519.5	1.5	0.0	43.0
880.0	580.0	1.5	0.0	43.8	920.0	540.0	1.5	0.0	43.0
880.0	600.0	1.5	0.0	43.8	920.0	542.0	1.5	0.0	43.0
880.0	620.0	1.5	0.0	43.7	920.0	560.0	1.5	0.0	43.0
880.0	640.0	1.5	0.0	43.5	920.0	580.0	1.5	0.0	43.0
880.0	660.0	1.5	0.0	43.4	920.0	600.0	1.5	0.0	42.9
880.0	680.0	1.5	0.0	43.3	920.0	620.0	1.5	0.0	42.9
880.0	700.0	1.5	0.0	43.2	920.0	640.0	1.5	0.0	42.8
880.0	720.0	1.5	0.0	43.0	920.0	660.0	1.5	0.0	42.7
880.0	740.0	1.5	0.0	44.1	920.0	680.0	1.5	0.0	42.5
880.0	760.0	1.5	0.0	43.9	920.0	700.0	1.5	0.0	42.4
880.0	780.0	1.5	0.0	43.7	920.0	720.0	1.5	0.0	42.3
880.0	800.0	1.5	0.0	44.5	920.0	740.0	1.5	0.0	42.1
880.0	820.0	1.5	0.0	44.3	920.0	760.0	1.5	0.0	43.2
880.0	840.0	1.5	0.0	44.0	920.0	780.0	1.5	0.0	43.1
880.0	860.0	1.5	0.0	43.8	920.0	800.0	1.5	0.0	42.9
880.0	880.0	1.5	0.0	43.6	920.0	820.0	1.5	0.0	43.7
880.0	900.0	1.5	0.0	43.4	920.0	840.0	1.5	0.0	43.5
880.0	920.0	1.5	0.0	43.2	920.0	860.0	1.5	0.0	43.3
880.0	940.0	1.5	0.0	43.0	920.0	880.0	1.5	0.0	43.1
880.0	960.0	1.5	0.0	42.7	920.0	900.0	1.5	0.0	42.9
880.0	980.0	1.5	0.0	42.5	920.0	920.0	1.5	0.0	42.7
880.0	1000.0	1.5	0.0	42.3	920.0	940.0	1.5	0.0	42.5
900.0	0.0	1.5	0.0	40.2	920.0	960.0	1.5	0.0	42.3
900.0	20.0	1.5	0.0	40.4	920.0	980.0	1.5	0.0	42.1
900.0	40.0	1.5	0.0	40.6	920.0	1000.0	1.5	0.0	41.9
900.0	60.0	1.5	0.0	40.8	940.0	0.0	1.5	0.0	39.8
900.0	80.0	1.5	0.0	41.1	940.0	20.0	1.5	0.0	40.0
900.0	100.0	1.5	0.0	41.0	940.0	40.0	1.5	0.0	40.2
900.0	120.0	1.5	0.0	41.0	940.0	60.0	1.5	0.0	40.2
900.0	140.0	1.5	0.0	41.2	940.0	80.0	1.5	0.0	40.1
900.0	160.0	1.5	0.0	41.4	940.0	100.0	1.5	0.0	40.3
900.0	180.0	1.5	0.0	41.6	940.0	120.0	1.5	0.0	40.5
900.0	200.0	1.5	0.0	41.8	940.0	140.0	1.5	0.0	40.7
900.0	220.0	1.5	0.0	42.0	940.0	160.0	1.5	0.0	40.9
900.0	240.0	1.5	0.0	42.2	940.0	180.0	1.5	0.0	41.0
900.0	260.0	1.5	0.0	42.4	940.0	200.0	1.5	0.0	41.2
900.0	280.0	1.5	0.0	42.5	940.0	220.0	1.5	0.0	41.4
900.0	300.0	1.5	0.0	42.7	940.0	240.0	1.5	0.0	41.6

940.0	260.0	1.5	0.0	41.7	980.0	140.0	1.5	0.0	40.2
940.0	280.0	1.5	0.0	41.9	980.0	160.0	1.5	0.0	40.3
940.0	300.0	1.5	0.0	42.0	980.0	180.0	1.5	0.0	40.5
940.0	320.0	1.5	0.0	42.2	980.0	200.0	1.5	0.0	40.7
940.0	340.0	1.5	0.0	42.3	980.0	220.0	1.5	0.0	40.8
940.0	360.0	1.5	0.0	42.3	980.0	240.0	1.5	0.0	41.0
940.0	380.0	1.5	0.0	42.4	980.0	260.0	1.5	0.0	41.1
940.0	400.0	1.5	0.0	42.4	980.0	280.0	1.5	0.0	41.3
940.0	420.0	1.5	0.0	42.4	980.0	300.0	1.5	0.0	41.4
940.0	440.0	1.5	0.0	42.5	980.0	320.0	1.5	0.0	41.5
940.0	460.0	1.5	0.0	42.6	980.0	340.0	1.5	0.0	41.5
940.0	480.0	1.5	0.0	42.6	980.0	360.0	1.5	0.0	41.6
940.0	498.0	1.5	0.0	42.6	980.0	380.0	1.5	0.0	41.7
940.0	500.0	1.5	0.0	42.6	980.0	400.0	1.5	0.0	41.7
940.0	511.5	1.5	0.0	42.6	980.0	420.0	1.5	0.0	41.7
940.0	516.0	1.5	0.0	42.6	980.0	440.0	1.5	0.0	41.8
940.0	519.5	1.5	0.0	42.6	980.0	460.0	1.5	0.0	41.8
940.0	540.0	1.5	0.0	42.6	980.0	480.0	1.5	0.0	41.9
940.0	542.0	1.5	0.0	42.6	980.0	498.0	1.5	0.0	41.9
940.0	560.0	1.5	0.0	42.6	980.0	500.0	1.5	0.0	41.9
940.0	580.0	1.5	0.0	42.6	980.0	511.5	1.5	0.0	41.9
940.0	600.0	1.5	0.0	42.6	980.0	516.0	1.5	0.0	41.9
940.0	620.0	1.5	0.0	42.5	980.0	519.5	1.5	0.0	41.9
940.0	640.0	1.5	0.0	42.5	980.0	540.0	1.5	0.0	41.9
940.0	660.0	1.5	0.0	42.3	980.0	542.0	1.5	0.0	41.9
940.0	680.0	1.5	0.0	42.2	980.0	560.0	1.5	0.0	41.9
940.0	700.0	1.5	0.0	42.1	980.0	580.0	1.5	0.0	41.8
940.0	720.0	1.5	0.0	41.9	980.0	600.0	1.5	0.0	41.8
940.0	740.0	1.5	0.0	41.8	980.0	620.0	1.5	0.0	41.8
940.0	760.0	1.5	0.0	41.7	980.0	640.0	1.5	0.0	41.7
940.0	780.0	1.5	0.0	42.7	980.0	660.0	1.5	0.0	41.6
940.0	800.0	1.5	0.0	42.6	980.0	680.0	1.5	0.0	41.5
940.0	820.0	1.5	0.0	43.4	980.0	700.0	1.5	0.0	41.4
940.0	840.0	1.5	0.0	43.2	980.0	720.0	1.5	0.0	41.3
940.0	860.0	1.5	0.0	43.0	980.0	740.0	1.5	0.0	41.2
940.0	880.0	1.5	0.0	42.8	980.0	760.0	1.5	0.0	41.0
940.0	900.0	1.5	0.0	42.6	980.0	780.0	1.5	0.0	40.9
940.0	920.0	1.5	0.0	42.4	980.0	800.0	1.5	0.0	42.0
940.0	940.0	1.5	0.0	42.3	980.0	820.0	1.5	0.0	41.8
940.0	960.0	1.5	0.0	42.1	980.0	840.0	1.5	0.0	41.7
940.0	980.0	1.5	0.0	41.9	980.0	860.0	1.5	0.0	42.5
940.0	1000.0	1.5	0.0	41.7	980.0	880.0	1.5	0.0	42.3
960.0	0.0	1.5	0.0	39.6	980.0	900.0	1.5	0.0	42.1
960.0	20.0	1.5	0.0	39.8	980.0	920.0	1.5	0.0	42.0
960.0	40.0	1.5	0.0	39.8	980.0	940.0	1.5	0.0	41.8
960.0	60.0	1.5	0.0	39.7	980.0	960.0	1.5	0.0	41.6
960.0	80.0	1.5	0.0	39.9	980.0	980.0	1.5	0.0	41.4
960.0	100.0	1.5	0.0	40.0	980.0	1000.0	1.5	0.0	41.3
960.0	120.0	1.5	0.0	40.2	1000.0	0.0	1.5	0.0	39.0
960.0	140.0	1.5	0.0	40.4	1000.0	20.0	1.5	0.0	38.9
960.0	160.0	1.5	0.0	40.6	1000.0	40.0	1.5	0.0	39.1
960.0	180.0	1.5	0.0	40.8	1000.0	60.0	1.5	0.0	39.2
960.0	200.0	1.5	0.0	41.0	1000.0	80.0	1.5	0.0	39.4
960.0	220.0	1.5	0.0	41.1	1000.0	100.0	1.5	0.0	39.6
960.0	240.0	1.5	0.0	41.3	1000.0	120.0	1.5	0.0	39.8
960.0	260.0	1.5	0.0	41.4	1000.0	140.0	1.5	0.0	39.9
960.0	280.0	1.5	0.0	41.6	1000.0	160.0	1.5	0.0	40.1
960.0	300.0	1.5	0.0	41.7	1000.0	180.0	1.5	0.0	40.3
960.0	320.0	1.5	0.0	41.9	1000.0	200.0	1.5	0.0	40.4
960.0	340.0	1.5	0.0	42.0	1000.0	220.0	1.5	0.0	40.6
960.0	360.0	1.5	0.0	41.9	1000.0	240.0	1.5	0.0	40.7
960.0	380.0	1.5	0.0	42.0	1000.0	260.0	1.5	0.0	40.8
960.0	400.0	1.5	0.0	42.1	1000.0	280.0	1.5	0.0	41.0
960.0	420.0	1.5	0.0	42.1	1000.0	300.0	1.5	0.0	41.1
960.0	440.0	1.5	0.0	42.1	1000.0	320.0	1.5	0.0	41.2
960.0	460.0	1.5	0.0	42.2	1000.0	340.0	1.5	0.0	41.2
960.0	480.0	1.5	0.0	42.2	1000.0	360.0	1.5	0.0	41.3
960.0	498.0	1.5	0.0	42.2	1000.0	380.0	1.5	0.0	41.3
960.0	500.0	1.5	0.0	42.2	1000.0	400.0	1.5	0.0	41.3
960.0	511.5	1.5	0.0	42.2	1000.0	420.0	1.5	0.0	41.4
960.0	516.0	1.5	0.0	42.2	1000.0	440.0	1.5	0.0	41.4
960.0	519.5	1.5	0.0	42.2	1000.0	460.0	1.5	0.0	41.5
960.0	540.0	1.5	0.0	42.2	1000.0	480.0	1.5	0.0	41.5
960.0	542.0	1.5	0.0	42.2	1000.0	498.0	1.5	0.0	41.5
960.0	560.0	1.5	0.0	42.2	1000.0	500.0	1.5	0.0	41.5
960.0	580.0	1.5	0.0	42.2	1000.0	511.5	1.5	0.0	41.5
960.0	600.0	1.5	0.0	42.2	1000.0	516.0	1.5	0.0	41.5
960.0	620.0	1.5	0.0	42.2	1000.0	519.5	1.5	0.0	41.5
960.0	640.0	1.5	0.0	42.1	1000.0	540.0	1.5	0.0	41.5
960.0	660.0	1.5	0.0	41.9	1000.0	542.0	1.5	0.0	41.5
960.0	680.0	1.5	0.0	41.8	1000.0	560.0	1.5	0.0	41.5
960.0	700.0	1.5	0.0	41.7	1000.0	580.0	1.5	0.0	41.5
960.0	720.0	1.5	0.0	41.6	1000.0	600.0	1.5	0.0	41.5
960.0	740.0	1.5	0.0	41.5	1000.0	620.0	1.5	0.0	41.4
960.0	760.0	1.5	0.0	41.3	1000.0	640.0	1.5	0.0	41.4
960.0	780.0	1.5	0.0	42.4	1000.0	660.0	1.5	0.0	41.3
960.0	800.0	1.5	0.0	42.3	1000.0	680.0	1.5	0.0	41.2
960.0	820.0	1.5	0.0	42.1	1000.0	700.0	1.5	0.0	41.1
960.0	840.0	1.5	0.0	42.9	1000.0	720.0	1.5	0.0	41.0
960.0	860.0	1.5	0.0	42.7	1000.0	740.0	1.5	0.0	40.9
960.0	880.0	1.5	0.0	42.6	1000.0	760.0	1.5	0.0	40.7
960.0	900.0	1.5	0.0	42.4	1000.0	780.0	1.5	0.0	40.6
960.0	920.0	1.5	0.0	42.2	1000.0	800.0	1.5	0.0	41.7
960.0	940.0	1.5	0.0	42.0	1000.0	820.0	1.5	0.0	41.6
960.0	960.0	1.5	0.0	41.8	1000.0	840.0	1.5	0.0	41.4
960.0	980.0	1.5	0.0	41.7	1000.0	860.0	1.5	0.0	42.2
960.0	1000.0	1.5	0.0	41.5	1000.0	880.0	1.5	0.0	42.1
980.0	0.0	1.5	0.0	39.4	1000.0	900.0	1.5	0.0	41.9
980.0	20.0	1.5	0.0	39.4	1000.0	920.0	1.5	0.0	41.7
980.0	40.0	1.5	0.0	39.3	1000.0	940.0	1.5	0.0	41.6
980.0	60.0	1.5	0.0	39.5	1000.0	960.0	1.5	0.0	41.4
980.0	80.0	1.5	0.0	39.6	1000.0	980.0	1.5	0.0	41.2
980.0	100.0	1.5	0.0	39.8	1000.0	1000.0	1.5	0.0	41.0
980.0	120.0	1.5	0.0	40.0					

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

Opis projektu: Propagacja hałasu z zakładu w Skarbimierzu - noc - wariant proponowany

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	Wentylacja
2	2	H2	Wentylacja
3	3	H3	Wentylacja
4	4	H4	Wentylacja
5	5	H5	Wentylacja
6	6	H6	Wentylacja
7	7	H7	Wentylacja
8	8	H8	Wentylacja
9	9	H9	Wentylacja
10	10	H10	Wentylacja
11	11	H11	Wentylacja
12	12	H12	Wentylacja
13	13	H13	Wentylacja
14	14	H14	Wentylacja
15	15	H15	Wentylacja
16	16	H16	Wentylacja
17	17	H17	Wentylacja
18	18	H18	Wentylacja
19	19	H19	Wentylacja
20	20	H20	Wentylacja
21	21	H21	Wentylacja
22	22	H22	Wentylacja
23	23	H23	Wentylacja
24	24	H24	Wentylacja
25	25	H25	Wentylacja
26	26	H26	Wentylacja
27	27	H27	Wentylacja
28	28	H28	Wentylacja
29	29	H29	Wentylacja
30	30	H30	Wentylacja
31	31	H31	Wentylacja
32	32	H32	Wentylacja
33	33	H33	Wentylacja
34	34	H34	Wentylacja
35	35	H35	Wentylacja
36	36	H36	Wentylacja
37	37	H37	Wentylacja
38	38	H38	Wentylacja
39	39	H39	Wentylacja
40	40	H40	Wentylacja
41	41	H41	Wentylacja
42	42	H42	Wentylacja
43	43	H43	Wentylacja
44	44	H44	Wentylacja
45	45	H45	Wentylacja
46	46	H46	Wentylacja
47	47	H47	Wentylacja
48	48	H48	Wentylacja
49	49	H49	Wentylacja
50	50	H50	Agregat
51	51	H51	Wieża chłodnicza
52	52	H52	Wieża chłodnicza
Źródła - budynki			
53	1	B1a	B1a
54	2	B1b	B1b
55	3	B1c	B1c
56	4	B1d	B1d

Hałas Przemysłowy Zewnętrzny

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

Opis projektu: Propagacja hałasu z zakładu w Skarbimierzu - noc - wariant proponowany

Temperatura powietrza= 10°C

Wilgotność względna RH = 70%

Ź R Ó D Ł A W S Z E C H K I E R U N K O W E, liczba = 52

Lp	Symbol	x[m]	y[m]	z[m]	L _{WA} [dB]	K ₀
1	H1	490,0	520,0	16,0	75,0	3
2	H2	466,0	529,0	11,2	80,0	3
3	H3	461,0	517,0	11,2	80,0	3
4	H4	445,0	538,0	20,5	94,0	3
5	H5	443,0	516,0	20,5	87,0	3
6	H6	428,0	497,0	8,2	74,0	3
7	H7	420,0	495,0	8,2	70,0	3
8	H8	423,0	505,0	8,2	70,0	3
9	H9	423,0	499,0	8,2	94,0	3
10	H10	432,0	500,0	8,2	70,0	3
11	H11	460,0	523,0	11,2	78,0	3
12	H12	461,0	523,0	11,2	72,0	3
13	H13	463,0	522,0	11,2	78,0	3
14	H14	464,0	522,0	11,2	78,0	3
15	H15	436,0	525,0	20,5	101,0	3
16	H16	437,0	524,0	20,5	101,0	3
17	H17	449,0	526,0	20,5	94,0	3
18	H18	448,0	524,0	20,5	94,0	3
19	H19	462,0	536,0	5,5	51,0	3
20	H20	466,0	562,0	5,5	70,0	3
21	H21	470,0	560,0	5,5	60,0	3
22	H22	436,0	565,0	5,5	51,0	3
23	H23	467,0	565,0	5,5	70,0	3
24	H24	471,0	536,0	5,5	90,0	3
25	H25	475,0	558,0	5,5	78,0	3
26	H26	479,0	559,0	5,5	46,0	3
27	H27	464,0	530,0	11,2	70,0	3
28	H28	463,0	528,0	11,2	71,0	3
29	H29	456,0	519,0	11,2	70,0	3
30	H30	455,0	517,0	11,2	70,0	3
31	H31	494,0	520,0	16,0	70,0	3
32	H32	497,0	518,0	16,0	70,0	3
33	H33	500,0	517,0	16,0	46,0	3
34	H34	503,0	522,0	16,0	70,0	3
35	H35	502,0	520,0	16,0	78,0	3
36	H36	502,0	519,0	16,0	78,0	3
37	H37	430,0	522,0	20,5	70,0	3
38	H38	435,0	532,0	20,5	70,0	3
39	H39	435,0	532,0	20,5	70,0	3
40	H40	437,0	535,0	20,5	70,0	3
41	H41	438,0	539,0	20,5	70,0	3
42	H42	455,0	537,0	20,5	75,0	3
43	H43	455,0	532,0	20,5	75,0	3
44	H44	453,0	529,0	20,5	75,0	3
45	H45	449,0	534,0	20,5	75,0	3
46	H46	448,0	531,0	20,5	75,0	3
47	H47	435,0	509,0	23,5	75,0	3
48	H48	430,0	511,0	23,5	75,0	3
49	H49	522,0	502,0	8,2	76,0	3
50	H50	448,0	574,0	2,0	85,0	3
51	H51	411,0	502,0	5,2	86,0	3
52	H52	415,0	502,0	5,2	86,0	3

Ź R Ó D Ł A - B U D Y N K I, liczba = 5

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	440,0;543,0	462,0;533,0	467,0;541,0	444,0;552,0	9,7	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
2	B1b	422,0;506,0	445,0;495,0	462,0;533,0	440,0;541,0	19,0	0,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
3	B1c	445,0;495,0	454,0;490,0	475,0;537,0	466,0;541,0	9,7	0,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
4	B1e	418,0;496,0	429,0;491,0	434,0;500,0	422,0;506,0	6,7	0,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		
5	B1d	427,0;508,0	434,0;505,0	439,0;515,0	432,0;518,0	3,0	19,0	--
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	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	25,0		

SIATKA PUNKTÓW OBSERWACJI

X _{min} [m]	X _{max} [m]	Y _{min} [m]	Y _{max} [m]	dx[m]	dy[m]	z[m]	L _{na} [dB]
0,0	1000,0	0,0	1000,0	20,0	20,0	1,5	0,00

x	y	z	L tła	L A	20.0	200.0	1.5	0.0	42.2
0.0	0.0	1.5	0.0	39.8	20.0	220.0	1.5	0.0	42.4
0.0	20.0	1.5	0.0	40.0	20.0	240.0	1.5	0.0	42.7
0.0	40.0	1.5	0.0	40.2	20.0	260.0	1.5	0.0	42.9
0.0	60.0	1.5	0.0	40.4	20.0	280.0	1.5	0.0	42.8
0.0	80.0	1.5	0.0	40.6	20.0	300.0	1.5	0.0	43.0
0.0	100.0	1.5	0.0	40.8	20.0	320.0	1.5	0.0	43.2
0.0	120.0	1.5	0.0	41.0	20.0	340.0	1.5	0.0	43.5
0.0	140.0	1.5	0.0	41.3	20.0	360.0	1.5	0.0	43.8
0.0	160.0	1.5	0.0	41.5	20.0	380.0	1.5	0.0	44.1
0.0	180.0	1.5	0.0	41.7	20.0	400.0	1.5	0.0	44.2
0.0	200.0	1.5	0.0	41.9	20.0	420.0	1.5	0.0	44.3
0.0	220.0	1.5	0.0	42.1	20.0	440.0	1.5	0.0	44.4
0.0	240.0	1.5	0.0	42.4	20.0	460.0	1.5	0.0	44.5
0.0	260.0	1.5	0.0	42.2	20.0	480.0	1.5	0.0	44.5
0.0	280.0	1.5	0.0	42.5	20.0	498.0	1.5	0.0	44.6
0.0	300.0	1.5	0.0	42.7	20.0	500.0	1.5	0.0	44.6
0.0	320.0	1.5	0.0	43.0	20.0	511.5	1.5	0.0	44.6
0.0	340.0	1.5	0.0	43.2	20.0	516.0	1.5	0.0	44.6
0.0	360.0	1.5	0.0	43.5	20.0	519.5	1.5	0.0	44.6
0.0	380.0	1.5	0.0	43.7	20.0	540.0	1.5	0.0	44.6
0.0	400.0	1.5	0.0	43.8	20.0	542.0	1.5	0.0	44.6
0.0	420.0	1.5	0.0	43.9	20.0	560.0	1.5	0.0	44.6
0.0	440.0	1.5	0.0	44.0	20.0	580.0	1.5	0.0	44.6
0.0	460.0	1.5	0.0	44.0	20.0	600.0	1.5	0.0	44.5
0.0	480.0	1.5	0.0	44.1	20.0	620.0	1.5	0.0	44.4
0.0	498.0	1.5	0.0	44.2	20.0	640.0	1.5	0.0	44.3
0.0	500.0	1.5	0.0	44.2	20.0	660.0	1.5	0.0	44.2
0.0	511.5	1.5	0.0	44.2	20.0	680.0	1.5	0.0	44.1
0.0	516.0	1.5	0.0	44.2	20.0	700.0	1.5	0.0	43.9
0.0	519.5	1.5	0.0	44.2	20.0	720.0	1.5	0.0	43.7
0.0	540.0	1.5	0.0	44.2	20.0	740.0	1.5	0.0	43.6
0.0	542.0	1.5	0.0	44.2	20.0	760.0	1.5	0.0	43.4
0.0	560.0	1.5	0.0	44.2	20.0	780.0	1.5	0.0	43.2
0.0	580.0	1.5	0.0	44.1	20.0	800.0	1.5	0.0	43.0
0.0	600.0	1.5	0.0	44.1	20.0	820.0	1.5	0.0	42.8
0.0	620.0	1.5	0.0	44.0	20.0	840.0	1.5	0.0	42.6
0.0	640.0	1.5	0.0	43.9	20.0	860.0	1.5	0.0	42.4
0.0	660.0	1.5	0.0	43.8	20.0	880.0	1.5	0.0	42.1
0.0	680.0	1.5	0.0	43.7	20.0	900.0	1.5	0.0	41.9
0.0	700.0	1.5	0.0	43.5	20.0	920.0	1.5	0.0	41.7
0.0	720.0	1.5	0.0	43.4	20.0	940.0	1.5	0.0	41.4
0.0	740.0	1.5	0.0	43.2	20.0	960.0	1.5	0.0	41.2
0.0	760.0	1.5	0.0	43.0	20.0	980.0	1.5	0.0	41.0
0.0	780.0	1.5	0.0	42.8	20.0	1000.0	1.5	0.0	40.7
0.0	800.0	1.5	0.0	42.6	40.0	0.0	1.5	0.0	39.4
0.0	820.0	1.5	0.0	42.4	40.0	20.0	1.5	0.0	39.7
0.0	840.0	1.5	0.0	42.3	40.0	40.0	1.5	0.0	39.8
0.0	860.0	1.5	0.0	42.1	40.0	60.0	1.5	0.0	40.9
0.0	880.0	1.5	0.0	41.9	40.0	80.0	1.5	0.0	41.1
0.0	900.0	1.5	0.0	41.6	40.0	100.0	1.5	0.0	41.3
0.0	920.0	1.5	0.0	41.4	40.0	120.0	1.5	0.0	41.5
0.0	940.0	1.5	0.0	41.2	40.0	140.0	1.5	0.0	41.8
0.0	960.0	1.5	0.0	41.0	40.0	160.0	1.5	0.0	42.0
0.0	980.0	1.5	0.0	40.8	40.0	180.0	1.5	0.0	42.2
0.0	1000.0	1.5	0.0	40.5	40.0	200.0	1.5	0.0	42.5
20.0	0.0	1.5	0.0	39.2	40.0	220.0	1.5	0.0	42.7
20.0	20.0	1.5	0.0	39.4	40.0	240.0	1.5	0.0	43.0
20.0	40.0	1.5	0.0	40.4	40.0	260.0	1.5	0.0	43.2
20.0	60.0	1.5	0.0	40.6	40.0	280.0	1.5	0.0	43.1
20.0	80.0	1.5	0.0	40.8	40.0	300.0	1.5	0.0	43.3
20.0	100.0	1.5	0.0	41.1	40.0	320.0	1.5	0.0	43.6
20.0	120.0	1.5	0.0	41.3	40.0	340.0	1.5	0.0	43.9
20.0	140.0	1.5	0.0	41.5	40.0	360.0	1.5	0.0	44.2
20.0	160.0	1.5	0.0	41.7	40.0	380.0	1.5	0.0	44.5
20.0	180.0	1.5	0.0	42.0	40.0	400.0	1.5	0.0	44.6

40.0	420.0	1.5	0.0	44.7	80.0	360.0	1.5	0.0	44.9
40.0	440.0	1.5	0.0	44.8	80.0	380.0	1.5	0.0	45.2
40.0	460.0	1.5	0.0	44.9	80.0	400.0	1.5	0.0	45.5
40.0	480.0	1.5	0.0	45.0	80.0	420.0	1.5	0.0	45.7
40.0	498.0	1.5	0.0	45.1	80.0	440.0	1.5	0.0	45.8
40.0	500.0	1.5	0.0	45.1	80.0	460.0	1.5	0.0	45.9
40.0	511.5	1.5	0.0	45.1	80.0	480.0	1.5	0.0	46.0
40.0	516.0	1.5	0.0	45.1	80.0	498.0	1.5	0.0	46.1
40.0	519.5	1.5	0.0	45.1	80.0	500.0	1.5	0.0	46.1
40.0	540.0	1.5	0.0	45.1	80.0	511.5	1.5	0.0	46.1
40.0	542.0	1.5	0.0	45.1	80.0	516.0	1.5	0.0	46.1
40.0	560.0	1.5	0.0	45.1	80.0	519.5	1.5	0.0	46.1
40.0	580.0	1.5	0.0	45.0	80.0	540.0	1.5	0.0	46.1
40.0	600.0	1.5	0.0	45.0	80.0	542.0	1.5	0.0	46.1
40.0	620.0	1.5	0.0	44.9	80.0	560.0	1.5	0.0	46.1
40.0	640.0	1.5	0.0	44.8	80.0	580.0	1.5	0.0	46.0
40.0	660.0	1.5	0.0	44.6	80.0	600.0	1.5	0.0	45.9
40.0	680.0	1.5	0.0	44.5	80.0	620.0	1.5	0.0	45.8
40.0	700.0	1.5	0.0	44.3	80.0	640.0	1.5	0.0	45.7
40.0	720.0	1.5	0.0	44.1	80.0	660.0	1.5	0.0	45.5
40.0	740.0	1.5	0.0	43.9	80.0	680.0	1.5	0.0	45.3
40.0	760.0	1.5	0.0	43.7	80.0	700.0	1.5	0.0	45.1
40.0	780.0	1.5	0.0	43.5	80.0	720.0	1.5	0.0	44.9
40.0	800.0	1.5	0.0	43.3	80.0	740.0	1.5	0.0	44.7
40.0	820.0	1.5	0.0	43.1	80.0	760.0	1.5	0.0	44.5
40.0	840.0	1.5	0.0	42.9	80.0	780.0	1.5	0.0	44.3
40.0	860.0	1.5	0.0	42.6	80.0	800.0	1.5	0.0	44.0
40.0	880.0	1.5	0.0	42.4	80.0	820.0	1.5	0.0	43.7
40.0	900.0	1.5	0.0	42.2	80.0	840.0	1.5	0.0	43.5
40.0	920.0	1.5	0.0	41.9	80.0	860.0	1.5	0.0	43.2
40.0	940.0	1.5	0.0	41.7	80.0	880.0	1.5	0.0	43.0
40.0	960.0	1.5	0.0	41.4	80.0	900.0	1.5	0.0	42.7
40.0	980.0	1.5	0.0	41.2	80.0	920.0	1.5	0.0	42.4
40.0	1000.0	1.5	0.0	40.9	80.0	940.0	1.5	0.0	42.1
60.0	0.0	1.5	0.0	39.6	80.0	960.0	1.5	0.0	41.9
60.0	20.0	1.5	0.0	39.9	80.0	980.0	1.5	0.0	41.6
60.0	40.0	1.5	0.0	40.1	80.0	1000.0	1.5	0.0	41.3
60.0	60.0	1.5	0.0	40.3	100.0	0.0	1.5	0.0	40.0
60.0	80.0	1.5	0.0	41.4	100.0	20.0	1.5	0.0	40.5
60.0	100.0	1.5	0.0	41.6	100.0	40.0	1.5	0.0	40.6
60.0	120.0	1.5	0.0	41.8	100.0	60.0	1.5	0.0	40.8
60.0	140.0	1.5	0.0	42.0	100.0	80.0	1.5	0.0	41.0
60.0	160.0	1.5	0.0	42.3	100.0	100.0	1.5	0.0	41.3
60.0	180.0	1.5	0.0	42.5	100.0	120.0	1.5	0.0	42.4
60.0	200.0	1.5	0.0	42.8	100.0	140.0	1.5	0.0	42.6
60.0	220.0	1.5	0.0	43.0	100.0	160.0	1.5	0.0	42.8
60.0	240.0	1.5	0.0	43.3	100.0	180.0	1.5	0.0	43.1
60.0	260.0	1.5	0.0	43.5	100.0	200.0	1.5	0.0	43.4
60.0	280.0	1.5	0.0	43.8	100.0	220.0	1.5	0.0	43.7
60.0	300.0	1.5	0.0	43.7	100.0	240.0	1.5	0.0	43.9
60.0	320.0	1.5	0.0	43.9	100.0	260.0	1.5	0.0	44.2
60.0	340.0	1.5	0.0	44.2	100.0	280.0	1.5	0.0	44.5
60.0	360.0	1.5	0.0	44.5	100.0	300.0	1.5	0.0	44.8
60.0	380.0	1.5	0.0	44.9	100.0	320.0	1.5	0.0	44.7
60.0	400.0	1.5	0.0	45.1	100.0	340.0	1.5	0.0	45.0
60.0	420.0	1.5	0.0	45.2	100.0	360.0	1.5	0.0	45.2
60.0	440.0	1.5	0.0	45.3	100.0	380.0	1.5	0.0	45.6
60.0	460.0	1.5	0.0	45.4	100.0	400.0	1.5	0.0	46.0
60.0	480.0	1.5	0.0	45.5	100.0	420.0	1.5	0.0	46.2
60.0	498.0	1.5	0.0	45.6	100.0	440.0	1.5	0.0	46.3
60.0	500.0	1.5	0.0	45.6	100.0	460.0	1.5	0.0	46.4
60.0	511.5	1.5	0.0	45.6	100.0	480.0	1.5	0.0	46.5
60.0	516.0	1.5	0.0	45.6	100.0	498.0	1.5	0.0	46.6
60.0	519.5	1.5	0.0	45.6	100.0	500.0	1.5	0.0	46.6
60.0	540.0	1.5	0.0	45.6	100.0	511.5	1.5	0.0	46.6
60.0	542.0	1.5	0.0	45.6	100.0	516.0	1.5	0.0	46.6
60.0	560.0	1.5	0.0	45.5	100.0	519.5	1.5	0.0	46.6
60.0	580.0	1.5	0.0	45.5	100.0	540.0	1.5	0.0	46.6
60.0	600.0	1.5	0.0	45.4	100.0	542.0	1.5	0.0	46.6
60.0	620.0	1.5	0.0	45.3	100.0	560.0	1.5	0.0	46.6
60.0	640.0	1.5	0.0	45.2	100.0	580.0	1.5	0.0	46.5
60.0	660.0	1.5	0.0	45.1	100.0	600.0	1.5	0.0	46.4
60.0	680.0	1.5	0.0	44.9	100.0	620.0	1.5	0.0	46.3
60.0	700.0	1.5	0.0	44.7	100.0	640.0	1.5	0.0	46.2
60.0	720.0	1.5	0.0	44.5	100.0	660.0	1.5	0.0	46.0
60.0	740.0	1.5	0.0	44.3	100.0	680.0	1.5	0.0	45.8
60.0	760.0	1.5	0.0	44.1	100.0	700.0	1.5	0.0	45.6
60.0	780.0	1.5	0.0	43.9	100.0	720.0	1.5	0.0	45.3
60.0	800.0	1.5	0.0	43.7	100.0	740.0	1.5	0.0	45.1
60.0	820.0	1.5	0.0	43.4	100.0	760.0	1.5	0.0	44.8
60.0	840.0	1.5	0.0	43.2	100.0	780.0	1.5	0.0	44.6
60.0	860.0	1.5	0.0	42.9	100.0	800.0	1.5	0.0	44.3
60.0	880.0	1.5	0.0	42.7	100.0	820.0	1.5	0.0	44.1
60.0	900.0	1.5	0.0	42.4	100.0	840.0	1.5	0.0	43.8
60.0	920.0	1.5	0.0	42.2	100.0	860.0	1.5	0.0	43.5
60.0	940.0	1.5	0.0	41.9	100.0	880.0	1.5	0.0	43.2
60.0	960.0	1.5	0.0	41.6	100.0	900.0	1.5	0.0	42.9
60.0	980.0	1.5	0.0	41.4	100.0	920.0	1.5	0.0	42.6
60.0	1000.0	1.5	0.0	41.1	100.0	940.0	1.5	0.0	42.4
80.0	0.0	1.5	0.0	40.1	100.0	960.0	1.5	0.0	42.1
80.0	20.0	1.5	0.0	40.2	100.0	980.0	1.5	0.0	41.8
80.0	40.0	1.5	0.0	40.3	100.0	1000.0	1.5	0.0	41.5
80.0	60.0	1.5	0.0	40.6	120.0	0.0	1.5	0.0	40.1
80.0	80.0	1.5	0.0	40.7	120.0	20.0	1.5	0.0	40.4
80.0	100.0	1.5	0.0	41.8	120.0	40.0	1.5	0.0	40.9
80.0	120.0	1.5	0.0	42.1	120.0	60.0	1.5	0.0	41.2
80.0	140.0	1.5	0.0	42.3	120.0	80.0	1.5	0.0	41.2
80.0	160.0	1.5	0.0	42.6	120.0	100.0	1.5	0.0	41.5
80.0	180.0	1.5	0.0	42.8	120.0	120.0	1.5	0.0	41.8
80.0	200.0	1.5	0.0	43.1	120.0	140.0	1.5	0.0	42.0
80.0	220.0	1.5	0.0	43.3	120.0	160.0	1.5	0.0	43.1
80.0	240.0	1.5	0.0	43.6	120.0	180.0	1.5	0.0	43.4
80.0	260.0	1.5	0.0	43.9	120.0	200.0	1.5	0.0	43.7
80.0	280.0	1.5	0.0	44.1	120.0	220.0	1.5	0.0	44.0
80.0	300.0	1.5	0.0	44.4	120.0	240.0	1.5	0.0	44.3
80.0	320.0	1.5	0.0	44.3	120.0	260.0	1.5	0.0	44.6
80.0	340.0	1.5	0.0	44.6	120.0	280.0	1.5	0.0	44.9

120.0	300.0	1.5	0.0	45.2	160.0	240.0	1.5	0.0	45.0
120.0	320.0	1.5	0.0	45.4	160.0	260.0	1.5	0.0	45.3
120.0	340.0	1.5	0.0	45.4	160.0	280.0	1.5	0.0	45.6
120.0	360.0	1.5	0.0	45.7	160.0	300.0	1.5	0.0	46.0
120.0	380.0	1.5	0.0	46.1	160.0	320.0	1.5	0.0	46.3
120.0	400.0	1.5	0.0	46.4	160.0	340.0	1.5	0.0	46.6
120.0	420.0	1.5	0.0	46.7	160.0	360.0	1.5	0.0	46.6
120.0	440.0	1.5	0.0	46.8	160.0	380.0	1.5	0.0	46.9
120.0	460.0	1.5	0.0	47.0	160.0	400.0	1.5	0.0	47.4
120.0	480.0	1.5	0.0	47.1	160.0	420.0	1.5	0.0	47.8
120.0	498.0	1.5	0.0	47.2	160.0	440.0	1.5	0.0	48.0
120.0	500.0	1.5	0.0	47.2	160.0	460.0	1.5	0.0	48.2
120.0	511.5	1.5	0.0	47.2	160.0	480.0	1.5	0.0	48.3
120.0	516.0	1.5	0.0	47.2	160.0	498.0	1.5	0.0	48.4
120.0	519.5	1.5	0.0	47.2	160.0	500.0	1.5	0.0	48.4
120.0	540.0	1.5	0.0	47.2	160.0	511.5	1.5	0.0	48.4
120.0	542.0	1.5	0.0	47.2	160.0	516.0	1.5	0.0	48.4
120.0	560.0	1.5	0.0	47.2	160.0	519.5	1.5	0.0	48.4
120.0	580.0	1.5	0.0	47.1	160.0	540.0	1.5	0.0	48.4
120.0	600.0	1.5	0.0	47.0	160.0	542.0	1.5	0.0	48.4
120.0	620.0	1.5	0.0	46.8	160.0	560.0	1.5	0.0	48.4
120.0	640.0	1.5	0.0	46.7	160.0	580.0	1.5	0.0	48.3
120.0	660.0	1.5	0.0	46.5	160.0	600.0	1.5	0.0	48.2
120.0	680.0	1.5	0.0	46.2	160.0	620.0	1.5	0.0	48.0
120.0	700.0	1.5	0.0	46.0	160.0	640.0	1.5	0.0	47.7
120.0	720.0	1.5	0.0	45.8	160.0	660.0	1.5	0.0	47.5
120.0	740.0	1.5	0.0	45.5	160.0	680.0	1.5	0.0	47.2
120.0	760.0	1.5	0.0	45.3	160.0	700.0	1.5	0.0	46.9
120.0	780.0	1.5	0.0	45.0	160.0	720.0	1.5	0.0	46.7
120.0	800.0	1.5	0.0	44.7	160.0	740.0	1.5	0.0	46.4
120.0	820.0	1.5	0.0	44.4	160.0	760.0	1.5	0.0	46.0
120.0	840.0	1.5	0.0	44.1	160.0	780.0	1.5	0.0	45.7
120.0	860.0	1.5	0.0	43.8	160.0	800.0	1.5	0.0	45.4
120.0	880.0	1.5	0.0	43.5	160.0	820.0	1.5	0.0	45.0
120.0	900.0	1.5	0.0	43.2	160.0	840.0	1.5	0.0	44.7
120.0	920.0	1.5	0.0	42.9	160.0	860.0	1.5	0.0	44.3
120.0	940.0	1.5	0.0	42.6	160.0	880.0	1.5	0.0	44.0
120.0	960.0	1.5	0.0	42.3	160.0	900.0	1.5	0.0	43.7
120.0	980.0	1.5	0.0	42.0	160.0	920.0	1.5	0.0	43.3
120.0	1000.0	1.5	0.0	41.7	160.0	940.0	1.5	0.0	43.0
140.0	0.0	1.5	0.0	39.2	160.0	960.0	1.5	0.0	42.7
140.0	20.0	1.5	0.0	40.6	160.0	980.0	1.5	0.0	42.4
140.0	40.0	1.5	0.0	40.9	160.0	1000.0	1.5	0.0	42.0
140.0	60.0	1.5	0.0	41.2	180.0	0.0	1.5	0.0	39.4
140.0	80.0	1.5	0.0	41.7	180.0	20.0	1.5	0.0	39.7
140.0	100.0	1.5	0.0	41.9	180.0	40.0	1.5	0.0	40.1
140.0	120.0	1.5	0.0	42.1	180.0	60.0	1.5	0.0	40.4
140.0	140.0	1.5	0.0	42.4	180.0	80.0	1.5	0.0	41.8
140.0	160.0	1.5	0.0	42.6	180.0	100.0	1.5	0.0	42.2
140.0	180.0	1.5	0.0	43.7	180.0	120.0	1.5	0.0	42.5
140.0	200.0	1.5	0.0	44.0	180.0	140.0	1.5	0.0	42.9
140.0	220.0	1.5	0.0	44.3	180.0	160.0	1.5	0.0	43.2
140.0	240.0	1.5	0.0	44.6	180.0	180.0	1.5	0.0	43.4
140.0	260.0	1.5	0.0	44.9	180.0	200.0	1.5	0.0	43.8
140.0	280.0	1.5	0.0	45.2	180.0	220.0	1.5	0.0	45.0
140.0	300.0	1.5	0.0	45.5	180.0	240.0	1.5	0.0	45.3
140.0	320.0	1.5	0.0	45.9	180.0	260.0	1.5	0.0	45.6
140.0	340.0	1.5	0.0	45.8	180.0	280.0	1.5	0.0	46.0
140.0	360.0	1.5	0.0	46.1	180.0	300.0	1.5	0.0	46.4
140.0	380.0	1.5	0.0	46.4	180.0	320.0	1.5	0.0	46.7
140.0	400.0	1.5	0.0	46.9	180.0	340.0	1.5	0.0	47.1
140.0	420.0	1.5	0.0	47.2	180.0	360.0	1.5	0.0	47.4
140.0	440.0	1.5	0.0	47.4	180.0	380.0	1.5	0.0	47.4
140.0	460.0	1.5	0.0	47.6	180.0	400.0	1.5	0.0	47.8
140.0	480.0	1.5	0.0	47.7	180.0	420.0	1.5	0.0	48.3
140.0	498.0	1.5	0.0	47.8	180.0	440.0	1.5	0.0	48.6
140.0	500.0	1.5	0.0	47.8	180.0	460.0	1.5	0.0	48.8
140.0	511.5	1.5	0.0	47.8	180.0	480.0	1.5	0.0	49.0
140.0	516.0	1.5	0.0	47.8	180.0	498.0	1.5	0.0	49.1
140.0	519.5	1.5	0.0	47.8	180.0	500.0	1.5	0.0	49.1
140.0	540.0	1.5	0.0	47.8	180.0	511.5	1.5	0.0	49.1
140.0	542.0	1.5	0.0	47.8	180.0	516.0	1.5	0.0	49.1
140.0	560.0	1.5	0.0	47.7	180.0	519.5	1.5	0.0	49.1
140.0	580.0	1.5	0.0	47.7	180.0	540.0	1.5	0.0	49.1
140.0	600.0	1.5	0.0	47.6	180.0	542.0	1.5	0.0	49.1
140.0	620.0	1.5	0.0	47.4	180.0	560.0	1.5	0.0	49.1
140.0	640.0	1.5	0.0	47.2	180.0	580.0	1.5	0.0	49.0
140.0	660.0	1.5	0.0	47.0	180.0	600.0	1.5	0.0	48.8
140.0	680.0	1.5	0.0	46.7	180.0	620.0	1.5	0.0	48.6
140.0	700.0	1.5	0.0	46.5	180.0	640.0	1.5	0.0	48.3
140.0	720.0	1.5	0.0	46.2	180.0	660.0	1.5	0.0	48.0
140.0	740.0	1.5	0.0	45.9	180.0	680.0	1.5	0.0	47.7
140.0	760.0	1.5	0.0	45.6	180.0	700.0	1.5	0.0	47.4
140.0	780.0	1.5	0.0	45.3	180.0	720.0	1.5	0.0	47.1
140.0	800.0	1.5	0.0	45.0	180.0	740.0	1.5	0.0	46.8
140.0	820.0	1.5	0.0	44.7	180.0	760.0	1.5	0.0	46.4
140.0	840.0	1.5	0.0	44.4	180.0	780.0	1.5	0.0	46.1
140.0	860.0	1.5	0.0	44.1	180.0	800.0	1.5	0.0	45.7
140.0	880.0	1.5	0.0	43.7	180.0	820.0	1.5	0.0	45.4
140.0	900.0	1.5	0.0	43.4	180.0	840.0	1.5	0.0	45.0
140.0	920.0	1.5	0.0	43.1	180.0	860.0	1.5	0.0	44.6
140.0	940.0	1.5	0.0	42.8	180.0	880.0	1.5	0.0	44.3
140.0	960.0	1.5	0.0	42.5	180.0	900.0	1.5	0.0	43.9
140.0	980.0	1.5	0.0	42.2	180.0	920.0	1.5	0.0	43.5
140.0	1000.0	1.5	0.0	41.9	180.0	940.0	1.5	0.0	43.2
160.0	0.0	1.5	0.0	39.3	180.0	960.0	1.5	0.0	42.9
160.0	20.0	1.5	0.0	39.7	180.0	980.0	1.5	0.0	42.5
160.0	40.0	1.5	0.0	40.0	180.0	1000.0	1.5	0.0	42.2
160.0	60.0	1.5	0.0	41.3	200.0	0.0	1.5	0.0	39.4
160.0	80.0	1.5	0.0	41.7	200.0	20.0	1.5	0.0	39.8
160.0	100.0	1.5	0.0	42.2	200.0	40.0	1.5	0.0	40.1
160.0	120.0	1.5	0.0	42.6	200.0	60.0	1.5	0.0	40.5
160.0	140.0	1.5	0.0	42.6	200.0	80.0	1.5	0.0	40.9
160.0	160.0	1.5	0.0	42.9	200.0	100.0	1.5	0.0	41.3
160.0	180.0	1.5	0.0	43.2	200.0	120.0	1.5	0.0	42.7
160.0	200.0	1.5	0.0	44.4	200.0	140.0	1.5	0.0	43.0
160.0	220.0	1.5	0.0	44.6	200.0	160.0	1.5	0.0	43.4

200.0	180.0	1.5	0.0	43.8	240.0	120.0	1.5	0.0	41.8
200.0	200.0	1.5	0.0	44.1	240.0	140.0	1.5	0.0	42.2
200.0	220.0	1.5	0.0	44.4	240.0	160.0	1.5	0.0	42.7
200.0	240.0	1.5	0.0	45.7	240.0	180.0	1.5	0.0	43.1
200.0	260.0	1.5	0.0	46.0	240.0	200.0	1.5	0.0	44.6
200.0	280.0	1.5	0.0	46.4	240.0	220.0	1.5	0.0	44.9
200.0	300.0	1.5	0.0	46.7	240.0	240.0	1.5	0.0	45.3
200.0	320.0	1.5	0.0	47.1	240.0	260.0	1.5	0.0	45.7
200.0	340.0	1.5	0.0	47.5	240.0	280.0	1.5	0.0	46.1
200.0	360.0	1.5	0.0	47.9	240.0	300.0	1.5	0.0	47.5
200.0	380.0	1.5	0.0	47.9	240.0	320.0	1.5	0.0	48.0
200.0	400.0	1.5	0.0	48.3	240.0	340.0	1.5	0.0	48.5
200.0	420.0	1.5	0.0	48.7	240.0	360.0	1.5	0.0	49.0
200.0	440.0	1.5	0.0	49.1	240.0	380.0	1.5	0.0	49.4
200.0	460.0	1.5	0.0	49.5	240.0	400.0	1.5	0.0	49.5
200.0	480.0	1.5	0.0	49.7	240.0	420.0	1.5	0.0	49.9
200.0	498.0	1.5	0.0	49.8	240.0	440.0	1.5	0.0	50.4
200.0	500.0	1.5	0.0	49.8	240.0	460.0	1.5	0.0	50.8
200.0	511.5	1.5	0.0	49.9	240.0	480.0	1.5	0.0	51.0
200.0	516.0	1.5	0.0	49.9	240.0	498.0	1.5	0.0	51.2
200.0	519.5	1.5	0.0	49.9	240.0	500.0	1.5	0.0	51.2
200.0	540.0	1.5	0.0	49.9	240.0	511.5	1.5	0.0	51.3
200.0	542.0	1.5	0.0	49.9	240.0	516.0	1.5	0.0	51.3
200.0	560.0	1.5	0.0	49.8	240.0	519.5	1.5	0.0	51.4
200.0	580.0	1.5	0.0	49.7	240.0	540.0	1.5	0.0	51.5
200.0	600.0	1.5	0.0	49.5	240.0	542.0	1.5	0.0	51.5
200.0	620.0	1.5	0.0	49.2	240.0	560.0	1.5	0.0	51.4
200.0	640.0	1.5	0.0	48.9	240.0	580.0	1.5	0.0	51.2
200.0	660.0	1.5	0.0	48.6	240.0	600.0	1.5	0.0	51.0
200.0	680.0	1.5	0.0	48.3	240.0	620.0	1.5	0.0	50.6
200.0	700.0	1.5	0.0	48.0	240.0	640.0	1.5	0.0	50.2
200.0	720.0	1.5	0.0	47.6	240.0	660.0	1.5	0.0	49.9
200.0	740.0	1.5	0.0	47.2	240.0	680.0	1.5	0.0	49.4
200.0	760.0	1.5	0.0	46.8	240.0	700.0	1.5	0.0	49.0
200.0	780.0	1.5	0.0	46.4	240.0	720.0	1.5	0.0	48.5
200.0	800.0	1.5	0.0	46.1	240.0	740.0	1.5	0.0	48.1
200.0	820.0	1.5	0.0	45.6	240.0	760.0	1.5	0.0	47.6
200.0	840.0	1.5	0.0	45.3	240.0	780.0	1.5	0.0	47.1
200.0	860.0	1.5	0.0	44.9	240.0	800.0	1.5	0.0	46.7
200.0	880.0	1.5	0.0	44.5	240.0	820.0	1.5	0.0	46.2
200.0	900.0	1.5	0.0	44.1	240.0	840.0	1.5	0.0	45.8
200.0	920.0	1.5	0.0	43.7	240.0	860.0	1.5	0.0	45.4
200.0	940.0	1.5	0.0	43.3	240.0	880.0	1.5	0.0	44.9
200.0	960.0	1.5	0.0	43.0	240.0	900.0	1.5	0.0	44.5
200.0	980.0	1.5	0.0	42.7	240.0	920.0	1.5	0.0	44.1
200.0	1000.0	1.5	0.0	42.3	240.0	940.0	1.5	0.0	43.7
220.0	0.0	1.5	0.0	39.4	240.0	960.0	1.5	0.0	43.4
220.0	20.0	1.5	0.0	39.8	240.0	980.0	1.5	0.0	43.2
220.0	40.0	1.5	0.0	40.2	240.0	1000.0	1.5	0.0	42.9
220.0	60.0	1.5	0.0	40.6	260.0	0.0	1.5	0.0	39.4
220.0	80.0	1.5	0.0	41.0	260.0	20.0	1.5	0.0	39.7
220.0	100.0	1.5	0.0	41.4	260.0	40.0	1.5	0.0	40.1
220.0	120.0	1.5	0.0	41.7	260.0	60.0	1.5	0.0	40.5
220.0	140.0	1.5	0.0	42.1	260.0	80.0	1.5	0.0	40.9
220.0	160.0	1.5	0.0	43.6	260.0	100.0	1.5	0.0	41.3
220.0	180.0	1.5	0.0	44.0	260.0	120.0	1.5	0.0	41.8
220.0	200.0	1.5	0.0	44.5	260.0	140.0	1.5	0.0	42.3
220.0	220.0	1.5	0.0	44.7	260.0	160.0	1.5	0.0	42.7
220.0	240.0	1.5	0.0	45.1	260.0	180.0	1.5	0.0	43.2
220.0	260.0	1.5	0.0	45.4	260.0	200.0	1.5	0.0	43.6
220.0	280.0	1.5	0.0	46.7	260.0	220.0	1.5	0.0	45.1
220.0	300.0	1.5	0.0	47.1	260.0	240.0	1.5	0.0	45.4
220.0	320.0	1.5	0.0	47.6	260.0	260.0	1.5	0.0	46.0
220.0	340.0	1.5	0.0	48.0	260.0	280.0	1.5	0.0	46.5
220.0	360.0	1.5	0.0	48.4	260.0	300.0	1.5	0.0	46.9
220.0	380.0	1.5	0.0	48.8	260.0	320.0	1.5	0.0	47.9
220.0	400.0	1.5	0.0	48.9	260.0	340.0	1.5	0.0	49.0
220.0	420.0	1.5	0.0	49.3	260.0	360.0	1.5	0.0	49.5
220.0	440.0	1.5	0.0	49.7	260.0	380.0	1.5	0.0	50.0
220.0	460.0	1.5	0.0	50.0	260.0	400.0	1.5	0.0	50.5
220.0	480.0	1.5	0.0	50.3	260.0	420.0	1.5	0.0	50.6
220.0	498.0	1.5	0.0	50.6	260.0	440.0	1.5	0.0	51.2
220.0	500.0	1.5	0.0	50.6	260.0	460.0	1.5	0.0	51.6
220.0	511.5	1.5	0.0	50.7	260.0	480.0	1.5	0.0	51.9
220.0	516.0	1.5	0.0	50.7	260.0	498.0	1.5	0.0	52.1
220.0	519.5	1.5	0.0	50.7	260.0	500.0	1.5	0.0	52.1
220.0	540.0	1.5	0.0	50.7	260.0	511.5	1.5	0.0	52.2
220.0	542.0	1.5	0.0	50.7	260.0	516.0	1.5	0.0	52.2
220.0	560.0	1.5	0.0	50.6	260.0	519.5	1.5	0.0	52.2
220.0	580.0	1.5	0.0	50.4	260.0	540.0	1.5	0.0	52.2
220.0	600.0	1.5	0.0	50.2	260.0	542.0	1.5	0.0	52.2
220.0	620.0	1.5	0.0	49.9	260.0	560.0	1.5	0.0	52.1
220.0	640.0	1.5	0.0	49.6	260.0	580.0	1.5	0.0	52.1
220.0	660.0	1.5	0.0	49.2	260.0	600.0	1.5	0.0	51.8
220.0	680.0	1.5	0.0	48.9	260.0	620.0	1.5	0.0	51.4
220.0	700.0	1.5	0.0	48.5	260.0	640.0	1.5	0.0	50.9
220.0	720.0	1.5	0.0	48.1	260.0	660.0	1.5	0.0	50.5
220.0	740.0	1.5	0.0	47.6	260.0	680.0	1.5	0.0	50.0
220.0	760.0	1.5	0.0	47.2	260.0	700.0	1.5	0.0	49.5
220.0	780.0	1.5	0.0	46.8	260.0	720.0	1.5	0.0	49.0
220.0	800.0	1.5	0.0	46.4	260.0	740.0	1.5	0.0	48.5
220.0	820.0	1.5	0.0	45.9	260.0	760.0	1.5	0.0	48.0
220.0	840.0	1.5	0.0	45.5	260.0	780.0	1.5	0.0	47.4
220.0	860.0	1.5	0.0	45.1	260.0	800.0	1.5	0.0	47.0
220.0	880.0	1.5	0.0	44.7	260.0	820.0	1.5	0.0	46.5
220.0	900.0	1.5	0.0	44.3	260.0	840.0	1.5	0.0	46.0
220.0	920.0	1.5	0.0	43.9	260.0	860.0	1.5	0.0	45.5
220.0	940.0	1.5	0.0	43.5	260.0	880.0	1.5	0.0	45.1
220.0	960.0	1.5	0.0	43.2	260.0	900.0	1.5	0.0	44.7
220.0	980.0	1.5	0.0	42.8	260.0	920.0	1.5	0.0	44.3
220.0	1000.0	1.5	0.0	42.5	260.0	940.0	1.5	0.0	44.1
240.0	0.0	1.5	0.0	39.4	260.0	960.0	1.5	0.0	43.8
240.0	20.0	1.5	0.0	39.7	260.0	980.0	1.5	0.0	43.4
240.0	40.0	1.5	0.0	40.1	260.0	1000.0	1.5	0.0	43.1
240.0	60.0	1.5	0.0	40.5	280.0	0.0	1.5	0.0	39.9
240.0	80.0	1.5	0.0	41.0	280.0	20.0	1.5	0.0	39.8
240.0	100.0	1.5	0.0	41.3	280.0	40.0	1.5	0.0	40.1

280.0	60.0	1.5	0.0	40.5	320.0	0.0	1.5	0.0	40.7
280.0	80.0	1.5	0.0	40.8	320.0	20.0	1.5	0.0	41.1
280.0	100.0	1.5	0.0	41.3	320.0	40.0	1.5	0.0	41.5
280.0	120.0	1.5	0.0	41.7	320.0	60.0	1.5	0.0	41.5
280.0	140.0	1.5	0.0	42.2	320.0	80.0	1.5	0.0	41.8
280.0	160.0	1.5	0.0	42.7	320.0	100.0	1.5	0.0	42.2
280.0	180.0	1.5	0.0	43.3	320.0	120.0	1.5	0.0	42.7
280.0	200.0	1.5	0.0	43.5	320.0	140.0	1.5	0.0	42.7
280.0	220.0	1.5	0.0	43.9	320.0	160.0	1.5	0.0	42.7
280.0	240.0	1.5	0.0	44.3	320.0	180.0	1.5	0.0	42.9
280.0	260.0	1.5	0.0	46.1	320.0	200.0	1.5	0.0	43.3
280.0	280.0	1.5	0.0	46.2	320.0	220.0	1.5	0.0	43.7
280.0	300.0	1.5	0.0	46.3	320.0	240.0	1.5	0.0	44.3
280.0	320.0	1.5	0.0	47.0	320.0	260.0	1.5	0.0	44.5
280.0	340.0	1.5	0.0	48.8	320.0	280.0	1.5	0.0	44.8
280.0	360.0	1.5	0.0	49.4	320.0	300.0	1.5	0.0	45.5
280.0	380.0	1.5	0.0	50.6	320.0	320.0	1.5	0.0	46.3
280.0	400.0	1.5	0.0	51.2	320.0	340.0	1.5	0.0	47.7
280.0	420.0	1.5	0.0	51.8	320.0	360.0	1.5	0.0	48.5
280.0	440.0	1.5	0.0	51.9	320.0	380.0	1.5	0.0	49.5
280.0	460.0	1.5	0.0	52.5	320.0	400.0	1.5	0.0	51.2
280.0	480.0	1.5	0.0	52.9	320.0	420.0	1.5	0.0	52.8
280.0	498.0	1.5	0.0	53.1	320.0	440.0	1.5	0.0	54.1
280.0	500.0	1.5	0.0	53.2	320.0	460.0	1.5	0.0	54.5
280.0	511.5	1.5	0.0	53.2	320.0	480.0	1.5	0.0	55.2
280.0	516.0	1.5	0.0	53.2	320.0	498.0	1.5	0.0	55.7
280.0	519.5	1.5	0.0	53.2	320.0	500.0	1.5	0.0	55.7
280.0	540.0	1.5	0.0	53.2	320.0	511.5	1.5	0.0	55.8
280.0	542.0	1.5	0.0	53.2	320.0	516.0	1.5	0.0	55.8
280.0	560.0	1.5	0.0	53.0	320.0	519.5	1.5	0.0	55.8
280.0	580.0	1.5	0.0	52.7	320.0	540.0	1.5	0.0	55.7
280.0	600.0	1.5	0.0	52.3	320.0	542.0	1.5	0.0	55.7
280.0	620.0	1.5	0.0	52.2	320.0	560.0	1.5	0.0	55.4
280.0	640.0	1.5	0.0	51.7	320.0	580.0	1.5	0.0	54.9
280.0	660.0	1.5	0.0	51.2	320.0	600.0	1.5	0.0	54.3
280.0	680.0	1.5	0.0	50.6	320.0	620.0	1.5	0.0	53.6
280.0	700.0	1.5	0.0	50.0	320.0	640.0	1.5	0.0	52.8
280.0	720.0	1.5	0.0	49.5	320.0	660.0	1.5	0.0	52.2
280.0	740.0	1.5	0.0	48.9	320.0	680.0	1.5	0.0	51.6
280.0	760.0	1.5	0.0	48.3	320.0	700.0	1.5	0.0	51.0
280.0	780.0	1.5	0.0	47.8	320.0	720.0	1.5	0.0	50.3
280.0	800.0	1.5	0.0	47.2	320.0	740.0	1.5	0.0	49.6
280.0	820.0	1.5	0.0	46.7	320.0	760.0	1.5	0.0	48.9
280.0	840.0	1.5	0.0	46.2	320.0	780.0	1.5	0.0	48.3
280.0	860.0	1.5	0.0	45.8	320.0	800.0	1.5	0.0	48.0
280.0	880.0	1.5	0.0	45.6	320.0	820.0	1.5	0.0	47.5
280.0	900.0	1.5	0.0	45.2	320.0	840.0	1.5	0.0	46.9
280.0	920.0	1.5	0.0	44.7	320.0	860.0	1.5	0.0	46.6
280.0	940.0	1.5	0.0	44.3	320.0	880.0	1.5	0.0	46.1
280.0	960.0	1.5	0.0	44.0	320.0	900.0	1.5	0.0	45.7
280.0	980.0	1.5	0.0	43.8	320.0	920.0	1.5	0.0	45.2
280.0	1000.0	1.5	0.0	43.4	320.0	940.0	1.5	0.0	44.8
300.0	0.0	1.5	0.0	40.4	320.0	960.0	1.5	0.0	44.4
300.0	20.0	1.5	0.0	40.7	320.0	980.0	1.5	0.0	44.0
300.0	40.0	1.5	0.0	41.1	320.0	1000.0	1.5	0.0	43.6
300.0	60.0	1.5	0.0	41.1	340.0	0.0	1.5	0.0	40.8
300.0	80.0	1.5	0.0	41.3	340.0	20.0	1.5	0.0	41.2
300.0	100.0	1.5	0.0	41.2	340.0	40.0	1.5	0.0	41.5
300.0	120.0	1.5	0.0	41.7	340.0	60.0	1.5	0.0	41.7
300.0	140.0	1.5	0.0	42.2	340.0	80.0	1.5	0.0	42.1
300.0	160.0	1.5	0.0	42.7	340.0	100.0	1.5	0.0	42.5
300.0	180.0	1.5	0.0	43.2	340.0	120.0	1.5	0.0	42.9
300.0	200.0	1.5	0.0	43.5	340.0	140.0	1.5	0.0	43.2
300.0	220.0	1.5	0.0	43.8	340.0	160.0	1.5	0.0	43.5
300.0	240.0	1.5	0.0	44.4	340.0	180.0	1.5	0.0	43.6
300.0	260.0	1.5	0.0	45.1	340.0	200.0	1.5	0.0	43.3
300.0	280.0	1.5	0.0	44.9	340.0	220.0	1.5	0.0	43.6
300.0	300.0	1.5	0.0	46.2	340.0	240.0	1.5	0.0	44.2
300.0	320.0	1.5	0.0	47.0	340.0	260.0	1.5	0.0	44.3
300.0	340.0	1.5	0.0	47.7	340.0	280.0	1.5	0.0	44.9
300.0	360.0	1.5	0.0	49.2	340.0	300.0	1.5	0.0	45.6
300.0	380.0	1.5	0.0	50.6	340.0	320.0	1.5	0.0	46.2
300.0	400.0	1.5	0.0	51.9	340.0	340.0	1.5	0.0	47.0
300.0	420.0	1.5	0.0	52.6	340.0	360.0	1.5	0.0	48.6
300.0	440.0	1.5	0.0	52.8	340.0	380.0	1.5	0.0	49.4
300.0	460.0	1.5	0.0	53.5	340.0	400.0	1.5	0.0	50.6
300.0	480.0	1.5	0.0	54.0	340.0	420.0	1.5	0.0	52.4
300.0	498.0	1.5	0.0	54.3	340.0	440.0	1.5	0.0	53.7
300.0	500.0	1.5	0.0	54.3	340.0	460.0	1.5	0.0	55.0
300.0	511.5	1.5	0.0	54.4	340.0	480.0	1.5	0.0	56.5
300.0	516.0	1.5	0.0	54.4	340.0	498.0	1.5	0.0	57.3
300.0	519.5	1.5	0.0	54.4	340.0	500.0	1.5	0.0	57.3
300.0	540.0	1.5	0.0	54.4	340.0	511.5	1.5	0.0	57.5
300.0	542.0	1.5	0.0	54.4	340.0	516.0	1.5	0.0	57.6
300.0	560.0	1.5	0.0	54.1	340.0	519.5	1.5	0.0	57.6
300.0	580.0	1.5	0.0	53.7	340.0	540.0	1.5	0.0	57.4
300.0	600.0	1.5	0.0	53.2	340.0	542.0	1.5	0.0	57.3
300.0	620.0	1.5	0.0	52.7	340.0	560.0	1.5	0.0	56.9
300.0	640.0	1.5	0.0	52.2	340.0	580.0	1.5	0.0	56.2
300.0	660.0	1.5	0.0	51.8	340.0	600.0	1.5	0.0	55.3
300.0	680.0	1.5	0.0	51.2	340.0	620.0	1.5	0.0	54.5
300.0	700.0	1.5	0.0	50.5	340.0	640.0	1.5	0.0	53.6
300.0	720.0	1.5	0.0	49.8	340.0	660.0	1.5	0.0	52.7
300.0	740.0	1.5	0.0	49.2	340.0	680.0	1.5	0.0	51.9
300.0	760.0	1.5	0.0	48.7	340.0	700.0	1.5	0.0	51.2
300.0	780.0	1.5	0.0	48.0	340.0	720.0	1.5	0.0	50.5
300.0	800.0	1.5	0.0	47.5	340.0	740.0	1.5	0.0	50.0
300.0	820.0	1.5	0.0	47.0	340.0	760.0	1.5	0.0	49.4
300.0	840.0	1.5	0.0	46.7	340.0	780.0	1.5	0.0	48.9
300.0	860.0	1.5	0.0	46.3	340.0	800.0	1.5	0.0	48.4
300.0	880.0	1.5	0.0	45.8	340.0	820.0	1.5	0.0	47.9
300.0	900.0	1.5	0.0	45.3	340.0	840.0	1.5	0.0	47.3
300.0	920.0	1.5	0.0	45.1	340.0	860.0	1.5	0.0	46.8
300.0	940.0	1.5	0.0	44.7	340.0	880.0	1.5	0.0	46.3
300.0	960.0	1.5	0.0	44.3	340.0	900.0	1.5	0.0	45.8
300.0	980.0	1.5	0.0	43.9	340.0	920.0	1.5	0.0	45.4
300.0	1000.0	1.5	0.0	43.5	340.0	940.0	1.5	0.0	44.9

340.0	960.0	1.5	0.0	44.5	380.0	900.0	1.5	0.0	45.9
340.0	980.0	1.5	0.0	44.1	380.0	920.0	1.5	0.0	45.4
340.0	1000.0	1.5	0.0	43.7	380.0	940.0	1.5	0.0	45.0
360.0	0.0	1.5	0.0	40.5	380.0	960.0	1.5	0.0	44.5
360.0	20.0	1.5	0.0	40.8	380.0	980.0	1.5	0.0	44.1
360.0	40.0	1.5	0.0	41.1	380.0	1000.0	1.5	0.0	43.7
360.0	60.0	1.5	0.0	41.4	400.0	0.0	1.5	0.0	40.2
360.0	80.0	1.5	0.0	41.8	400.0	20.0	1.5	0.0	40.4
360.0	100.0	1.5	0.0	42.2	400.0	40.0	1.5	0.0	40.7
360.0	120.0	1.5	0.0	43.0	400.0	60.0	1.5	0.0	41.1
360.0	140.0	1.5	0.0	43.5	400.0	80.0	1.5	0.0	41.5
360.0	160.0	1.5	0.0	43.6	400.0	100.0	1.5	0.0	41.9
360.0	180.0	1.5	0.0	43.8	400.0	120.0	1.5	0.0	42.3
360.0	200.0	1.5	0.0	43.8	400.0	140.0	1.5	0.0	42.6
360.0	220.0	1.5	0.0	44.1	400.0	160.0	1.5	0.0	43.1
360.0	240.0	1.5	0.0	44.6	400.0	180.0	1.5	0.0	43.3
360.0	260.0	1.5	0.0	44.4	400.0	200.0	1.5	0.0	43.8
360.0	280.0	1.5	0.0	45.0	400.0	220.0	1.5	0.0	44.1
360.0	300.0	1.5	0.0	45.7	400.0	240.0	1.5	0.0	44.4
360.0	320.0	1.5	0.0	46.3	400.0	260.0	1.5	0.0	45.2
360.0	340.0	1.5	0.0	47.1	400.0	280.0	1.5	0.0	45.8
360.0	360.0	1.5	0.0	48.0	400.0	300.0	1.5	0.0	46.2
360.0	380.0	1.5	0.0	49.0	400.0	320.0	1.5	0.0	47.1
360.0	400.0	1.5	0.0	50.6	400.0	340.0	1.5	0.0	47.5
360.0	420.0	1.5	0.0	51.7	400.0	360.0	1.5	0.0	48.4
360.0	440.0	1.5	0.0	53.8	400.0	380.0	1.5	0.0	49.4
360.0	460.0	1.5	0.0	55.6	400.0	400.0	1.5	0.0	50.7
360.0	480.0	1.5	0.0	56.6	400.0	420.0	1.5	0.0	52.2
360.0	498.0	1.5	0.0	58.4	400.0	440.0	1.5	0.0	54.1
360.0	500.0	1.5	0.0	58.5	400.0	460.0	1.5	0.0	55.9
360.0	511.5	1.5	0.0	59.1	400.0	480.0	1.5	0.0	59.4
360.0	516.0	1.5	0.0	59.6	400.0	498.0	1.5	0.0	62.8
360.0	519.5	1.5	0.0	59.6	400.0	500.0	1.5	0.0	62.9
360.0	540.0	1.5	0.0	59.4	400.0	511.5	1.5	0.0	62.5
360.0	542.0	1.5	0.0	59.3	400.0	516.0	1.5	0.0	61.8
360.0	560.0	1.5	0.0	58.6	400.0	519.5	1.5	0.0	61.4
360.0	580.0	1.5	0.0	57.6	400.0	540.0	1.5	0.0	60.0
360.0	600.0	1.5	0.0	56.5	400.0	542.0	1.5	0.0	59.9
360.0	620.0	1.5	0.0	55.3	400.0	560.0	1.5	0.0	60.8
360.0	640.0	1.5	0.0	54.3	400.0	580.0	1.5	0.0	59.7
360.0	660.0	1.5	0.0	53.2	400.0	600.0	1.5	0.0	58.5
360.0	680.0	1.5	0.0	52.4	400.0	620.0	1.5	0.0	56.8
360.0	700.0	1.5	0.0	51.6	400.0	640.0	1.5	0.0	55.4
360.0	720.0	1.5	0.0	50.9	400.0	660.0	1.5	0.0	54.0
360.0	740.0	1.5	0.0	50.3	400.0	680.0	1.5	0.0	52.9
360.0	760.0	1.5	0.0	49.7	400.0	700.0	1.5	0.0	52.1
360.0	780.0	1.5	0.0	49.0	400.0	720.0	1.5	0.0	51.4
360.0	800.0	1.5	0.0	48.5	400.0	740.0	1.5	0.0	50.6
360.0	820.0	1.5	0.0	48.0	400.0	760.0	1.5	0.0	49.8
360.0	840.0	1.5	0.0	47.5	400.0	780.0	1.5	0.0	49.1
360.0	860.0	1.5	0.0	46.9	400.0	800.0	1.5	0.0	48.5
360.0	880.0	1.5	0.0	46.4	400.0	820.0	1.5	0.0	47.9
360.0	900.0	1.5	0.0	45.9	400.0	840.0	1.5	0.0	47.3
360.0	920.0	1.5	0.0	45.5	400.0	860.0	1.5	0.0	46.8
360.0	940.0	1.5	0.0	44.9	400.0	880.0	1.5	0.0	46.3
360.0	960.0	1.5	0.0	44.4	400.0	900.0	1.5	0.0	46.0
360.0	980.0	1.5	0.0	44.0	400.0	920.0	1.5	0.0	45.5
360.0	1000.0	1.5	0.0	43.6	400.0	940.0	1.5	0.0	45.0
380.0	0.0	1.5	0.0	40.1	400.0	960.0	1.5	0.0	44.6
380.0	20.0	1.5	0.0	40.5	400.0	980.0	1.5	0.0	44.2
380.0	40.0	1.5	0.0	40.7	400.0	1000.0	1.5	0.0	43.8
380.0	60.0	1.5	0.0	41.0	420.0	0.0	1.5	0.0	40.3
380.0	80.0	1.5	0.0	41.4	420.0	20.0	1.5	0.0	40.6
380.0	100.0	1.5	0.0	41.8	420.0	40.0	1.5	0.0	40.8
380.0	120.0	1.5	0.0	42.7	420.0	60.0	1.5	0.0	41.2
380.0	140.0	1.5	0.0	43.2	420.0	80.0	1.5	0.0	41.6
380.0	160.0	1.5	0.0	43.5	420.0	100.0	1.5	0.0	42.0
380.0	180.0	1.5	0.0	43.5	420.0	120.0	1.5	0.0	42.4
380.0	200.0	1.5	0.0	43.8	420.0	140.0	1.5	0.0	42.9
380.0	220.0	1.5	0.0	44.5	420.0	160.0	1.5	0.0	43.4
380.0	240.0	1.5	0.0	44.8	420.0	180.0	1.5	0.0	43.7
380.0	260.0	1.5	0.0	45.2	420.0	200.0	1.5	0.0	44.1
380.0	280.0	1.5	0.0	45.8	420.0	220.0	1.5	0.0	44.1
380.0	300.0	1.5	0.0	45.7	420.0	240.0	1.5	0.0	44.6
380.0	320.0	1.5	0.0	46.4	420.0	260.0	1.5	0.0	45.1
380.0	340.0	1.5	0.0	47.3	420.0	280.0	1.5	0.0	45.5
380.0	360.0	1.5	0.0	48.2	420.0	300.0	1.5	0.0	46.2
380.0	380.0	1.5	0.0	49.2	420.0	320.0	1.5	0.0	46.9
380.0	400.0	1.5	0.0	50.4	420.0	340.0	1.5	0.0	47.7
380.0	420.0	1.5	0.0	51.8	420.0	360.0	1.5	0.0	48.6
380.0	440.0	1.5	0.0	53.6	420.0	380.0	1.5	0.0	49.6
380.0	460.0	1.5	0.0	55.8	420.0	400.0	1.5	0.0	50.8
380.0	480.0	1.5	0.0	58.0	420.0	420.0	1.5	0.0	52.4
380.0	498.0	1.5	0.0	59.4	420.0	440.0	1.5	0.0	53.7
380.0	500.0	1.5	0.0	59.6	420.0	460.0	1.5	0.0	56.4
380.0	511.5	1.5	0.0	60.0	420.0	480.0	1.5	0.0	58.9
380.0	516.0	1.5	0.0	60.0	420.0	498.0	1.5	0.0	-1.0
380.0	519.5	1.5	0.0	60.0	420.0	500.0	1.5	0.0	-1.0
380.0	540.0	1.5	0.0	60.1	420.0	511.5	1.5	0.0	63.0
380.0	542.0	1.5	0.0	60.1	420.0	516.0	1.5	0.0	61.4
380.0	560.0	1.5	0.0	60.3	420.0	519.5	1.5	0.0	60.9
380.0	580.0	1.5	0.0	59.2	420.0	540.0	1.5	0.0	59.1
380.0	600.0	1.5	0.0	57.6	420.0	542.0	1.5	0.0	59.1
380.0	620.0	1.5	0.0	56.2	420.0	560.0	1.5	0.0	59.6
380.0	640.0	1.5	0.0	54.9	420.0	580.0	1.5	0.0	59.0
380.0	660.0	1.5	0.0	53.7	420.0	600.0	1.5	0.0	58.2
380.0	680.0	1.5	0.0	52.7	420.0	620.0	1.5	0.0	56.6
380.0	700.0	1.5	0.0	52.0	420.0	640.0	1.5	0.0	55.6
380.0	720.0	1.5	0.0	51.3	420.0	660.0	1.5	0.0	54.3
380.0	740.0	1.5	0.0	50.6	420.0	680.0	1.5	0.0	53.2
380.0	760.0	1.5	0.0	49.8	420.0	700.0	1.5	0.0	52.3
380.0	780.0	1.5	0.0	49.2	420.0	720.0	1.5	0.0	51.5
380.0	800.0	1.5	0.0	48.4	420.0	740.0	1.5	0.0	50.7
380.0	820.0	1.5	0.0	47.8	420.0	760.0	1.5	0.0	49.9
380.0	840.0	1.5	0.0	47.3	420.0	780.0	1.5	0.0	49.2
380.0	860.0	1.5	0.0	46.9	420.0	800.0	1.5	0.0	48.5
380.0	880.0	1.5	0.0	46.4	420.0	820.0	1.5	0.0	47.9

420.0	840.0	1.5	0.0	47.3	433.0	780.0	1.5	0.0	49.2
420.0	860.0	1.5	0.0	46.8	433.0	800.0	1.5	0.0	48.5
420.0	880.0	1.5	0.0	46.3	433.0	820.0	1.5	0.0	47.9
420.0	900.0	1.5	0.0	45.8	433.0	840.0	1.5	0.0	47.3
420.0	920.0	1.5	0.0	45.4	433.0	860.0	1.5	0.0	46.8
420.0	940.0	1.5	0.0	45.0	433.0	880.0	1.5	0.0	46.3
420.0	960.0	1.5	0.0	44.6	433.0	900.0	1.5	0.0	45.8
420.0	980.0	1.5	0.0	44.2	433.0	920.0	1.5	0.0	45.3
420.0	1000.0	1.5	0.0	43.8	433.0	940.0	1.5	0.0	44.9
426.0	0.0	1.5	0.0	40.3	433.0	960.0	1.5	0.0	44.6
426.0	20.0	1.5	0.0	40.5	433.0	980.0	1.5	0.0	44.2
426.0	40.0	1.5	0.0	40.9	433.0	1000.0	1.5	0.0	43.8
426.0	60.0	1.5	0.0	41.3	440.0	0.0	1.5	0.0	40.4
426.0	80.0	1.5	0.0	41.6	440.0	20.0	1.5	0.0	40.7
426.0	100.0	1.5	0.0	42.1	440.0	40.0	1.5	0.0	41.0
426.0	120.0	1.5	0.0	42.5	440.0	60.0	1.5	0.0	41.4
426.0	140.0	1.5	0.0	42.9	440.0	80.0	1.5	0.0	41.8
426.0	160.0	1.5	0.0	43.4	440.0	100.0	1.5	0.0	42.1
426.0	180.0	1.5	0.0	44.0	440.0	120.0	1.5	0.0	42.6
426.0	200.0	1.5	0.0	44.2	440.0	140.0	1.5	0.0	43.0
426.0	220.0	1.5	0.0	44.2	440.0	160.0	1.5	0.0	43.6
426.0	240.0	1.5	0.0	44.7	440.0	180.0	1.5	0.0	44.1
426.0	260.0	1.5	0.0	45.2	440.0	200.0	1.5	0.0	44.4
426.0	280.0	1.5	0.0	45.6	440.0	220.0	1.5	0.0	44.6
426.0	300.0	1.5	0.0	46.2	440.0	240.0	1.5	0.0	44.8
426.0	320.0	1.5	0.0	46.9	440.0	260.0	1.5	0.0	45.4
426.0	340.0	1.5	0.0	47.7	440.0	280.0	1.5	0.0	45.8
426.0	360.0	1.5	0.0	48.6	440.0	300.0	1.5	0.0	46.4
426.0	380.0	1.5	0.0	49.6	440.0	320.0	1.5	0.0	47.0
426.0	400.0	1.5	0.0	50.9	440.0	340.0	1.5	0.0	47.8
426.0	420.0	1.5	0.0	52.5	440.0	360.0	1.5	0.0	48.7
426.0	440.0	1.5	0.0	53.8	440.0	380.0	1.5	0.0	49.7
426.0	460.0	1.5	0.0	56.4	440.0	400.0	1.5	0.0	51.0
426.0	480.0	1.5	0.0	58.0	440.0	420.0	1.5	0.0	52.5
426.0	498.0	1.5	0.0	-1.0	440.0	440.0	1.5	0.0	54.7
426.0	500.0	1.5	0.0	-1.0	440.0	460.0	1.5	0.0	55.8
426.0	511.5	1.5	0.0	-1.0	440.0	480.0	1.5	0.0	54.6
426.0	516.0	1.5	0.0	60.5	440.0	498.0	1.5	0.0	-1.0
426.0	519.5	1.5	0.0	59.9	440.0	500.0	1.5	0.0	-1.0
426.0	540.0	1.5	0.0	58.6	440.0	511.5	1.5	0.0	-1.0
426.0	542.0	1.5	0.0	58.7	440.0	516.0	1.5	0.0	-1.0
426.0	560.0	1.5	0.0	60.1	440.0	519.5	1.5	0.0	-1.0
426.0	580.0	1.5	0.0	58.9	440.0	540.0	1.5	0.0	-1.0
426.0	600.0	1.5	0.0	57.3	440.0	542.0	1.5	0.0	58.5
426.0	620.0	1.5	0.0	56.5	440.0	560.0	1.5	0.0	60.1
426.0	640.0	1.5	0.0	55.1	440.0	580.0	1.5	0.0	60.0
426.0	660.0	1.5	0.0	54.3	440.0	600.0	1.5	0.0	56.6
426.0	680.0	1.5	0.0	53.3	440.0	620.0	1.5	0.0	55.4
426.0	700.0	1.5	0.0	52.4	440.0	640.0	1.5	0.0	54.9
426.0	720.0	1.5	0.0	51.6	440.0	660.0	1.5	0.0	53.8
426.0	740.0	1.5	0.0	50.7	440.0	680.0	1.5	0.0	53.4
426.0	760.0	1.5	0.0	49.9	440.0	700.0	1.5	0.0	52.4
426.0	780.0	1.5	0.0	49.2	440.0	720.0	1.5	0.0	51.6
426.0	800.0	1.5	0.0	48.5	440.0	740.0	1.5	0.0	50.7
426.0	820.0	1.5	0.0	47.9	440.0	760.0	1.5	0.0	49.9
426.0	840.0	1.5	0.0	47.3	440.0	780.0	1.5	0.0	49.2
426.0	860.0	1.5	0.0	46.8	440.0	800.0	1.5	0.0	48.5
426.0	880.0	1.5	0.0	46.3	440.0	820.0	1.5	0.0	47.9
426.0	900.0	1.5	0.0	45.8	440.0	840.0	1.5	0.0	47.3
426.0	920.0	1.5	0.0	45.3	440.0	860.0	1.5	0.0	46.8
426.0	940.0	1.5	0.0	45.0	440.0	880.0	1.5	0.0	46.2
426.0	960.0	1.5	0.0	44.6	440.0	900.0	1.5	0.0	45.8
426.0	980.0	1.5	0.0	44.2	440.0	920.0	1.5	0.0	45.3
426.0	1000.0	1.5	0.0	43.8	440.0	940.0	1.5	0.0	44.9
433.0	0.0	1.5	0.0	40.3	440.0	960.0	1.5	0.0	44.5
433.0	20.0	1.5	0.0	40.6	440.0	980.0	1.5	0.0	44.2
433.0	40.0	1.5	0.0	40.9	440.0	1000.0	1.5	0.0	43.8
433.0	60.0	1.5	0.0	41.3	442.0	0.0	1.5	0.0	40.4
433.0	80.0	1.5	0.0	41.7	442.0	20.0	1.5	0.0	40.7
433.0	100.0	1.5	0.0	42.1	442.0	40.0	1.5	0.0	40.9
433.0	120.0	1.5	0.0	42.5	442.0	60.0	1.5	0.0	41.4
433.0	140.0	1.5	0.0	43.0	442.0	80.0	1.5	0.0	41.7
433.0	160.0	1.5	0.0	43.5	442.0	100.0	1.5	0.0	42.1
433.0	180.0	1.5	0.0	44.0	442.0	120.0	1.5	0.0	42.6
433.0	200.0	1.5	0.0	44.5	442.0	140.0	1.5	0.0	43.1
433.0	220.0	1.5	0.0	44.2	442.0	160.0	1.5	0.0	43.6
433.0	240.0	1.5	0.0	44.7	442.0	180.0	1.5	0.0	44.1
433.0	260.0	1.5	0.0	45.3	442.0	200.0	1.5	0.0	44.4
433.0	280.0	1.5	0.0	45.7	442.0	220.0	1.5	0.0	44.6
433.0	300.0	1.5	0.0	46.3	442.0	240.0	1.5	0.0	44.8
433.0	320.0	1.5	0.0	47.0	442.0	260.0	1.5	0.0	45.4
433.0	340.0	1.5	0.0	47.8	442.0	280.0	1.5	0.0	45.8
433.0	360.0	1.5	0.0	48.7	442.0	300.0	1.5	0.0	46.4
433.0	380.0	1.5	0.0	49.7	442.0	320.0	1.5	0.0	47.1
433.0	400.0	1.5	0.0	50.9	442.0	340.0	1.5	0.0	47.8
433.0	420.0	1.5	0.0	52.5	442.0	360.0	1.5	0.0	48.7
433.0	440.0	1.5	0.0	54.0	442.0	380.0	1.5	0.0	49.8
433.0	460.0	1.5	0.0	56.2	442.0	400.0	1.5	0.0	51.0
433.0	480.0	1.5	0.0	56.4	442.0	420.0	1.5	0.0	52.6
433.0	498.0	1.5	0.0	54.7	442.0	440.0	1.5	0.0	54.9
433.0	500.0	1.5	0.0	-1.0	442.0	460.0	1.5	0.0	55.8
433.0	511.5	1.5	0.0	-1.0	442.0	480.0	1.5	0.0	54.6
433.0	516.0	1.5	0.0	-1.0	442.0	498.0	1.5	0.0	-1.0
433.0	519.5	1.5	0.0	-1.0	442.0	500.0	1.5	0.0	-1.0
433.0	540.0	1.5	0.0	58.2	442.0	511.5	1.5	0.0	-1.0
433.0	542.0	1.5	0.0	58.3	442.0	516.0	1.5	0.0	-1.0
433.0	560.0	1.5	0.0	60.1	442.0	519.5	1.5	0.0	-1.0
433.0	580.0	1.5	0.0	58.9	442.0	540.0	1.5	0.0	-1.0
433.0	600.0	1.5	0.0	57.0	442.0	542.0	1.5	0.0	57.2
433.0	620.0	1.5	0.0	55.7	442.0	560.0	1.5	0.0	60.2
433.0	640.0	1.5	0.0	55.1	442.0	580.0	1.5	0.0	60.7
433.0	660.0	1.5	0.0	54.4	442.0	600.0	1.5	0.0	56.5
433.0	680.0	1.5	0.0	53.3	442.0	620.0	1.5	0.0	55.2
433.0	700.0	1.5	0.0	52.4	442.0	640.0	1.5	0.0	54.2
433.0	720.0	1.5	0.0	51.6	442.0	660.0	1.5	0.0	53.8
433.0	740.0	1.5	0.0	50.7	442.0	680.0	1.5	0.0	53.4
433.0	760.0	1.5	0.0	49.9	442.0	700.0	1.5	0.0	52.4

442.0	720.0	1.5	0.0	51.6	460.0	660.0	1.5	0.0	53.0
442.0	740.0	1.5	0.0	50.7	460.0	680.0	1.5	0.0	53.1
442.0	760.0	1.5	0.0	49.9	460.0	700.0	1.5	0.0	52.5
442.0	780.0	1.5	0.0	49.2	460.0	720.0	1.5	0.0	52.1
442.0	800.0	1.5	0.0	48.5	460.0	740.0	1.5	0.0	51.7
442.0	820.0	1.5	0.0	47.9	460.0	760.0	1.5	0.0	50.9
442.0	840.0	1.5	0.0	47.3	460.0	780.0	1.5	0.0	49.0
442.0	860.0	1.5	0.0	46.8	460.0	800.0	1.5	0.0	48.3
442.0	880.0	1.5	0.0	46.2	460.0	820.0	1.5	0.0	47.8
442.0	900.0	1.5	0.0	45.8	460.0	840.0	1.5	0.0	47.2
442.0	920.0	1.5	0.0	45.3	460.0	860.0	1.5	0.0	46.6
442.0	940.0	1.5	0.0	44.9	460.0	880.0	1.5	0.0	46.1
442.0	960.0	1.5	0.0	44.5	460.0	900.0	1.5	0.0	45.6
442.0	980.0	1.5	0.0	44.2	460.0	920.0	1.5	0.0	45.1
442.0	1000.0	1.5	0.0	43.8	460.0	940.0	1.5	0.0	44.7
453.5	0.0	1.5	0.0	40.4	460.0	960.0	1.5	0.0	44.3
453.5	20.0	1.5	0.0	40.7	460.0	980.0	1.5	0.0	43.8
453.5	40.0	1.5	0.0	41.1	460.0	1000.0	1.5	0.0	43.4
453.5	60.0	1.5	0.0	41.5	480.0	0.0	1.5	0.0	40.6
453.5	80.0	1.5	0.0	41.9	480.0	20.0	1.5	0.0	41.0
453.5	100.0	1.5	0.0	42.3	480.0	40.0	1.5	0.0	41.4
453.5	120.0	1.5	0.0	42.7	480.0	60.0	1.5	0.0	41.8
453.5	140.0	1.5	0.0	43.2	480.0	80.0	1.5	0.0	42.1
453.5	160.0	1.5	0.0	43.7	480.0	100.0	1.5	0.0	42.5
453.5	180.0	1.5	0.0	44.2	480.0	120.0	1.5	0.0	43.0
453.5	200.0	1.5	0.0	44.1	480.0	140.0	1.5	0.0	43.5
453.5	220.0	1.5	0.0	44.6	480.0	160.0	1.5	0.0	44.0
453.5	240.0	1.5	0.0	45.2	480.0	180.0	1.5	0.0	44.1
453.5	260.0	1.5	0.0	45.4	480.0	200.0	1.5	0.0	44.0
453.5	280.0	1.5	0.0	45.9	480.0	220.0	1.5	0.0	44.6
453.5	300.0	1.5	0.0	46.5	480.0	240.0	1.5	0.0	45.1
453.5	320.0	1.5	0.0	47.2	480.0	260.0	1.5	0.0	45.7
453.5	340.0	1.5	0.0	47.9	480.0	280.0	1.5	0.0	46.3
453.5	360.0	1.5	0.0	48.8	480.0	300.0	1.5	0.0	47.0
453.5	380.0	1.5	0.0	49.8	480.0	320.0	1.5	0.0	47.3
453.5	400.0	1.5	0.0	51.0	480.0	340.0	1.5	0.0	48.6
453.5	420.0	1.5	0.0	52.6	480.0	360.0	1.5	0.0	49.3
453.5	440.0	1.5	0.0	56.4	480.0	380.0	1.5	0.0	50.3
453.5	460.0	1.5	0.0	56.0	480.0	400.0	1.5	0.0	51.3
453.5	480.0	1.5	0.0	54.2	480.0	420.0	1.5	0.0	52.3
453.5	498.0	1.5	0.0	-1.0	480.0	440.0	1.5	0.0	53.3
453.5	500.0	1.5	0.0	-1.0	480.0	460.0	1.5	0.0	55.7
453.5	511.5	1.5	0.0	-1.0	480.0	480.0	1.5	0.0	56.0
453.5	516.0	1.5	0.0	-1.0	480.0	498.0	1.5	0.0	55.6
453.5	519.5	1.5	0.0	-1.0	480.0	500.0	1.5	0.0	57.5
453.5	540.0	1.5	0.0	-1.0	480.0	511.5	1.5	0.0	55.5
453.5	542.0	1.5	0.0	-1.0	480.0	516.0	1.5	0.0	55.2
453.5	560.0	1.5	0.0	60.3	480.0	519.5	1.5	0.0	55.1
453.5	580.0	1.5	0.0	60.6	480.0	540.0	1.5	0.0	56.2
453.5	600.0	1.5	0.0	55.6	480.0	542.0	1.5	0.0	58.0
453.5	620.0	1.5	0.0	54.6	480.0	560.0	1.5	0.0	58.3
453.5	640.0	1.5	0.0	54.0	480.0	580.0	1.5	0.0	55.5
453.5	660.0	1.5	0.0	53.4	480.0	600.0	1.5	0.0	54.4
453.5	680.0	1.5	0.0	53.3	480.0	620.0	1.5	0.0	53.6
453.5	700.0	1.5	0.0	53.0	480.0	640.0	1.5	0.0	52.8
453.5	720.0	1.5	0.0	51.5	480.0	660.0	1.5	0.0	52.3
453.5	740.0	1.5	0.0	50.6	480.0	680.0	1.5	0.0	51.6
453.5	760.0	1.5	0.0	49.8	480.0	700.0	1.5	0.0	51.3
453.5	780.0	1.5	0.0	49.1	480.0	720.0	1.5	0.0	51.3
453.5	800.0	1.5	0.0	48.4	480.0	740.0	1.5	0.0	51.1
453.5	820.0	1.5	0.0	47.8	480.0	760.0	1.5	0.0	50.4
453.5	840.0	1.5	0.0	47.2	480.0	780.0	1.5	0.0	50.1
453.5	860.0	1.5	0.0	46.6	480.0	800.0	1.5	0.0	49.4
453.5	880.0	1.5	0.0	46.1	480.0	820.0	1.5	0.0	48.8
453.5	900.0	1.5	0.0	45.6	480.0	840.0	1.5	0.0	48.2
453.5	920.0	1.5	0.0	45.1	480.0	860.0	1.5	0.0	47.6
453.5	940.0	1.5	0.0	44.7	480.0	880.0	1.5	0.0	47.1
453.5	960.0	1.5	0.0	44.3	480.0	900.0	1.5	0.0	46.6
453.5	980.0	1.5	0.0	43.9	480.0	920.0	1.5	0.0	46.1
453.5	1000.0	1.5	0.0	43.5	480.0	940.0	1.5	0.0	44.5
460.0	0.0	1.5	0.0	40.5	480.0	960.0	1.5	0.0	44.1
460.0	20.0	1.5	0.0	40.9	480.0	980.0	1.5	0.0	43.6
460.0	40.0	1.5	0.0	41.1	480.0	1000.0	1.5	0.0	43.2
460.0	60.0	1.5	0.0	41.5	500.0	0.0	1.5	0.0	40.7
460.0	80.0	1.5	0.0	41.9	500.0	20.0	1.5	0.0	41.1
460.0	100.0	1.5	0.0	42.3	500.0	40.0	1.5	0.0	41.5
460.0	120.0	1.5	0.0	42.8	500.0	60.0	1.5	0.0	41.9
460.0	140.0	1.5	0.0	43.2	500.0	80.0	1.5	0.0	42.4
460.0	160.0	1.5	0.0	43.7	500.0	100.0	1.5	0.0	42.8
460.0	180.0	1.5	0.0	44.3	500.0	120.0	1.5	0.0	43.2
460.0	200.0	1.5	0.0	44.1	500.0	140.0	1.5	0.0	43.6
460.0	220.0	1.5	0.0	44.6	500.0	160.0	1.5	0.0	44.1
460.0	240.0	1.5	0.0	45.2	500.0	180.0	1.5	0.0	43.7
460.0	260.0	1.5	0.0	45.7	500.0	200.0	1.5	0.0	44.2
460.0	280.0	1.5	0.0	45.9	500.0	220.0	1.5	0.0	44.5
460.0	300.0	1.5	0.0	46.5	500.0	240.0	1.5	0.0	45.0
460.0	320.0	1.5	0.0	47.2	500.0	260.0	1.5	0.0	46.3
460.0	340.0	1.5	0.0	47.9	500.0	280.0	1.5	0.0	46.8
460.0	360.0	1.5	0.0	48.8	500.0	300.0	1.5	0.0	47.5
460.0	380.0	1.5	0.0	49.8	500.0	320.0	1.5	0.0	48.6
460.0	400.0	1.5	0.0	51.0	500.0	340.0	1.5	0.0	49.3
460.0	420.0	1.5	0.0	52.3	500.0	360.0	1.5	0.0	49.9
460.0	440.0	1.5	0.0	54.3	500.0	380.0	1.5	0.0	50.4
460.0	460.0	1.5	0.0	55.6	500.0	400.0	1.5	0.0	51.2
460.0	480.0	1.5	0.0	57.8	500.0	420.0	1.5	0.0	51.9
460.0	498.0	1.5	0.0	54.2	500.0	440.0	1.5	0.0	53.6
460.0	500.0	1.5	0.0	54.2	500.0	460.0	1.5	0.0	52.9
460.0	511.5	1.5	0.0	-1.0	500.0	480.0	1.5	0.0	54.6
460.0	516.0	1.5	0.0	-1.0	500.0	498.0	1.5	0.0	54.5
460.0	519.5	1.5	0.0	-1.0	500.0	500.0	1.5	0.0	54.7
460.0	540.0	1.5	0.0	-1.0	500.0	511.5	1.5	0.0	55.6
460.0	542.0	1.5	0.0	-1.0	500.0	516.0	1.5	0.0	55.8
460.0	560.0	1.5	0.0	59.5	500.0	519.5	1.5	0.0	56.0
460.0	580.0	1.5	0.0	58.2	500.0	540.0	1.5	0.0	56.9
460.0	600.0	1.5	0.0	55.2	500.0	542.0	1.5	0.0	56.5
460.0	620.0	1.5	0.0	54.0	500.0	560.0	1.5	0.0	55.0
460.0	640.0	1.5	0.0	53.4	500.0	580.0	1.5	0.0	53.8

500.0	600.0	1.5	0.0	53.5	540.0	542.0	1.5	0.0	52.4
500.0	620.0	1.5	0.0	52.7	540.0	560.0	1.5	0.0	51.7
500.0	640.0	1.5	0.0	52.2	540.0	580.0	1.5	0.0	52.0
500.0	660.0	1.5	0.0	51.9	540.0	600.0	1.5	0.0	51.7
500.0	680.0	1.5	0.0	51.3	540.0	620.0	1.5	0.0	51.4
500.0	700.0	1.5	0.0	51.0	540.0	640.0	1.5	0.0	51.1
500.0	720.0	1.5	0.0	50.7	540.0	660.0	1.5	0.0	50.8
500.0	740.0	1.5	0.0	51.2	540.0	680.0	1.5	0.0	50.4
500.0	760.0	1.5	0.0	50.1	540.0	700.0	1.5	0.0	49.9
500.0	780.0	1.5	0.0	49.5	540.0	720.0	1.5	0.0	51.1
500.0	800.0	1.5	0.0	49.0	540.0	740.0	1.5	0.0	50.4
500.0	820.0	1.5	0.0	48.7	540.0	760.0	1.5	0.0	49.8
500.0	840.0	1.5	0.0	48.1	540.0	780.0	1.5	0.0	49.3
500.0	860.0	1.5	0.0	47.6	540.0	800.0	1.5	0.0	48.9
500.0	880.0	1.5	0.0	47.0	540.0	820.0	1.5	0.0	48.4
500.0	900.0	1.5	0.0	46.6	540.0	840.0	1.5	0.0	48.0
500.0	920.0	1.5	0.0	46.1	540.0	860.0	1.5	0.0	47.6
500.0	940.0	1.5	0.0	45.6	540.0	880.0	1.5	0.0	46.5
500.0	960.0	1.5	0.0	45.2	540.0	900.0	1.5	0.0	46.4
500.0	980.0	1.5	0.0	44.8	540.0	920.0	1.5	0.0	46.0
500.0	1000.0	1.5	0.0	44.4	540.0	940.0	1.5	0.0	45.6
520.0	0.0	1.5	0.0	40.8	540.0	960.0	1.5	0.0	45.2
520.0	20.0	1.5	0.0	41.2	540.0	980.0	1.5	0.0	44.7
520.0	40.0	1.5	0.0	41.6	540.0	1000.0	1.5	0.0	44.3
520.0	60.0	1.5	0.0	42.0	560.0	0.0	1.5	0.0	41.8
520.0	80.0	1.5	0.0	42.4	560.0	20.0	1.5	0.0	42.2
520.0	100.0	1.5	0.0	42.9	560.0	40.0	1.5	0.0	42.6
520.0	120.0	1.5	0.0	43.4	560.0	60.0	1.5	0.0	42.9
520.0	140.0	1.5	0.0	43.8	560.0	80.0	1.5	0.0	43.3
520.0	160.0	1.5	0.0	45.1	560.0	100.0	1.5	0.0	43.8
520.0	180.0	1.5	0.0	44.7	560.0	120.0	1.5	0.0	44.9
520.0	200.0	1.5	0.0	45.1	560.0	140.0	1.5	0.0	45.4
520.0	220.0	1.5	0.0	45.2	560.0	160.0	1.5	0.0	45.8
520.0	240.0	1.5	0.0	45.7	560.0	180.0	1.5	0.0	45.9
520.0	260.0	1.5	0.0	46.7	560.0	200.0	1.5	0.0	46.3
520.0	280.0	1.5	0.0	47.3	560.0	220.0	1.5	0.0	46.3
520.0	300.0	1.5	0.0	47.8	560.0	240.0	1.5	0.0	46.4
520.0	320.0	1.5	0.0	48.4	560.0	260.0	1.5	0.0	46.7
520.0	340.0	1.5	0.0	49.1	560.0	280.0	1.5	0.0	47.0
520.0	360.0	1.5	0.0	49.8	560.0	300.0	1.5	0.0	47.4
520.0	380.0	1.5	0.0	50.6	560.0	320.0	1.5	0.0	48.0
520.0	400.0	1.5	0.0	51.4	560.0	340.0	1.5	0.0	48.5
520.0	420.0	1.5	0.0	52.4	560.0	360.0	1.5	0.0	49.1
520.0	440.0	1.5	0.0	51.6	560.0	380.0	1.5	0.0	50.2
520.0	460.0	1.5	0.0	52.3	560.0	400.0	1.5	0.0	49.8
520.0	480.0	1.5	0.0	52.5	560.0	420.0	1.5	0.0	50.5
520.0	498.0	1.5	0.0	54.7	560.0	440.0	1.5	0.0	51.2
520.0	500.0	1.5	0.0	55.1	560.0	460.0	1.5	0.0	51.4
520.0	511.5	1.5	0.0	54.7	560.0	480.0	1.5	0.0	51.7
520.0	516.0	1.5	0.0	54.8	560.0	498.0	1.5	0.0	51.6
520.0	519.5	1.5	0.0	55.2	560.0	500.0	1.5	0.0	51.6
520.0	540.0	1.5	0.0	54.1	560.0	511.5	1.5	0.0	51.8
520.0	542.0	1.5	0.0	54.1	560.0	516.0	1.5	0.0	51.7
520.0	560.0	1.5	0.0	53.0	560.0	519.5	1.5	0.0	51.7
520.0	580.0	1.5	0.0	52.7	560.0	540.0	1.5	0.0	51.4
520.0	600.0	1.5	0.0	52.5	560.0	542.0	1.5	0.0	51.4
520.0	620.0	1.5	0.0	52.1	560.0	560.0	1.5	0.0	50.9
520.0	640.0	1.5	0.0	51.6	560.0	580.0	1.5	0.0	50.9
520.0	660.0	1.5	0.0	51.3	560.0	600.0	1.5	0.0	51.0
520.0	680.0	1.5	0.0	51.0	560.0	620.0	1.5	0.0	50.8
520.0	700.0	1.5	0.0	50.4	560.0	640.0	1.5	0.0	50.6
520.0	720.0	1.5	0.0	50.7	560.0	660.0	1.5	0.0	50.3
520.0	740.0	1.5	0.0	50.8	560.0	680.0	1.5	0.0	50.0
520.0	760.0	1.5	0.0	50.2	560.0	700.0	1.5	0.0	50.0
520.0	780.0	1.5	0.0	49.8	560.0	720.0	1.5	0.0	50.6
520.0	800.0	1.5	0.0	49.3	560.0	740.0	1.5	0.0	50.1
520.0	820.0	1.5	0.0	48.2	560.0	760.0	1.5	0.0	49.5
520.0	840.0	1.5	0.0	47.7	560.0	780.0	1.5	0.0	49.0
520.0	860.0	1.5	0.0	47.6	560.0	800.0	1.5	0.0	48.5
520.0	880.0	1.5	0.0	47.1	560.0	820.0	1.5	0.0	48.1
520.0	900.0	1.5	0.0	46.5	560.0	840.0	1.5	0.0	47.6
520.0	920.0	1.5	0.0	46.0	560.0	860.0	1.5	0.0	47.3
520.0	940.0	1.5	0.0	45.5	560.0	880.0	1.5	0.0	46.9
520.0	960.0	1.5	0.0	45.1	560.0	900.0	1.5	0.0	47.2
520.0	980.0	1.5	0.0	44.7	560.0	920.0	1.5	0.0	46.7
520.0	1000.0	1.5	0.0	44.3	560.0	940.0	1.5	0.0	46.3
540.0	0.0	1.5	0.0	40.9	560.0	960.0	1.5	0.0	45.0
540.0	20.0	1.5	0.0	41.3	560.0	980.0	1.5	0.0	44.6
540.0	40.0	1.5	0.0	41.6	560.0	1000.0	1.5	0.0	44.3
540.0	60.0	1.5	0.0	42.1	580.0	0.0	1.5	0.0	41.8
540.0	80.0	1.5	0.0	43.4	580.0	20.0	1.5	0.0	42.1
540.0	100.0	1.5	0.0	43.8	580.0	40.0	1.5	0.0	42.5
540.0	120.0	1.5	0.0	44.3	580.0	60.0	1.5	0.0	43.6
540.0	140.0	1.5	0.0	44.7	580.0	80.0	1.5	0.0	44.0
540.0	160.0	1.5	0.0	44.9	580.0	100.0	1.5	0.0	44.4
540.0	180.0	1.5	0.0	45.7	580.0	120.0	1.5	0.0	44.8
540.0	200.0	1.5	0.0	45.7	580.0	140.0	1.5	0.0	45.2
540.0	220.0	1.5	0.0	45.9	580.0	160.0	1.5	0.0	45.7
540.0	240.0	1.5	0.0	46.3	580.0	180.0	1.5	0.0	46.1
540.0	260.0	1.5	0.0	46.6	580.0	200.0	1.5	0.0	46.5
540.0	280.0	1.5	0.0	47.0	580.0	220.0	1.5	0.0	46.6
540.0	300.0	1.5	0.0	47.6	580.0	240.0	1.5	0.0	47.1
540.0	320.0	1.5	0.0	48.2	580.0	260.0	1.5	0.0	46.9
540.0	340.0	1.5	0.0	48.8	580.0	280.0	1.5	0.0	47.2
540.0	360.0	1.5	0.0	49.5	580.0	300.0	1.5	0.0	47.4
540.0	380.0	1.5	0.0	50.2	580.0	320.0	1.5	0.0	47.8
540.0	400.0	1.5	0.0	51.4	580.0	340.0	1.5	0.0	48.2
540.0	420.0	1.5	0.0	51.1	580.0	360.0	1.5	0.0	49.1
540.0	440.0	1.5	0.0	51.8	580.0	380.0	1.5	0.0	48.7
540.0	460.0	1.5	0.0	51.8	580.0	400.0	1.5	0.0	49.3
540.0	480.0	1.5	0.0	51.5	580.0	420.0	1.5	0.0	49.8
540.0	498.0	1.5	0.0	52.2	580.0	440.0	1.5	0.0	50.4
540.0	500.0	1.5	0.0	52.3	580.0	460.0	1.5	0.0	50.6
540.0	511.5	1.5	0.0	52.6	580.0	480.0	1.5	0.0	50.8
540.0	516.0	1.5	0.0	52.6	580.0	498.0	1.5	0.0	51.1
540.0	519.5	1.5	0.0	52.8	580.0	500.0	1.5	0.0	51.1
540.0	540.0	1.5	0.0	52.5	580.0	511.5	1.5	0.0	51.4

580.0	516.0	1.5	0.0	51.4	620.0	498.0	1.5	0.0	49.4
580.0	519.5	1.5	0.0	51.4	620.0	500.0	1.5	0.0	49.4
580.0	540.0	1.5	0.0	50.8	620.0	511.5	1.5	0.0	49.5
580.0	542.0	1.5	0.0	50.8	620.0	516.0	1.5	0.0	49.5
580.0	560.0	1.5	0.0	50.5	620.0	519.5	1.5	0.0	49.5
580.0	580.0	1.5	0.0	49.9	620.0	540.0	1.5	0.0	49.4
580.0	600.0	1.5	0.0	50.5	620.0	542.0	1.5	0.0	49.4
580.0	620.0	1.5	0.0	50.2	620.0	560.0	1.5	0.0	49.4
580.0	640.0	1.5	0.0	50.1	620.0	580.0	1.5	0.0	49.0
580.0	660.0	1.5	0.0	49.9	620.0	600.0	1.5	0.0	48.8
580.0	680.0	1.5	0.0	49.7	620.0	620.0	1.5	0.0	49.1
580.0	700.0	1.5	0.0	50.3	620.0	640.0	1.5	0.0	49.2
580.0	720.0	1.5	0.0	50.2	620.0	660.0	1.5	0.0	49.1
580.0	740.0	1.5	0.0	49.6	620.0	680.0	1.5	0.0	49.8
580.0	760.0	1.5	0.0	49.2	620.0	700.0	1.5	0.0	49.8
580.0	780.0	1.5	0.0	48.7	620.0	720.0	1.5	0.0	49.3
580.0	800.0	1.5	0.0	48.2	620.0	740.0	1.5	0.0	48.9
580.0	820.0	1.5	0.0	47.8	620.0	760.0	1.5	0.0	48.4
580.0	840.0	1.5	0.0	47.3	620.0	780.0	1.5	0.0	47.9
580.0	860.0	1.5	0.0	46.9	620.0	800.0	1.5	0.0	47.5
580.0	880.0	1.5	0.0	46.6	620.0	820.0	1.5	0.0	47.1
580.0	900.0	1.5	0.0	47.0	620.0	840.0	1.5	0.0	46.7
580.0	920.0	1.5	0.0	46.6	620.0	860.0	1.5	0.0	46.3
580.0	940.0	1.5	0.0	46.2	620.0	880.0	1.5	0.0	47.0
580.0	960.0	1.5	0.0	45.8	620.0	900.0	1.5	0.0	46.6
580.0	980.0	1.5	0.0	45.4	620.0	920.0	1.5	0.0	46.2
580.0	1000.0	1.5	0.0	45.1	620.0	940.0	1.5	0.0	45.8
600.0	0.0	1.5	0.0	42.4	620.0	960.0	1.5	0.0	45.5
600.0	20.0	1.5	0.0	42.8	620.0	980.0	1.5	0.0	45.1
600.0	40.0	1.5	0.0	43.1	620.0	1000.0	1.5	0.0	44.7
600.0	60.0	1.5	0.0	43.5	640.0	0.0	1.5	0.0	42.2
600.0	80.0	1.5	0.0	43.9	640.0	20.0	1.5	0.0	42.5
600.0	100.0	1.5	0.0	44.3	640.0	40.0	1.5	0.0	42.8
600.0	120.0	1.5	0.0	44.7	640.0	60.0	1.5	0.0	43.1
600.0	140.0	1.5	0.0	45.0	640.0	80.0	1.5	0.0	43.5
600.0	160.0	1.5	0.0	45.4	640.0	100.0	1.5	0.0	43.9
600.0	180.0	1.5	0.0	45.9	640.0	120.0	1.5	0.0	44.2
600.0	200.0	1.5	0.0	46.3	640.0	140.0	1.5	0.0	44.6
600.0	220.0	1.5	0.0	46.8	640.0	160.0	1.5	0.0	45.0
600.0	240.0	1.5	0.0	47.3	640.0	180.0	1.5	0.0	45.4
600.0	260.0	1.5	0.0	47.3	640.0	200.0	1.5	0.0	45.8
600.0	280.0	1.5	0.0	47.8	640.0	220.0	1.5	0.0	46.2
600.0	300.0	1.5	0.0	47.6	640.0	240.0	1.5	0.0	46.7
600.0	320.0	1.5	0.0	47.8	640.0	260.0	1.5	0.0	47.1
600.0	340.0	1.5	0.0	48.4	640.0	280.0	1.5	0.0	47.8
600.0	360.0	1.5	0.0	48.3	640.0	300.0	1.5	0.0	48.3
600.0	380.0	1.5	0.0	48.2	640.0	320.0	1.5	0.0	48.7
600.0	400.0	1.5	0.0	48.6	640.0	340.0	1.5	0.0	48.6
600.0	420.0	1.5	0.0	49.1	640.0	360.0	1.5	0.0	48.5
600.0	440.0	1.5	0.0	49.6	640.0	380.0	1.5	0.0	48.6
600.0	460.0	1.5	0.0	49.7	640.0	400.0	1.5	0.0	47.9
600.0	480.0	1.5	0.0	50.0	640.0	420.0	1.5	0.0	48.0
600.0	498.0	1.5	0.0	50.3	640.0	440.0	1.5	0.0	47.8
600.0	500.0	1.5	0.0	50.3	640.0	460.0	1.5	0.0	48.0
600.0	511.5	1.5	0.0	50.4	640.0	480.0	1.5	0.0	48.3
600.0	516.0	1.5	0.0	50.4	640.0	498.0	1.5	0.0	48.6
600.0	519.5	1.5	0.0	50.4	640.0	500.0	1.5	0.0	48.6
600.0	540.0	1.5	0.0	50.3	640.0	511.5	1.5	0.0	48.6
600.0	542.0	1.5	0.0	50.3	640.0	516.0	1.5	0.0	48.6
600.0	560.0	1.5	0.0	50.1	640.0	519.5	1.5	0.0	48.6
600.0	580.0	1.5	0.0	49.7	640.0	540.0	1.5	0.0	48.6
600.0	600.0	1.5	0.0	49.7	640.0	542.0	1.5	0.0	48.6
600.0	620.0	1.5	0.0	49.9	640.0	560.0	1.5	0.0	48.6
600.0	640.0	1.5	0.0	49.6	640.0	580.0	1.5	0.0	48.3
600.0	660.0	1.5	0.0	49.5	640.0	600.0	1.5	0.0	48.1
600.0	680.0	1.5	0.0	49.6	640.0	620.0	1.5	0.0	48.5
600.0	700.0	1.5	0.0	50.3	640.0	640.0	1.5	0.0	48.8
600.0	720.0	1.5	0.0	49.8	640.0	660.0	1.5	0.0	48.9
600.0	740.0	1.5	0.0	49.2	640.0	680.0	1.5	0.0	49.7
600.0	760.0	1.5	0.0	48.8	640.0	700.0	1.5	0.0	49.3
600.0	780.0	1.5	0.0	48.3	640.0	720.0	1.5	0.0	48.9
600.0	800.0	1.5	0.0	47.9	640.0	740.0	1.5	0.0	48.5
600.0	820.0	1.5	0.0	47.4	640.0	760.0	1.5	0.0	48.0
600.0	840.0	1.5	0.0	47.0	640.0	780.0	1.5	0.0	47.6
600.0	860.0	1.5	0.0	46.6	640.0	800.0	1.5	0.0	47.2
600.0	880.0	1.5	0.0	46.8	640.0	820.0	1.5	0.0	46.8
600.0	900.0	1.5	0.0	46.8	640.0	840.0	1.5	0.0	46.4
600.0	920.0	1.5	0.0	46.4	640.0	860.0	1.5	0.0	46.3
600.0	940.0	1.5	0.0	46.0	640.0	880.0	1.5	0.0	46.8
600.0	960.0	1.5	0.0	45.6	640.0	900.0	1.5	0.0	46.4
600.0	980.0	1.5	0.0	45.3	640.0	920.0	1.5	0.0	46.0
600.0	1000.0	1.5	0.0	44.9	640.0	940.0	1.5	0.0	45.7
620.0	0.0	1.5	0.0	42.3	640.0	960.0	1.5	0.0	45.3
620.0	20.0	1.5	0.0	42.6	640.0	980.0	1.5	0.0	44.9
620.0	40.0	1.5	0.0	43.0	640.0	1000.0	1.5	0.0	44.6
620.0	60.0	1.5	0.0	43.4	660.0	0.0	1.5	0.0	42.0
620.0	80.0	1.5	0.0	43.7	660.0	20.0	1.5	0.0	42.3
620.0	100.0	1.5	0.0	44.0	660.0	40.0	1.5	0.0	42.6
620.0	120.0	1.5	0.0	44.4	660.0	60.0	1.5	0.0	43.0
620.0	140.0	1.5	0.0	44.8	660.0	80.0	1.5	0.0	43.3
620.0	160.0	1.5	0.0	45.2	660.0	100.0	1.5	0.0	43.7
620.0	180.0	1.5	0.0	45.6	660.0	120.0	1.5	0.0	44.0
620.0	200.0	1.5	0.0	46.1	660.0	140.0	1.5	0.0	44.4
620.0	220.0	1.5	0.0	46.5	660.0	160.0	1.5	0.0	44.8
620.0	240.0	1.5	0.0	47.0	660.0	180.0	1.5	0.0	45.2
620.0	260.0	1.5	0.0	47.5	660.0	200.0	1.5	0.0	45.6
620.0	280.0	1.5	0.0	47.9	660.0	220.0	1.5	0.0	46.0
620.0	300.0	1.5	0.0	48.4	660.0	240.0	1.5	0.0	46.4
620.0	320.0	1.5	0.0	48.7	660.0	260.0	1.5	0.0	47.0
620.0	340.0	1.5	0.0	48.5	660.0	280.0	1.5	0.0	47.4
620.0	360.0	1.5	0.0	47.9	660.0	300.0	1.5	0.0	47.9
620.0	380.0	1.5	0.0	48.0	660.0	320.0	1.5	0.0	47.7
620.0	400.0	1.5	0.0	48.1	660.0	340.0	1.5	0.0	48.1
620.0	420.0	1.5	0.0	48.4	660.0	360.0	1.5	0.0	48.6
620.0	440.0	1.5	0.0	48.8	660.0	380.0	1.5	0.0	48.9
620.0	460.0	1.5	0.0	48.9	660.0	400.0	1.5	0.0	48.5
620.0	480.0	1.5	0.0	49.1	660.0	420.0	1.5	0.0	48.6

660.0	440.0	1.5	0.0	47.5	700.0	380.0	1.5	0.0	47.8
660.0	460.0	1.5	0.0	47.6	700.0	400.0	1.5	0.0	48.1
660.0	480.0	1.5	0.0	47.7	700.0	420.0	1.5	0.0	48.2
660.0	498.0	1.5	0.0	47.8	700.0	440.0	1.5	0.0	48.4
660.0	500.0	1.5	0.0	47.8	700.0	460.0	1.5	0.0	48.5
660.0	511.5	1.5	0.0	47.9	700.0	480.0	1.5	0.0	48.6
660.0	516.0	1.5	0.0	47.9	700.0	498.0	1.5	0.0	48.1
660.0	519.5	1.5	0.0	47.9	700.0	500.0	1.5	0.0	48.1
660.0	540.0	1.5	0.0	47.9	700.0	511.5	1.5	0.0	48.0
660.0	542.0	1.5	0.0	47.9	700.0	516.0	1.5	0.0	48.0
660.0	560.0	1.5	0.0	47.8	700.0	519.5	1.5	0.0	47.4
660.0	580.0	1.5	0.0	47.8	700.0	540.0	1.5	0.0	47.1
660.0	600.0	1.5	0.0	47.5	700.0	542.0	1.5	0.0	47.1
660.0	620.0	1.5	0.0	47.3	700.0	560.0	1.5	0.0	46.9
660.0	640.0	1.5	0.0	48.0	700.0	580.0	1.5	0.0	46.8
660.0	660.0	1.5	0.0	48.6	700.0	600.0	1.5	0.0	46.5
660.0	680.0	1.5	0.0	49.2	700.0	620.0	1.5	0.0	46.5
660.0	700.0	1.5	0.0	48.8	700.0	640.0	1.5	0.0	46.7
660.0	720.0	1.5	0.0	48.4	700.0	660.0	1.5	0.0	48.1
660.0	740.0	1.5	0.0	48.1	700.0	680.0	1.5	0.0	48.2
660.0	760.0	1.5	0.0	47.7	700.0	700.0	1.5	0.0	47.9
660.0	780.0	1.5	0.0	47.3	700.0	720.0	1.5	0.0	47.5
660.0	800.0	1.5	0.0	46.9	700.0	740.0	1.5	0.0	47.2
660.0	820.0	1.5	0.0	46.4	700.0	760.0	1.5	0.0	46.9
660.0	840.0	1.5	0.0	46.1	700.0	780.0	1.5	0.0	46.6
660.0	860.0	1.5	0.0	46.6	700.0	800.0	1.5	0.0	46.2
660.0	880.0	1.5	0.0	46.6	700.0	820.0	1.5	0.0	46.0
660.0	900.0	1.5	0.0	46.2	700.0	840.0	1.5	0.0	46.0
660.0	920.0	1.5	0.0	45.8	700.0	860.0	1.5	0.0	46.3
660.0	940.0	1.5	0.0	45.5	700.0	880.0	1.5	0.0	46.0
660.0	960.0	1.5	0.0	45.1	700.0	900.0	1.5	0.0	45.6
660.0	980.0	1.5	0.0	44.8	700.0	920.0	1.5	0.0	45.3
660.0	1000.0	1.5	0.0	44.4	700.0	940.0	1.5	0.0	45.1
680.0	0.0	1.5	0.0	41.9	700.0	960.0	1.5	0.0	44.7
680.0	20.0	1.5	0.0	42.2	700.0	980.0	1.5	0.0	44.4
680.0	40.0	1.5	0.0	42.5	700.0	1000.0	1.5	0.0	44.1
680.0	60.0	1.5	0.0	42.8	720.0	0.0	1.5	0.0	41.5
680.0	80.0	1.5	0.0	43.1	720.0	20.0	1.5	0.0	41.8
680.0	100.0	1.5	0.0	43.5	720.0	40.0	1.5	0.0	42.1
680.0	120.0	1.5	0.0	43.8	720.0	60.0	1.5	0.0	42.4
680.0	140.0	1.5	0.0	44.2	720.0	80.0	1.5	0.0	42.8
680.0	160.0	1.5	0.0	44.5	720.0	100.0	1.5	0.0	43.1
680.0	180.0	1.5	0.0	44.9	720.0	120.0	1.5	0.0	43.4
680.0	200.0	1.5	0.0	45.3	720.0	140.0	1.5	0.0	43.7
680.0	220.0	1.5	0.0	45.7	720.0	160.0	1.5	0.0	44.0
680.0	240.0	1.5	0.0	46.3	720.0	180.0	1.5	0.0	44.4
680.0	260.0	1.5	0.0	46.7	720.0	200.0	1.5	0.0	44.9
680.0	280.0	1.5	0.0	47.1	720.0	220.0	1.5	0.0	45.3
680.0	300.0	1.5	0.0	46.9	720.0	240.0	1.5	0.0	45.6
680.0	320.0	1.5	0.0	47.3	720.0	260.0	1.5	0.0	45.4
680.0	340.0	1.5	0.0	47.7	720.0	280.0	1.5	0.0	45.8
680.0	360.0	1.5	0.0	48.0	720.0	300.0	1.5	0.0	46.1
680.0	380.0	1.5	0.0	48.4	720.0	320.0	1.5	0.0	46.4
680.0	400.0	1.5	0.0	48.7	720.0	340.0	1.5	0.0	46.7
680.0	420.0	1.5	0.0	49.0	720.0	360.0	1.5	0.0	47.0
680.0	440.0	1.5	0.0	48.5	720.0	380.0	1.5	0.0	47.3
680.0	460.0	1.5	0.0	48.3	720.0	400.0	1.5	0.0	47.5
680.0	480.0	1.5	0.0	47.7	720.0	420.0	1.5	0.0	47.6
680.0	498.0	1.5	0.0	47.5	720.0	440.0	1.5	0.0	47.8
680.0	500.0	1.5	0.0	47.5	720.0	460.0	1.5	0.0	47.9
680.0	511.5	1.5	0.0	47.4	720.0	480.0	1.5	0.0	48.0
680.0	516.0	1.5	0.0	47.4	720.0	498.0	1.5	0.0	48.0
680.0	519.5	1.5	0.0	47.4	720.0	500.0	1.5	0.0	48.1
680.0	540.0	1.5	0.0	47.3	720.0	511.5	1.5	0.0	48.1
680.0	542.0	1.5	0.0	47.3	720.0	516.0	1.5	0.0	48.1
680.0	560.0	1.5	0.0	47.3	720.0	519.5	1.5	0.0	48.1
680.0	580.0	1.5	0.0	47.2	720.0	540.0	1.5	0.0	47.5
680.0	600.0	1.5	0.0	46.9	720.0	542.0	1.5	0.0	47.5
680.0	620.0	1.5	0.0	46.9	720.0	560.0	1.5	0.0	47.4
680.0	640.0	1.5	0.0	47.7	720.0	580.0	1.5	0.0	46.7
680.0	660.0	1.5	0.0	48.2	720.0	600.0	1.5	0.0	46.2
680.0	680.0	1.5	0.0	48.7	720.0	620.0	1.5	0.0	46.5
680.0	700.0	1.5	0.0	48.4	720.0	640.0	1.5	0.0	46.6
680.0	720.0	1.5	0.0	48.0	720.0	660.0	1.5	0.0	47.6
680.0	740.0	1.5	0.0	47.6	720.0	680.0	1.5	0.0	47.3
680.0	760.0	1.5	0.0	47.3	720.0	700.0	1.5	0.0	47.5
680.0	780.0	1.5	0.0	46.9	720.0	720.0	1.5	0.0	47.2
680.0	800.0	1.5	0.0	46.5	720.0	740.0	1.5	0.0	46.9
680.0	820.0	1.5	0.0	46.2	720.0	760.0	1.5	0.0	46.6
680.0	840.0	1.5	0.0	46.0	720.0	780.0	1.5	0.0	46.3
680.0	860.0	1.5	0.0	46.6	720.0	800.0	1.5	0.0	46.0
680.0	880.0	1.5	0.0	46.2	720.0	820.0	1.5	0.0	45.8
680.0	900.0	1.5	0.0	45.9	720.0	840.0	1.5	0.0	46.1
680.0	920.0	1.5	0.0	45.6	720.0	860.0	1.5	0.0	46.1
680.0	940.0	1.5	0.0	45.3	720.0	880.0	1.5	0.0	45.7
680.0	960.0	1.5	0.0	44.9	720.0	900.0	1.5	0.0	45.4
680.0	980.0	1.5	0.0	44.6	720.0	920.0	1.5	0.0	45.1
680.0	1000.0	1.5	0.0	44.3	720.0	940.0	1.5	0.0	44.8
700.0	0.0	1.5	0.0	41.7	720.0	960.0	1.5	0.0	44.5
700.0	20.0	1.5	0.0	42.0	720.0	980.0	1.5	0.0	44.2
700.0	40.0	1.5	0.0	42.3	720.0	1000.0	1.5	0.0	43.9
700.0	60.0	1.5	0.0	42.6	740.0	0.0	1.5	0.0	41.4
700.0	80.0	1.5	0.0	42.9	740.0	20.0	1.5	0.0	41.7
700.0	100.0	1.5	0.0	43.3	740.0	40.0	1.5	0.0	42.0
700.0	120.0	1.5	0.0	43.6	740.0	60.0	1.5	0.0	42.3
700.0	140.0	1.5	0.0	44.0	740.0	80.0	1.5	0.0	42.6
700.0	160.0	1.5	0.0	44.3	740.0	100.0	1.5	0.0	42.9
700.0	180.0	1.5	0.0	44.6	740.0	120.0	1.5	0.0	43.2
700.0	200.0	1.5	0.0	45.0	740.0	140.0	1.5	0.0	43.5
700.0	220.0	1.5	0.0	45.6	740.0	160.0	1.5	0.0	43.8
700.0	240.0	1.5	0.0	46.0	740.0	180.0	1.5	0.0	44.4
700.0	260.0	1.5	0.0	46.3	740.0	200.0	1.5	0.0	44.7
700.0	280.0	1.5	0.0	46.1	740.0	220.0	1.5	0.0	45.0
700.0	300.0	1.5	0.0	46.5	740.0	240.0	1.5	0.0	45.0
700.0	320.0	1.5	0.0	46.8	740.0	260.0	1.5	0.0	45.1
700.0	340.0	1.5	0.0	47.2	740.0	280.0	1.5	0.0	45.4
700.0	360.0	1.5	0.0	47.5	740.0	300.0	1.5	0.0	45.7

740.0	320.0	1.5	0.0	46.0	780.0	260.0	1.5	0.0	44.4
740.0	340.0	1.5	0.0	46.3	780.0	280.0	1.5	0.0	44.6
740.0	360.0	1.5	0.0	46.5	780.0	300.0	1.5	0.0	44.9
740.0	380.0	1.5	0.0	46.8	780.0	320.0	1.5	0.0	45.1
740.0	400.0	1.5	0.0	47.0	780.0	340.0	1.5	0.0	45.4
740.0	420.0	1.5	0.0	47.1	780.0	360.0	1.5	0.0	45.6
740.0	440.0	1.5	0.0	47.2	780.0	380.0	1.5	0.0	45.8
740.0	460.0	1.5	0.0	47.3	780.0	400.0	1.5	0.0	45.9
740.0	480.0	1.5	0.0	47.4	780.0	420.0	1.5	0.0	46.0
740.0	498.0	1.5	0.0	47.4	780.0	440.0	1.5	0.0	46.0
740.0	500.0	1.5	0.0	47.4	780.0	460.0	1.5	0.0	46.1
740.0	511.5	1.5	0.0	47.4	780.0	480.0	1.5	0.0	46.2
740.0	516.0	1.5	0.0	47.5	780.0	498.0	1.5	0.0	46.3
740.0	519.5	1.5	0.0	47.4	780.0	500.0	1.5	0.0	46.3
740.0	540.0	1.5	0.0	47.4	780.0	511.5	1.5	0.0	46.3
740.0	542.0	1.5	0.0	47.4	780.0	516.0	1.5	0.0	46.3
740.0	560.0	1.5	0.0	47.4	780.0	519.5	1.5	0.0	46.3
740.0	580.0	1.5	0.0	46.9	780.0	540.0	1.5	0.0	46.3
740.0	600.0	1.5	0.0	46.8	780.0	542.0	1.5	0.0	46.3
740.0	620.0	1.5	0.0	46.5	780.0	560.0	1.5	0.0	46.2
740.0	640.0	1.5	0.0	46.7	780.0	580.0	1.5	0.0	46.2
740.0	660.0	1.5	0.0	46.6	780.0	600.0	1.5	0.0	46.1
740.0	680.0	1.5	0.0	46.9	780.0	620.0	1.5	0.0	45.9
740.0	700.0	1.5	0.0	47.2	780.0	640.0	1.5	0.0	45.8
740.0	720.0	1.5	0.0	46.8	780.0	660.0	1.5	0.0	45.6
740.0	740.0	1.5	0.0	46.4	780.0	680.0	1.5	0.0	45.4
740.0	760.0	1.5	0.0	46.2	780.0	700.0	1.5	0.0	46.0
740.0	780.0	1.5	0.0	45.9	780.0	720.0	1.5	0.0	45.7
740.0	800.0	1.5	0.0	45.7	780.0	740.0	1.5	0.0	46.1
740.0	820.0	1.5	0.0	45.7	780.0	760.0	1.5	0.0	45.8
740.0	840.0	1.5	0.0	46.1	780.0	780.0	1.5	0.0	45.6
740.0	860.0	1.5	0.0	45.8	780.0	800.0	1.5	0.0	45.5
740.0	880.0	1.5	0.0	45.5	780.0	820.0	1.5	0.0	45.8
740.0	900.0	1.5	0.0	45.2	780.0	840.0	1.5	0.0	45.5
740.0	920.0	1.5	0.0	44.8	780.0	860.0	1.5	0.0	45.2
740.0	940.0	1.5	0.0	44.5	780.0	880.0	1.5	0.0	45.0
740.0	960.0	1.5	0.0	44.2	780.0	900.0	1.5	0.0	44.7
740.0	980.0	1.5	0.0	44.0	780.0	920.0	1.5	0.0	44.4
740.0	1000.0	1.5	0.0	43.7	780.0	940.0	1.5	0.0	44.1
760.0	0.0	1.5	0.0	41.2	780.0	960.0	1.5	0.0	43.8
760.0	20.0	1.5	0.0	41.5	780.0	980.0	1.5	0.0	43.5
760.0	40.0	1.5	0.0	41.8	780.0	1000.0	1.5	0.0	43.3
760.0	60.0	1.5	0.0	42.1	800.0	0.0	1.5	0.0	40.9
760.0	80.0	1.5	0.0	42.3	800.0	20.0	1.5	0.0	41.1
760.0	100.0	1.5	0.0	42.6	800.0	40.0	1.5	0.0	41.4
760.0	120.0	1.5	0.0	42.9	800.0	60.0	1.5	0.0	41.7
760.0	140.0	1.5	0.0	43.2	800.0	80.0	1.5	0.0	41.9
760.0	160.0	1.5	0.0	43.8	800.0	100.0	1.5	0.0	42.2
760.0	180.0	1.5	0.0	44.1	800.0	120.0	1.5	0.0	42.7
760.0	200.0	1.5	0.0	44.4	800.0	140.0	1.5	0.0	43.0
760.0	220.0	1.5	0.0	44.4	800.0	160.0	1.5	0.0	43.2
760.0	240.0	1.5	0.0	44.4	800.0	180.0	1.5	0.0	43.2
760.0	260.0	1.5	0.0	44.7	800.0	200.0	1.5	0.0	43.2
760.0	280.0	1.5	0.0	45.0	800.0	220.0	1.5	0.0	43.5
760.0	300.0	1.5	0.0	45.3	800.0	240.0	1.5	0.0	43.8
760.0	320.0	1.5	0.0	45.6	800.0	260.0	1.5	0.0	44.0
760.0	340.0	1.5	0.0	45.8	800.0	280.0	1.5	0.0	44.3
760.0	360.0	1.5	0.0	46.1	800.0	300.0	1.5	0.0	44.5
760.0	380.0	1.5	0.0	46.3	800.0	320.0	1.5	0.0	44.7
760.0	400.0	1.5	0.0	46.5	800.0	340.0	1.5	0.0	45.0
760.0	420.0	1.5	0.0	46.5	800.0	360.0	1.5	0.0	45.2
760.0	440.0	1.5	0.0	46.6	800.0	380.0	1.5	0.0	45.4
760.0	460.0	1.5	0.0	46.7	800.0	400.0	1.5	0.0	45.4
760.0	480.0	1.5	0.0	46.8	800.0	420.0	1.5	0.0	45.5
760.0	498.0	1.5	0.0	46.8	800.0	440.0	1.5	0.0	45.5
760.0	500.0	1.5	0.0	46.8	800.0	460.0	1.5	0.0	45.6
760.0	511.5	1.5	0.0	46.8	800.0	480.0	1.5	0.0	45.7
760.0	516.0	1.5	0.0	46.9	800.0	498.0	1.5	0.0	45.7
760.0	519.5	1.5	0.0	46.8	800.0	500.0	1.5	0.0	45.7
760.0	540.0	1.5	0.0	46.8	800.0	511.5	1.5	0.0	45.8
760.0	542.0	1.5	0.0	46.8	800.0	516.0	1.5	0.0	45.7
760.0	560.0	1.5	0.0	46.8	800.0	519.5	1.5	0.0	45.7
760.0	580.0	1.5	0.0	46.8	800.0	540.0	1.5	0.0	45.7
760.0	600.0	1.5	0.0	46.7	800.0	542.0	1.5	0.0	45.7
760.0	620.0	1.5	0.0	46.4	800.0	560.0	1.5	0.0	45.7
760.0	640.0	1.5	0.0	46.3	800.0	580.0	1.5	0.0	45.7
760.0	660.0	1.5	0.0	46.1	800.0	600.0	1.5	0.0	45.6
760.0	680.0	1.5	0.0	46.5	800.0	620.0	1.5	0.0	45.4
760.0	700.0	1.5	0.0	46.3	800.0	640.0	1.5	0.0	45.3
760.0	720.0	1.5	0.0	46.6	800.0	660.0	1.5	0.0	45.1
760.0	740.0	1.5	0.0	46.3	800.0	680.0	1.5	0.0	45.0
760.0	760.0	1.5	0.0	45.9	800.0	700.0	1.5	0.0	46.0
760.0	780.0	1.5	0.0	45.7	800.0	720.0	1.5	0.0	45.4
760.0	800.0	1.5	0.0	45.6	800.0	740.0	1.5	0.0	46.2
760.0	820.0	1.5	0.0	45.6	800.0	760.0	1.5	0.0	45.6
760.0	840.0	1.5	0.0	45.8	800.0	780.0	1.5	0.0	45.5
760.0	860.0	1.5	0.0	45.5	800.0	800.0	1.5	0.0	45.4
760.0	880.0	1.5	0.0	45.2	800.0	820.0	1.5	0.0	45.5
760.0	900.0	1.5	0.0	44.9	800.0	840.0	1.5	0.0	45.2
760.0	920.0	1.5	0.0	44.6	800.0	860.0	1.5	0.0	45.0
760.0	940.0	1.5	0.0	44.3	800.0	880.0	1.5	0.0	44.7
760.0	960.0	1.5	0.0	44.0	800.0	900.0	1.5	0.0	44.4
760.0	980.0	1.5	0.0	43.8	800.0	920.0	1.5	0.0	44.2
760.0	1000.0	1.5	0.0	43.5	800.0	940.0	1.5	0.0	43.9
780.0	0.0	1.5	0.0	41.1	800.0	960.0	1.5	0.0	43.6
780.0	20.0	1.5	0.0	41.3	800.0	980.0	1.5	0.0	43.3
780.0	40.0	1.5	0.0	41.6	800.0	1000.0	1.5	0.0	43.1
780.0	60.0	1.5	0.0	41.9	820.0	0.0	1.5	0.0	40.7
780.0	80.0	1.5	0.0	42.1	820.0	20.0	1.5	0.0	40.9
780.0	100.0	1.5	0.0	42.4	820.0	40.0	1.5	0.0	41.2
780.0	120.0	1.5	0.0	42.7	820.0	60.0	1.5	0.0	41.5
780.0	140.0	1.5	0.0	43.2	820.0	80.0	1.5	0.0	41.7
780.0	160.0	1.5	0.0	43.5	820.0	100.0	1.5	0.0	42.2
780.0	180.0	1.5	0.0	43.8	820.0	120.0	1.5	0.0	42.5
780.0	200.0	1.5	0.0	43.8	820.0	140.0	1.5	0.0	42.7
780.0	220.0	1.5	0.0	43.8	820.0	160.0	1.5	0.0	43.0
780.0	240.0	1.5	0.0	44.1	820.0	180.0	1.5	0.0	42.7

820.0	200.0	1.5	0.0	42.9	860.0	140.0	1.5	0.0	41.7
820.0	220.0	1.5	0.0	43.2	860.0	160.0	1.5	0.0	41.9
820.0	240.0	1.5	0.0	43.4	860.0	180.0	1.5	0.0	42.1
820.0	260.0	1.5	0.0	43.7	860.0	200.0	1.5	0.0	42.4
820.0	280.0	1.5	0.0	43.9	860.0	220.0	1.5	0.0	42.6
820.0	300.0	1.5	0.0	44.1	860.0	240.0	1.5	0.0	42.8
820.0	320.0	1.5	0.0	44.3	860.0	260.0	1.5	0.0	43.0
820.0	340.0	1.5	0.0	44.5	860.0	280.0	1.5	0.0	43.2
820.0	360.0	1.5	0.0	44.7	860.0	300.0	1.5	0.0	43.4
820.0	380.0	1.5	0.0	44.9	860.0	320.0	1.5	0.0	43.6
820.0	400.0	1.5	0.0	44.9	860.0	340.0	1.5	0.0	43.8
820.0	420.0	1.5	0.0	45.0	860.0	360.0	1.5	0.0	43.9
820.0	440.0	1.5	0.0	45.0	860.0	380.0	1.5	0.0	43.9
820.0	460.0	1.5	0.0	45.1	860.0	400.0	1.5	0.0	44.0
820.0	480.0	1.5	0.0	45.2	860.0	420.0	1.5	0.0	44.1
820.0	498.0	1.5	0.0	45.2	860.0	440.0	1.5	0.0	44.1
820.0	500.0	1.5	0.0	45.2	860.0	460.0	1.5	0.0	44.2
820.0	511.5	1.5	0.0	45.2	860.0	480.0	1.5	0.0	44.3
820.0	516.0	1.5	0.0	45.2	860.0	498.0	1.5	0.0	44.3
820.0	519.5	1.5	0.0	45.2	860.0	500.0	1.5	0.0	44.3
820.0	540.0	1.5	0.0	45.2	860.0	511.5	1.5	0.0	44.3
820.0	542.0	1.5	0.0	45.2	860.0	516.0	1.5	0.0	44.3
820.0	560.0	1.5	0.0	45.2	860.0	519.5	1.5	0.0	44.3
820.0	580.0	1.5	0.0	45.2	860.0	540.0	1.5	0.0	44.3
820.0	600.0	1.5	0.0	45.1	860.0	542.0	1.5	0.0	44.3
820.0	620.0	1.5	0.0	45.0	860.0	560.0	1.5	0.0	44.3
820.0	640.0	1.5	0.0	44.8	860.0	580.0	1.5	0.0	44.3
820.0	660.0	1.5	0.0	44.7	860.0	600.0	1.5	0.0	44.2
820.0	680.0	1.5	0.0	44.5	860.0	620.0	1.5	0.0	44.1
820.0	700.0	1.5	0.0	44.3	860.0	640.0	1.5	0.0	44.0
820.0	720.0	1.5	0.0	45.4	860.0	660.0	1.5	0.0	43.8
820.0	740.0	1.5	0.0	45.1	860.0	680.0	1.5	0.0	43.7
820.0	760.0	1.5	0.0	45.7	860.0	700.0	1.5	0.0	43.5
820.0	780.0	1.5	0.0	45.5	860.0	720.0	1.5	0.0	43.4
820.0	800.0	1.5	0.0	45.3	860.0	740.0	1.5	0.0	44.4
820.0	820.0	1.5	0.0	45.2	860.0	760.0	1.5	0.0	44.2
820.0	840.0	1.5	0.0	44.9	860.0	780.0	1.5	0.0	45.0
820.0	860.0	1.5	0.0	44.7	860.0	800.0	1.5	0.0	44.8
820.0	880.0	1.5	0.0	44.4	860.0	820.0	1.5	0.0	44.6
820.0	900.0	1.5	0.0	44.2	860.0	840.0	1.5	0.0	44.3
820.0	920.0	1.5	0.0	43.9	860.0	860.0	1.5	0.0	44.1
820.0	940.0	1.5	0.0	43.7	860.0	880.0	1.5	0.0	43.9
820.0	960.0	1.5	0.0	43.4	860.0	900.0	1.5	0.0	43.7
820.0	980.0	1.5	0.0	43.2	860.0	920.0	1.5	0.0	43.4
820.0	1000.0	1.5	0.0	42.9	860.0	940.0	1.5	0.0	43.2
840.0	0.0	1.5	0.0	40.5	860.0	960.0	1.5	0.0	43.0
840.0	20.0	1.5	0.0	40.8	860.0	980.0	1.5	0.0	42.7
840.0	40.0	1.5	0.0	41.0	860.0	1000.0	1.5	0.0	42.5
840.0	60.0	1.5	0.0	41.5	880.0	0.0	1.5	0.0	40.2
840.0	80.0	1.5	0.0	41.7	880.0	20.0	1.5	0.0	40.6
840.0	100.0	1.5	0.0	42.0	880.0	40.0	1.5	0.0	40.8
840.0	120.0	1.5	0.0	42.2	880.0	60.0	1.5	0.0	41.1
840.0	140.0	1.5	0.0	42.5	880.0	80.0	1.5	0.0	41.3
840.0	160.0	1.5	0.0	42.2	880.0	100.0	1.5	0.0	41.5
840.0	180.0	1.5	0.0	42.4	880.0	120.0	1.5	0.0	41.2
840.0	200.0	1.5	0.0	42.7	880.0	140.0	1.5	0.0	41.4
840.0	220.0	1.5	0.0	42.9	880.0	160.0	1.5	0.0	41.6
840.0	240.0	1.5	0.0	43.1	880.0	180.0	1.5	0.0	41.9
840.0	260.0	1.5	0.0	43.3	880.0	200.0	1.5	0.0	42.1
840.0	280.0	1.5	0.0	43.6	880.0	220.0	1.5	0.0	42.3
840.0	300.0	1.5	0.0	43.8	880.0	240.0	1.5	0.0	42.5
840.0	320.0	1.5	0.0	44.0	880.0	260.0	1.5	0.0	42.7
840.0	340.0	1.5	0.0	44.1	880.0	280.0	1.5	0.0	42.9
840.0	360.0	1.5	0.0	44.3	880.0	300.0	1.5	0.0	43.1
840.0	380.0	1.5	0.0	44.4	880.0	320.0	1.5	0.0	43.2
840.0	400.0	1.5	0.0	44.4	880.0	340.0	1.5	0.0	43.4
840.0	420.0	1.5	0.0	44.5	880.0	360.0	1.5	0.0	43.5
840.0	440.0	1.5	0.0	44.6	880.0	380.0	1.5	0.0	43.5
840.0	460.0	1.5	0.0	44.7	880.0	400.0	1.5	0.0	43.6
840.0	480.0	1.5	0.0	44.7	880.0	420.0	1.5	0.0	43.6
840.0	498.0	1.5	0.0	44.7	880.0	440.0	1.5	0.0	43.7
840.0	500.0	1.5	0.0	44.7	880.0	460.0	1.5	0.0	43.8
840.0	511.5	1.5	0.0	44.8	880.0	480.0	1.5	0.0	43.8
840.0	516.0	1.5	0.0	44.8	880.0	498.0	1.5	0.0	43.8
840.0	519.5	1.5	0.0	44.8	880.0	500.0	1.5	0.0	43.8
840.0	540.0	1.5	0.0	44.7	880.0	511.5	1.5	0.0	43.8
840.0	542.0	1.5	0.0	44.7	880.0	516.0	1.5	0.0	43.8
840.0	560.0	1.5	0.0	44.7	880.0	519.5	1.5	0.0	43.8
840.0	580.0	1.5	0.0	44.7	880.0	540.0	1.5	0.0	43.8
840.0	600.0	1.5	0.0	44.7	880.0	542.0	1.5	0.0	43.8
840.0	620.0	1.5	0.0	44.6	880.0	560.0	1.5	0.0	43.8
840.0	640.0	1.5	0.0	44.4	880.0	580.0	1.5	0.0	43.8
840.0	660.0	1.5	0.0	44.3	880.0	600.0	1.5	0.0	43.8
840.0	680.0	1.5	0.0	44.1	880.0	620.0	1.5	0.0	43.7
840.0	700.0	1.5	0.0	43.9	880.0	640.0	1.5	0.0	43.5
840.0	720.0	1.5	0.0	45.0	880.0	660.0	1.5	0.0	43.4
840.0	740.0	1.5	0.0	44.8	880.0	680.0	1.5	0.0	43.3
840.0	760.0	1.5	0.0	45.5	880.0	700.0	1.5	0.0	43.2
840.0	780.0	1.5	0.0	45.3	880.0	720.0	1.5	0.0	43.0
840.0	800.0	1.5	0.0	45.1	880.0	740.0	1.5	0.0	44.1
840.0	820.0	1.5	0.0	44.9	880.0	760.0	1.5	0.0	43.9
840.0	840.0	1.5	0.0	44.6	880.0	780.0	1.5	0.0	43.7
840.0	860.0	1.5	0.0	44.4	880.0	800.0	1.5	0.0	44.5
840.0	880.0	1.5	0.0	44.2	880.0	820.0	1.5	0.0	44.3
840.0	900.0	1.5	0.0	43.9	880.0	840.0	1.5	0.0	44.0
840.0	920.0	1.5	0.0	43.7	880.0	860.0	1.5	0.0	43.8
840.0	940.0	1.5	0.0	43.4	880.0	880.0	1.5	0.0	43.6
840.0	960.0	1.5	0.0	43.2	880.0	900.0	1.5	0.0	43.4
840.0	980.0	1.5	0.0	42.9	880.0	920.0	1.5	0.0	43.2
840.0	1000.0	1.5	0.0	42.7	880.0	940.0	1.5	0.0	43.0
860.0	0.0	1.5	0.0	40.3	880.0	960.0	1.5	0.0	42.7
860.0	20.0	1.5	0.0	40.6	880.0	980.0	1.5	0.0	42.5
860.0	40.0	1.5	0.0	41.1	880.0	1000.0	1.5	0.0	42.3
860.0	60.0	1.5	0.0	41.3	900.0	0.0	1.5	0.0	40.2
860.0	80.0	1.5	0.0	41.5	900.0	20.0	1.5	0.0	40.4
860.0	100.0	1.5	0.0	41.7	900.0	40.0	1.5	0.0	40.6
860.0	120.0	1.5	0.0	42.0	900.0	60.0	1.5	0.0	40.8

900.0	80.0	1.5	0.0	41.1	940.0	20.0	1.5	0.0	40.0
900.0	100.0	1.5	0.0	41.0	940.0	40.0	1.5	0.0	40.2
900.0	120.0	1.5	0.0	41.0	940.0	60.0	1.5	0.0	40.2
900.0	140.0	1.5	0.0	41.2	940.0	80.0	1.5	0.0	40.1
900.0	160.0	1.5	0.0	41.4	940.0	100.0	1.5	0.0	40.3
900.0	180.0	1.5	0.0	41.6	940.0	120.0	1.5	0.0	40.5
900.0	200.0	1.5	0.0	41.8	940.0	140.0	1.5	0.0	40.7
900.0	220.0	1.5	0.0	42.0	940.0	160.0	1.5	0.0	40.9
900.0	240.0	1.5	0.0	42.2	940.0	180.0	1.5	0.0	41.0
900.0	260.0	1.5	0.0	42.4	940.0	200.0	1.5	0.0	41.2
900.0	280.0	1.5	0.0	42.5	940.0	220.0	1.5	0.0	41.4
900.0	300.0	1.5	0.0	42.7	940.0	240.0	1.5	0.0	41.6
900.0	320.0	1.5	0.0	42.9	940.0	260.0	1.5	0.0	41.7
900.0	340.0	1.5	0.0	43.0	940.0	280.0	1.5	0.0	41.9
900.0	360.0	1.5	0.0	43.2	940.0	300.0	1.5	0.0	42.0
900.0	380.0	1.5	0.0	43.1	940.0	320.0	1.5	0.0	42.2
900.0	400.0	1.5	0.0	43.2	940.0	340.0	1.5	0.0	42.3
900.0	420.0	1.5	0.0	43.2	940.0	360.0	1.5	0.0	42.3
900.0	440.0	1.5	0.0	43.3	940.0	380.0	1.5	0.0	42.4
900.0	460.0	1.5	0.0	43.3	940.0	400.0	1.5	0.0	42.4
900.0	480.0	1.5	0.0	43.4	940.0	420.0	1.5	0.0	42.4
900.0	498.0	1.5	0.0	43.4	940.0	440.0	1.5	0.0	42.5
900.0	500.0	1.5	0.0	43.4	940.0	460.0	1.5	0.0	42.6
900.0	511.5	1.5	0.0	43.4	940.0	480.0	1.5	0.0	42.6
900.0	516.0	1.5	0.0	43.4	940.0	498.0	1.5	0.0	42.6
900.0	519.5	1.5	0.0	43.4	940.0	500.0	1.5	0.0	42.6
900.0	540.0	1.5	0.0	43.4	940.0	511.5	1.5	0.0	42.6
900.0	542.0	1.5	0.0	43.4	940.0	516.0	1.5	0.0	42.6
900.0	560.0	1.5	0.0	43.4	940.0	519.5	1.5	0.0	42.6
900.0	580.0	1.5	0.0	43.4	940.0	540.0	1.5	0.0	42.6
900.0	600.0	1.5	0.0	43.3	940.0	542.0	1.5	0.0	42.6
900.0	620.0	1.5	0.0	43.3	940.0	560.0	1.5	0.0	42.6
900.0	640.0	1.5	0.0	43.2	940.0	580.0	1.5	0.0	42.6
900.0	660.0	1.5	0.0	43.0	940.0	600.0	1.5	0.0	42.6
900.0	680.0	1.5	0.0	42.9	940.0	620.0	1.5	0.0	42.5
900.0	700.0	1.5	0.0	42.8	940.0	640.0	1.5	0.0	42.5
900.0	720.0	1.5	0.0	42.6	940.0	660.0	1.5	0.0	42.3
900.0	740.0	1.5	0.0	42.5	940.0	680.0	1.5	0.0	42.2
900.0	760.0	1.5	0.0	43.5	940.0	700.0	1.5	0.0	42.1
900.0	780.0	1.5	0.0	43.4	940.0	720.0	1.5	0.0	41.9
900.0	800.0	1.5	0.0	44.1	940.0	740.0	1.5	0.0	41.8
900.0	820.0	1.5	0.0	44.0	940.0	760.0	1.5	0.0	41.7
900.0	840.0	1.5	0.0	43.8	940.0	780.0	1.5	0.0	42.7
900.0	860.0	1.5	0.0	43.6	940.0	800.0	1.5	0.0	42.6
900.0	880.0	1.5	0.0	43.4	940.0	820.0	1.5	0.0	43.4
900.0	900.0	1.5	0.0	43.1	940.0	840.0	1.5	0.0	43.2
900.0	920.0	1.5	0.0	42.9	940.0	860.0	1.5	0.0	43.0
900.0	940.0	1.5	0.0	42.7	940.0	880.0	1.5	0.0	42.8
900.0	960.0	1.5	0.0	42.5	940.0	900.0	1.5	0.0	42.6
900.0	980.0	1.5	0.0	42.3	940.0	920.0	1.5	0.0	42.4
900.0	1000.0	1.5	0.0	42.1	940.0	940.0	1.5	0.0	42.3
920.0	0.0	1.5	0.0	40.0	940.0	960.0	1.5	0.0	42.1
920.0	20.0	1.5	0.0	40.2	940.0	980.0	1.5	0.0	41.9
920.0	40.0	1.5	0.0	40.4	940.0	1000.0	1.5	0.0	41.7
920.0	60.0	1.5	0.0	40.6	960.0	0.0	1.5	0.0	39.6
920.0	80.0	1.5	0.0	40.6	960.0	20.0	1.5	0.0	39.8
920.0	100.0	1.5	0.0	40.5	960.0	40.0	1.5	0.0	39.8
920.0	120.0	1.5	0.0	40.7	960.0	60.0	1.5	0.0	39.7
920.0	140.0	1.5	0.0	40.9	960.0	80.0	1.5	0.0	39.9
920.0	160.0	1.5	0.0	41.1	960.0	100.0	1.5	0.0	40.0
920.0	180.0	1.5	0.0	41.3	960.0	120.0	1.5	0.0	40.2
920.0	200.0	1.5	0.0	41.5	960.0	140.0	1.5	0.0	40.4
920.0	220.0	1.5	0.0	41.7	960.0	160.0	1.5	0.0	40.6
920.0	240.0	1.5	0.0	41.9	960.0	180.0	1.5	0.0	40.8
920.0	260.0	1.5	0.0	42.1	960.0	200.0	1.5	0.0	41.0
920.0	280.0	1.5	0.0	42.2	960.0	220.0	1.5	0.0	41.1
920.0	300.0	1.5	0.0	42.4	960.0	240.0	1.5	0.0	41.3
920.0	320.0	1.5	0.0	42.5	960.0	260.0	1.5	0.0	41.4
920.0	340.0	1.5	0.0	42.7	960.0	280.0	1.5	0.0	41.6
920.0	360.0	1.5	0.0	42.7	960.0	300.0	1.5	0.0	41.7
920.0	380.0	1.5	0.0	42.7	960.0	320.0	1.5	0.0	41.9
920.0	400.0	1.5	0.0	42.8	960.0	340.0	1.5	0.0	42.0
920.0	420.0	1.5	0.0	42.8	960.0	360.0	1.5	0.0	41.9
920.0	440.0	1.5	0.0	42.9	960.0	380.0	1.5	0.0	42.0
920.0	460.0	1.5	0.0	42.9	960.0	400.0	1.5	0.0	42.1
920.0	480.0	1.5	0.0	43.0	960.0	420.0	1.5	0.0	42.1
920.0	498.0	1.5	0.0	43.0	960.0	440.0	1.5	0.0	42.1
920.0	500.0	1.5	0.0	43.0	960.0	460.0	1.5	0.0	42.2
920.0	511.5	1.5	0.0	43.0	960.0	480.0	1.5	0.0	42.2
920.0	516.0	1.5	0.0	43.0	960.0	498.0	1.5	0.0	42.2
920.0	519.5	1.5	0.0	43.0	960.0	500.0	1.5	0.0	42.2
920.0	540.0	1.5	0.0	43.0	960.0	511.5	1.5	0.0	42.2
920.0	542.0	1.5	0.0	43.0	960.0	516.0	1.5	0.0	42.2
920.0	560.0	1.5	0.0	43.0	960.0	519.5	1.5	0.0	42.2
920.0	580.0	1.5	0.0	43.0	960.0	540.0	1.5	0.0	42.2
920.0	600.0	1.5	0.0	42.9	960.0	542.0	1.5	0.0	42.2
920.0	620.0	1.5	0.0	42.9	960.0	560.0	1.5	0.0	42.2
920.0	640.0	1.5	0.0	42.8	960.0	580.0	1.5	0.0	42.2
920.0	660.0	1.5	0.0	42.7	960.0	600.0	1.5	0.0	42.2
920.0	680.0	1.5	0.0	42.5	960.0	620.0	1.5	0.0	42.2
920.0	700.0	1.5	0.0	42.4	960.0	640.0	1.5	0.0	42.1
920.0	720.0	1.5	0.0	42.3	960.0	660.0	1.5	0.0	41.9
920.0	740.0	1.5	0.0	42.1	960.0	680.0	1.5	0.0	41.8
920.0	760.0	1.5	0.0	43.2	960.0	700.0	1.5	0.0	41.7
920.0	780.0	1.5	0.0	43.1	960.0	720.0	1.5	0.0	41.6
920.0	800.0	1.5	0.0	42.9	960.0	740.0	1.5	0.0	41.5
920.0	820.0	1.5	0.0	43.7	960.0	760.0	1.5	0.0	41.3
920.0	840.0	1.5	0.0	43.5	960.0	780.0	1.5	0.0	42.4
920.0	860.0	1.5	0.0	43.3	960.0	800.0	1.5	0.0	42.3
920.0	880.0	1.5	0.0	43.1	960.0	820.0	1.5	0.0	42.1
920.0	900.0	1.5	0.0	42.9	960.0	840.0	1.5	0.0	42.9
920.0	920.0	1.5	0.0	42.7	960.0	860.0	1.5	0.0	42.7
920.0	940.0	1.5	0.0	42.5	960.0	880.0	1.5	0.0	42.6
920.0	960.0	1.5	0.0	42.3	960.0	900.0	1.5	0.0	42.4
920.0	980.0	1.5	0.0	42.1	960.0	920.0	1.5	0.0	42.2
920.0	1000.0	1.5	0.0	41.9	960.0	940.0	1.5	0.0	42.0
940.0	0.0	1.5	0.0	39.8	960.0	960.0	1.5	0.0	41.8

960.0	980.0	1.5	0.0	41.7	980.0	1000.0	1.5	0.0	41.3
960.0	1000.0	1.5	0.0	41.5	1000.0	0.0	1.5	0.0	39.0
980.0	0.0	1.5	0.0	39.4	1000.0	20.0	1.5	0.0	38.9
980.0	20.0	1.5	0.0	39.4	1000.0	40.0	1.5	0.0	39.1
980.0	40.0	1.5	0.0	39.3	1000.0	60.0	1.5	0.0	39.2
980.0	60.0	1.5	0.0	39.5	1000.0	80.0	1.5	0.0	39.4
980.0	80.0	1.5	0.0	39.6	1000.0	100.0	1.5	0.0	39.6
980.0	100.0	1.5	0.0	39.8	1000.0	120.0	1.5	0.0	39.8
980.0	120.0	1.5	0.0	40.0	1000.0	140.0	1.5	0.0	39.9
980.0	140.0	1.5	0.0	40.2	1000.0	160.0	1.5	0.0	40.1
980.0	160.0	1.5	0.0	40.3	1000.0	180.0	1.5	0.0	40.3
980.0	180.0	1.5	0.0	40.5	1000.0	200.0	1.5	0.0	40.4
980.0	200.0	1.5	0.0	40.7	1000.0	220.0	1.5	0.0	40.6
980.0	220.0	1.5	0.0	40.8	1000.0	240.0	1.5	0.0	40.7
980.0	240.0	1.5	0.0	41.0	1000.0	260.0	1.5	0.0	40.8
980.0	260.0	1.5	0.0	41.1	1000.0	280.0	1.5	0.0	41.0
980.0	280.0	1.5	0.0	41.3	1000.0	300.0	1.5	0.0	41.1
980.0	300.0	1.5	0.0	41.4	1000.0	320.0	1.5	0.0	41.2
980.0	320.0	1.5	0.0	41.5	1000.0	340.0	1.5	0.0	41.2
980.0	340.0	1.5	0.0	41.5	1000.0	360.0	1.5	0.0	41.3
980.0	360.0	1.5	0.0	41.6	1000.0	380.0	1.5	0.0	41.3
980.0	380.0	1.5	0.0	41.7	1000.0	400.0	1.5	0.0	41.3
980.0	400.0	1.5	0.0	41.7	1000.0	420.0	1.5	0.0	41.4
980.0	420.0	1.5	0.0	41.7	1000.0	440.0	1.5	0.0	41.4
980.0	440.0	1.5	0.0	41.8	1000.0	460.0	1.5	0.0	41.5
980.0	460.0	1.5	0.0	41.8	1000.0	480.0	1.5	0.0	41.5
980.0	480.0	1.5	0.0	41.9	1000.0	498.0	1.5	0.0	41.5
980.0	498.0	1.5	0.0	41.9	1000.0	500.0	1.5	0.0	41.5
980.0	500.0	1.5	0.0	41.9	1000.0	511.5	1.5	0.0	41.5
980.0	511.5	1.5	0.0	41.9	1000.0	516.0	1.5	0.0	41.5
980.0	516.0	1.5	0.0	41.9	1000.0	519.5	1.5	0.0	41.5
980.0	519.5	1.5	0.0	41.9	1000.0	540.0	1.5	0.0	41.5
980.0	540.0	1.5	0.0	41.9	1000.0	542.0	1.5	0.0	41.5
980.0	542.0	1.5	0.0	41.9	1000.0	560.0	1.5	0.0	41.5
980.0	560.0	1.5	0.0	41.9	1000.0	580.0	1.5	0.0	41.5
980.0	580.0	1.5	0.0	41.8	1000.0	600.0	1.5	0.0	41.5
980.0	600.0	1.5	0.0	41.8	1000.0	620.0	1.5	0.0	41.4
980.0	620.0	1.5	0.0	41.8	1000.0	640.0	1.5	0.0	41.4
980.0	640.0	1.5	0.0	41.7	1000.0	660.0	1.5	0.0	41.3
980.0	660.0	1.5	0.0	41.6	1000.0	680.0	1.5	0.0	41.2
980.0	680.0	1.5	0.0	41.5	1000.0	700.0	1.5	0.0	41.1
980.0	700.0	1.5	0.0	41.4	1000.0	720.0	1.5	0.0	41.0
980.0	720.0	1.5	0.0	41.3	1000.0	740.0	1.5	0.0	40.9
980.0	740.0	1.5	0.0	41.2	1000.0	760.0	1.5	0.0	40.7
980.0	760.0	1.5	0.0	41.0	1000.0	780.0	1.5	0.0	40.6
980.0	780.0	1.5	0.0	40.9	1000.0	800.0	1.5	0.0	41.7
980.0	800.0	1.5	0.0	42.0	1000.0	820.0	1.5	0.0	41.6
980.0	820.0	1.5	0.0	41.8	1000.0	840.0	1.5	0.0	41.4
980.0	840.0	1.5	0.0	41.7	1000.0	860.0	1.5	0.0	42.2
980.0	860.0	1.5	0.0	42.5	1000.0	880.0	1.5	0.0	42.1
980.0	880.0	1.5	0.0	42.3	1000.0	900.0	1.5	0.0	41.9
980.0	900.0	1.5	0.0	42.1	1000.0	920.0	1.5	0.0	41.7
980.0	920.0	1.5	0.0	42.0	1000.0	940.0	1.5	0.0	41.6
980.0	940.0	1.5	0.0	41.8	1000.0	960.0	1.5	0.0	41.4
980.0	960.0	1.5	0.0	41.6	1000.0	980.0	1.5	0.0	41.2
980.0	980.0	1.5	0.0	41.4	1000.0	1000.0	1.5	0.0	41.0