

## Propagacja hałasu z terenu przedsięwzięcia

### Hałas Przemysłowy Zewn trzny

Program HPZ ±2001 Windows : Wersja: marzec'2012 +GRUNT

Licencja Zakładu Akustyki ITB: HPZ-0256 EKOlogis LB s.c.

Opis projektu: Propagacja hałasu z WMA Elbl g

### **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:
ródźa wszechkierunkowe			
1	1	W1	Wyjadunek
2	2	Z1	Zajadunek
3	3	G1	G1
ródźa liniowe			
4	1	S1	
5	2	S2	
6	3	S3	
7	4	S4	
8	5	S5	
ródźa przestrzenne			
9	1	P1	Suszarka kruszywa
Ekran			
10	1	Ek1	Ekran 1
11	2	Ek2	Ekran 2
12	3	Ek3	Ekran 3
13	4	Ek4	Ekran 4
14	5	Ek5	Ekran 5
15	6	Ek6	Ekran 6
16	7	Ek7	Ekran 7
17	8	Ek8	Ekran 8
Punkty obserwacji			
18	1	PK11	
19	2	PK12	
20	3	PK21	
21	4	PK22	
22	5	PK31	
23	6	PK32	

Ź R Ó D Ł A W S Z E C H K I E R U N K O W E, liczba = 3

Lp	Symbol	x[m]	y[m]	z[m]	L <sub>WA</sub> [dB]	K <sub>0</sub>
1	W1	295,0	104,7	3,0	100,0	3
2	Z1	240,0	121,6	3,0	100,0	3
3	G1	219,4	95,9	1,5	106,0	3

ŹRÓDŁA LINIOWE, liczba = 5

Lp	Symbol	x <sub>p</sub> [m]	y <sub>p</sub> [m]	z <sub>p</sub> [m]	x <sub>k</sub> [m]	y <sub>k</sub> [m]	z <sub>k</sub> [m]	L <sub>WA</sub> [dB]	K <sub>0</sub>
1	S1	160,4	137,8	1,5	217,4	185,8	1,5	84,3	3
2	S2	218,8	184,5	1,5	304,3	157,4	1,5	86,5	3
3	S3	304,3	156,8	1,5	281,7	133,8	1,5	82,1	3
4	S4	280,4	133,1	1,5	217,4	183,8	1,5	86,1	3
5	S5	234,7	110,8	1,5	294,3	104,1	1,5	83,3	3

ŹRÓDŁA PRZESTRZENNE, liczba = 1

Lp	Symbol	x [m]	y [m]	h[m]	h <sub>0</sub> [m]	L <sub>WA</sub> [dB]	Lścian
1	P1	234,7 253,2 267,8 247,9	134,5 118,2 133,8 149,3	25,0	0,0	102,0	5

EKRANY AKUSTYCZNE, liczba = 8

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 <sub>0</sub> [m]	h <sub>w</sub> [m]
1	Ek1	127,3;174,3	210,8;206,8	210,1;208,1	129,9;176,4	9,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
2	Ek2	210,8;207,4	272,4;179,1	273,1;180,4	213,5;208,1	9,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
3	Ek3	165,1;128,4	204,8;169,6	204,2;170,3	164,4;131,1	3,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
4	Ek4	165,1;127,7	238,6;35,8	240,0;35,8	167,0;127,0	3,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
5	Ek5	240,6;35,8	354,6;168,2	353,3;169,6	241,3;37,2	3,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
6	Ek6	354,6;167,6	328,1;191,9	327,5;190,5	350,7;168,9	3,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
7	Ek7	326,1;190,5	315,5;196,6	314,2;194,6	324,8;189,9	9,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
8	Ek8	271,1;179,7	316,2;193,9	315,5;195,9	272,4;181,8	9,0	0,0	--
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			

PUNKTY OBSERWACJI, liczba = 6

Lp	Symbol	x[m]	y[m]	z[m]	L <sub>ta</sub> [dB]
1	PK1	282,4	235,1	1,5	0,0
2	PK12	282,4	235,1	4,0	0,0

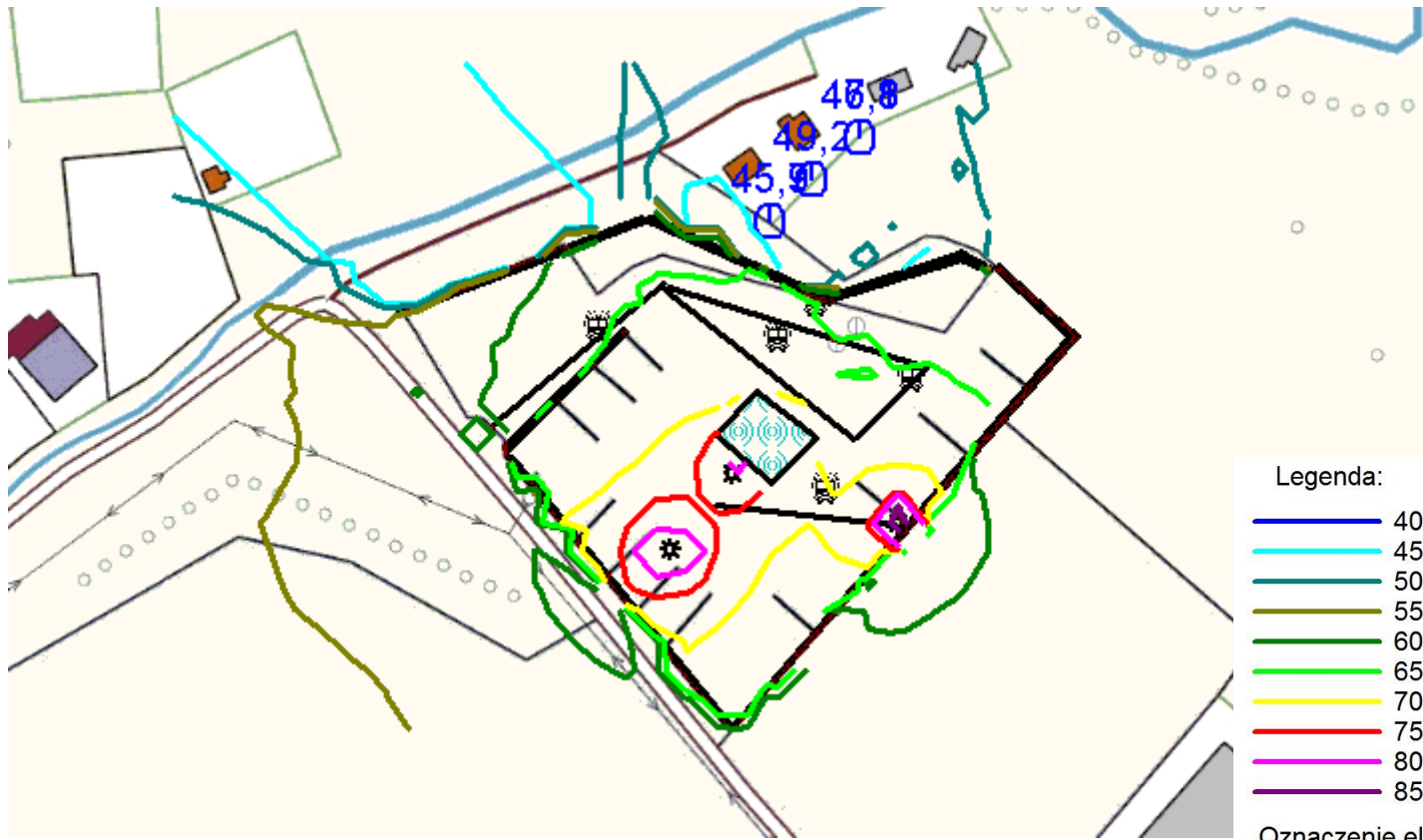
Lp	Symbol	x[m]	y[m]	z[m]	L <sub>tia</sub> [dB]
3	PK21	252,6	206,8	1,5	0,0
4	PK22	252,6	206,8	4,0	0,0
5	PK3	266,5	220,9	1,5	0,0
6	PK3	266,5	220,9	4,0	0,0

SIATKA PUNKTÓW OBSERWACJI

X <sub>min</sub> [m]	X <sub>max</sub> [m]	Y <sub>min</sub> [m]	Y <sub>max</sub> [m]	dx[m]	dy[m]	z[m]	L <sub>tia</sub> [dB]
55,0	325,0	35,0	260,0	10,0	10,0	1,5	0,00

Równoważny poziom dźwięku A w zadanych punktach obserwacji

Lp.	Symbol	x [m]	y [m]	z [m]	L <sub>A</sub> [dB]
1	PK11	282,4	235,1	1,5	46,8
2	PK12	282,4	235,1	4,0	47,1
3	PK21	252,6	206,8	1,5	45,9
4	PK22	252,6	206,8	4,0	45,7
5	PK31	266,5	220,9	1,5	49,2
6	PK32	266,5	220,9	4,0	49,2

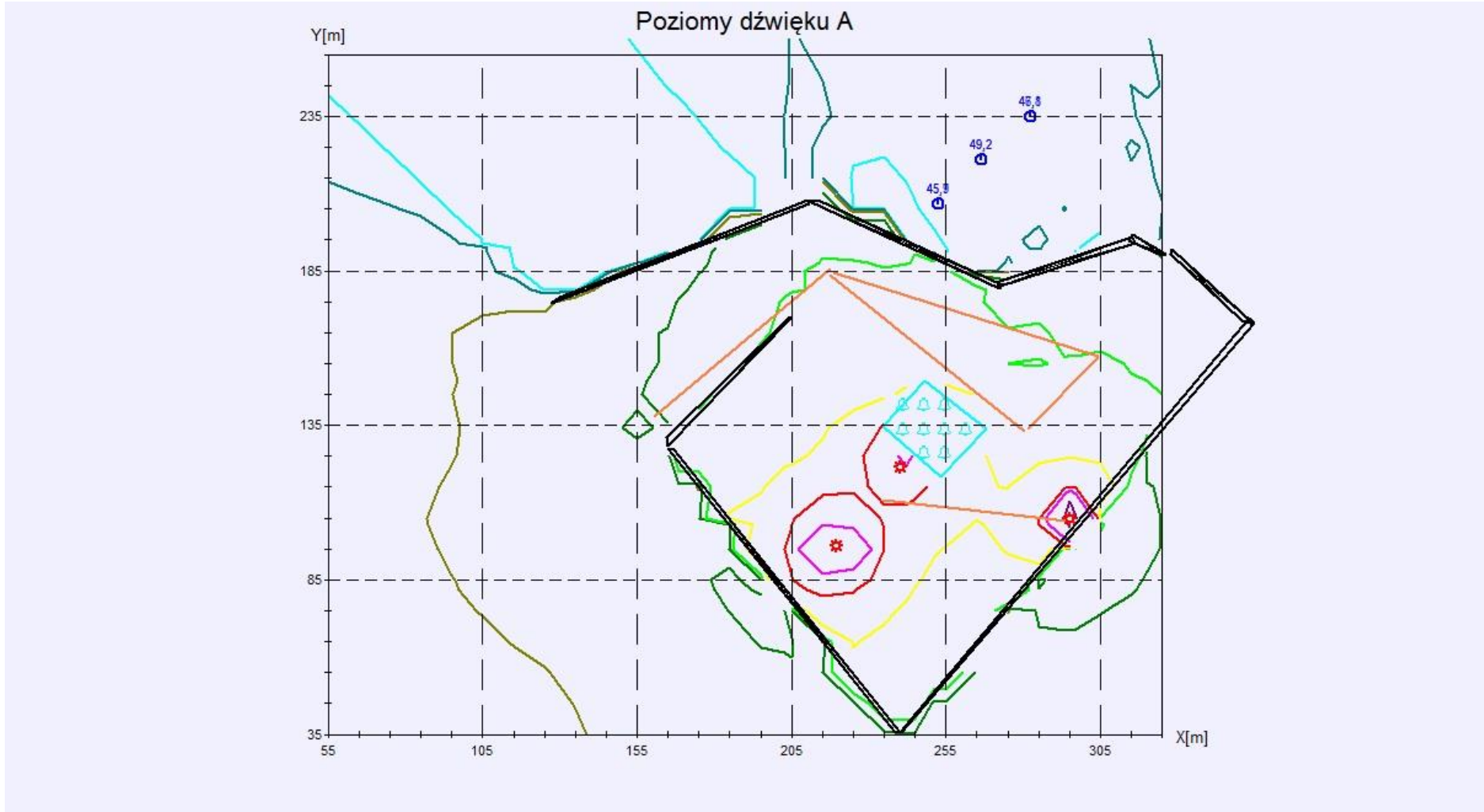


Legenda:

- 40 dB
- 45 dB
- 50 dB
- 55 dB
- 60 dB
- 65 dB
- 70 dB
- 75 dB
- 80 dB
- 85 dB

Oznaczenie elementów:

- ⊛ - źródło wszechkierunkowe
- - punkt obserwacji
- ▨ - źródło przestrzenne
- ▨ - ekran akustyczny
- ⊞ - źródło liniowe



x	y	z	L	tia	L	A				
55.0	35.0	1.5	0.0	52.7	85.0	95.0	1.5	0.0	54.9	
55.0	45.0	1.5	0.0	52.4	85.0	102.7	1.5	0.0	55.0	
55.0	55.0	1.5	0.0	52.7	85.0	105.0	1.5	0.0	55.1	
55.0	65.0	1.5	0.0	52.7	85.0	115.0	1.5	0.0	54.2	
55.0	75.0	1.5	0.0	53.1	85.0	125.0	1.5	0.0	54.5	
55.0	81.8	1.5	0.0	53.2	85.0	134.1	1.5	0.0	54.5	
55.0	85.0	1.5	0.0	53.4	85.0	145.0	1.5	0.0	54.6	
55.0	95.0	1.5	0.0	52.2	85.0	149.4	1.5	0.0	54.5	
55.0	102.7	1.5	0.0	52.3	85.0	155.0	1.5	0.0	54.5	
55.0	105.0	1.5	0.0	52.3	85.0	165.0	1.5	0.0	54.1	
55.0	115.0	1.5	0.0	52.5	85.0	175.0	1.5	0.0	55.5	
55.0	125.0	1.5	0.0	53.1	85.0	179.1	1.5	0.0	54.9	
55.0	134.1	1.5	0.0	53.1	85.0	185.0	1.5	0.0	53.0	
55.0	145.0	1.5	0.0	52.8	85.0	187.8	1.5	0.0	52.8	
55.0	149.4	1.5	0.0	52.7	85.0	191.2	1.5	0.0	52.9	
55.0	155.0	1.5	0.0	52.5	85.0	192.6	1.5	0.0	52.1	
55.0	165.0	1.5	0.0	51.9	85.0	193.9	1.5	0.0	51.9	
55.0	175.0	1.5	0.0	51.9	85.0	195.0	1.5	0.0	51.3	
55.0	179.1	1.5	0.0	52.1	85.0	205.0	1.5	0.0	49.9	
55.0	185.0	1.5	0.0	51.9	85.0	215.0	1.5	0.0	43.4	
55.0	187.8	1.5	0.0	51.9	85.0	225.0	1.5	0.0	42.7	
55.0	191.2	1.5	0.0	51.8	85.0	235.0	1.5	0.0	42.4	
55.0	192.6	1.5	0.0	53.6	85.0	245.0	1.5	0.0	42.1	
55.0	193.9	1.5	0.0	50.7	85.0	260.0	1.5	0.0	41.9	
55.0	195.0	1.5	0.0	53.0	95.0	35.0	1.5	0.0	53.4	
55.0	205.0	1.5	0.0	51.2	95.0	45.0	1.5	0.0	53.8	
55.0	215.0	1.5	0.0	50.0	95.0	55.0	1.5	0.0	54.4	
55.0	225.0	1.5	0.0	48.8	95.0	65.0	1.5	0.0	54.4	
55.0	235.0	1.5	0.0	48.2	95.0	75.0	1.5	0.0	55.0	
55.0	245.0	1.5	0.0	42.6	95.0	81.8	1.5	0.0	55.2	
55.0	260.0	1.5	0.0	41.9	95.0	85.0	1.5	0.0	55.2	
65.0	35.0	1.5	0.0	53.1	95.0	95.0	1.5	0.0	55.5	
65.0	45.0	1.5	0.0	52.8	95.0	102.7	1.5	0.0	55.7	
65.0	55.0	1.5	0.0	52.9	95.0	105.0	1.5	0.0	55.7	
65.0	65.0	1.5	0.0	53.2	95.0	115.0	1.5	0.0	55.8	
65.0	75.0	1.5	0.0	53.6	95.0	125.0	1.5	0.0	54.9	
65.0	81.8	1.5	0.0	53.6	95.0	134.1	1.5	0.0	54.9	
65.0	85.0	1.5	0.0	53.7	95.0	145.0	1.5	0.0	55.1	
65.0	95.0	1.5	0.0	53.9	95.0	149.4	1.5	0.0	55.0	
65.0	102.7	1.5	0.0	52.8	95.0	155.0	1.5	0.0	55.1	
65.0	105.0	1.5	0.0	52.8	95.0	165.0	1.5	0.0	55.1	
65.0	115.0	1.5	0.0	53.0	95.0	175.0	1.5	0.0	55.5	
65.0	125.0	1.5	0.0	53.5	95.0	179.1	1.5	0.0	54.5	
65.0	134.1	1.5	0.0	53.6	95.0	185.0	1.5	0.0	52.9	
65.0	145.0	1.5	0.0	53.7	95.0	187.8	1.5	0.0	52.4	
65.0	149.4	1.5	0.0	53.2	95.0	191.2	1.5	0.0	51.3	
65.0	155.0	1.5	0.0	52.9	95.0	192.6	1.5	0.0	51.1	
65.0	165.0	1.5	0.0	52.4	95.0	193.9	1.5	0.0	51.0	
65.0	175.0	1.5	0.0	52.6	95.0	195.0	1.5	0.0	50.7	
65.0	179.1	1.5	0.0	52.6	95.0	205.0	1.5	0.0	43.8	
65.0	185.0	1.5	0.0	52.5	95.0	215.0	1.5	0.0	42.9	
65.0	187.8	1.5	0.0	51.3	95.0	225.0	1.5	0.0	42.4	
65.0	191.2	1.5	0.0	53.6	95.0	235.0	1.5	0.0	42.2	
65.0	192.6	1.5	0.0	53.5	95.0	245.0	1.5	0.0	42.1	
65.0	193.9	1.5	0.0	53.5	95.0	260.0	1.5	0.0	41.7	
65.0	195.0	1.5	0.0	52.1	105.0	35.0	1.5	0.0	53.8	
65.0	205.0	1.5	0.0	51.5	105.0	45.0	1.5	0.0	54.1	
65.0	215.0	1.5	0.0	49.4	105.0	55.0	1.5	0.0	54.5	
65.0	225.0	1.5	0.0	48.7	105.0	65.0	1.5	0.0	54.9	
65.0	235.0	1.5	0.0	42.9	105.0	75.0	1.5	0.0	55.4	
65.0	245.0	1.5	0.0	42.4	105.0	81.8	1.5	0.0	55.6	
65.0	260.0	1.5	0.0	41.8	105.0	85.0	1.5	0.0	55.7	
75.0	35.0	1.5	0.0	53.3	105.0	95.0	1.5	0.0	55.9	
75.0	45.0	1.5	0.0	53.7	105.0	102.7	1.5	0.0	56.1	
75.0	55.0	1.5	0.0	53.4	105.0	105.0	1.5	0.0	56.1	
75.0	65.0	1.5	0.0	53.6	105.0	115.0	1.5	0.0	56.4	
75.0	75.0	1.5	0.0	54.1	105.0	125.0	1.5	0.0	56.7	
75.0	81.8	1.5	0.0	54.2	105.0	134.1	1.5	0.0	55.9	
75.0	85.0	1.5	0.0	54.2	105.0	145.0	1.5	0.0	55.7	
75.0	95.0	1.5	0.0	54.4	105.0	149.4	1.5	0.0	55.7	
75.0	102.7	1.5	0.0	54.5	105.0	155.0	1.5	0.0	55.9	
75.0	105.0	1.5	0.0	54.5	105.0	165.0	1.5	0.0	56.9	
75.0	115.0	1.5	0.0	53.5	105.0	175.0	1.5	0.0	54.5	
75.0	125.0	1.5	0.0	54.0	105.0	179.1	1.5	0.0	53.4	
75.0	134.1	1.5	0.0	54.1	105.0	185.0	1.5	0.0	51.8	
75.0	145.0	1.5	0.0	54.2	105.0	187.8	1.5	0.0	51.4	
75.0	149.4	1.5	0.0	54.1	105.0	191.2	1.5	0.0	50.8	
75.0	155.0	1.5	0.0	53.4	105.0	192.6	1.5	0.0	50.7	
75.0	165.0	1.5	0.0	53.3	105.0	193.9	1.5	0.0	44.8	
75.0	175.0	1.5	0.0	53.4	105.0	195.0	1.5	0.0	44.8	
75.0	179.1	1.5	0.0	53.1	105.0	205.0	1.5	0.0	43.0	
75.0	185.0	1.5	0.0	54.2	105.0	215.0	1.5	0.0	42.4	
75.0	187.8	1.5	0.0	54.0	105.0	225.0	1.5	0.0	42.2	
75.0	191.2	1.5	0.0	52.2	105.0	235.0	1.5	0.0	42.1	
75.0	192.6	1.5	0.0	52.2	105.0	245.0	1.5	0.0	42.1	
75.0	193.9	1.5	0.0	53.1	105.0	260.0	1.5	0.0	41.7	
75.0	195.0	1.5	0.0	52.1	115.0	35.0	1.5	0.0	54.2	
75.0	205.0	1.5	0.0	50.4	115.0	45.0	1.5	0.0	54.5	
75.0	215.0	1.5	0.0	49.2	115.0	55.0	1.5	0.0	54.8	
75.0	225.0	1.5	0.0	43.2	115.0	65.0	1.5	0.0	55.4	
75.0	235.0	1.5	0.0	42.6	115.0	75.0	1.5	0.0	55.6	
75.0	245.0	1.5	0.0	42.2	115.0	81.8	1.5	0.0	56.0	
75.0	260.0	1.5	0.0	41.8	115.0	85.0	1.5	0.0	56.1	
85.0	35.0	1.5	0.0	53.2	115.0	95.0	1.5	0.0	56.3	
85.0	45.0	1.5	0.0	53.8	115.0	102.7	1.5	0.0	56.6	
85.0	55.0	1.5	0.0	53.7	115.0	105.0	1.5	0.0	56.6	
85.0	65.0	1.5	0.0	54.0	115.0	105.0	1.5	0.0	56.9	
85.0	75.0	1.5	0.0	54.6	115.0	115.0	1.5	0.0	56.9	
85.0	81.8	1.5	0.0	54.7	115.0	125.0	1.5	0.0	57.3	
85.0	85.0	1.5	0.0	54.8	115.0	134.1	1.5	0.0	57.6	
					115.0	145.0	1.5	0.0	56.8	
					115.0	149.4	1.5	0.0	56.8	
					115.0	155.0	1.5	0.0	57.0	

115.0	165.0	1.5	0.0	57.2	145.0	205.0	1.5	0.0	43.0
115.0	175.0	1.5	0.0	53.8	145.0	215.0	1.5	0.0	42.6
115.0	179.1	1.5	0.0	53.1	145.0	225.0	1.5	0.0	42.7
115.0	185.0	1.5	0.0	45.3	145.0	235.0	1.5	0.0	43.1
115.0	187.8	1.5	0.0	44.5	145.0	245.0	1.5	0.0	43.4
115.0	191.2	1.5	0.0	43.8	145.0	260.0	1.5	0.0	44.1
115.0	192.6	1.5	0.0	43.7	155.0	35.0	1.5	0.0	56.0
115.0	193.9	1.5	0.0	43.6	155.0	45.0	1.5	0.0	56.4
115.0	195.0	1.5	0.0	43.5	155.0	55.0	1.5	0.0	57.2
115.0	205.0	1.5	0.0	43.2	155.0	65.0	1.5	0.0	57.5
115.0	215.0	1.5	0.0	42.1	155.0	75.0	1.5	0.0	58.0
115.0	225.0	1.5	0.0	41.9	155.0	81.8	1.5	0.0	58.2
115.0	235.0	1.5	0.0	41.9	155.0	85.0	1.5	0.0	58.3
115.0	245.0	1.5	0.0	41.8	155.0	95.0	1.5	0.0	58.1
115.0	260.0	1.5	0.0	42.2	155.0	102.7	1.5	0.0	58.0
125.0	35.0	1.5	0.0	54.6	155.0	105.0	1.5	0.0	58.1
125.0	45.0	1.5	0.0	54.9	155.0	115.0	1.5	0.0	58.4
125.0	55.0	1.5	0.0	55.2	155.0	125.0	1.5	0.0	59.2
125.0	65.0	1.5	0.0	55.8	155.0	134.1	1.5	0.0	60.5
125.0	75.0	1.5	0.0	55.7	155.0	145.0	1.5	0.0	59.6
125.0	81.8	1.5	0.0	56.1	155.0	149.4	1.5	0.0	59.5
125.0	85.0	1.5	0.0	56.4	155.0	155.0	1.5	0.0	59.3
125.0	95.0	1.5	0.0	56.9	155.0	165.0	1.5	0.0	59.6
125.0	102.7	1.5	0.0	57.0	155.0	175.0	1.5	0.0	58.5
125.0	105.0	1.5	0.0	57.1	155.0	179.1	1.5	0.0	58.5
125.0	115.0	1.5	0.0	57.4	155.0	185.0	1.5	0.0	58.1
125.0	125.0	1.5	0.0	57.8	155.0	187.8	1.5	0.0	42.3
125.0	134.1	1.5	0.0	58.2	155.0	191.2	1.5	0.0	42.3
125.0	145.0	1.5	0.0	57.5	155.0	192.6	1.5	0.0	42.5
125.0	149.4	1.5	0.0	58.0	155.0	193.9	1.5	0.0	42.6
125.0	155.0	1.5	0.0	59.0	155.0	195.0	1.5	0.0	43.0
125.0	165.0	1.5	0.0	56.9	155.0	205.0	1.5	0.0	42.9
125.0	175.0	1.5	0.0	53.8	155.0	215.0	1.5	0.0	42.6
125.0	179.1	1.5	0.0	44.8	155.0	225.0	1.5	0.0	43.0
125.0	185.0	1.5	0.0	43.4	155.0	235.0	1.5	0.0	43.4
125.0	187.8	1.5	0.0	43.2	155.0	245.0	1.5	0.0	43.9
125.0	191.2	1.5	0.0	42.8	155.0	260.0	1.5	0.0	45.3
125.0	192.6	1.5	0.0	42.7	165.0	35.0	1.5	0.0	56.4
125.0	193.9	1.5	0.0	42.6	165.0	45.0	1.5	0.0	56.8
125.0	195.0	1.5	0.0	42.5	165.0	55.0	1.5	0.0	57.6
125.0	205.0	1.5	0.0	42.7	165.0	65.0	1.5	0.0	58.2
125.0	215.0	1.5	0.0	41.6	165.0	75.0	1.5	0.0	58.7
125.0	225.0	1.5	0.0	41.8	165.0	81.8	1.5	0.0	58.9
125.0	235.0	1.5	0.0	41.7	165.0	85.0	1.5	0.0	59.0
125.0	245.0	1.5	0.0	41.7	165.0	95.0	1.5	0.0	59.1
125.0	260.0	1.5	0.0	43.4	165.0	102.7	1.5	0.0	58.7
135.0	35.0	1.5	0.0	55.1	165.0	105.0	1.5	0.0	58.7
135.0	45.0	1.5	0.0	55.4	165.0	115.0	1.5	0.0	58.1
135.0	55.0	1.5	0.0	55.7	165.0	125.0	1.5	0.0	55.7
135.0	65.0	1.5	0.0	56.4	165.0	134.1	1.5	0.0	59.5
135.0	75.0	1.5	0.0	56.7	165.0	145.0	1.5	0.0	62.2
135.0	81.8	1.5	0.0	56.5	165.0	149.4	1.5	0.0	61.1
135.0	85.0	1.5	0.0	56.6	165.0	155.0	1.5	0.0	60.4
135.0	95.0	1.5	0.0	57.0	165.0	165.0	1.5	0.0	60.3
135.0	102.7	1.5	0.0	57.6	165.0	175.0	1.5	0.0	59.1
135.0	105.0	1.5	0.0	57.6	165.0	179.1	1.5	0.0	59.1
135.0	115.0	1.5	0.0	57.9	165.0	185.0	1.5	0.0	59.0
135.0	125.0	1.5	0.0	58.5	165.0	187.8	1.5	0.0	59.0
135.0	134.1	1.5	0.0	58.9	165.0	191.2	1.5	0.0	42.6
135.0	145.0	1.5	0.0	59.4	165.0	192.6	1.5	0.0	42.7
135.0	149.4	1.5	0.0	60.2	165.0	193.9	1.5	0.0	42.5
135.0	155.0	1.5	0.0	57.9	165.0	195.0	1.5	0.0	42.6
135.0	165.0	1.5	0.0	57.0	165.0	205.0	1.5	0.0	43.0
135.0	175.0	1.5	0.0	56.8	165.0	215.0	1.5	0.0	42.8
135.0	179.1	1.5	0.0	41.0	165.0	225.0	1.5	0.0	43.3
135.0	185.0	1.5	0.0	41.2	165.0	235.0	1.5	0.0	44.0
135.0	187.8	1.5	0.0	41.5	165.0	245.0	1.5	0.0	45.1
135.0	191.2	1.5	0.0	41.5	165.0	260.0	1.5	0.0	47.0
135.0	192.6	1.5	0.0	41.5	168.7	35.0	1.5	0.0	56.6
135.0	193.9	1.5	0.0	41.6	168.7	45.0	1.5	0.0	57.0
135.0	195.0	1.5	0.0	41.7	168.7	55.0	1.5	0.0	57.9
135.0	205.0	1.5	0.0	42.4	168.7	65.0	1.5	0.0	58.5
135.0	215.0	1.5	0.0	41.5	168.7	75.0	1.5	0.0	59.0
135.0	225.0	1.5	0.0	41.5	168.7	81.8	1.5	0.0	59.2
135.0	235.0	1.5	0.0	42.8	168.7	85.0	1.5	0.0	59.3
135.0	245.0	1.5	0.0	43.2	168.7	95.0	1.5	0.0	59.4
135.0	260.0	1.5	0.0	43.7	168.7	102.7	1.5	0.0	59.2
145.0	35.0	1.5	0.0	55.7	168.7	105.0	1.5	0.0	59.1
145.0	45.0	1.5	0.0	56.0	168.7	115.0	1.5	0.0	57.8
145.0	55.0	1.5	0.0	56.3	168.7	125.0	1.5	0.0	67.6
145.0	65.0	1.5	0.0	57.0	168.7	134.1	1.5	0.0	-1.0
145.0	75.0	1.5	0.0	57.3	168.7	145.0	1.5	0.0	65.0
145.0	81.8	1.5	0.0	57.5	168.7	149.4	1.5	0.0	61.8
145.0	85.0	1.5	0.0	57.6	168.7	155.0	1.5	0.0	60.9
145.0	95.0	1.5	0.0	57.5	168.7	165.0	1.5	0.0	60.7
145.0	102.7	1.5	0.0	57.7	168.7	175.0	1.5	0.0	60.3
145.0	105.0	1.5	0.0	57.9	168.7	179.1	1.5	0.0	59.3
145.0	115.0	1.5	0.0	58.4	168.7	185.0	1.5	0.0	59.2
145.0	125.0	1.5	0.0	59.0	168.7	187.8	1.5	0.0	59.2
145.0	134.1	1.5	0.0	59.5	168.7	191.2	1.5	0.0	-1.0
145.0	145.0	1.5	0.0	59.8	168.7	192.6	1.5	0.0	42.8
145.0	149.4	1.5	0.0	59.1	168.7	193.9	1.5	0.0	43.0
145.0	155.0	1.5	0.0	58.9	168.7	195.0	1.5	0.0	42.5
145.0	165.0	1.5	0.0	57.5	168.7	205.0	1.5	0.0	43.0
145.0	175.0	1.5	0.0	57.3	168.7	215.0	1.5	0.0	42.9
145.0	179.1	1.5	0.0	57.3	168.7	225.0	1.5	0.0	43.4
145.0	185.0	1.5	0.0	40.6	168.7	235.0	1.5	0.0	44.3
145.0	187.8	1.5	0.0	40.9	168.7	245.0	1.5	0.0	45.4
145.0	191.2	1.5	0.0	41.2	168.7	260.0	1.5	0.0	47.7
145.0	192.6	1.5	0.0	42.0	175.0	35.0	1.5	0.0	56.7
145.0	193.9	1.5	0.0	41.4	175.0	45.0	1.5	0.0	57.3
145.0	195.0	1.5	0.0	42.8	175.0	55.0	1.5	0.0	58.5

175.0	65.0	1.5	0.0	59.0	202.6	134.1	1.5	0.0	68.6
175.0	75.0	1.5	0.0	59.7	202.6	145.0	1.5	0.0	67.3
175.0	81.8	1.5	0.0	59.9	202.6	149.4	1.5	0.0	67.1
175.0	85.0	1.5	0.0	60.1	202.6	155.0	1.5	0.0	66.9
175.0	95.0	1.5	0.0	60.1	202.6	165.0	1.5	0.0	66.5
175.0	102.7	1.5	0.0	59.3	202.6	175.0	1.5	0.0	65.4
175.0	105.0	1.5	0.0	59.0	202.6	179.1	1.5	0.0	64.0
175.0	115.0	1.5	0.0	54.2	202.6	185.0	1.5	0.0	63.5
175.0	125.0	1.5	0.0	67.8	202.6	187.8	1.5	0.0	63.2
175.0	134.1	1.5	0.0	67.5	202.6	191.2	1.5	0.0	63.1
175.0	145.0	1.5	0.0	61.1	202.6	192.6	1.5	0.0	63.1
175.0	149.4	1.5	0.0	65.0	202.6	193.9	1.5	0.0	63.1
175.0	155.0	1.5	0.0	61.9	202.6	195.0	1.5	0.0	63.1
175.0	165.0	1.5	0.0	61.1	202.6	205.0	1.5	0.0	-1.0
175.0	175.0	1.5	0.0	61.0	202.6	215.0	1.5	0.0	49.4
175.0	179.1	1.5	0.0	60.9	202.6	225.0	1.5	0.0	49.6
175.0	185.0	1.5	0.0	59.9	202.6	235.0	1.5	0.0	50.0
175.0	187.8	1.5	0.0	59.8	202.6	245.0	1.5	0.0	49.4
175.0	191.2	1.5	0.0	59.7	202.6	260.0	1.5	0.0	49.4
175.0	192.6	1.5	0.0	59.4	205.0	35.0	1.5	0.0	58.1
175.0	193.9	1.5	0.0	-1.0	205.0	45.0	1.5	0.0	59.3
175.0	195.0	1.5	0.0	42.6	205.0	55.0	1.5	0.0	60.2
175.0	205.0	1.5	0.0	43.1	205.0	65.0	1.5	0.0	60.5
175.0	215.0	1.5	0.0	43.1	205.0	75.0	1.5	0.0	58.8
175.0	225.0	1.5	0.0	43.9	205.0	81.8	1.5	0.0	74.6
175.0	235.0	1.5	0.0	45.2	205.0	85.0	1.5	0.0	75.0
175.0	245.0	1.5	0.0	47.0	205.0	95.0	1.5	0.0	75.9
175.0	260.0	1.5	0.0	47.3	205.0	102.7	1.5	0.0	75.0
184.6	35.0	1.5	0.0	57.3	205.0	105.0	1.5	0.0	74.5
184.6	45.0	1.5	0.0	58.0	205.0	115.0	1.5	0.0	71.4
184.6	55.0	1.5	0.0	59.2	205.0	125.0	1.5	0.0	69.5
184.6	65.0	1.5	0.0	59.8	205.0	134.1	1.5	0.0	68.8
184.6	75.0	1.5	0.0	60.4	205.0	145.0	1.5	0.0	67.4
184.6	81.8	1.5	0.0	60.5	205.0	149.4	1.5	0.0	67.2
184.6	85.0	1.5	0.0	60.5	205.0	155.0	1.5	0.0	66.9
184.6	95.0	1.5	0.0	59.2	205.0	165.0	1.5	0.0	66.6
184.6	102.7	1.5	0.0	56.3	205.0	175.0	1.5	0.0	66.5
184.6	105.0	1.5	0.0	70.3	205.0	179.1	1.5	0.0	64.5
184.6	115.0	1.5	0.0	69.0	205.0	185.0	1.5	0.0	63.6
184.6	125.0	1.5	0.0	68.2	205.0	187.8	1.5	0.0	63.4
184.6	134.1	1.5	0.0	67.8	205.0	191.2	1.5	0.0	64.1
184.6	145.0	1.5	0.0	67.4	205.0	192.6	1.5	0.0	64.1
184.6	149.4	1.5	0.0	-1.0	205.0	193.9	1.5	0.0	64.0
184.6	155.0	1.5	0.0	62.2	205.0	195.0	1.5	0.0	64.0
184.6	165.0	1.5	0.0	62.0	205.0	205.0	1.5	0.0	-1.0
184.6	175.0	1.5	0.0	61.5	205.0	215.0	1.5	0.0	51.8
184.6	179.1	1.5	0.0	61.4	205.0	225.0	1.5	0.0	52.8
184.6	185.0	1.5	0.0	61.4	205.0	235.0	1.5	0.0	50.4
184.6	187.8	1.5	0.0	60.7	205.0	245.0	1.5	0.0	50.4
184.6	191.2	1.5	0.0	60.5	205.0	260.0	1.5	0.0	50.2
184.6	192.6	1.5	0.0	60.5	215.0	35.0	1.5	0.0	57.8
184.6	193.9	1.5	0.0	60.5	215.0	45.0	1.5	0.0	59.4
184.6	195.0	1.5	0.0	60.6	215.0	55.0	1.5	0.0	59.4
184.6	205.0	1.5	0.0	44.2	215.0	65.0	1.5	0.0	54.8
184.6	215.0	1.5	0.0	43.7	215.0	75.0	1.5	0.0	73.3
184.6	225.0	1.5	0.0	45.3	215.0	81.8	1.5	0.0	75.7
184.6	235.0	1.5	0.0	47.9	215.0	85.0	1.5	0.0	77.3
184.6	245.0	1.5	0.0	48.3	215.0	95.0	1.5	0.0	85.0
184.6	260.0	1.5	0.0	47.1	215.0	102.7	1.5	0.0	80.0
195.0	35.0	1.5	0.0	57.8	215.0	105.0	1.5	0.0	78.1
195.0	45.0	1.5	0.0	58.6	215.0	115.0	1.5	0.0	73.6
195.0	55.0	1.5	0.0	59.8	215.0	125.0	1.5	0.0	70.8
195.0	65.0	1.5	0.0	60.5	215.0	134.1	1.5	0.0	69.7
195.0	75.0	1.5	0.0	60.8	215.0	145.0	1.5	0.0	67.9
195.0	81.8	1.5	0.0	60.1	215.0	149.4	1.5	0.0	67.5
195.0	85.0	1.5	0.0	59.4	215.0	155.0	1.5	0.0	67.0
195.0	95.0	1.5	0.0	72.6	215.0	165.0	1.5	0.0	66.2
195.0	102.7	1.5	0.0	71.6	215.0	175.0	1.5	0.0	65.3
195.0	105.0	1.5	0.0	71.2	215.0	179.1	1.5	0.0	65.6
195.0	115.0	1.5	0.0	69.9	215.0	185.0	1.5	0.0	66.6
195.0	125.0	1.5	0.0	68.8	215.0	187.8	1.5	0.0	65.2
195.0	134.1	1.5	0.0	68.2	215.0	191.2	1.5	0.0	64.8
195.0	145.0	1.5	0.0	67.5	215.0	192.6	1.5	0.0	64.7
195.0	149.4	1.5	0.0	67.0	215.0	193.9	1.5	0.0	64.6
195.0	155.0	1.5	0.0	66.9	215.0	195.0	1.5	0.0	64.5
195.0	165.0	1.5	0.0	63.8	215.0	205.0	1.5	0.0	63.1
195.0	175.0	1.5	0.0	62.5	215.0	215.0	1.5	0.0	48.8
195.0	179.1	1.5	0.0	62.5	215.0	225.0	1.5	0.0	47.5
195.0	185.0	1.5	0.0	62.7	215.0	235.0	1.5	0.0	50.8
195.0	187.8	1.5	0.0	62.7	215.0	245.0	1.5	0.0	50.1
195.0	191.2	1.5	0.0	62.8	215.0	260.0	1.5	0.0	49.1
195.0	192.6	1.5	0.0	62.8	225.0	35.0	1.5	0.0	57.6
195.0	193.9	1.5	0.0	62.9	225.0	45.0	1.5	0.0	58.5
195.0	195.0	1.5	0.0	62.9	225.0	55.0	1.5	0.0	69.1
195.0	205.0	1.5	0.0	45.2	225.0	65.0	1.5	0.0	70.4
195.0	215.0	1.5	0.0	45.3	225.0	75.0	1.5	0.0	72.5
195.0	225.0	1.5	0.0	49.4	225.0	81.8	1.5	0.0	75.2
195.0	235.0	1.5	0.0	48.4	225.0	85.0	1.5	0.0	76.5
195.0	245.0	1.5	0.0	48.3	225.0	95.0	1.5	0.0	83.0
195.0	260.0	1.5	0.0	48.3	225.0	102.7	1.5	0.0	79.4
202.6	35.0	1.5	0.0	58.0	225.0	105.0	1.5	0.0	77.8
202.6	45.0	1.5	0.0	59.2	225.0	115.0	1.5	0.0	74.3
202.6	55.0	1.5	0.0	60.1	225.0	125.0	1.5	0.0	72.9
202.6	65.0	1.5	0.0	60.5	225.0	134.1	1.5	0.0	71.3
202.6	75.0	1.5	0.0	60.2	225.0	145.0	1.5	0.0	68.4
202.6	81.8	1.5	0.0	-1.0	225.0	149.4	1.5	0.0	67.8
202.6	85.0	1.5	0.0	74.7	225.0	155.0	1.5	0.0	67.0
202.6	95.0	1.5	0.0	74.9	225.0	165.0	1.5	0.0	66.3
202.6	102.7	1.5	0.0	74.1	225.0	175.0	1.5	0.0	66.4
202.6	105.0	1.5	0.0	73.7	225.0	179.1	1.5	0.0	67.8
202.6	115.0	1.5	0.0	71.2	225.0	185.0	1.5	0.0	66.0
202.6	125.0	1.5	0.0	69.3	225.0	187.8	1.5	0.0	65.2



225.0	191.2	1.5	0.0	64.3	245.0	260.0	1.5	0.0	47.4
225.0	192.6	1.5	0.0	64.2	251.3	35.0	1.5	0.0	58.1
225.0	193.9	1.5	0.0	64.1	251.3	45.0	1.5	0.0	55.9
225.0	195.0	1.5	0.0	64.0	251.3	55.0	1.5	0.0	67.9
225.0	205.0	1.5	0.0	43.0	251.3	65.0	1.5	0.0	68.3
225.0	215.0	1.5	0.0	44.5	251.3	75.0	1.5	0.0	68.9
225.0	225.0	1.5	0.0	45.7	251.3	81.8	1.5	0.0	69.2
225.0	235.0	1.5	0.0	46.6	251.3	85.0	1.5	0.0	69.5
225.0	245.0	1.5	0.0	47.6	251.3	95.0	1.5	0.0	70.3
225.0	260.0	1.5	0.0	48.6	251.3	102.7	1.5	0.0	71.2
235.0	35.0	1.5	0.0	56.4	251.3	105.0	1.5	0.0	71.6
235.0	45.0	1.5	0.0	67.7	251.3	115.0	1.5	0.0	74.4
235.0	55.0	1.5	0.0	68.4	251.3	125.0	1.5	0.0	-1.0
235.0	65.0	1.5	0.0	69.2	251.3	134.1	1.5	0.0	-1.0
235.0	75.0	1.5	0.0	70.9	251.3	145.0	1.5	0.0	-1.0
235.0	81.8	1.5	0.0	72.6	251.3	149.4	1.5	0.0	69.9
235.0	85.0	1.5	0.0	73.5	251.3	155.0	1.5	0.0	69.0
235.0	95.0	1.5	0.0	74.8	251.3	165.0	1.5	0.0	66.3
235.0	102.7	1.5	0.0	74.6	251.3	175.0	1.5	0.0	68.1
235.0	105.0	1.5	0.0	74.5	251.3	179.1	1.5	0.0	65.9
235.0	115.0	1.5	0.0	75.9	251.3	185.0	1.5	0.0	65.4
235.0	125.0	1.5	0.0	77.7	251.3	187.8	1.5	0.0	65.5
235.0	134.1	1.5	0.0	75.4	251.3	191.2	1.5	0.0	44.3
235.0	145.0	1.5	0.0	68.8	251.3	192.6	1.5	0.0	44.4
235.0	149.4	1.5	0.0	67.9	251.3	193.9	1.5	0.0	44.5
235.0	155.0	1.5	0.0	67.0	251.3	195.0	1.5	0.0	44.6
235.0	165.0	1.5	0.0	66.4	251.3	205.0	1.5	0.0	45.6
235.0	175.0	1.5	0.0	66.4	251.3	215.0	1.5	0.0	46.3
235.0	179.1	1.5	0.0	68.0	251.3	225.0	1.5	0.0	47.0
235.0	185.0	1.5	0.0	65.1	251.3	235.0	1.5	0.0	47.2
235.0	187.8	1.5	0.0	64.8	251.3	245.0	1.5	0.0	47.1
235.0	191.2	1.5	0.0	64.6	251.3	260.0	1.5	0.0	48.5
235.0	192.6	1.5	0.0	64.5	255.0	35.0	1.5	0.0	58.3
235.0	193.9	1.5	0.0	64.5	255.0	45.0	1.5	0.0	57.8
235.0	195.0	1.5	0.0	64.5	255.0	55.0	1.5	0.0	67.9
235.0	205.0	1.5	0.0	43.6	255.0	65.0	1.5	0.0	68.2
235.0	215.0	1.5	0.0	44.6	255.0	75.0	1.5	0.0	68.6
235.0	225.0	1.5	0.0	45.2	255.0	81.8	1.5	0.0	69.0
235.0	235.0	1.5	0.0	45.9	255.0	85.0	1.5	0.0	69.2
235.0	245.0	1.5	0.0	46.6	255.0	95.0	1.5	0.0	69.9
235.0	260.0	1.5	0.0	47.4	255.0	102.7	1.5	0.0	70.8
242.0	35.0	1.5	0.0	59.8	255.0	105.0	1.5	0.0	71.2
242.0	45.0	1.5	0.0	67.6	255.0	115.0	1.5	0.0	72.4
242.0	55.0	1.5	0.0	68.1	255.0	125.0	1.5	0.0	-1.0
242.0	65.0	1.5	0.0	68.8	255.0	134.1	1.5	0.0	-1.0
242.0	75.0	1.5	0.0	69.7	255.0	145.0	1.5	0.0	72.2
242.0	81.8	1.5	0.0	70.7	255.0	149.4	1.5	0.0	69.1
242.0	85.0	1.5	0.0	71.2	255.0	155.0	1.5	0.0	68.5
242.0	95.0	1.5	0.0	72.3	255.0	165.0	1.5	0.0	66.1
242.0	102.7	1.5	0.0	73.0	255.0	175.0	1.5	0.0	66.9
242.0	105.0	1.5	0.0	73.3	255.0	179.1	1.5	0.0	65.9
242.0	115.0	1.5	0.0	76.8	255.0	185.0	1.5	0.0	65.6
242.0	125.0	1.5	0.0	80.9	255.0	187.8	1.5	0.0	-1.0
242.0	134.1	1.5	0.0	-1.0	255.0	191.2	1.5	0.0	44.8
242.0	145.0	1.5	0.0	71.0	255.0	192.6	1.5	0.0	45.0
242.0	149.4	1.5	0.0	68.9	255.0	193.9	1.5	0.0	45.1
242.0	155.0	1.5	0.0	68.1	255.0	195.0	1.5	0.0	45.3
242.0	165.0	1.5	0.0	68.5	255.0	205.0	1.5	0.0	46.4
242.0	175.0	1.5	0.0	66.6	255.0	215.0	1.5	0.0	47.1
242.0	179.1	1.5	0.0	66.6	255.0	225.0	1.5	0.0	46.7
242.0	185.0	1.5	0.0	65.2	255.0	235.0	1.5	0.0	47.0
242.0	187.8	1.5	0.0	65.0	255.0	245.0	1.5	0.0	49.0
242.0	191.2	1.5	0.0	64.8	255.0	260.0	1.5	0.0	48.2
242.0	192.6	1.5	0.0	64.8	265.0	35.0	1.5	0.0	58.5
242.0	193.9	1.5	0.0	-1.0	265.0	45.0	1.5	0.0	58.7
242.0	195.0	1.5	0.0	43.7	265.0	55.0	1.5	0.0	58.6
242.0	205.0	1.5	0.0	44.3	265.0	65.0	1.5	0.0	-1.0
242.0	215.0	1.5	0.0	45.1	265.0	75.0	1.5	0.0	68.4
242.0	225.0	1.5	0.0	45.8	265.0	81.8	1.5	0.0	68.7
242.0	235.0	1.5	0.0	46.4	265.0	85.0	1.5	0.0	68.9
242.0	245.0	1.5	0.0	47.1	265.0	95.0	1.5	0.0	69.3
242.0	260.0	1.5	0.0	47.8	265.0	102.7	1.5	0.0	69.8
245.0	35.0	1.5	0.0	58.1	265.0	105.0	1.5	0.0	70.1
245.0	45.0	1.5	0.0	67.6	265.0	115.0	1.5	0.0	70.2
245.0	55.0	1.5	0.0	68.0	265.0	125.0	1.5	0.0	70.4
245.0	65.0	1.5	0.0	68.6	265.0	134.1	1.5	0.0	-1.0
245.0	75.0	1.5	0.0	69.3	265.0	145.0	1.5	0.0	69.5
245.0	81.8	1.5	0.0	70.1	265.0	149.4	1.5	0.0	67.4
245.0	85.0	1.5	0.0	70.5	265.0	155.0	1.5	0.0	66.4
245.0	95.0	1.5	0.0	71.5	265.0	165.0	1.5	0.0	65.4
245.0	102.7	1.5	0.0	72.6	265.0	175.0	1.5	0.0	65.5
245.0	105.0	1.5	0.0	72.9	265.0	179.1	1.5	0.0	65.7
245.0	115.0	1.5	0.0	75.9	265.0	185.0	1.5	0.0	46.5
245.0	125.0	1.5	0.0	79.4	265.0	187.8	1.5	0.0	47.3
245.0	134.1	1.5	0.0	-1.0	265.0	191.2	1.5	0.0	47.8
245.0	145.0	1.5	0.0	-1.0	265.0	192.6	1.5	0.0	48.1
245.0	149.4	1.5	0.0	69.8	265.0	193.9	1.5	0.0	48.3
245.0	155.0	1.5	0.0	68.3	265.0	195.0	1.5	0.0	48.1
245.0	165.0	1.5	0.0	66.9	265.0	205.0	1.5	0.0	47.5
245.0	175.0	1.5	0.0	67.4	265.0	215.0	1.5	0.0	49.5
245.0	179.1	1.5	0.0	66.1	265.0	225.0	1.5	0.0	49.4
245.0	185.0	1.5	0.0	65.2	265.0	235.0	1.5	0.0	48.6
245.0	187.8	1.5	0.0	65.1	265.0	245.0	1.5	0.0	48.1
245.0	191.2	1.5	0.0	65.0	265.0	260.0	1.5	0.0	47.3
245.0	192.6	1.5	0.0	-1.0	275.0	35.0	1.5	0.0	58.3
245.0	193.9	1.5	0.0	43.9	275.0	45.0	1.5	0.0	58.9
245.0	195.0	1.5	0.0	43.9	275.0	55.0	1.5	0.0	59.4
245.0	205.0	1.5	0.0	44.8	275.0	65.0	1.5	0.0	59.2
245.0	215.0	1.5	0.0	45.4	275.0	75.0	1.5	0.0	54.5
245.0	225.0	1.5	0.0	46.1	275.0	81.8	1.5	0.0	69.0
245.0	235.0	1.5	0.0	46.7	275.0	85.0	1.5	0.0	69.2
245.0	245.0	1.5	0.0	47.1	275.0	95.0	1.5	0.0	70.2

275.0	102.7	1.5	0.0	70.6	295.0	175.0	1.5	0.0	63.8
275.0	105.0	1.5	0.0	71.0	295.0	179.1	1.5	0.0	63.4
275.0	115.0	1.5	0.0	69.9	295.0	185.0	1.5	0.0	63.3
275.0	125.0	1.5	0.0	69.1	295.0	187.8	1.5	0.0	-1.0
275.0	134.1	1.5	0.0	68.7	295.0	191.2	1.5	0.0	45.4
275.0	145.0	1.5	0.0	66.5	295.0	192.6	1.5	0.0	45.6
275.0	149.4	1.5	0.0	65.7	295.0	193.9	1.5	0.0	46.0
275.0	155.0	1.5	0.0	65.0	295.0	195.0	1.5	0.0	46.3
275.0	165.0	1.5	0.0	65.3	295.0	205.0	1.5	0.0	49.6
275.0	175.0	1.5	0.0	62.8	295.0	215.0	1.5	0.0	47.2
275.0	179.1	1.5	0.0	62.9	295.0	225.0	1.5	0.0	48.1
275.0	185.0	1.5	0.0	51.2	295.0	235.0	1.5	0.0	47.5
275.0	187.8	1.5	0.0	50.2	295.0	245.0	1.5	0.0	47.0
275.0	191.2	1.5	0.0	49.8	295.0	260.0	1.5	0.0	46.7
275.0	192.6	1.5	0.0	49.4	297.0	35.0	1.5	0.0	57.5
275.0	193.9	1.5	0.0	49.1	297.0	45.0	1.5	0.0	58.1
275.0	195.0	1.5	0.0	48.9	297.0	55.0	1.5	0.0	58.9
275.0	205.0	1.5	0.0	47.9	297.0	65.0	1.5	0.0	59.6
275.0	215.0	1.5	0.0	47.3	297.0	75.0	1.5	0.0	60.7
275.0	225.0	1.5	0.0	47.0	297.0	81.8	1.5	0.0	61.7
275.0	235.0	1.5	0.0	47.0	297.0	85.0	1.5	0.0	62.4
275.0	245.0	1.5	0.0	47.3	297.0	95.0	1.5	0.0	65.0
275.0	260.0	1.5	0.0	46.7	297.0	102.7	1.5	0.0	-1.0
285.0	35.0	1.5	0.0	58.0	297.0	105.0	1.5	0.0	85.3
285.0	45.0	1.5	0.0	58.5	297.0	115.0	1.5	0.0	74.0
285.0	55.0	1.5	0.0	59.2	297.0	125.0	1.5	0.0	69.6
285.0	65.0	1.5	0.0	59.7	297.0	134.1	1.5	0.0	67.4
285.0	75.0	1.5	0.0	60.4	297.0	145.0	1.5	0.0	66.7
285.0	81.8	1.5	0.0	60.2	297.0	149.4	1.5	0.0	68.2
285.0	85.0	1.5	0.0	58.8	297.0	155.0	1.5	0.0	65.3
285.0	95.0	1.5	0.0	72.7	297.0	165.0	1.5	0.0	63.8
285.0	102.7	1.5	0.0	74.3	297.0	175.0	1.5	0.0	63.7
285.0	105.0	1.5	0.0	74.6	297.0	179.1	1.5	0.0	63.3
285.0	115.0	1.5	0.0	71.8	297.0	185.0	1.5	0.0	63.1
285.0	125.0	1.5	0.0	69.3	297.0	187.8	1.5	0.0	63.1
285.0	134.1	1.5	0.0	68.3	297.0	191.2	1.5	0.0	45.0
285.0	145.0	1.5	0.0	66.4	297.0	192.6	1.5	0.0	45.2
285.0	149.4	1.5	0.0	65.7	297.0	193.9	1.5	0.0	45.5
285.0	155.0	1.5	0.0	64.9	297.0	195.0	1.5	0.0	45.8
285.0	165.0	1.5	0.0	65.6	297.0	205.0	1.5	0.0	49.1
285.0	175.0	1.5	0.0	63.2	297.0	215.0	1.5	0.0	48.4
285.0	179.1	1.5	0.0	64.1	297.0	225.0	1.5	0.0	47.8
285.0	185.0	1.5	0.0	-1.0	297.0	235.0	1.5	0.0	47.6
285.0	187.8	1.5	0.0	47.6	297.0	245.0	1.5	0.0	47.0
285.0	191.2	1.5	0.0	49.5	297.0	260.0	1.5	0.0	46.7
285.0	192.6	1.5	0.0	50.2	305.0	35.0	1.5	0.0	57.1
285.0	193.9	1.5	0.0	50.6	305.0	45.0	1.5	0.0	57.8
285.0	195.0	1.5	0.0	51.0	305.0	55.0	1.5	0.0	58.5
285.0	205.0	1.5	0.0	48.3	305.0	65.0	1.5	0.0	59.2
285.0	215.0	1.5	0.0	47.6	305.0	75.0	1.5	0.0	60.2
285.0	225.0	1.5	0.0	47.4	305.0	81.8	1.5	0.0	61.2
285.0	235.0	1.5	0.0	46.8	305.0	85.0	1.5	0.0	61.9
285.0	245.0	1.5	0.0	46.6	305.0	95.0	1.5	0.0	64.2
285.0	260.0	1.5	0.0	46.3	305.0	102.7	1.5	0.0	65.2
293.3	35.0	1.5	0.0	57.6	305.0	105.0	1.5	0.0	64.7
293.3	45.0	1.5	0.0	58.3	305.0	115.0	1.5	0.0	72.4
293.3	55.0	1.5	0.0	59.0	305.0	125.0	1.5	0.0	69.1
293.3	65.0	1.5	0.0	59.7	305.0	134.1	1.5	0.0	67.1
293.3	75.0	1.5	0.0	60.8	305.0	145.0	1.5	0.0	65.6
293.3	81.8	1.5	0.0	61.8	305.0	149.4	1.5	0.0	65.4
293.3	85.0	1.5	0.0	62.2	305.0	155.0	1.5	0.0	65.9
293.3	95.0	1.5	0.0	62.4	305.0	165.0	1.5	0.0	63.3
293.3	102.7	1.5	0.0	83.5	305.0	175.0	1.5	0.0	63.6
293.3	105.0	1.5	0.0	85.3	305.0	179.1	1.5	0.0	63.2
293.3	115.0	1.5	0.0	73.9	305.0	185.0	1.5	0.0	62.7
293.3	125.0	1.5	0.0	69.6	305.0	187.8	1.5	0.0	62.6
293.3	134.1	1.5	0.0	67.6	305.0	191.2	1.5	0.0	-1.0
293.3	145.0	1.5	0.0	68.4	305.0	192.6	1.5	0.0	43.9
293.3	149.4	1.5	0.0	66.3	305.0	193.9	1.5	0.0	44.1
293.3	155.0	1.5	0.0	65.2	305.0	195.0	1.5	0.0	44.4
293.3	165.0	1.5	0.0	63.9	305.0	205.0	1.5	0.0	46.5
293.3	175.0	1.5	0.0	63.6	305.0	215.0	1.5	0.0	48.8
293.3	179.1	1.5	0.0	63.5	305.0	225.0	1.5	0.0	48.4
293.3	185.0	1.5	0.0	63.4	305.0	235.0	1.5	0.0	48.8
293.3	187.8	1.5	0.0	-1.0	305.0	245.0	1.5	0.0	47.9
293.3	191.2	1.5	0.0	45.8	305.0	260.0	1.5	0.0	47.0
293.3	192.6	1.5	0.0	46.2	315.0	35.0	1.5	0.0	56.9
293.3	193.9	1.5	0.0	46.6	315.0	45.0	1.5	0.0	57.5
293.3	195.0	1.5	0.0	46.9	315.0	55.0	1.5	0.0	58.1
293.3	205.0	1.5	0.0	50.1	315.0	65.0	1.5	0.0	58.6
293.3	215.0	1.5	0.0	48.9	315.0	75.0	1.5	0.0	59.5
293.3	225.0	1.5	0.0	47.9	315.0	81.8	1.5	0.0	60.2
293.3	235.0	1.5	0.0	47.3	315.0	85.0	1.5	0.0	60.6
293.3	245.0	1.5	0.0	47.1	315.0	95.0	1.5	0.0	61.7
293.3	260.0	1.5	0.0	46.7	315.0	102.7	1.5	0.0	62.1
295.0	35.0	1.5	0.0	57.5	315.0	105.0	1.5	0.0	62.1
295.0	45.0	1.5	0.0	58.2	315.0	115.0	1.5	0.0	60.7
295.0	55.0	1.5	0.0	58.9	315.0	125.0	1.5	0.0	67.7
295.0	65.0	1.5	0.0	59.6	315.0	134.1	1.5	0.0	66.4
295.0	75.0	1.5	0.0	60.8	315.0	145.0	1.5	0.0	65.5
295.0	81.8	1.5	0.0	61.7	315.0	149.4	1.5	0.0	65.2
295.0	85.0	1.5	0.0	62.3	315.0	155.0	1.5	0.0	64.7
295.0	95.0	1.5	0.0	64.2	315.0	165.0	1.5	0.0	64.1
295.0	102.7	1.5	0.0	85.3	315.0	175.0	1.5	0.0	63.9
295.0	105.0	1.5	0.0	88.3	315.0	179.1	1.5	0.0	63.3
295.0	115.0	1.5	0.0	74.0	315.0	185.0	1.5	0.0	62.7
295.0	125.0	1.5	0.0	69.6	315.0	187.8	1.5	0.0	62.6
295.0	134.1	1.5	0.0	67.5	315.0	191.2	1.5	0.0	62.5
295.0	145.0	1.5	0.0	67.3	315.0	192.6	1.5	0.0	62.3
295.0	149.4	1.5	0.0	67.0	315.0	193.9	1.5	0.0	-1.0
295.0	155.0	1.5	0.0	65.4	315.0	195.0	1.5	0.0	-1.0
295.0	165.0	1.5	0.0	63.8	315.0	205.0	1.5	0.0	47.8

315.0	215.0	1.5	0.0	49.7
315.0	225.0	1.5	0.0	50.2
315.0	235.0	1.5	0.0	49.2
315.0	245.0	1.5	0.0	50.0
315.0	260.0	1.5	0.0	48.3
320.2	35.0	1.5	0.0	56.6
320.2	45.0	1.5	0.0	57.2
320.2	55.0	1.5	0.0	57.8
320.2	65.0	1.5	0.0	58.2
320.2	75.0	1.5	0.0	59.0
320.2	81.8	1.5	0.0	59.6
320.2	85.0	1.5	0.0	59.8
320.2	95.0	1.5	0.0	60.7
320.2	102.7	1.5	0.0	60.8
320.2	105.0	1.5	0.0	60.9
320.2	115.0	1.5	0.0	60.3
320.2	125.0	1.5	0.0	57.2
320.2	134.1	1.5	0.0	66.0
320.2	145.0	1.5	0.0	65.3
320.2	149.4	1.5	0.0	65.0
320.2	155.0	1.5	0.0	64.6
320.2	165.0	1.5	0.0	64.8
320.2	175.0	1.5	0.0	63.7
320.2	179.1	1.5	0.0	63.7
320.2	185.0	1.5	0.0	63.9
320.2	187.8	1.5	0.0	63.7
320.2	191.2	1.5	0.0	63.3
320.2	192.6	1.5	0.0	-1.0
320.2	193.9	1.5	0.0	-1.0
320.2	195.0	1.5	0.0	46.1
320.2	205.0	1.5	0.0	49.4
320.2	215.0	1.5	0.0	49.7
320.2	225.0	1.5	0.0	49.7
320.2	235.0	1.5	0.0	51.3
320.2	245.0	1.5	0.0	48.8
320.2	260.0	1.5	0.0	48.3
325.0	35.0	1.5	0.0	56.4
325.0	45.0	1.5	0.0	57.0
325.0	55.0	1.5	0.0	57.4
325.0	65.0	1.5	0.0	57.8
325.0	75.0	1.5	0.0	58.5
325.0	81.8	1.5	0.0	58.9
325.0	85.0	1.5	0.0	59.1
325.0	95.0	1.5	0.0	59.9
325.0	102.7	1.5	0.0	60.0
325.0	105.0	1.5	0.0	60.0
325.0	115.0	1.5	0.0	59.7
325.0	125.0	1.5	0.0	58.6
325.0	134.1	1.5	0.0	-1.0
325.0	145.0	1.5	0.0	65.0
325.0	149.4	1.5	0.0	64.8
325.0	155.0	1.5	0.0	64.4
325.0	165.0	1.5	0.0	64.3
325.0	175.0	1.5	0.0	63.8
325.0	179.1	1.5	0.0	63.6
325.0	185.0	1.5	0.0	62.7
325.0	187.8	1.5	0.0	62.0
325.0	191.2	1.5	0.0	50.3
325.0	192.6	1.5	0.0	50.2
325.0	193.9	1.5	0.0	50.4
325.0	195.0	1.5	0.0	50.6
325.0	205.0	1.5	0.0	49.9
325.0	215.0	1.5	0.0	50.3
325.0	225.0	1.5	0.0	52.5
325.0	235.0	1.5	0.0	50.5
325.0	245.0	1.5	0.0	50.3
325.0	260.0	1.5	0.0	53.5