

荷重 kN	γ $\times 10^{-3}\text{rad}$	θ $\times 10^{-3}\text{rad}$	γ_0 $\times 10^{-3}\text{rad}$	
0	0	0	0	0
1.16	0.2	0.05	0.15	
2.2	0.45	0.11	0.35	
3.05	0.67	0.2	0.47	
3.59	0.9	0.31	0.59	
4.32	1.11	0.43	0.69	
5	1.36	0.48	0.88	
5.43	1.56	0.58	0.98	
6.07	1.78	0.7	1.07	
6.66	2.01	0.72	1.29	
7.29	2.25	0.85	1.39	
5.72	2.03	0.76	1.27	
3.72	1.61	0.63	0.98	
1.83	1.17	0.51	0.66	
0.3	0.73	0.35	0.37	
-0.01	0.62	0.32	0.3	
-0.72	0.38	0.23	0.15	
-1.2	0.18	0.16	0.02	
-1.76	-0.03	0.07	-0.11	
-2.37	-0.29	-0.02	-0.26	
-2.82	-0.49	-0.09	-0.4	
-3.42	-0.71	-0.2	-0.5	
-3.97	-0.94	-0.27	-0.67	
-4.47	-1.15	-0.37	-0.78	
-5.07	-1.33	-0.44	-0.89	
-5.61	-1.56	-0.53	-1.03	
-6.25	-1.79	-0.6	-1.19	
-6.79	-2.04	-0.71	-1.33	
-7.31	-2.24	-0.75	-1.49	
-5.64	-1.99	-0.68	-1.31	
-3.65	-1.57	-0.56	-1.02	
-1.94	-1.15	-0.39	-0.75	
-0.55	-0.74	-0.25	-0.48	
0.02	-0.54	-0.19	-0.35	
0.52	-0.32	-0.12	-0.19	
1.14	-0.08	-0.05	-0.03	
1.67	0.13	0.05	0.08	
2.13	0.36	0.12	0.24	
2.7	0.59	0.23	0.36	
3.31	0.83	0.37	0.46	
3.9	1.06	0.46	0.6	
3.99	1.13	0.43	0.7	
4.7	1.35	0.56	0.79	
5.32	1.58	0.61	0.97	
5.93	1.8	0.63	1.16	
6.52	2.02	0.72	1.3	
7.17	2.23	0.81	1.42	
4.89	1.8	0.69	1.12	
3	1.38	0.57	0.81	
1.39	0.96	0.44	0.51	
0.1	0.54	0.3	0.25	
-0.05	0.5	0.27	0.23	
-0.63	0.29	0.18	0.11	
-1.14	0.06	0.1	-0.04	

-1.6	-0.17	-0.04	-0.13
-2.12	-0.39	-0.16	-0.24
-2.67	-0.62	-0.25	-0.38
-3.2	-0.84	-0.3	-0.55
-3.79	-1.08	-0.41	-0.67
-3.97	-1.11	-0.43	-0.68
-4.62	-1.37	-0.51	-0.86
-5.22	-1.57	-0.58	-0.99
-5.83	-1.8	-0.65	-1.15
-6.49	-2	-0.72	-1.28
-7.1	-2.24	-0.78	-1.46
-4.88	-1.81	-0.65	-1.16
-3	-1.39	-0.5	-0.89
-1.49	-0.97	-0.37	-0.61
-0.2	-0.55	-0.22	-0.33
0.01	-0.49	-0.19	-0.3
0.57	-0.27	-0.12	-0.15
1.15	-0.04	-0.01	-0.03
1.7	0.21	0.06	0.16
2.26	0.43	0.18	0.25
2.73	0.66	0.31	0.34
3.32	0.89	0.39	0.5
3.95	1.14	0.48	0.66
4.57	1.35	0.52	0.83
5.24	1.59	0.61	0.98
5.92	1.82	0.68	1.14
6.53	2.03	0.71	1.32
7.16	2.25	0.8	1.45
4.89	1.83	0.69	1.14
2.96	1.37	0.56	0.82
1.3	0.92	0.43	0.49
0	0.51	0.29	0.22
0.05	0.5	0.28	0.22
-0.5	0.31	0.19	0.12
-1.07	0.07	0.11	-0.05
-1.57	-0.16	-0.01	-0.15
-2.02	-0.35	-0.08	-0.27
-2.53	-0.6	-0.25	-0.35
-3.17	-0.83	-0.3	-0.54
-3.74	-1.07	-0.43	-0.64
-3.94	-1.14	-0.44	-0.7
-4.63	-1.37	-0.51	-0.86
-5.24	-1.58	-0.61	-0.96
-5.84	-1.81	-0.65	-1.16
-6.51	-2.04	-0.73	-1.31
-7.09	-2.24	-0.77	-1.47
-4.92	-1.82	-0.66	-1.16
-3	-1.39	-0.51	-0.88
-1.45	-0.97	-0.37	-0.6
-0.2	-0.54	-0.24	-0.31
0.03	-0.48	-0.2	-0.29
1.11	-0.07	-0.04	-0.03
2.07	0.36	0.11	0.24
3.11	0.78	0.29	0.49
4.22	1.2	0.53	0.66
5.41	1.63	0.66	0.97
6.56	2.03	0.69	1.35

7.18	2.22	0.82	1.4
7.64	2.46	0.88	1.58
8.24	2.66	0.93	1.74
8.69	2.87	0.97	1.9
9.19	3.09	1.04	2.05
9.74	3.35	1.07	2.28
8.18	3.12	1.04	2.08
6	2.69	0.91	1.78
4.1	2.28	0.8	1.48
2.54	1.85	0.69	1.16
1.2	1.43	0.56	0.87
0.03	1.02	0.4	0.62
-0.02	0.99	0.4	0.58
-0.97	0.54	0.24	0.31
-1.78	0.12	0.07	0.05
-2.51	-0.31	-0.18	-0.13
-3.39	-0.73	-0.37	-0.36
-4.46	-1.15	-0.49	-0.66
-5.52	-1.57	-0.61	-0.96
-6.69	-1.99	-0.69	-1.3
-7.34	-2.24	-0.8	-1.43
-7.86	-2.46	-0.83	-1.63
-8.33	-2.66	-0.93	-1.74
-8.83	-2.87	-0.94	-1.93
-9.22	-3.08	-1.02	-2.06
-9.84	-3.37	-1.09	-2.28
-8.11	-3.16	-1.02	-2.13
-5.84	-2.73	-0.9	-1.83
-3.96	-2.31	-0.75	-1.56
-2.42	-1.88	-0.63	-1.25
-1.17	-1.46	-0.48	-0.97
-0.11	-1.04	-0.36	-0.68
0.02	-0.99	-0.36	-0.63
0.93	-0.55	-0.2	-0.35
1.68	-0.13	-0.02	-0.1
2.32	0.3	0.18	0.12
3.03	0.71	0.39	0.32
4.06	1.14	0.49	0.65
5.09	1.56	0.54	1.02
6.07	1.97	0.79	1.18
6.79	2.27	0.87	1.4
7.27	2.48	0.93	1.55
7.84	2.7	0.96	1.74
8.42	2.92	1.02	1.91
9.04	3.16	1.03	2.13
9.49	3.33	1.07	2.27
7.15	2.91	0.98	1.93
5.2	2.48	0.86	1.62
3.47	2.03	0.74	1.3
2.1	1.62	0.63	0.99
0.88	1.2	0.5	0.7
-0.02	0.84	0.36	0.48
-0.88	0.43	0.22	0.2
-1.58	0	-0.12	0.13
-2.35	-0.42	-0.21	-0.2
-3.07	-0.85	-0.43	-0.42
-4.12	-1.28	-0.51	-0.77

-5.09	-1.69	-0.65	-1.04
-6.17	-2.12	-0.78	-1.34
-6.42	-2.23	-0.8	-1.43
-6.95	-2.46	-0.87	-1.59
-7.56	-2.67	-0.94	-1.73
-8.14	-2.9	-0.97	-1.93
-8.74	-3.11	-1.03	-2.07
-9.36	-3.34	-1.08	-2.26
-6.86	-2.92	-0.96	-1.96
-4.85	-2.48	-0.8	-1.67
-3.3	-2.06	-0.7	-1.36
-1.92	-1.64	-0.57	-1.07
-0.69	-1.21	-0.41	-0.8
0.02	-0.91	-0.31	-0.6
0.87	-0.49	-0.15	-0.34
1.57	-0.07	0	-0.07
2.32	0.35	0.19	0.17
3.07	0.78	0.34	0.44
4.06	1.19	0.5	0.69
5.02	1.63	0.65	0.98
6.12	2.08	0.78	1.3
6.57	2.23	0.81	1.42
7.07	2.48	0.89	1.59
7.64	2.69	0.93	1.76
8.24	2.92	0.98	1.93
8.89	3.13	1.02	2.12
9.41	3.35	1.09	2.26
7.27	2.93	0.98	1.96
5.26	2.52	0.88	1.64
3.59	2.1	0.76	1.33
2.18	1.68	0.65	1.03
0.95	1.26	0.52	0.75
-0.01	0.86	0.38	0.48
-0.9	0.43	0.16	0.27
-1.6	0	-0.11	0.12
-2.37	-0.43	-0.18	-0.25
-3.07	-0.85	-0.48	-0.37
-4.12	-1.28	-0.54	-0.74
-5.06	-1.7	-0.68	-1.02
-6.12	-2.12	-0.78	-1.34
-6.38	-2.24	-0.8	-1.43
-6.92	-2.45	-0.88	-1.57
-7.54	-2.7	-0.93	-1.76
-8.09	-2.9	-0.98	-1.92
-8.71	-3.13	-1.03	-2.1
-9.34	-3.33	-1.08	-2.25
-6.84	-2.91	-0.95	-1.95
-4.94	-2.48	-0.84	-1.64
-3.3	-2.06	-0.69	-1.37
-1.92	-1.63	-0.57	-1.07
-0.75	-1.21	-0.42	-0.79
0	-0.86	-0.31	-0.55
1.32	-0.2	-0.07	-0.13
2.39	0.45	0.17	0.28
3.74	1.1	0.42	0.68
5.17	1.72	0.66	1.06
6.87	2.39	0.86	1.53

8.61	3.04	1.04	2
9.47	3.35	1.03	2.31
10	3.57	1.11	2.46
10.43	3.76	1.16	2.61
10.88	4	1.2	2.79
11.32	4.22	1.25	2.97
11.68	4.45	1.3	3.15
12.03	4.66	1.33	3.33
12.41	4.89	1.37	3.53
12.57	5.03	1.38	3.65
10.11	4.61	1.29	3.32
6.86	3.95	1.11	2.84
4.25	3.3	0.92	2.38
2.17	2.65	0.75	1.91
0.52	1.98	0.57	1.41
-0.02	1.69	0.48	1.21
-1.03	1.04	0.18	0.86
-1.88	0.39	-0.11	0.5
-2.82	-0.27	-0.38	0.11
-3.89	-0.91	-0.56	-0.35
-5.21	-1.56	-0.66	-0.89
-6.62	-2.17	-0.84	-1.33
-8.24	-2.82	-0.97	-1.86
-9.6	-3.34	-1.1	-2.24
-10.09	-3.57	-1.13	-2.44
-10.51	-3.8	-1.18	-2.62
-10.96	-4.02	-1.23	-2.79
-11.38	-4.25	-1.26	-2.99
-11.71	-4.47	-1.3	-3.17
-12.07	-4.66	-1.34	-3.33
-12.36	-4.89	-1.38	-3.52
-12.51	-5.01	-1.39	-3.62
-9.61	-4.57	-1.27	-3.3
-6.41	-3.93	-1.07	-2.86
-3.91	-3.28	-0.88	-2.4
-1.97	-2.62	-0.69	-1.93
-0.58	-1.99	-0.51	-1.49
0	-1.64	-0.41	-1.23
0.88	-0.98	-0.22	-0.76
1.78	-0.32	0.02	-0.35
2.55	0.34	0.34	0
3.52	1.01	0.6	0.41
4.69	1.67	0.66	1.01
5.91	2.29	0.85	1.44
7.29	2.94	1	1.94
8.25	3.34	1.01	2.33
8.66	3.59	1.11	2.48
9.22	3.79	1.13	2.66
9.69	4.01	1.16	2.86
10.21	4.26	1.21	3.05
10.75	4.44	1.27	3.17
11.24	4.68	1.28	3.4
11.73	4.89	1.32	3.58
12	5.02	1.34	3.69
8.69	4.37	1.21	3.16
5.94	3.72	1.03	2.69
3.65	3.07	0.88	2.19

1.8	2.41	0.66	1.74
0.34	1.75	0.48	1.26
-0.01	1.51	0.4	1.11
-1	0.84	0.13	0.71
-1.75	0.2	-0.11	0.32
-2.67	-0.46	-0.41	-0.05
-3.59	-1.1	-0.5	-0.6
-4.69	-1.75	-0.71	-1.04
-5.98	-2.43	-0.88	-1.55
-7.41	-3.07	-1	-2.07
-8.09	-3.38	-1.08	-2.29
-8.56	-3.61	-1.08	-2.53
-9.01	-3.81	-1.16	-2.65
-9.56	-4.04	-1.19	-2.85
-10.16	-4.27	-1.23	-3.04
-10.64	-4.46	-1.28	-3.18
-11.18	-4.69	-1.32	-3.37
-11.78	-4.92	-1.37	-3.55
-11.92	-5.01	-1.38	-3.64
-8.26	-4.35	-1.2	-3.15
-5.43	-3.69	-1.01	-2.68
-3.25	-3.03	-0.82	-2.21
-1.47	-2.36	-0.64	-1.72
-0.25	-1.71	-0.46	-1.25
0.02	-1.53	-0.39	-1.14
0.89	-0.87	-0.1	-0.77
1.56	-0.24	0.09	-0.33
2.52	0.43	0.31	0.11
3.45	1.08	0.61	0.46
4.53	1.73	0.81	0.92
5.84	2.37	0.84	1.54
7.19	3.05	1.06	1.99
7.91	3.36	0.99	2.37
8.34	3.55	1.1	2.46
8.87	3.78	1.11	2.68
9.35	4.01	1.17	2.84
9.92	4.23	1.18	3.05
10.49	4.46	1.26	3.2
11.08	4.69	1.28	3.41
11.56	4.89	1.3	3.6
11.82	5.02	1.33	3.69
8.54	4.37	1.18	3.19
5.8	3.72	1.02	2.69
3.53	3.07	0.86	2.21
1.7	2.41	0.67	1.73
0.3	1.74	0.48	1.27
-0.02	1.55	0.39	1.16
-0.91	0.9	0.1	0.81
-1.67	0.24	-0.08	0.33
-2.55	-0.36	-0.29	-0.08
-3.37	-0.98	-0.54	-0.44
-4.37	-1.63	-0.74	-0.89
-5.61	-2.29	-0.87	-1.42
-6.99	-2.92	-1	-1.92
-7.94	-3.36	-1.06	-2.3
-8.36	-3.58	-1.13	-2.45
-8.86	-3.8	-1.15	-2.65

-9.39	-4.03	-1.19	-2.84
-10.01	-4.26	-1.23	-3.03
-10.51	-4.47	-1.29	-3.18
-11.07	-4.68	-1.34	-3.35
-11.65	-4.92	-1.38	-3.55
-11.83	-5.01	-1.39	-3.61
-8.15	-4.35	-1.2	-3.15
-5.39	-3.7	-1.02	-2.68
-3.18	-3.05	-0.83	-2.22
-1.52	-2.42	-0.65	-1.77
-0.32	-1.75	-0.45	-1.3
-0.02	-1.57	-0.4	-1.17
1.09	-0.73	-0.1	-0.64
2.12	0.12	0.25	-0.14
3.25	0.95	0.49	0.46
4.61	1.8	0.73	1.07
6.31	2.65	0.89	1.76
8.14	3.48	1.07	2.41
10.18	4.32	1.24	3.08
12.03	5.04	1.35	3.68
12.71	5.45	1.37	4.08
13.38	5.86	1.46	4.41
13.95	6.27	1.52	4.76
14.5	6.69	1.58	5.1
12.01	6.36	1.51	4.85
7.86	5.52	1.27	4.25
4.71	4.67	1.06	3.61
2.32	3.84	0.84	3
0.6	3	0.58	2.41
-0.02	2.64	0.56	2.08
-1.04	1.8	0.18	1.62
-1.92	0.96	-0.07	1.03
-2.67	0.12	-0.28	0.39
-3.75	-0.73	-0.52	-0.22
-4.94	-1.57	-0.75	-0.81
-6.41	-2.43	-0.94	-1.48
-8.16	-3.27	-1.1	-2.17
-10.03	-4.11	-1.24	-2.87
-12.21	-5.01	-1.4	-3.61
-12.76	-5.43	-1.5	-3.93
-13.43	-5.86	-1.54	-4.32
-13.98	-6.27	-1.63	-4.64
-14.51	-6.68	-1.69	-4.99
-12.17	-6.46	-1.63	-4.83
-7.94	-5.62	-1.36	-4.26
-4.69	-4.77	-1.12	-3.64
-2.32	-3.93	-0.89	-3.04
-0.72	-3.09	-0.69	-2.4
0	-2.49	-0.56	-1.93
0.91	-1.64	-0.25	-1.4
1.56	-0.78	0.03	-0.81
2.39	0.05	0.29	-0.24
3.24	0.9	0.56	0.34
4.29	1.73	0.76	0.97
5.59	2.58	0.88	1.7
7.07	3.42	1	2.42
8.69	4.26	1.19	3.07

10.31	5.03	1.27	3.76
11.02	5.46	1.35	4.11
11.91	5.88	1.41	4.47
12.84	6.27	1.48	4.79
13.71	6.69	1.53	5.15
9.37	5.82	1.33	4.49
6.02	4.98	1.13	3.85
3.51	4.15	0.92	3.23
1.55	3.31	0.68	2.63
0.15	2.47	0.48	2
-0.04	2.31	0.4	1.91
-1.05	1.45	0.07	1.38
-1.85	0.59	-0.18	0.77
-2.64	-0.24	-0.41	0.17
-3.45	-1.09	-0.57	-0.52
-4.46	-1.94	-0.84	-1.11
-5.69	-2.79	-1.01	-1.78
-7.19	-3.63	-1.14	-2.49
-8.9	-4.47	-1.26	-3.21
-10.07	-5.02	-1.34	-3.67
-10.81	-5.44	-1.43	-4.01
-11.74	-5.86	-1.51	-4.35
-12.71	-6.27	-1.59	-4.68
-13.65	-6.67	-1.67	-5
-8.89	-5.8	-1.42	-4.38
-5.52	-4.95	-1.2	-3.75
-2.99	-4.11	-0.97	-3.15
-1.2	-3.27	-0.76	-2.51
-0.11	-2.42	-0.52	-1.9
0.01	-2.36	-0.54	-1.82
0.85	-1.52	-0.31	-1.21
1.44	-0.67	0.07	-0.74
2.31	0.18	0.3	-0.12
3.17	1.02	0.53	0.49
4.16	1.86	0.77	1.09
5.42	2.7	0.89	1.81
6.86	3.54	1.02	2.52
8.51	4.38	1.16	3.22
9.88	5.04	1.23	3.81
10.63	5.46	1.32	4.14
11.53	5.88	1.37	4.51
12.54	6.3	1.44	4.86
13.43	6.67	1.53	5.14
9.11	5.82	1.31	4.51
5.86	4.98	1.11	3.86
3.34	4.15	0.93	3.23
1.45	3.3	0.68	2.62
0.08	2.47	0.5	1.97
-0.02	2.41	0.45	1.96
-1.02	1.51	0.16	1.35
-1.76	0.67	-0.15	0.82
-2.47	-0.19	-0.42	0.22
-3.33	-1.04	-0.67	-0.36
-4.32	-1.87	-0.8	-1.08
-5.46	-2.72	-0.99	-1.72
-6.91	-3.57	-1.12	-2.44
-8.63	-4.42	-1.3	-3.12

-9.89	-5.02	-1.39	-3.63
-10.63	-5.44	-1.44	-3.99
-11.58	-5.85	-1.52	-4.33
-12.58	-6.28	-1.59	-4.69
-13.56	-6.68	-1.69	-4.99
-9	-5.86	-1.44	-4.42
-5.72	-5.01	-1.21	-3.8
-3.12	-4.18	-0.99	-3.18
-1.33	-3.32	-0.78	-2.54
-0.13	-2.48	-0.57	-1.9
0.02	-2.36	-0.52	-1.84
1.06	-1.28	-0.17	-1.1
1.89	-0.26	0.16	-0.42
2.9	0.84	0.46	0.38
4.12	1.91	0.69	1.22
5.73	2.99	0.95	2.04
7.69	4.08	1.11	2.98
9.91	5.14	1.29	3.85
12.43	6.23	1.47	4.76
13.58	6.72	1.52	5.2
14.25	7.13	1.59	5.54
14.93	7.56	1.66	5.9
15.48	7.98	1.7	6.28
16.03	8.4	1.75	6.64
16.51	8.82	1.81	7
16.94	9.24	1.87	7.38
17.35	9.66	1.92	7.74
17.65	10.02	1.96	8.06
14.63	9.63	1.86	7.77
9.53	8.58	1.57	7.01
5.72	7.52	1.3	6.22
2.95	6.43	1.07	5.36
1.05	5.36	0.84	4.53
-0.02	4.49	0.57	3.92
-0.97	3.4	0.31	3.09
-1.73	2.33	0.01	2.32
-2.45	1.26	-0.21	1.48
-3.24	0.2	-0.43	0.64
-4.06	-0.87	-0.69	-0.18
-5.19	-1.93	-0.97	-0.96
-6.56	-2.97	-1.08	-1.89
-8.28	-4	-1.26	-2.74
-10.36	-5.08	-1.43	-3.65
-12.67	-6.15	-1.6	-4.56
-13.83	-6.69	-1.69	-5.01
-14.3	-7.13	-1.75	-5.37
-14.93	-7.54	-1.83	-5.72
-15.43	-7.96	-1.93	-6.03
-15.98	-8.39	-1.98	-6.42
-16.47	-8.81	-2.02	-6.79
-16.95	-9.24	-2.09	-7.15
-17.4	-9.65	-2.16	-7.49
-17.78	-10.01	-2.2	-7.8
-14.78	-9.65	-2.11	-7.54
-9.41	-8.58	-1.76	-6.82
-5.42	-7.48	-1.47	-6.01
-2.72	-6.4	-1.23	-5.17

-1.03	-5.31	-1.01	-4.3
0.02	-4.23	-0.8	-3.43
0.76	-3.14	-0.52	-2.62
1.38	-2.06	-0.2	-1.86
1.9	-1	0.16	-1.15
2.58	0.07	0.42	-0.35
3.34	1.12	0.57	0.54
4.18	2.17	0.8	1.37
5.17	3.24	0.99	2.24
6.51	4.33	1.17	3.16
8.08	5.41	1.27	4.14
10.19	6.67	1.45	5.22
10.76	7.1	1.47	5.63
11.48	7.51	1.5	6.01
12.31	7.93	1.59	6.34
13.18	8.36	1.64	6.72
14	8.76	1.69	7.07
14.88	9.18	1.76	7.42
15.7	9.61	1.83	7.78
16.44	10.03	1.89	8.14
11.24	8.95	1.63	7.32
7.28	7.89	1.39	6.51
4.23	6.81	1.15	5.66
2.05	5.72	0.93	4.8
0.57	4.65	0.66	3.99
0.02	4.04	0.48	3.56
-0.9	2.97	0.26	2.71
-1.55	1.91	-0.03	1.94
-2.18	0.81	-0.26	1.08
-2.79	-0.25	-0.54	0.29
-3.46	-1.27	-0.73	-0.54
-4.26	-2.35	-0.92	-1.43
-5.24	-3.39	-1.14	-2.25
-6.49	-4.47	-1.34	-3.13
-8.04	-5.51	-1.46	-4.05
-10.07	-6.7	-1.61	-5.1
-10.61	-7.12	-1.73	-5.39
-11.41	-7.54	-1.72	-5.82
-12.33	-7.97	-1.8	-6.16
-13.18	-8.39	-1.89	-6.5
-14.11	-8.81	-1.95	-6.86
-15.05	-9.23	-2.02	-7.21
-15.96	-9.65	-2.12	-7.52
-16.69	-10.01	-2.15	-7.86
-10.84	-8.93	-1.87	-7.06
-6.72	-7.85	-1.57	-6.28
-3.67	-6.76	-1.32	-5.44
-1.7	-5.68	-1.08	-4.6
-0.46	-4.61	-0.82	-3.79
0	-4.1	-0.79	-3.32
0.74	-3.02	-0.6	-2.42
1.12	-1.99	-0.26	-1.73
1.73	-0.96	0.26	-1.22
2.35	0.07	0.34	-0.26
3.02	1.1	0.59	0.51
3.82	2.17	0.84	1.32
4.69	3.24	0.95	2.29

5.97	4.33	1.15	3.18
7.49	5.35	1.23	4.12
9.12	6.42	1.34	5.08
9.58	6.68	1.4	5.28
10.16	7.1	1.43	5.68
10.92	7.52	1.48	6.04
11.71	7.93	1.54	6.39
12.63	8.36	1.62	6.74
13.47	8.78	1.69	7.09
14.42	9.2	1.75	7.45
15.27	9.61	1.81	7.8
16.13	10.02	1.88	8.15
10.96	8.95	1.63	7.32
7.03	7.88	1.39	6.49
4.02	6.81	1.13	5.68
1.95	5.72	0.92	4.81
0.54	4.66	0.69	3.97
0.07	4.05	0.47	3.58
-0.82	2.97	0.25	2.73
-1.47	1.94	-0.01	1.95
-2.07	0.85	-0.25	1.1
-2.7	-0.2	-0.48	0.28
-3.35	-1.27	-0.7	-0.57
-4.14	-2.35	-0.85	-1.5
-4.99	-3.42	-1.17	-2.25
-6.17	-4.48	-1.31	-3.17
-7.72	-5.52	-1.43	-4.08
-9.7	-6.7	-1.61	-5.09
-10.22	-7.11	-1.67	-5.44
-11.05	-7.55	-1.72	-5.83
-11.93	-7.97	-1.81	-6.15
-12.86	-8.39	-1.88	-6.51
-13.73	-8.81	-1.96	-6.85
-14.73	-9.23	-2.01	-7.22
-15.68	-9.65	-2.1	-7.55
-16.44	-10.02	-2.16	-7.86
-10.64	-8.93	-1.84	-7.08
-6.52	-7.85	-1.56	-6.29
-3.54	-6.77	-1.31	-5.46
-1.58	-5.67	-1.08	-4.59
-0.4	-4.6	-0.89	-3.71
0	-4.12	-0.76	-3.36
0.95	-2.64	-0.43	-2.21
1.58	-1.14	0.01	-1.15
2.43	0.31	0.4	-0.1
3.38	1.8	0.75	1.05
4.56	3.25	0.93	2.32
6.29	4.7	1.18	3.52
8.52	6.2	1.34	4.85
11.25	7.68	1.52	6.16
14.5	9.19	1.72	7.47
16.36	10.03	1.9	8.13
16.78	10.46	1.9	8.56
17.37	10.87	1.98	8.9
17.93	11.3	2.02	9.28
18.46	11.71	2.11	9.61
18.93	12.13	2.14	9.99

19.35	12.56	2.21	10.35
19.75	12.97	2.28	10.69
20.1	13.34	2.31	11.03
16.83	12.89	2.2	10.7
10.01	11.42	1.83	9.6
5.34	9.94	1.46	8.48
2.32	8.44	1.17	7.27
0.54	6.93	0.88	6.06
-0.01	6.27	0.73	5.54
-0.92	4.8	0.39	4.41
-1.59	3.32	0.03	3.29
-2.29	1.87	-0.19	2.05
-3	0.35	-0.46	0.81
-3.76	-1.1	-0.8	-0.3
-4.77	-2.6	-1.01	-1.59
-6.11	-4.09	-1.3	-2.79
-8.1	-5.57	-1.53	-4.03
-10.6	-7.07	-1.67	-5.4
-13.53	-8.51	-1.93	-6.59
-16.82	-10.02	-2.17	-7.85
-17.09	-10.44	-2.25	-8.19
-17.68	-10.86	-2.3	-8.56
-18.29	-11.28	-2.36	-8.92
-18.76	-11.71	-2.44	-9.27
-19.25	-12.13	-2.51	-9.62
-19.68	-12.53	-2.58	-9.95
-20.18	-12.97	-2.64	-10.33
-20.57	-13.34	-2.69	-10.65
-17.2	-12.97	-2.57	-10.39
-9.93	-11.49	-2.11	-9.38
-5.13	-10.02	-1.74	-8.28
-2.27	-8.53	-1.44	-7.09
-0.69	-7.06	-1.19	-5.87
0	-6.1	-1.02	-5.08
0.77	-4.59	-0.75	-3.84
1.35	-3.13	-0.46	-2.67
1.82	-1.63	0.2	-1.82
2.49	-0.13	0.41	-0.54
3.26	1.35	0.58	0.77
4.04	2.85	0.82	2.03
5.03	4.3	1.08	3.21
6.43	5.78	1.27	4.51
8.23	7.23	1.45	5.78
10.43	8.74	1.59	7.15
12.65	10.03	1.76	8.27
13.12	10.45	1.8	8.65
13.88	10.88	1.84	9.05
14.68	11.3	1.93	9.37
15.58	11.73	2	9.73
16.47	12.15	2.08	10.07
17.3	12.58	2.14	10.44
18.1	12.99	2.19	10.8
18.7	13.33	2.24	11.1
11.82	11.88	1.91	9.97
6.87	10.42	1.53	8.89
3.45	8.93	1.24	7.69
1.31	7.43	1.01	6.42

0.13	5.94	0.64	5.3
-0.03	5.81	0.6	5.21
-0.89	4.3	0.23	4.07
-1.52	2.85	0.03	2.82
-2.06	1.39	-0.38	1.77
-2.68	-0.06	-0.52	0.46
-3.37	-1.57	-0.84	-0.74
-4.09	-3.05	-1.07	-1.98
-5.08	-4.53	-1.31	-3.22
-6.37	-5.98	-1.55	-4.44
-8.2	-7.43	-1.73	-5.7
-10.55	-8.93	-1.93	-7
-12.57	-10.02	-2.08	-7.94
-13.09	-10.44	-2.13	-8.31
-13.87	-10.86	-2.2	-8.67
-14.75	-11.27	-2.28	-8.99
-15.69	-11.7	-2.33	-9.37
-16.65	-12.12	-2.42	-9.7
-17.6	-12.54	-2.49	-10.05
-18.54	-12.96	-2.57	-10.39
-19.29	-13.33	-2.65	-10.68
-11.55	-11.89	-2.2	-9.69
-6.41	-10.43	-1.84	-8.58
-3.03	-8.93	-1.56	-7.37
-1.15	-7.45	-1.29	-6.16
-0.03	-5.96	-1.04	-4.91
-0.02	-5.84	-1.02	-4.82
0.76	-4.4	-0.65	-3.76
1.25	-2.94	-0.3	-2.64
1.67	-1.49	0.1	-1.59
2.27	0	0.26	-0.26
3.01	1.5	0.62	0.88
3.72	2.97	0.84	2.13
4.67	4.42	1.07	3.35
5.94	5.86	1.2	4.65
7.7	7.34	1.39	5.95
9.86	8.81	1.57	7.23
11.91	10.02	1.72	8.3
12.38	10.45	1.75	8.71
13.16	10.87	1.8	9.08
13.98	11.3	1.89	9.41
14.9	11.73	1.94	9.78
15.81	12.15	2.02	10.13
16.7	12.57	2.1	10.47
17.6	12.98	2.16	10.83
18.25	13.35	2.22	11.13
11.32	11.86	1.85	10
6.44	10.36	1.51	8.85
3.18	8.89	1.23	7.66
1.14	7.37	0.96	6.41
0.03	5.91	0.63	5.28
-0.8	4.44	0.29	4.15
-1.43	2.96	0.01	2.96
-1.95	1.47	-0.25	1.73
-2.53	-0.01	-0.52	0.51
-3.21	-1.51	-0.81	-0.69
-3.96	-3.01	-1.07	-1.94

-4.82	-4.47	-1.24	-3.23
-6.08	-5.98	-1.55	-4.43
-7.8	-7.43	-1.75	-5.69
-10.04	-8.87	-1.88	-6.99
-12.1	-10.02	-2.02	-8
-12.61	-10.44	-2.07	-8.37
-13.38	-10.86	-2.16	-8.71
-14.31	-11.28	-2.25	-9.04
-15.25	-11.71	-2.3	-9.41
-16.19	-12.13	-2.41	-9.72
-17.17	-12.55	-2.47	-10.08
-18.13	-12.96	-2.56	-10.41
-18.97	-13.34	-2.62	-10.72
-11.29	-11.89	-2.2	-9.68
-6.21	-10.42	-1.82	-8.6
-2.89	-8.93	-1.55	-7.38
-1.11	-7.48	-1.3	-6.18
-0.07	-5.97	-1.01	-4.96
-0.01	-5.86	-1.02	-4.84
0.97	-3.74	-0.63	-3.11
1.59	-1.65	0.01	-1.65
2.45	0.48	0.43	0.05
3.42	2.61	0.75	1.86
4.67	4.71	1.13	3.58
6.71	6.82	1.34	5.47
9.61	8.92	1.57	7.35
13.37	11.02	1.82	9.2
18.52	13.36	2.23	11.13
18.82	13.78	2.25	11.52
19.41	14.18	2.31	11.87
20	14.62	2.39	12.23
20.53	15.04	2.43	12.61
21	15.45	2.52	12.93
21.44	15.87	2.56	13.32
21.84	16.29	2.58	13.71
22.26	16.71	2.68	14.03
22.64	17.13	2.75	14.38
22.99	17.55	2.78	14.77
23.29	17.97	2.84	15.12
23.67	18.39	2.92	15.48
24.05	18.82	2.97	15.85
24.41	19.23	3	16.23
24.66	19.65	3.08	16.57
24.96	20	3.14	16.86
20.19	19.29	2.95	16.34
10.63	17.19	2.39	14.8
4.89	15.06	1.91	13.15
1.9	12.96	1.61	11.35
0.32	10.86	1.26	9.6
0.01	10.27	1.12	9.15
-0.87	8.16	0.59	7.57
-1.54	6.04	0.22	5.82
-2.18	3.93	-0.09	4.02
-2.79	1.85	-0.48	2.33
-3.44	-0.24	-0.71	0.47
-4.25	-2.35	-1.03	-1.32
-5.39	-4.48	-1.36	-3.12

-7.16	-6.58	-1.65	-4.94
-9.81	-8.69	-1.9	-6.79
-13.5	-10.81	-2.16	-8.65
-18.91	-13.35	-2.6	-10.75
-18.98	-13.79	-2.62	-11.17
-19.57	-14.23	-2.72	-11.51
-20.17	-14.64	-2.79	-11.86
-20.64	-15.08	-2.86	-12.22
-21.15	-15.51	-2.9	-12.61
-21.59	-15.93	-3	-12.93
-22.07	-16.34	-3.02	-13.31
-22.49	-16.76	-3.08	-13.68
-22.88	-17.18	-3.16	-14.02
-23.31	-17.6	-3.25	-14.35
-23.69	-18.03	-3.3	-14.73
-24.04	-18.44	-3.39	-15.06
-24.39	-18.87	-3.42	-15.45
-24.77	-19.28	-3.48	-15.8
-25.14	-19.71	-3.55	-16.16
-25.35	-20	-3.61	-16.4
-20.87	-19.42	-3.43	-16
-11.18	-17.35	-2.82	-14.53
-5.24	-15.2	-2.33	-12.87
-2.13	-13.08	-1.96	-11.12
-0.53	-10.96	-1.61	-9.34
0	-9.93	-1.48	-8.46
0.83	-7.8	-1.11	-6.7
1.3	-5.7	-0.57	-5.13
1.7	-3.59	0.01	-3.6
2.27	-1.49	0.41	-1.9
2.86	0.63	0.66	-0.04
3.54	2.74	0.93	1.81
4.33	4.8	1.14	3.66
5.25	6.9	1.39	5.51
6.5	9.01	1.67	7.34
8.31	11.12	1.82	9.3
11.16	13.35	2.02	11.32
11.48	13.79	2.06	11.73
12.08	14.23	2.11	12.12
12.72	14.66	2.17	12.48
13.43	15.08	2.23	12.85
14.18	15.5	2.26	13.24
14.91	15.91	2.34	13.58
15.7	16.33	2.4	13.93
16.45	16.75	2.48	14.27
17.27	17.18	2.54	14.64
18.06	17.59	2.61	14.98
18.89	18.01	2.69	15.33
19.73	18.43	2.73	15.7
20.55	18.84	2.79	16.05
21.36	19.27	2.87	16.4
22.02	19.69	2.93	16.75
22.52	20.02	2.98	17.04
12.82	17.9	2.47	15.44
6.66	15.8	1.99	13.81
3	13.71	1.68	12.03
0.97	11.54	1.37	10.17

0.01	9.75	1.01	8.74
-0.78	7.64	0.5	7.14
-1.39	5.51	0.1	5.41
-1.92	3.4	-0.27	3.67
-2.42	1.29	-0.5	1.79
-2.93	-0.82	-0.83	0.01
-3.52	-2.91	-1.02	-1.89
-4.3	-5.01	-1.32	-3.69
-5.06	-7.12	-1.62	-5.5
-6.39	-9.22	-1.98	-7.25
-8.32	-11.34	-2.14	-9.2
-11.02	-13.36	-2.39	-10.97
-11.43	-13.78	-2.44	-11.34
-12.08	-14.22	-2.52	-11.71
-12.82	-14.65	-2.58	-12.07
-13.6	-15.08	-2.64	-12.44
-14.32	-15.5	-2.71	-12.79
-15.14	-15.91	-2.78	-13.13
-16	-16.34	-2.85	-13.48
-16.88	-16.75	-2.94	-13.81
-17.68	-17.18	-2.98	-14.19
-18.6	-17.59	-3.06	-14.54
-19.52	-18.02	-3.18	-14.84
-20.44	-18.44	-3.21	-15.23
-21.34	-18.85	-3.3	-15.56
-22.19	-19.28	-3.39	-15.9
-23.03	-19.7	-3.47	-16.24
-23.54	-20.01	-3.51	-16.5
-13.11	-17.9	-2.93	-14.97
-6.64	-15.79	-2.43	-13.36
-2.92	-13.68	-2.08	-11.6
-1.01	-11.56	-1.78	-9.78
-0.04	-9.69	-1.51	-8.19
0.81	-7.58	-1.14	-6.44
1.3	-5.47	-0.75	-4.71
1.67	-3.4	-0.06	-3.35
2.1	-1.3	0.36	-1.66
2.66	0.8	0.67	0.13
3.23	2.93	0.92	2.01
3.96	5.04	1.12	3.92
4.75	7.15	1.39	5.76
5.88	9.26	1.64	7.62
7.62	11.37	1.79	9.58
10.01	13.35	1.97	11.38
10.31	13.78	1.98	11.79
10.86	14.19	2.02	12.16
11.48	14.61	2.1	12.51
12.13	15.02	2.12	12.9
12.87	15.44	2.22	13.22
13.6	15.87	2.26	13.61
14.35	16.28	2.32	13.96
15.11	16.7	2.37	14.33
15.93	17.12	2.43	14.69
16.75	17.54	2.48	15.05
17.62	17.97	2.6	15.37
18.47	18.38	2.65	15.73
19.36	18.8	2.7	16.09

20.22	19.21	2.78	16.43
21.04	19.63	2.84	16.78
21.74	20.01	2.92	17.09
12.1	17.91	2.39	15.51
6.24	15.79	1.94	13.84
2.76	13.66	1.61	12.05
0.93	11.54	1.36	10.18
0.03	9.81	1.05	8.76
-0.72	7.71	0.47	7.24
-1.36	5.59	0.04	5.55
-1.79	3.48	-0.15	3.62
-2.31	1.35	-0.49	1.85
-2.77	-0.76	-0.88	0.12
-3.34	-2.83	-1.09	-1.74
-3.98	-4.92	-1.39	-3.53
-4.82	-7.04	-1.55	-5.5
-5.9	-9.17	-1.87	-7.3
-7.56	-11.25	-2.11	-9.14
-10.26	-13.37	-2.36	-11.01
-10.65	-13.8	-2.38	-11.42
-11.28	-14.23	-2.47	-11.76
-11.98	-14.65	-2.53	-12.12
-12.7	-15.07	-2.6	-12.47
-13.46	-15.5	-2.7	-12.8
-14.29	-15.92	-2.75	-13.17
-15.12	-16.34	-2.81	-13.53
-15.98	-16.76	-2.86	-13.9
-16.9	-17.18	-2.95	-14.23
-17.73	-17.6	-3.04	-14.56
-18.67	-18.02	-3.11	-14.91
-19.6	-18.44	-3.18	-15.26
-20.54	-18.86	-3.25	-15.61
-21.44	-19.29	-3.35	-15.93
-22.3	-19.7	-3.43	-16.27
-22.89	-20.01	-3.48	-16.54
-12.59	-17.9	-2.9	-15
-6.27	-15.78	-2.41	-13.37
-2.73	-13.63	-2.07	-11.56
-0.9	-11.47	-1.73	-9.74
-0.02	-9.69	-1.54	-8.15
0.37	-8.84	-1.37	-7.48
0.67	-7.97	-1.19	-6.78
0.82	-7.08	-1.02	-6.07
1.11	-6.22	-0.9	-5.32
1.27	-5.35	-0.66	-4.68
1.44	-4.48	-0.39	-4.09
1.54	-3.6	-0.12	-3.48
1.7	-2.74	0.01	-2.75
1.88	-1.8	0.22	-2.02
2.12	-0.92	0.37	-1.29
2.33	-0.05	0.53	-0.58
2.56	0.85	0.59	0.26
2.79	1.77	0.75	1.02
3.04	2.65	0.81	1.84
3.28	3.55	0.93	2.62
3.59	4.44	1.08	3.36
3.89	5.34	1.11	4.24

4.17	6.21	1.25	4.96
4.45	7.09	1.35	5.73
4.85	7.94	1.44	6.5
5.31	8.79	1.57	7.22
5.88	9.7	1.67	8.03
6.52	10.63	1.71	8.91
7.3	11.49	1.78	9.71
8.18	12.34	1.82	10.52
9.23	13.23	1.93	11.29
10.43	14.12	2.03	12.09
11.77	14.99	2.11	12.88
13.31	15.86	2.21	13.65
14.95	16.77	2.37	14.4
16.74	17.66	2.51	15.15
18.64	18.51	2.62	15.89
20.57	19.4	2.8	16.59
21.89	20.05	2.9	17.14
21.92	20.47	2.96	17.52
22.46	20.89	3	17.89
22.98	21.31	3.02	18.3
23.54	21.74	3.07	18.67
24.04	22.16	3.16	18.99
24.48	22.57	3.23	19.34
24.89	23	3.25	19.74
25.31	23.42	3.33	20.09
25.71	23.83	3.42	20.42
26.09	24.26	3.46	20.8
26.46	24.68	3.52	21.16
26.84	25.1	3.57	21.52
27.16	25.51	3.62	21.89
27.46	25.93	3.71	22.21
27.7	26.35	3.8	22.55
28.05	26.78	3.85	22.92
28.34	27.2	3.92	23.28
28.64	27.62	3.95	23.67
28.93	28.04	4.03	24.01
29.19	28.46	4.11	24.35
29.43	28.88	4.18	24.7
29.66	29.3	4.19	25.11
29.87	29.71	4.26	25.44
30.05	30.15	4.34	25.8
30.29	30.56	4.41	26.15
30.5	30.98	4.48	26.51
30.68	31.4	4.5	26.9
30.85	31.82	4.6	27.23
31.06	32.25	4.65	27.6
31.28	32.66	4.69	27.97
31.44	33.09	4.73	28.36
31.63	33.5	4.8	28.7
31.83	33.94	4.85	29.08
32	34.36	4.9	29.46
32.15	34.78	4.93	29.84
32.38	35.19	4.99	30.2
32.5	35.62	5.05	30.57
32.64	36.03	5.11	30.92
32.75	36.45	5.19	31.27
32.9	36.88	5.25	31.63

33.08	37.29	5.28	32.01
33.2	37.73	5.31	32.42
33.35	38.14	5.38	32.77
33.52	38.56	5.42	33.15
33.63	38.98	5.48	33.51
33.73	39.41	5.54	33.87
33.86	39.83	5.59	34.24
33.97	40.25	5.63	34.62
34.12	40.67	5.7	34.98
34.23	41.1	5.77	35.33
34.32	41.51	5.8	35.72
34.43	41.94	5.89	36.05
34.48	42.36	5.94	36.42
34.51	42.79	5.95	36.83
34.57	43.2	6.04	37.16
34.69	43.63	6.05	37.58
34.7	44.04	6.11	37.93
34.77	44.46	6.16	38.3
34.83	44.87	6.2	38.68
34.88	45.31	6.29	39.02
35.04	45.72	6.29	39.43
35.08	46.15	6.35	39.8
35.16	46.58	6.4	40.18
35.2	47	6.48	40.51
35.33	47.42	6.5	40.92
35.42	47.85	6.54	41.3
35.48	48.27	6.59	41.68
35.58	48.69	6.69	42
35.65	49.1	6.72	42.38
35.67	49.53	6.77	42.76
35.67	49.95	6.83	43.12
35.41	50.37	6.89	43.49
35.55	50.79	6.95	43.84
35.62	51.21	6.98	44.22
35.63	51.63	7.02	44.61
35.68	52.05	7.11	44.94
35.73	52.47	7.14	45.33
35.75	52.9	7.16	45.73
35.54	53.32	7.27	46.05
35.52	53.75	7.33	46.42
35.52	54.17	7.31	46.86
35.55	54.59	7.38	47.22
35.52	55.01	7.43	47.58
35.4	55.44	7.49	47.94
35.5	55.85	7.54	48.31
35.32	56.28	7.61	48.67
35.35	56.7	7.6	49.1
35.25	57.13	7.66	49.46
35.11	57.54	7.67	49.87
35.05	57.97	7.74	50.23
34.87	58.38	7.76	50.62
34.8	58.81	7.76	51.04
34.7	59.23	7.77	51.46
34.75	59.64	7.83	51.81
34.6	60.08	7.88	52.2
34.65	60.5	7.86	52.64
34.59	60.92	7.93	52.99

34.62	61.34	7.93	53.41
34.53	61.76	7.93	53.83
34.51	62.2	7.98	54.21
34.47	62.6	7.96	54.64
34.3	63.03	8.04	54.99
34.16	63.44	8	55.44
34	63.88	8.01	55.87
33.8	64.29	8.02	56.26
31.91	64.71	8.07	56.64
31.59	65.13	8.07	57.06
31.37	65.57	8.02	57.56
31.21	65.99	8.05	57.94
30.95	66.41	8.11	58.31
30.66	66.83	8.08	58.75
30.39	67.26	8.06	59.2
30.23	67.67	7.99	59.68
30.07	68.1	8	60.1
29.85	68.53	7.95	60.58
29.51	68.94	7.93	61.01
29.23	69.35	7.92	61.43
28.73	69.79	7.93	61.87
28.26	70.21	7.83	62.38
27.91	70.63	7.86	62.77
27.56	71.05	7.86	63.19
27.18	71.48	7.73	63.75
26.91	71.9	7.82	64.08
26.79	72.32	7.78	64.54
26.56	72.73	7.7	65.03
26.38	73.16	7.66	65.5
26.21	73.58	7.73	65.85
26.19	74.01	7.66	66.34
25.99	74.42	7.61	66.81
25.95	74.85	7.59	67.26
25.81	75.27	7.57	67.7
25.79	75.7	7.58	68.12
25.66	76.11	7.56	68.55
25.61	76.55	7.57	68.97
25.47	76.96	7.54	69.42
25.46	77.4	7.58	69.81
25.34	77.81	7.55	70.26
25.39	78.23	7.56	70.67
25.24	78.65	7.52	71.13
25.24	79.08	7.5	71.58
25.13	79.49	7.51	71.98
25.12	79.92	7.51	72.41
25.06	80.34	7.49	72.85
24.87	80.76	7.42	73.34
25.02	81.19	7.48	73.71
25.02	81.62	7.45	74.17
24.92	82.04	7.44	74.6
25.03	82.46	7.48	74.98
25.1	82.88	7.39	75.49
25.09	83.31	7.39	75.91
24.92	83.72	7.36	76.36

荷重 kN	γ $\times 10^{-3}$ rad	θ $\times 10^{-3}$ rad	γ_0 $\times 10^{-3}$ rad	
0	0	0	0	0
1.15	0.24	0.05	0.19	
2.18	0.46	0.14	0.32	
3.07	0.7	0.2	0.5	
3.79	0.92	0.28	0.64	
4.51	1.12	0.34	0.78	
5.12	1.31	0.41	0.9	
5.72	1.53	0.48	1.05	
6.37	1.75	0.54	1.2	
7.01	2.01	0.63	1.37	
7.64	2.24	0.69	1.55	
6.22	2.07	0.65	1.42	
4.22	1.65	0.55	1.1	
2.39	1.23	0.4	0.82	
0.75	0.8	0.25	0.55	
-0.04	0.57	0.16	0.41	
-0.67	0.33	0.07	0.26	
-1.32	0.12	-0.02	0.14	
-1.79	-0.11	-0.11	0.01	
-2.35	-0.34	-0.2	-0.14	
-2.84	-0.58	-0.3	-0.29	
-3.32	-0.79	-0.48	-0.31	
-3.71	-1.02	-0.44	-0.58	
-3.91	-1.11	-0.53	-0.58	
-4.35	-1.36	-0.72	-0.64	
-4.96	-1.55	-0.78	-0.77	
-5.46	-1.77	-0.94	-0.82	
-6.02	-2	-0.98	-1.01	
-6.54	-2.22	-1.1	-1.13	
-4.76	-1.98	-1.02	-0.96	
-2.87	-1.55	-0.86	-0.69	
-1.39	-1.13	-0.7	-0.43	
-0.19	-0.71	-0.51	-0.2	
0.03	-0.61	-0.44	-0.17	
0.65	-0.38	-0.34	-0.04	
1.15	-0.17	-0.25	0.07	
1.65	0.06	-0.14	0.2	
2.15	0.3	0.04	0.26	
2.7	0.5	0.1	0.41	
3.27	0.73	0.16	0.57	
3.94	0.95	0.27	0.68	
4.37	1.11	0.36	0.75	
4.97	1.3	0.39	0.91	
5.49	1.51	0.47	1.05	
6.17	1.75	0.55	1.2	
6.85	1.98	0.61	1.36	
7.61	2.25	0.67	1.57	
5.27	1.82	0.56	1.26	
3.31	1.36	0.43	0.94	
1.66	0.93	0.25	0.67	
0.25	0.5	0.09	0.41	
-0.05	0.39	0.06	0.33	
-0.59	0.18	-0.05	0.23	
-1.12	-0.05	-0.14	0.09	

-1.65	-0.26	-0.25	-0.01
-2.05	-0.47	-0.34	-0.13
-2.55	-0.69	-0.47	-0.23
-2.97	-0.9	-0.56	-0.34
-3.51	-1.13	-0.67	-0.46
-4.04	-1.36	-0.8	-0.56
-4.59	-1.57	-0.87	-0.7
-5.07	-1.79	-0.94	-0.84
-5.74	-2.01	-1.07	-0.95
-6.26	-2.22	-1.13	-1.09
-4.04	-1.8	-0.98	-0.82
-2.33	-1.38	-0.83	-0.55
-1.03	-0.95	-0.62	-0.33
0	-0.59	-0.45	-0.14
0.46	-0.35	-0.31	-0.04
1.07	-0.12	-0.19	0.07
1.48	0.09	-0.1	0.19
1.95	0.32	0.08	0.24
2.52	0.54	0.08	0.46
3.2	0.78	0.25	0.53
3.88	1.02	0.33	0.7
4.24	1.13	0.37	0.77
4.84	1.34	0.43	0.91
5.49	1.58	0.48	1.09
6.19	1.8	0.54	1.25
6.81	2.01	0.61	1.41
7.52	2.25	0.66	1.59
5.24	1.82	0.55	1.27
3.28	1.39	0.42	0.97
1.64	0.93	0.25	0.68
0.24	0.5	0.09	0.41
-0.02	0.43	0.04	0.39
-0.6	0.2	-0.03	0.24
-1.1	-0.03	-0.15	0.11
-1.67	-0.28	-0.28	0
-2.17	-0.52	-0.37	-0.15
-2.69	-0.76	-0.49	-0.27
-3.17	-0.98	-0.57	-0.41
-3.4	-1.12	-0.66	-0.46
-4.02	-1.33	-0.76	-0.57
-4.47	-1.55	-0.85	-0.7
-5.07	-1.77	-0.9	-0.87
-5.57	-1.98	-1.03	-0.95
-6.29	-2.22	-1.13	-1.09
-4.07	-1.8	-0.98	-0.82
-2.33	-1.37	-0.8	-0.57
-1.05	-0.95	-0.62	-0.32
0	-0.53	-0.43	-0.11
-0.04	-0.53	-0.4	-0.13
1.04	-0.1	-0.19	0.09
1.97	0.32	0.02	0.3
3.07	0.74	0.18	0.56
4.3	1.16	0.38	0.79
5.52	1.58	0.48	1.09
6.82	2.01	0.6	1.41
7.63	2.25	0.69	1.56
8.22	2.48	0.7	1.79

8.81	2.71	0.77	1.94
9.31	2.93	0.84	2.1
9.78	3.15	0.89	2.27
10.12	3.33	0.93	2.4
8.47	3.14	0.9	2.23
6.21	2.7	0.79	1.91
4.27	2.25	0.65	1.6
2.66	1.83	0.49	1.34
1.32	1.41	0.36	1.05
0.14	0.99	0.19	0.8
-0.02	0.93	0.17	0.76
-1.02	0.5	0.02	0.47
-1.82	0.07	-0.16	0.24
-2.49	-0.35	-0.41	0.06
-3.35	-0.77	-0.53	-0.23
-3.97	-1.19	-0.79	-0.41
-5.04	-1.62	-0.92	-0.7
-6.03	-2.04	-1.12	-0.92
-6.56	-2.22	-1.11	-1.12
-7.05	-2.43	-1.25	-1.19
-7.53	-2.65	-1.31	-1.34
-8	-2.85	-1.38	-1.47
-8.56	-3.08	-1.42	-1.66
-8.95	-3.3	-1.48	-1.81
-9.06	-3.36	-1.52	-1.83
-7.09	-3.13	-1.47	-1.67
-4.96	-2.7	-1.32	-1.38
-3.25	-2.28	-1.16	-1.12
-1.9	-1.86	-0.98	-0.88
-0.85	-1.43	-0.81	-0.62
0.02	-1.02	-0.6	-0.43
0.92	-0.59	-0.39	-0.2
1.67	-0.17	-0.18	0.01
2.42	0.26	-0.01	0.27
3.29	0.68	0.26	0.42
4.29	1.11	0.39	0.72
5.32	1.52	0.51	1.01
6.42	1.96	0.62	1.33
7.16	2.25	0.67	1.57
7.69	2.48	0.74	1.75
8.29	2.72	0.78	1.94
8.83	2.92	0.85	2.07
9.41	3.13	0.88	2.26
9.93	3.35	0.94	2.4
7.61	2.93	0.84	2.09
5.6	2.5	0.71	1.79
3.87	2.07	0.59	1.48
2.45	1.65	0.46	1.19
1.18	1.23	0.3	0.93
0.07	0.8	0.13	0.67
0	0.77	0.12	0.65
-0.81	0.33	-0.07	0.4
-1.7	-0.11	-0.3	0.19
-2.43	-0.54	-0.44	-0.09
-3.01	-0.95	-0.7	-0.26
-3.92	-1.37	-0.81	-0.56
-4.73	-1.79	-1.07	-0.73

-5.89	-2.24	-1.23	-1.01
-6.31	-2.45	-1.25	-1.19
-6.89	-2.66	-1.3	-1.36
-7.34	-2.88	-1.43	-1.45
-7.97	-3.09	-1.46	-1.63
-8.64	-3.36	-1.56	-1.8
-6.24	-2.95	-1.41	-1.54
-4.35	-2.53	-1.26	-1.26
-2.82	-2.1	-1.08	-1.02
-1.67	-1.68	-0.92	-0.76
-0.7	-1.27	-0.74	-0.53
0.01	-0.92	-0.56	-0.37
0.81	-0.47	-0.31	-0.15
1.67	-0.05	-0.11	0.06
2.36	0.37	0.05	0.32
3.3	0.8	0.2	0.59
4.34	1.23	0.43	0.79
5.31	1.65	0.55	1.1
6.44	2.07	0.61	1.45
6.85	2.25	0.69	1.56
7.43	2.46	0.72	1.74
7.95	2.68	0.77	1.91
8.54	2.9	0.83	2.07
9.09	3.1	0.87	2.23
9.81	3.34	0.93	2.41
7.36	2.91	0.83	2.09
5.46	2.5	0.7	1.8
3.79	2.07	0.57	1.51
2.36	1.65	0.46	1.2
1.08	1.23	0.29	0.94
0.06	0.8	0.12	0.68
-0.02	0.8	0.1	0.7
-0.97	0.32	-0.11	0.42
-1.73	-0.11	-0.26	0.15
-2.43	-0.53	-0.45	-0.08
-2.99	-0.95	-0.7	-0.25
-3.98	-1.39	-0.86	-0.53
-4.87	-1.8	-0.98	-0.81
-5.79	-2.23	-1.25	-0.98
-6.29	-2.46	-1.21	-1.25
-6.89	-2.68	-1.3	-1.39
-7.51	-2.9	-1.43	-1.46
-8	-3.12	-1.49	-1.62
-8.67	-3.36	-1.57	-1.78
-6.12	-2.92	-1.41	-1.51
-4.26	-2.49	-1.25	-1.24
-2.75	-2.04	-1.07	-0.98
-1.56	-1.62	-0.91	-0.71
-0.62	-1.2	-0.7	-0.5
0.01	-0.9	-0.53	-0.36
1.23	-0.26	-0.24	-0.02
2.15	0.37	0.11	0.26
3.74	1.04	0.37	0.67
5.28	1.65	0.52	1.13
6.94	2.3	0.71	1.59
8.74	2.96	0.84	2.11
9.84	3.34	0.94	2.4

10.36	3.57	0.96	2.61
10.88	3.81	1.02	2.79
11.35	4.03	1.08	2.95
11.71	4.25	1.11	3.14
12.11	4.45	1.16	3.29
12.48	4.69	1.2	3.48
12.83	4.91	1.25	3.67
12.98	5.02	1.25	3.76
10.83	4.73	1.2	3.52
7.42	4.07	1.04	3.03
4.71	3.4	0.84	2.57
2.54	2.74	0.62	2.12
0.85	2.09	0.43	1.67
-0.01	1.7	0.27	1.43
-0.96	1.04	0.02	1.02
-1.96	0.39	-0.2	0.59
-2.77	-0.26	-0.59	0.33
-3.74	-0.9	-0.82	-0.08
-4.92	-1.55	-1.02	-0.52
-6.24	-2.19	-1.25	-0.95
-7.63	-2.83	-1.43	-1.4
-9.03	-3.36	-1.57	-1.79
-9.5	-3.59	-1.63	-1.96
-9.99	-3.83	-1.72	-2.11
-10.41	-4.04	-1.78	-2.26
-10.82	-4.27	-1.87	-2.4
-11.24	-4.5	-1.92	-2.58
-11.66	-4.73	-1.98	-2.75
-12.06	-4.96	-2.04	-2.92
-12.11	-5.01	-2.06	-2.95
-9.81	-4.75	-1.95	-2.8
-6.55	-4.1	-1.75	-2.34
-4	-3.43	-1.49	-1.94
-2.11	-2.76	-1.24	-1.52
-0.8	-2.1	-0.95	-1.15
0.05	-1.62	-0.7	-0.92
0.93	-0.99	-0.36	-0.63
1.76	-0.3	-0.11	-0.19
2.7	0.36	0.25	0.11
3.75	0.99	0.39	0.59
4.95	1.63	0.61	1.03
6.34	2.32	0.74	1.58
7.76	2.98	0.87	2.11
8.61	3.35	0.93	2.42
9.04	3.58	0.98	2.59
9.56	3.8	1.02	2.77
10.03	4.01	1.07	2.95
10.56	4.22	1.11	3.12
11.13	4.45	1.15	3.3
11.58	4.67	1.19	3.48
12.15	4.89	1.22	3.67
12.41	5.02	1.26	3.76
8.91	4.37	1.1	3.28
6.07	3.71	0.92	2.79
3.78	3.04	0.72	2.32
1.88	2.38	0.51	1.87
0.39	1.73	0.29	1.45

-0.02	1.53	0.22	1.31
-0.97	0.87	-0.07	0.93
-1.8	0.21	-0.3	0.51
-2.53	-0.41	-0.68	0.27
-3.44	-1.05	-0.8	-0.25
-4.39	-1.68	-1.02	-0.65
-5.56	-2.33	-1.3	-1.03
-6.86	-2.99	-1.51	-1.48
-7.62	-3.35	-1.61	-1.74
-8.11	-3.58	-1.69	-1.89
-8.58	-3.81	-1.72	-2.09
-9.08	-4.03	-1.79	-2.24
-9.68	-4.26	-1.85	-2.4
-10.23	-4.48	-1.92	-2.56
-10.72	-4.7	-1.97	-2.73
-11.3	-4.91	-2.03	-2.87
-11.53	-5	-2.05	-2.95
-7.74	-4.35	-1.83	-2.52
-4.95	-3.67	-1.58	-2.09
-2.93	-3	-1.33	-1.67
-1.45	-2.34	-1.07	-1.28
-0.27	-1.68	-0.8	-0.87
0.03	-1.5	-0.7	-0.79
0.95	-0.83	-0.39	-0.43
1.75	-0.16	-0.11	-0.05
2.59	0.44	0.24	0.2
3.57	1.06	0.43	0.62
4.8	1.71	0.57	1.14
6.09	2.35	0.7	1.65
7.45	2.98	0.85	2.13
8.24	3.33	0.93	2.4
8.69	3.57	0.96	2.61
9.24	3.81	1.02	2.78
9.73	4.01	1.07	2.95
10.26	4.23	1.11	3.12
10.84	4.44	1.16	3.29
11.37	4.66	1.19	3.48
11.96	4.9	1.2	3.7
12.26	5.02	1.25	3.77
8.78	4.38	1.09	3.29
5.96	3.71	0.9	2.81
3.68	3.05	0.71	2.33
1.83	2.38	0.5	1.88
0.32	1.72	0.29	1.43
-0.02	1.53	0.21	1.31
-0.91	0.87	-0.08	0.95
-1.85	0.21	-0.33	0.53
-2.64	-0.45	-0.63	0.18
-3.47	-1.13	-0.95	-0.18
-4.52	-1.75	-1.14	-0.61
-5.62	-2.41	-1.32	-1.09
-6.94	-3.03	-1.53	-1.5
-7.52	-3.36	-1.58	-1.78
-7.97	-3.57	-1.67	-1.9
-8.46	-3.78	-1.73	-2.05
-8.96	-4.03	-1.79	-2.24
-9.55	-4.24	-1.84	-2.41

-10.13	-4.46	-1.88	-2.58
-10.62	-4.67	-1.97	-2.7
-11.26	-4.92	-2.03	-2.89
-11.48	-5.03	-2.07	-2.95
-7.77	-4.39	-1.86	-2.53
-5.14	-3.74	-1.62	-2.12
-3.07	-3.07	-1.36	-1.71
-1.56	-2.41	-1.11	-1.3
-0.48	-1.73	-0.79	-0.95
0.02	-1.47	-0.65	-0.82
1.27	-0.59	-0.27	-0.32
2.3	0.26	0.11	0.16
3.65	1.11	0.31	0.79
5.2	1.95	0.61	1.34
6.99	2.81	0.81	1.99
8.93	3.65	0.99	2.66
11.02	4.49	1.16	3.33
12.46	5.03	1.23	3.8
13.13	5.46	1.33	4.13
13.87	5.86	1.4	4.46
14.48	6.3	1.46	4.84
14.97	6.67	1.53	5.13
12.53	6.36	1.46	4.9
8.28	5.52	1.25	4.26
5.07	4.68	1.03	3.64
2.62	3.83	0.79	3.04
0.75	2.98	0.52	2.47
-0.02	2.55	0.39	2.16
-1.11	1.69	0.08	1.61
-2	0.85	-0.36	1.21
-2.87	0.01	-0.68	0.69
-3.8	-0.88	-0.95	0.07
-5.07	-1.74	-1.29	-0.45
-6.48	-2.58	-1.45	-1.13
-8.2	-3.43	-1.66	-1.77
-10.09	-4.27	-1.87	-2.4
-11.91	-5.05	-2.04	-3.01
-12.58	-5.47	-2.17	-3.3
-13.34	-5.91	-2.23	-3.68
-14	-6.32	-2.34	-3.98
-14.49	-6.67	-2.42	-4.25
-11.93	-6.38	-2.32	-4.06
-7.66	-5.54	-2.05	-3.49
-4.54	-4.69	-1.75	-2.94
-2.41	-3.85	-1.45	-2.4
-0.85	-3	-1.12	-1.87
0.02	-2.35	-0.83	-1.52
1.07	-1.49	-0.43	-1.05
1.91	-0.64	-0.07	-0.57
2.66	0.21	0.28	-0.06
3.73	1.06	0.53	0.53
4.94	1.9	0.65	1.25
6.39	2.76	0.84	1.92
7.93	3.59	0.94	2.65
9.59	4.43	1.16	3.26
10.86	5.04	1.24	3.81
11.56	5.46	1.28	4.19

12.51	5.89	1.39	4.5
13.43	6.31	1.43	4.88
14.24	6.66	1.51	5.15
9.71	5.82	1.33	4.5
6.42	4.98	1.11	3.86
3.72	4.13	0.88	3.25
1.6	3.29	0.62	2.67
0.13	2.44	0.36	2.08
-0.02	2.32	0.32	2
-1.06	1.49	0	1.49
-1.91	0.64	-0.32	0.96
-2.6	-0.21	-0.71	0.51
-3.52	-1.07	-1.02	-0.06
-4.56	-1.92	-1.24	-0.68
-5.75	-2.77	-1.52	-1.24
-7.2	-3.6	-1.75	-1.85
-8.9	-4.45	-1.93	-2.53
-10.14	-5.04	-2.06	-2.99
-10.91	-5.47	-2.16	-3.3
-11.88	-5.9	-2.26	-3.64
-12.91	-6.31	-2.36	-3.95
-13.76	-6.68	-2.42	-4.26
-8.98	-5.83	-2.16	-3.68
-5.66	-4.99	-1.88	-3.12
-3.25	-4.15	-1.58	-2.57
-1.52	-3.3	-1.25	-2.05
-0.3	-2.46	-0.84	-1.62
0	-2.22	-0.83	-1.39
0.93	-1.36	-0.31	-1.05
1.86	-0.52	-0.07	-0.45
2.57	0.32	0.31	0.01
3.58	1.17	0.57	0.6
4.81	2.02	0.66	1.37
6.18	2.86	0.83	2.04
7.74	3.71	1.01	2.7
9.42	4.56	1.16	3.4
10.43	5.04	1.24	3.8
11.2	5.47	1.31	4.16
12.13	5.88	1.37	4.51
13.13	6.31	1.45	4.86
14.03	6.67	1.51	5.16
9.44	5.82	1.31	4.51
6.18	4.98	1.09	3.89
3.57	4.13	0.86	3.27
1.53	3.29	0.6	2.7
0.07	2.45	0.38	2.07
-0.03	2.33	0.32	2.01
-1.1	1.48	-0.03	1.51
-1.81	0.63	-0.43	1.05
-2.62	-0.22	-0.69	0.47
-3.46	-1.07	-0.99	-0.08
-4.46	-1.92	-1.23	-0.69
-5.67	-2.76	-1.47	-1.29
-7.09	-3.6	-1.76	-1.84
-8.74	-4.45	-1.95	-2.5
-9.99	-5.05	-2.1	-2.95
-10.72	-5.47	-2.15	-3.32

-11.76	-5.9	-2.24	-3.66
-12.73	-6.3	-2.34	-3.97
-13.7	-6.68	-2.42	-4.26
-8.92	-5.85	-2.16	-3.69
-5.62	-4.99	-1.89	-3.11
-3.23	-4.15	-1.6	-2.55
-1.56	-3.31	-1.23	-2.08
-0.28	-2.46	-0.9	-1.55
0.03	-2.21	-0.83	-1.38
1.16	-1.12	-0.34	-0.78
2.22	-0.04	0.08	-0.12
3.34	1.06	0.47	0.59
4.83	2.11	0.73	1.38
6.56	3.17	0.89	2.28
8.56	4.22	1.06	3.16
10.8	5.29	1.24	4.05
13.41	6.37	1.45	4.92
14.17	6.67	1.53	5.14
14.81	7.09	1.58	5.51
15.51	7.51	1.64	5.87
16.05	7.94	1.7	6.23
16.55	8.34	1.78	6.56
17.07	8.78	1.84	6.93
17.5	9.19	1.94	7.25
17.9	9.63	1.97	7.66
18.32	10.02	2.04	7.98
15.32	9.62	1.93	7.69
9.94	8.54	1.69	6.85
5.96	7.46	1.43	6.02
3.09	6.38	1.15	5.24
1.05	5.28	0.86	4.42
-0.02	4.49	0.6	3.9
-0.98	3.41	0.28	3.13
-1.75	2.38	-0.11	2.5
-2.39	1.35	-0.45	1.8
-3.11	0.31	-0.81	1.13
-3.97	-0.71	-1.09	0.38
-5.07	-1.76	-1.36	-0.4
-6.38	-2.82	-1.66	-1.16
-8.16	-3.91	-1.84	-2.06
-10.22	-4.99	-2.08	-2.91
-12.58	-6.04	-2.33	-3.71
-14.05	-6.69	-2.44	-4.25
-14.5	-7.1	-2.48	-4.62
-15.18	-7.52	-2.57	-4.95
-15.74	-7.94	-2.65	-5.3
-16.28	-8.37	-2.73	-5.64
-16.76	-8.79	-2.82	-5.97
-17.3	-9.2	-2.85	-6.35
-17.78	-9.63	-2.95	-6.68
-18.24	-10.02	-3.01	-7.02
-14.82	-9.62	-2.89	-6.74
-9.36	-8.55	-2.58	-5.97
-5.47	-7.47	-2.25	-5.22
-2.92	-6.43	-1.92	-4.52
-1.26	-5.37	-1.53	-3.84
-0.12	-4.27	-1.09	-3.18

0.01	-4.14	-1.04	-3.09
0.88	-3.07	-0.49	-2.58
1.54	-2.03	-0.19	-1.84
2.19	-0.99	0.19	-1.18
2.94	0.07	0.45	-0.38
3.76	1.14	0.66	0.48
4.73	2.22	0.89	1.34
5.9	3.24	1	2.24
7.27	4.31	1.17	3.14
8.75	5.36	1.33	4.03
10.51	6.41	1.48	4.93
10.96	6.68	1.52	5.16
11.45	7.1	1.57	5.53
12.25	7.53	1.63	5.9
13.03	7.94	1.66	6.28
13.88	8.37	1.74	6.64
14.78	8.8	1.81	6.99
15.64	9.22	1.89	7.34
16.57	9.65	1.96	7.69
17.17	10	1.98	8.02
11.49	8.92	1.76	7.16
7.38	7.85	1.5	6.35
4.27	6.75	1.25	5.5
2.03	5.66	0.98	4.68
0.45	4.57	0.68	3.89
0	4.16	0.6	3.56
-0.86	3.12	0.3	2.82
-1.55	2.06	-0.23	2.29
-2.17	1	-0.55	1.55
-2.74	-0.03	-0.78	0.75
-3.43	-1.1	-1.15	0.05
-4.27	-2.14	-1.35	-0.79
-5.28	-3.23	-1.68	-1.55
-6.59	-4.32	-1.93	-2.39
-8.11	-5.39	-2.12	-3.27
-10.32	-6.68	-2.39	-4.29
-10.86	-7.09	-2.44	-4.65
-11.64	-7.52	-2.51	-5.02
-12.52	-7.94	-2.59	-5.35
-13.41	-8.36	-2.68	-5.68
-14.37	-8.78	-2.74	-6.04
-15.3	-9.21	-2.83	-6.38
-16.3	-9.63	-2.94	-6.69
-17.12	-9.99	-2.98	-7.02
-11.1	-8.96	-2.68	-6.28
-6.94	-7.88	-2.38	-5.51
-4.02	-6.83	-2.03	-4.79
-2.06	-5.76	-1.66	-4.1
-0.68	-4.69	-1.28	-3.41
0	-3.99	-0.95	-3.04
0.85	-2.91	-0.48	-2.44
1.43	-1.83	-0.11	-1.71
2.14	-0.8	0.21	-1.02
2.82	0.28	0.37	-0.09
3.62	1.36	0.64	0.72
4.56	2.43	0.8	1.63
5.72	3.49	1.06	2.43

7.06	4.57	1.16	3.41
8.61	5.65	1.35	4.3
10.32	6.69	1.5	5.19
10.83	7.11	1.52	5.59
11.61	7.53	1.6	5.93
12.41	7.95	1.68	6.27
13.26	8.38	1.76	6.62
14.18	8.79	1.81	6.98
15.08	9.22	1.84	7.38
15.98	9.64	1.93	7.7
16.81	10.01	1.97	8.05
11.19	8.92	1.76	7.16
7.18	7.85	1.5	6.35
4.18	6.81	1.24	5.58
1.99	5.72	0.95	4.77
0.47	4.65	0.7	3.95
-0.01	4.21	0.61	3.6
-0.78	3.12	0.25	2.88
-1.52	2.04	-0.21	2.26
-2.11	1	-0.48	1.48
-2.68	-0.03	-0.8	0.77
-3.32	-1.07	-1.11	0.04
-4.14	-2.14	-1.35	-0.79
-5.12	-3.17	-1.67	-1.49
-6.31	-4.26	-1.88	-2.38
-7.76	-5.32	-2.09	-3.23
-9.48	-6.37	-2.33	-4.04
-10.02	-6.68	-2.36	-4.32
-10.59	-7.1	-2.42	-4.68
-11.38	-7.52	-2.5	-5.02
-12.25	-7.94	-2.6	-5.34
-13.13	-8.35	-2.67	-5.68
-14.05	-8.78	-2.75	-6.03
-15.05	-9.2	-2.83	-6.38
-16.05	-9.62	-2.91	-6.71
-16.97	-10.02	-3.01	-7.02
-10.96	-8.96	-2.69	-6.28
-6.77	-7.88	-2.37	-5.51
-3.88	-6.79	-1.99	-4.8
-1.96	-5.71	-1.64	-4.07
-0.58	-4.63	-1.25	-3.38
0.02	-4.01	-0.98	-3.03
1.11	-2.5	-0.34	-2.15
1.9	-1.05	0.16	-1.2
2.89	0.45	0.48	-0.03
3.96	1.92	0.75	1.17
5.46	3.42	1	2.42
7.31	4.89	1.25	3.64
9.53	6.39	1.43	4.97
12.3	7.87	1.66	6.21
15.59	9.35	1.9	7.45
17.12	10.01	1.98	8.03
17.53	10.43	2.05	8.38
18.18	10.85	2.08	8.77
18.75	11.27	2.13	9.14
19.29	11.69	2.2	9.5
19.75	12.11	2.24	9.88

20.22	12.53	2.31	10.21
20.65	12.95	2.39	10.56
21.07	13.35	2.44	10.91
16.93	12.72	2.3	10.41
9.68	11.26	1.95	9.31
4.94	9.76	1.61	8.16
2.07	8.31	1.26	7.05
0.23	6.8	0.92	5.88
-0.01	6.48	0.86	5.62
-1.03	4.99	0.46	4.53
-1.66	3.54	0.01	3.53
-2.33	2.02	-0.52	2.54
-2.99	0.58	-0.83	1.41
-3.88	-0.95	-1.22	0.28
-4.97	-2.4	-1.56	-0.84
-6.35	-3.86	-1.84	-2.02
-8.26	-5.35	-2.18	-3.17
-10.65	-6.84	-2.42	-4.42
-13.57	-8.31	-2.67	-5.64
-17.42	-10.05	-2.98	-7.07
-17.67	-10.47	-3.07	-7.4
-18.29	-10.9	-3.13	-7.76
-18.88	-11.31	-3.2	-8.1
-19.42	-11.74	-3.3	-8.44
-19.93	-12.16	-3.34	-8.81
-20.44	-12.58	-3.43	-9.15
-20.87	-13	-3.52	-9.47
-21.24	-13.34	-3.61	-9.74
-15.94	-12.52	-3.34	-9.17
-8.89	-11.06	-2.9	-8.16
-4.44	-9.56	-2.45	-7.11
-1.95	-8.06	-1.99	-6.06
-0.46	-6.6	-1.51	-5.09
0.01	-6	-1.21	-4.78
0.85	-4.49	-0.66	-3.82
1.55	-2.98	-0.16	-2.82
2.07	-1.52	0.25	-1.77
2.84	-0.02	0.53	-0.55
3.72	1.45	0.7	0.74
4.66	2.89	0.99	1.9
5.78	4.4	1.21	3.19
7.27	5.86	1.38	4.48
9.03	7.3	1.59	5.71
11.26	8.81	1.77	7.04
13.37	10	1.9	8.1
13.75	10.44	1.97	8.47
14.58	10.85	2.02	8.83
15.42	11.28	2.08	9.2
16.28	11.7	2.16	9.54
17.2	12.12	2.21	9.91
18.12	12.54	2.26	10.28
19	12.97	2.33	10.64
19.73	13.34	2.39	10.95
12.1	11.88	2.06	9.82
6.81	10.38	1.72	8.66
3.32	8.87	1.39	7.48
1.17	7.42	1.09	6.33

0	6.15	0.8	5.35
-0.86	4.7	0.39	4.3
-1.47	3.24	-0.04	3.28
-1.94	1.79	-0.46	2.25
-2.55	0.27	-0.96	1.23
-3.31	-1.17	-1.16	-0.01
-4.1	-2.62	-1.6	-1.03
-5.19	-4.07	-1.8	-2.27
-6.52	-5.56	-2.15	-3.41
-8.34	-7.04	-2.39	-4.66
-10.56	-8.53	-2.67	-5.86
-13.33	-10.05	-2.91	-7.14
-13.81	-10.47	-3.01	-7.46
-14.6	-10.88	-3.06	-7.82
-15.52	-11.32	-3.16	-8.16
-16.45	-11.73	-3.21	-8.52
-17.4	-12.14	-3.3	-8.84
-18.36	-12.57	-3.4	-9.17
-19.3	-12.99	-3.48	-9.5
-20.06	-13.36	-3.56	-9.8
-12.15	-11.91	-3.14	-8.77
-6.76	-10.4	-2.71	-7.69
-3.37	-8.91	-2.28	-6.63
-1.35	-7.44	-1.79	-5.65
-0.12	-5.99	-1.25	-4.74
0.02	-5.75	-1.07	-4.68
0.85	-4.24	-0.53	-3.71
1.39	-2.78	-0.15	-2.63
2.08	-1.28	0.34	-1.62
2.78	0.2	0.52	-0.32
3.55	1.68	0.73	0.95
4.43	3.14	0.98	2.16
5.48	4.64	1.16	3.47
6.96	6.12	1.39	4.74
8.76	7.61	1.56	6.05
11	9.06	1.75	7.31
12.66	10.02	1.89	8.13
13.07	10.44	1.95	8.49
13.87	10.86	2.02	8.83
14.73	11.28	2.06	9.22
15.67	11.71	2.11	9.6
16.58	12.12	2.17	9.95
17.55	12.55	2.25	10.3
18.47	12.96	2.3	10.67
19.35	13.35	2.37	10.98
11.75	11.89	2.02	9.86
6.54	10.38	1.68	8.7
3.18	8.92	1.36	7.56
1.04	7.36	1.02	6.34
0.01	6.21	0.79	5.42
-0.85	4.75	0.37	4.38
-1.46	3.25	0.05	3.2
-1.94	1.76	-0.48	2.24
-2.5	0.28	-0.75	1.04
-3.18	-1.18	-1.24	0.05
-3.98	-2.69	-1.45	-1.24
-5.03	-4.16	-1.89	-2.27

-6.33	-5.65	-2.14	-3.51
-8.09	-7.09	-2.42	-4.67
-10.33	-8.6	-2.66	-5.94
-12.95	-10.04	-2.89	-7.15
-13.41	-10.47	-2.98	-7.5
-14.27	-10.89	-3.07	-7.82
-15.11	-11.3	-3.1	-8.21
-16.04	-11.73	-3.21	-8.51
-17.05	-12.15	-3.3	-8.85
-18.03	-12.58	-3.39	-9.2
-18.97	-12.99	-3.44	-9.55
-19.77	-13.35	-3.57	-9.78
-11.86	-11.89	-3.11	-8.78
-6.56	-10.4	-2.7	-7.7
-3.27	-8.96	-2.28	-6.68
-1.31	-7.45	-1.78	-5.67
-0.1	-5.98	-1.16	-4.82
0.02	-5.77	-1.08	-4.68
1.09	-3.64	-0.38	-3.27
1.93	-1.52	0.15	-1.67
2.87	0.59	0.57	0.02
3.98	2.71	0.87	1.84
5.47	4.83	1.27	3.56
7.6	6.95	1.46	5.49
10.6	9.06	1.75	7.3
14.6	11.16	2.02	9.14
19.72	13.39	2.37	11.02
20.08	13.81	2.42	11.4
20.69	14.23	2.48	11.76
21.27	14.65	2.52	12.12
21.75	15.06	2.57	12.49
22.27	15.5	2.66	12.84
22.77	15.91	2.71	13.19
23.23	16.34	2.78	13.56
23.62	16.76	2.84	13.91
24.09	17.18	2.89	14.28
24.47	17.59	2.94	14.65
24.88	18.01	3.02	14.99
25.24	18.44	3.06	15.39
25.61	18.87	3.16	15.7
26.04	19.29	3.23	16.06
26.39	19.7	3.27	16.43
26.61	20	3.3	16.7
21.74	19.27	3.16	16.11
11.41	17.13	2.66	14.48
5.1	15.01	2.16	12.85
1.81	12.89	1.76	11.13
0.15	10.79	1.34	9.45
-0.02	10.5	1.3	9.2
-0.88	8.39	0.87	7.52
-1.42	6.26	0.23	6.04
-2.05	4.18	-0.27	4.45
-2.66	2.1	-0.72	2.82
-3.39	-0.03	-1.18	1.15
-4.27	-2.14	-1.59	-0.55
-5.52	-4.26	-1.94	-2.32
-7.39	-6.37	-2.33	-4.04

-10.18	-8.47	-2.61	-5.86
-13.88	-10.59	-3	-7.59
-18.43	-12.7	-3.41	-9.29
-19.78	-13.36	-3.53	-9.83
-19.92	-13.78	-3.57	-10.21
-20.49	-14.2	-3.64	-10.56
-21.04	-14.63	-3.72	-10.91
-21.54	-15.04	-3.77	-11.27
-22.04	-15.48	-3.88	-11.6
-22.54	-15.89	-3.94	-11.94
-23	-16.31	-4.01	-12.31
-23.42	-16.73	-4.09	-12.64
-23.86	-17.15	-4.17	-12.98
-24.26	-17.57	-4.23	-13.34
-24.67	-17.99	-4.33	-13.67
-25.03	-18.41	-4.38	-14.03
-25.46	-18.84	-4.47	-14.37
-25.89	-19.26	-4.54	-14.72
-26.18	-19.67	-4.66	-15.01
-26.46	-20.01	-4.71	-15.3
-21.31	-19.39	-4.51	-14.88
-11.12	-17.27	-3.91	-13.36
-5.05	-15.14	-3.31	-11.83
-2.03	-13	-2.76	-10.24
-0.5	-10.87	-2.14	-8.74
0.01	-9.92	-1.86	-8.06
0.7	-7.8	-0.98	-6.82
1.38	-5.69	-0.46	-5.23
1.98	-3.62	0.11	-3.74
2.53	-1.5	0.38	-1.88
3.21	0.6	0.7	-0.09
3.97	2.71	0.89	1.81
4.79	4.82	1.25	3.57
5.78	6.9	1.56	5.34
7.15	8.97	1.73	7.24
9.26	11.07	1.99	9.08
12.37	13.36	2.27	11.09
12.58	13.78	2.3	11.47
13.23	14.2	2.35	11.85
13.92	14.63	2.4	12.22
14.63	15.04	2.46	12.58
15.34	15.46	2.52	12.94
16.18	15.88	2.58	13.3
17.02	16.3	2.63	13.67
17.77	16.72	2.7	14.03
18.66	17.15	2.77	14.38
19.48	17.57	2.83	14.75
20.35	17.98	2.89	15.1
21.17	18.41	2.95	15.46
22.05	18.82	3	15.82
22.87	19.23	3.09	16.14
23.64	19.67	3.14	16.53
24.21	20.01	3.18	16.83
13.57	17.88	2.72	15.16
6.75	15.76	2.25	13.51
2.84	13.6	1.85	11.75
0.76	11.48	1.48	10

0	10.17	1.24	8.93
-0.8	8.04	0.85	7.19
-1.24	5.96	0.3	5.66
-1.82	3.81	-0.31	4.12
-2.29	1.69	-0.89	2.58
-2.84	-0.43	-1.21	0.78
-3.47	-2.48	-1.57	-0.91
-4.21	-4.6	-1.98	-2.63
-5.12	-6.73	-2.33	-4.4
-6.47	-8.84	-2.57	-6.28
-8.5	-10.95	-2.95	-7.99
-12.06	-13.36	-3.33	-10.04
-12.33	-13.79	-3.41	-10.38
-12.98	-14.21	-3.44	-10.76
-13.73	-14.63	-3.56	-11.08
-14.44	-15.05	-3.62	-11.43
-15.19	-15.47	-3.7	-11.78
-15.99	-15.89	-3.77	-12.12
-16.85	-16.31	-3.88	-12.44
-17.7	-16.74	-3.97	-12.77
-18.56	-17.16	-4.03	-13.13
-19.44	-17.57	-4.14	-13.43
-20.32	-18	-4.2	-13.81
-21.27	-18.42	-4.3	-14.12
-22.19	-18.84	-4.39	-14.45
-23.12	-19.27	-4.47	-14.8
-24	-19.69	-4.57	-15.12
-24.59	-20.03	-4.64	-15.39
-13.64	-17.94	-4.03	-13.9
-6.87	-15.83	-3.46	-12.37
-3.03	-13.72	-2.89	-10.83
-1.05	-11.61	-2.34	-9.27
0.01	-9.62	-1.74	-7.88
0.7	-7.49	-0.93	-6.55
1.29	-5.37	-0.16	-5.21
1.83	-3.26	0.12	-3.38
2.4	-1.14	0.44	-1.59
3	0.97	0.67	0.3
3.65	3.09	0.94	2.14
4.43	5.2	1.21	3.99
5.4	7.31	1.5	5.81
6.67	9.43	1.77	7.66
8.69	11.54	1.98	9.57
11.01	13.36	2.2	11.16
11.29	13.78	2.24	11.54
11.89	14.2	2.27	11.93
12.58	14.62	2.33	12.29
13.26	15.04	2.4	12.64
14	15.46	2.44	13.02
14.79	15.89	2.51	13.38
15.63	16.31	2.57	13.74
16.47	16.73	2.63	14.1
17.28	17.15	2.68	14.47
18.2	17.57	2.75	14.82
19.06	17.99	2.84	15.16
19.97	18.4	2.87	15.53
20.87	18.82	2.96	15.86

21.87	19.25	3.02	16.22
22.77	19.67	3.08	16.59
23.43	20.01	3.12	16.89
13.02	17.91	2.66	15.25
6.44	15.78	2.21	13.57
2.67	13.63	1.8	11.82
0.7	11.51	1.45	10.06
0	10.25	1.22	9.03
-0.75	8.1	0.79	7.31
-1.32	5.98	0.24	5.75
-1.68	3.88	-0.3	4.17
-2.21	1.75	-0.83	2.58
-2.67	-0.37	-1.2	0.83
-3.3	-2.48	-1.62	-0.85
-3.97	-4.56	-1.93	-2.63
-4.79	-6.67	-2.25	-4.42
-5.98	-8.77	-2.57	-6.2
-7.84	-10.91	-2.91	-8
-11.28	-13.36	-3.31	-10.05
-11.58	-13.78	-3.36	-10.42
-12.18	-14.21	-3.42	-10.79
-12.91	-14.63	-3.52	-11.12
-13.6	-15.05	-3.6	-11.45
-14.37	-15.48	-3.64	-11.84
-15.16	-15.89	-3.73	-12.16
-16	-16.31	-3.8	-12.52
-16.88	-16.74	-3.93	-12.81
-17.72	-17.16	-3.99	-13.17
-18.62	-17.58	-4.07	-13.52
-19.54	-18.01	-4.15	-13.86
-20.47	-18.42	-4.28	-14.14
-21.44	-18.84	-4.36	-14.48
-22.33	-19.26	-4.45	-14.81
-23.31	-19.68	-4.5	-15.18
-24.04	-20.03	-4.6	-15.43
-13.13	-17.91	-4.01	-13.9
-6.45	-15.76	-3.41	-12.35
-2.82	-13.63	-2.85	-10.78
-0.97	-11.51	-2.31	-9.2
0	-9.67	-1.69	-7.98
0.33	-8.76	-1.43	-7.33
0.62	-7.86	-1.02	-6.85
0.86	-6.96	-0.56	-6.4
1.15	-6.03	-0.38	-5.65
1.37	-5.13	-0.12	-5
1.6	-4.18	-0.07	-4.12
1.79	-3.32	0.13	-3.45
2	-2.45	0.22	-2.67
2.21	-1.59	0.31	-1.9
2.44	-0.66	0.45	-1.11
2.68	0.21	0.61	-0.39
2.93	1.1	0.66	0.44
3.21	2.06	0.79	1.28
3.46	2.92	0.89	2.03
3.77	3.81	1.02	2.79
4.08	4.67	1.14	3.53
4.38	5.52	1.25	4.28

4.75	6.41	1.36	5.05
5.15	7.31	1.47	5.85
5.54	8.19	1.59	6.6
6.09	9.1	1.71	7.38
6.67	9.98	1.79	8.2
7.48	10.87	1.85	9.01
8.42	11.77	1.99	9.77
9.49	12.64	2.07	10.58
10.66	13.54	2.18	11.36
12.04	14.44	2.3	12.14
13.51	15.29	2.4	12.89
15.14	16.13	2.5	13.63
16.84	16.97	2.64	14.33
18.85	17.87	2.78	15.1
20.76	18.72	2.91	15.81
22.83	19.6	3.08	16.51
23.8	20.03	3.11	16.92
23.87	20.46	3.18	17.28
24.53	20.88	3.22	17.66
25.14	21.3	3.3	18
25.68	21.71	3.33	18.38
26.19	22.13	3.43	18.7
26.71	22.56	3.48	19.09
27.19	22.98	3.56	19.42
27.61	23.39	3.62	19.77
28.06	23.82	3.71	20.1
28.5	24.23	3.77	20.46
28.83	24.66	3.8	20.86
29.18	25.08	3.86	21.22
29.56	25.51	3.94	21.57
29.92	25.92	4	21.92
30.18	26.34	4.09	22.25
30.51	26.76	4.14	22.62
30.85	27.18	4.22	22.96
31.11	27.6	4.25	23.36
31.33	28.02	4.34	23.67
31.62	28.45	4.4	24.05
31.89	28.86	4.46	24.4
32.18	29.3	4.5	24.8
32.43	29.72	4.57	25.15
32.66	30.14	4.61	25.52
32.9	30.54	4.7	25.85
33.2	30.98	4.74	26.24
33.33	31.4	4.81	26.59
33.6	31.82	4.85	26.97
33.78	32.24	4.92	27.32
34.05	32.67	4.98	27.68
34.26	33.09	5.06	28.03
34.48	33.51	5.11	28.4
34.7	33.93	5.15	28.78
34.9	34.35	5.21	29.14
35.07	34.76	5.25	29.51
35.22	35.19	5.35	29.84
35.44	35.62	5.37	30.25
35.6	36.03	5.45	30.58
35.77	36.46	5.48	30.98
35.9	36.88	5.52	31.36

36.17	37.3	5.59	31.71
36.32	37.73	5.66	32.07
36.45	38.13	5.72	32.41
36.63	38.55	5.78	32.77
36.8	38.98	5.82	33.16
36.95	39.41	5.93	33.48
37.09	39.83	5.98	33.85
37.27	40.25	6.03	34.21
37.44	40.67	6.09	34.58
37.5	41.09	6.14	34.95
37.63	41.51	6.2	35.31
37.74	41.94	6.28	35.66
37.93	42.36	6.33	36.04
38.07	42.79	6.34	36.44
38.17	43.21	6.39	36.81
38.32	43.62	6.44	37.18
38.44	44.05	6.51	37.54
38.52	44.48	6.58	37.9
38.62	44.89	6.6	38.29
38.67	45.32	6.68	38.64
38.87	45.74	6.72	39.02
38.98	46.16	6.79	39.37
39.07	46.59	6.86	39.73
39.2	47.01	6.88	40.13
39.31	47.43	6.89	40.54
39.42	47.85	6.99	40.86
39.41	48.27	7.02	41.25
39.42	48.69	7.13	41.56
39.53	49.11	7.21	41.9
39.58	49.54	7.2	42.34
39.59	49.96	7.24	42.72
39.57	50.38	7.35	43.03
39.58	50.8	7.37	43.44
39.69	51.23	7.45	43.77
39.69	51.65	7.43	44.22
39.73	52.08	7.52	44.56
39.79	52.5	7.57	44.93
39.81	52.91	7.65	45.26
39.82	53.34	7.7	45.64
39.88	53.76	7.7	46.06
39.94	54.19	7.77	46.42
39.92	54.6	7.8	46.81
39.87	55.03	7.87	47.16
39.82	55.46	7.92	47.54
39.72	55.87	7.97	47.9
39.72	56.29	8	48.29
39.72	56.72	8.04	48.68
39.65	57.14	8.08	49.06
39.75	57.56	8.1	49.46
39.69	57.99	8.2	49.79
39.62	58.41	8.24	50.17
39.47	58.82	8.27	50.55
39.38	59.26	8.3	50.96
39.29	59.67	8.36	51.31
39.08	60.09	8.34	51.75
38.9	60.52	8.42	52.1
38.75	60.94	8.43	52.51

38.49	61.35	8.48	52.87
38.29	61.77	8.48	53.29
37.93	62.21	8.5	53.71
37.74	62.64	8.52	54.12
37.55	63.05	8.56	54.5
37.22	63.48	8.58	54.9
36.99	63.89	8.54	55.35
36.79	64.32	8.57	55.76
36.4	64.74	8.52	56.22
35.83	65.16	8.52	56.64
34.95	65.59	8.56	57.03
34.2	66.03	8.48	57.55
34.14	66.43	8.51	57.92
33.97	66.85	8.51	58.34
33.78	67.28	8.51	58.77
33.66	67.69	8.51	59.18
33.39	68.12	8.47	59.65
33.18	68.55	8.43	60.13
30.84	68.97	8.32	60.65
30.53	69.38	8.35	61.03
30.4	69.82	8.35	61.47
30.28	70.24	8.3	61.94
30.04	70.66	8.3	62.37
29.51	71.09	8.31	62.77
28.02	71.5	8.17	63.33
27.79	71.96	8.16	63.79
27.64	72.41	8.21	64.19
27.66	72.83	8.14	64.69
27.53	73.26	8.11	65.15
27.42	73.68	8.09	65.59
27.49	74.1	8.05	66.05
27.41	74.52	8.2	66.31
27.31	74.93	8.2	66.74
27.27	75.37	8.11	67.27
27.16	75.79	8.11	67.68
27.14	76.21	8.14	68.07
27.1	76.63	8.13	68.5
26.59	77.04	8.11	68.93
26.59	77.48	8.09	69.39
26.66	77.9	8.06	69.84
26.58	78.33	8.04	70.29
26.59	78.74	8.06	70.68
26.56	79.16	8.01	71.15
26.41	79.6	7.89	71.71
26.42	80.02	7.92	72.1
26.23	80.44	7.82	72.62
26.15	80.86	8.07	72.79
26.09	81.29	7.75	73.54
25.91	81.72	7.85	73.86
25.89	82.13	8.03	74.1
25.87	82.57	7.86	74.71
25.65	82.98	7.92	75.07
25.56	83.4	7.99	75.41
25.46	83.83	7.75	76.08

荷重 kN	γ $\times 10^{-3}$ rad	θ $\times 10^{-3}$ rad	γ_0 $\times 10^{-3}$ rad	
0	0	0	0	0
1.07	0.21	0.07	0.14	0.14
2.1	0.46	0.14	0.32	0.32
3.07	0.68	0.23	0.45	0.45
3.72	0.91	0.3	0.61	0.61
4.51	1.13	0.36	0.77	0.77
5.19	1.37	0.43	0.94	0.94
5.86	1.57	0.53	1.04	1.04
6.47	1.8	0.57	1.22	1.22
7.19	2.03	0.65	1.39	1.39
7.66	2.22	0.75	1.48	1.48
6.07	1.99	0.67	1.32	1.32
4.04	1.57	0.54	1.03	1.03
2.25	1.15	0.41	0.74	0.74
0.71	0.73	0.26	0.46	0.46
-0.05	0.48	0.18	0.3	0.3
-0.71	0.26	0.1	0.16	0.16
-1.37	0.05	0.03	0.02	0.02
-2	-0.16	-0.02	-0.14	-0.14
-2.75	-0.4	-0.11	-0.29	-0.29
-3.59	-0.64	-0.14	-0.5	-0.5
-4.27	-0.84	-0.22	-0.62	-0.62
-5.01	-1.06	-0.31	-0.75	-0.75
-5.18	-1.11	-0.3	-0.8	-0.8
-5.87	-1.32	-0.34	-0.98	-0.98
-6.52	-1.53	-0.42	-1.11	-1.11
-7.13	-1.75	-0.48	-1.27	-1.27
-7.81	-1.96	-0.52	-1.45	-1.45
-8.46	-2.2	-0.57	-1.63	-1.63
-5.79	-1.8	-0.48	-1.32	-1.32
-3.65	-1.39	-0.37	-1.02	-1.02
-1.8	-0.96	-0.28	-0.68	-0.68
-0.22	-0.54	-0.15	-0.4	-0.4
0.05	-0.48	-0.13	-0.35	-0.35
0.55	-0.26	-0.09	-0.17	-0.17
1.32	-0.03	0.01	-0.04	-0.04
1.82	0.17	0.07	0.1	0.1
2.34	0.41	0.17	0.24	0.24
3.08	0.64	0.25	0.39	0.39
3.67	0.85	0.31	0.54	0.54
4.24	1.08	0.38	0.7	0.7
4.34	1.11	0.43	0.68	0.68
4.99	1.33	0.48	0.86	0.86
5.59	1.56	0.55	1.01	1.01
6.19	1.76	0.61	1.15	1.15
6.84	1.99	0.66	1.33	1.33
7.54	2.23	0.73	1.5	1.5
5.25	1.8	0.61	1.19	1.19
3.4	1.39	0.48	0.91	0.91
1.77	0.97	0.34	0.62	0.62
0.4	0.54	0.2	0.35	0.35
-0.05	0.38	0.15	0.23	0.23
-0.65	0.18	0.08	0.1	0.1
-1.2	-0.07	0.03	-0.1	-0.1

-1.89	-0.28	-0.12	-0.15
-2.67	-0.51	-0.15	-0.36
-3.32	-0.72	-0.21	-0.51
-3.99	-0.93	-0.28	-0.65
-4.67	-1.13	-0.33	-0.81
-5.44	-1.34	-0.39	-0.95
-6.12	-1.57	-0.43	-1.15
-6.96	-1.8	-0.48	-1.31
-7.79	-2.03	-0.52	-1.52
-8.41	-2.23	-0.57	-1.67
-6.69	-2.03	-0.53	-1.5
-4.29	-1.62	-0.43	-1.19
-2.22	-1.16	-0.32	-0.84
-0.48	-0.74	-0.21	-0.53
0.02	-0.59	-0.15	-0.44
0.68	-0.36	-0.09	-0.27
1.25	-0.15	-0.02	-0.12
1.91	0.09	0.06	0.03
2.5	0.31	0.17	0.14
3.04	0.54	0.23	0.31
3.57	0.75	0.31	0.44
4.09	0.96	0.37	0.59
4.53	1.12	0.39	0.73
5.2	1.35	0.46	0.89
5.72	1.56	0.55	1.01
6.35	1.77	0.61	1.16
7.02	2.03	0.67	1.36
7.65	2.23	0.73	1.5
5.45	1.81	0.61	1.19
3.55	1.39	0.49	0.89
1.92	0.97	0.34	0.63
0.53	0.54	0.2	0.34
-0.02	0.32	0.14	0.18
-0.67	0.09	0.02	0.07
-1.22	-0.12	-0.02	-0.1
-1.89	-0.34	-0.11	-0.23
-2.52	-0.54	-0.21	-0.33
-3.18	-0.76	-0.24	-0.53
-3.97	-0.98	-0.3	-0.68
-4.41	-1.14	-0.33	-0.81
-5.18	-1.35	-0.37	-0.98
-5.82	-1.56	-0.43	-1.12
-6.67	-1.77	-0.48	-1.29
-7.4	-1.99	-0.51	-1.49
-8.21	-2.23	-0.57	-1.65
-5.56	-1.81	-0.48	-1.32
-3.42	-1.39	-0.39	-1.01
-1.54	-0.97	-0.27	-0.7
-0.02	-0.54	-0.16	-0.39
0.1	-0.53	-0.14	-0.39
1.35	-0.07	-0.02	-0.06
2.46	0.35	0.15	0.2
3.51	0.78	0.3	0.48
4.74	1.21	0.44	0.77
5.94	1.62	0.57	1.06
7.24	2.06	0.69	1.38
7.74	2.22	0.72	1.5

8.35	2.46	0.8	1.66
8.99	2.66	0.83	1.83
9.46	2.88	0.9	1.98
10.06	3.12	0.93	2.18
10.64	3.36	0.98	2.38
8.89	3.12	0.95	2.17
6.72	2.7	0.82	1.88
4.69	2.29	0.7	1.58
3.08	1.87	0.58	1.29
1.72	1.45	0.44	1.01
0.57	1.02	0.29	0.74
0	0.78	0.22	0.56
-0.97	0.35	0.02	0.33
-2	-0.07	-0.09	0.02
-3.16	-0.48	-0.21	-0.27
-4.37	-0.91	-0.29	-0.62
-5.66	-1.32	-0.4	-0.92
-7.01	-1.75	-0.48	-1.27
-8.59	-2.23	-0.58	-1.65
-9.11	-2.45	-0.63	-1.82
-9.68	-2.66	-0.66	-2
-10.24	-2.88	-0.69	-2.19
-10.75	-3.09	-0.74	-2.35
-11.33	-3.34	-0.78	-2.56
-9.28	-3.14	-0.74	-2.41
-6.8	-2.72	-0.62	-2.1
-4.67	-2.3	-0.56	-1.74
-2.79	-1.88	-0.45	-1.43
-1.27	-1.45	-0.34	-1.12
0.03	-1.06	-0.23	-0.83
1.05	-0.6	-0.07	-0.53
1.9	-0.19	0.07	-0.26
2.8	0.24	0.25	-0.01
3.7	0.66	0.34	0.32
4.62	1.08	0.51	0.57
5.63	1.51	0.58	0.92
6.58	1.93	0.7	1.23
7.46	2.23	0.75	1.48
7.94	2.45	0.8	1.65
8.59	2.69	0.85	1.83
9.22	2.9	0.89	2.01
9.79	3.1	0.95	2.15
10.46	3.35	0.98	2.37
8.12	2.94	0.89	2.05
6.09	2.53	0.79	1.74
4.29	2.11	0.67	1.44
2.81	1.69	0.53	1.16
1.49	1.27	0.4	0.87
0.44	0.84	0.25	0.6
-0.03	0.65	0.16	0.5
-0.84	0.21	-0.01	0.22
-1.92	-0.24	-0.17	-0.07
-3.07	-0.67	-0.3	-0.38
-4.21	-1.09	-0.39	-0.7
-5.4	-1.51	-0.44	-1.07
-6.61	-1.93	-0.52	-1.41
-7.51	-2.23	-0.58	-1.65

-8.11	-2.46	-0.61	-1.85
-8.76	-2.67	-0.64	-2.03
-9.38	-2.89	-0.68	-2.21
-10.15	-3.12	-0.73	-2.39
-10.86	-3.37	-0.8	-2.58
-7.89	-2.9	-0.67	-2.23
-5.64	-2.48	-0.59	-1.89
-3.74	-2.06	-0.48	-1.58
-2.04	-1.64	-0.39	-1.25
-0.64	-1.21	-0.25	-0.96
0.02	-1.01	-0.2	-0.8
1.07	-0.55	-0.05	-0.5
2.01	-0.12	0.16	-0.29
2.84	0.3	0.28	0.02
3.69	0.72	0.42	0.3
4.64	1.14	0.5	0.64
5.61	1.56	0.61	0.95
6.59	1.99	0.72	1.27
7.25	2.23	0.77	1.46
7.82	2.44	0.8	1.64
8.4	2.66	0.84	1.82
8.96	2.88	0.89	1.99
9.64	3.11	0.92	2.19
10.41	3.35	0.99	2.36
7.97	2.93	0.89	2.05
5.82	2.47	0.78	1.69
4.04	2.06	0.64	1.42
2.54	1.63	0.5	1.13
1.28	1.21	0.36	0.85
0.29	0.78	0.19	0.59
-0.03	0.66	0.16	0.5
-0.85	0.24	-0.01	0.25
-1.85	-0.19	-0.18	-0.01
-2.92	-0.6	-0.25	-0.36
-4.05	-1.03	-0.39	-0.64
-5.22	-1.45	-0.45	-1
-6.4	-1.87	-0.51	-1.37
-7.43	-2.24	-0.59	-1.65
-8.06	-2.45	-0.62	-1.83
-8.74	-2.66	-0.66	-2.01
-9.36	-2.89	-0.7	-2.19
-10.09	-3.1	-0.75	-2.35
-10.83	-3.33	-0.77	-2.56
-7.91	-2.91	-0.67	-2.23
-5.62	-2.48	-0.59	-1.89
-3.72	-2.06	-0.48	-1.57
-2.02	-1.63	-0.39	-1.25
-0.67	-1.21	-0.28	-0.93
0.02	-1.03	-0.2	-0.83
1.45	-0.38	0.03	-0.42
2.76	0.3	0.25	0.05
4.17	0.95	0.44	0.5
5.7	1.59	0.61	0.97
7.27	2.23	0.75	1.49
9.04	2.88	0.89	1.98
10.47	3.35	0.99	2.36
11.06	3.59	1.02	2.57

11.64	3.84	1.11	2.74
12.13	4.05	1.11	2.95
12.52	4.26	1.15	3.12
12.98	4.47	1.18	3.29
13.33	4.69	1.22	3.47
13.69	4.91	1.26	3.64
13.9	5.02	1.25	3.78
11.66	4.73	1.2	3.53
8.34	4.09	1.02	3.07
5.42	3.43	0.87	2.56
3.04	2.77	0.67	2.1
1.22	2.11	0.47	1.65
0.02	1.5	0.25	1.26
-1	0.84	0	0.84
-2.24	0.18	-0.18	0.36
-3.59	-0.46	-0.35	-0.11
-5.07	-1.09	-0.41	-0.68
-6.6	-1.74	-0.56	-1.18
-8.39	-2.4	-0.61	-1.79
-10.29	-3.05	-0.75	-2.3
-11.15	-3.34	-0.8	-2.54
-11.63	-3.54	-0.81	-2.73
-12.16	-3.78	-0.87	-2.91
-12.61	-3.98	-0.91	-3.07
-13.05	-4.21	-0.93	-3.29
-13.51	-4.43	-0.98	-3.46
-13.83	-4.65	-0.99	-3.66
-14.26	-4.87	-1.03	-3.84
-14.48	-5.01	-1.05	-3.97
-10.26	-4.35	-0.9	-3.45
-6.86	-3.69	-0.75	-2.94
-4.14	-3.05	-0.57	-2.47
-1.87	-2.36	-0.43	-1.94
-0.13	-1.71	-0.26	-1.45
0.04	-1.63	-0.23	-1.4
1.18	-0.99	-0.04	-0.95
2.22	-0.32	0.26	-0.58
3.25	0.3	0.44	-0.15
4.27	0.95	0.55	0.4
5.45	1.61	0.65	0.97
6.72	2.25	0.79	1.46
8.2	2.93	0.91	2.02
9.29	3.38	0.96	2.42
9.75	3.61	1.04	2.57
10.28	3.84	1.05	2.79
10.91	4.05	1.07	2.97
11.43	4.26	1.11	3.15
12.03	4.52	1.16	3.35
12.63	4.72	1.2	3.51
13.23	4.97	1.26	3.71
13.36	5.01	1.25	3.76
9.79	4.39	1.08	3.31
6.85	3.75	0.93	2.82
4.26	3.07	0.76	2.3
2.22	2.41	0.57	1.84
0.65	1.75	0.38	1.37
0.01	1.39	0.26	1.12

-0.91	0.74	-0.04	0.78
-2.12	0.08	-0.2	0.28
-3.29	-0.55	-0.33	-0.22
-4.58	-1.21	-0.49	-0.72
-5.99	-1.86	-0.59	-1.27
-7.54	-2.48	-0.68	-1.8
-9.2	-3.13	-0.8	-2.34
-9.86	-3.38	-0.8	-2.57
-10.38	-3.58	-0.84	-2.75
-10.97	-3.83	-0.87	-2.97
-11.55	-4.04	-0.89	-3.16
-12.18	-4.25	-0.93	-3.32
-12.78	-4.47	-0.97	-3.51
-13.35	-4.71	-1	-3.71
-13.97	-4.92	-1.04	-3.88
-14.13	-5.01	-1.06	-3.95
-11.78	-4.76	-1	-3.76
-8.12	-4.12	-0.83	-3.3
-4.88	-3.45	-0.67	-2.78
-2.35	-2.79	-0.54	-2.25
-0.42	-2.12	-0.35	-1.77
0.03	-1.94	-0.3	-1.64
1.13	-1.31	-0.07	-1.24
2.1	-0.66	0.2	-0.86
3.06	-0.01	0.37	-0.38
4.06	0.66	0.49	0.16
5.12	1.3	0.65	0.65
6.22	1.94	0.73	1.21
7.56	2.58	0.85	1.73
9.37	3.37	0.99	2.38
9.79	3.57	1.02	2.55
10.36	3.81	1.06	2.75
10.88	4.03	1.1	2.93
11.46	4.24	1.13	3.11
12.01	4.47	1.17	3.3
12.66	4.74	1.2	3.54
13.28	4.95	1.23	3.72
13.38	5.03	1.25	3.78
9.84	4.39	1.11	3.28
6.84	3.74	0.93	2.8
4.3	3.08	0.75	2.33
2.27	2.43	0.57	1.85
0.78	1.77	0.36	1.41
0	1.38	0.25	1.13
-0.76	0.72	0.05	0.67
-1.92	0.09	-0.22	0.31
-3.07	-0.55	-0.4	-0.15
-4.27	-1.21	-0.51	-0.7
-5.62	-1.85	-0.61	-1.23
-7	-2.48	-0.72	-1.76
-8.61	-3.13	-0.79	-2.34
-9.21	-3.36	-0.81	-2.55
-9.74	-3.6	-0.84	-2.76
-10.36	-3.85	-0.89	-2.95
-11.03	-4.09	-0.92	-3.17
-11.61	-4.29	-0.93	-3.35
-12.26	-4.52	-0.96	-3.56

-12.93	-4.74	-1.04	-3.7
-13.68	-5.01	-1.04	-3.97
-9.49	-4.35	-0.89	-3.46
-6.18	-3.7	-0.75	-2.95
-3.46	-3.03	-0.57	-2.46
-1.27	-2.36	-0.42	-1.95
-0.01	-1.85	-0.29	-1.57
1.51	-0.96	0.05	-1.01
2.77	-0.13	0.3	-0.43
4.04	0.71	0.55	0.16
5.42	1.56	0.65	0.92
6.97	2.4	0.83	1.57
8.93	3.25	0.95	2.3
11.04	4.09	1.11	2.98
13.63	5.05	1.29	3.76
14.37	5.47	1.34	4.12
15.13	5.89	1.41	4.48
15.84	6.3	1.47	4.83
16.39	6.66	1.52	5.13
13.66	6.31	1.43	4.88
9.25	5.47	1.21	4.26
5.77	4.63	1.01	3.63
2.97	3.79	0.78	3.01
1.09	2.96	0.52	2.44
0	2.35	0.38	1.97
-0.96	1.51	-0.01	1.51
-2.17	0.66	-0.19	0.85
-3.36	-0.19	-0.41	0.22
-4.72	-1.04	-0.52	-0.52
-6.31	-1.88	-0.61	-1.26
-8.2	-2.72	-0.76	-1.96
-10.24	-3.56	-0.87	-2.69
-12.51	-4.41	-1.01	-3.4
-14.19	-5.01	-1.06	-3.96
-14.85	-5.43	-1.13	-4.3
-15.67	-5.85	-1.19	-4.66
-16.34	-6.28	-1.21	-5.06
-16.98	-6.64	-1.29	-5.36
-13.83	-6.34	-1.23	-5.11
-9	-5.49	-1.02	-4.47
-5.1	-4.65	-0.8	-3.85
-2.2	-3.81	-0.61	-3.2
-0.19	-2.98	-0.35	-2.62
0.05	-2.84	-0.33	-2.52
1.28	-1.99	-0.02	-1.98
2.27	-1.15	0.15	-1.3
3.22	-0.3	0.43	-0.74
4.15	0.53	0.52	0.02
5.27	1.38	0.74	0.64
6.48	2.24	0.88	1.36
7.97	3.08	0.95	2.13
9.71	3.91	1.09	2.82
11.52	4.77	1.22	3.55
12.02	5.02	1.25	3.76
12.94	5.47	1.29	4.18
13.95	5.9	1.39	4.51
14.89	6.32	1.44	4.88

15.71	6.67	1.5	5.17
11.14	5.84	1.3	4.54
7.42	5	1.08	3.92
4.47	4.16	0.89	3.28
2.15	3.32	0.67	2.65
0.58	2.48	0.43	2.05
-0.02	2.06	0.24	1.83
-0.96	1.21	-0.14	1.35
-2.06	0.37	-0.26	0.63
-3.07	-0.48	-0.47	-0.01
-4.35	-1.32	-0.62	-0.7
-5.69	-2.17	-0.74	-1.43
-7.31	-3.02	-0.83	-2.19
-9.14	-3.86	-0.94	-2.92
-11.16	-4.71	-1.02	-3.68
-11.93	-5.01	-1.08	-3.93
-12.76	-5.44	-1.13	-4.3
-13.88	-5.86	-1.17	-4.68
-14.97	-6.28	-1.23	-5.05
-16.08	-6.69	-1.31	-5.37
-10.79	-5.86	-1.11	-4.75
-6.79	-5.01	-0.89	-4.13
-3.59	-4.17	-0.7	-3.48
-1.13	-3.32	-0.51	-2.81
0.03	-2.78	-0.36	-2.42
1.22	-1.94	-0.04	-1.89
2.18	-1.09	0.21	-1.3
3.07	-0.25	0.43	-0.67
4	0.6	0.55	0.05
5.06	1.45	0.68	0.77
6.21	2.29	0.84	1.45
7.72	3.14	1.02	2.13
9.39	3.98	1.09	2.89
11.73	5.04	1.23	3.81
12.57	5.48	1.3	4.17
13.53	5.9	1.38	4.52
14.62	6.32	1.43	4.89
15.51	6.68	1.48	5.2
10.9	5.84	1.3	4.54
7.27	5	1.08	3.92
4.29	4.16	0.87	3.3
2.03	3.32	0.66	2.67
0.49	2.48	0.41	2.07
0	2.14	0.32	1.82
-0.94	1.28	-0.06	1.34
-1.98	0.43	-0.31	0.74
-2.98	-0.42	-0.47	0.05
-4.2	-1.27	-0.6	-0.67
-5.48	-2.12	-0.67	-1.45
-7.03	-2.96	-0.82	-2.14
-8.84	-3.79	-0.93	-2.86
-10.87	-4.65	-1.02	-3.63
-11.77	-5.01	-1.04	-3.97
-12.58	-5.43	-1.14	-4.29
-13.7	-5.86	-1.15	-4.71
-14.83	-6.27	-1.25	-5.02
-15.97	-6.69	-1.3	-5.39

-10.68	-5.86	-1.1	-4.76
-6.67	-5.01	-0.89	-4.12
-3.45	-4.17	-0.68	-3.49
-1.07	-3.32	-0.5	-2.82
0.02	-2.79	-0.32	-2.47
1.48	-1.73	-0.07	-1.65
2.57	-0.66	0.34	-1
3.69	0.41	0.52	-0.12
4.99	1.51	0.7	0.82
6.58	2.56	0.9	1.66
8.45	3.62	1.01	2.61
10.73	4.69	1.16	3.54
13.33	5.77	1.35	4.42
15.7	6.68	1.48	5.2
16.38	7.09	1.56	5.54
17.08	7.52	1.61	5.9
17.72	7.94	1.68	6.26
18.31	8.36	1.74	6.62
18.87	8.78	1.79	6.99
19.39	9.2	1.89	7.32
19.89	9.62	1.9	7.72
20.36	10.01	1.98	8.04
16.7	9.51	1.84	7.67
11.06	8.43	1.57	6.87
6.64	7.35	1.3	6.06
3.38	6.27	1.01	5.26
1.32	5.2	0.77	4.43
-0.02	4.23	0.48	3.75
-0.85	3.18	0.16	3.02
-1.78	2.12	-0.13	2.25
-2.69	1.02	-0.34	1.36
-3.69	-0.02	-0.52	0.5
-4.89	-1.07	-0.65	-0.42
-6.37	-2.18	-0.78	-1.4
-8.31	-3.25	-0.87	-2.38
-10.46	-4.28	-0.96	-3.32
-13.01	-5.37	-1.13	-4.24
-15.73	-6.45	-1.3	-5.15
-16.27	-6.7	-1.34	-5.37
-16.88	-7.12	-1.38	-5.74
-17.59	-7.54	-1.41	-6.13
-18.22	-7.95	-1.48	-6.47
-18.8	-8.37	-1.55	-6.82
-19.4	-8.8	-1.61	-7.19
-19.92	-9.23	-1.66	-7.57
-20.44	-9.65	-1.71	-7.94
-20.87	-10.02	-1.76	-8.25
-17.12	-9.62	-1.69	-7.94
-10.92	-8.56	-1.4	-7.16
-6.24	-7.48	-1.12	-6.36
-2.8	-6.39	-0.86	-5.53
-0.55	-5.31	-0.61	-4.69
0.02	-4.89	-0.51	-4.38
1.09	-3.82	-0.22	-3.6
1.92	-2.72	0.02	-2.74
2.59	-1.66	0.25	-1.91
3.32	-0.56	0.43	-0.99

4.06	0.5	0.67	-0.17
4.95	1.58	0.8	0.78
5.97	2.64	0.99	1.65
7.27	3.7	1.11	2.59
8.82	4.77	1.24	3.53
10.72	5.86	1.39	4.47
12.35	6.69	1.45	5.24
12.95	7.13	1.52	5.61
13.78	7.54	1.57	5.98
14.65	7.96	1.62	6.33
15.6	8.39	1.69	6.7
16.49	8.79	1.75	7.04
17.48	9.22	1.83	7.4
18.36	9.65	1.88	7.77
19.07	10.01	1.94	8.07
13.38	8.93	1.66	7.27
8.7	7.86	1.41	6.45
5.06	6.77	1.13	5.64
2.5	5.69	0.89	4.79
0.83	4.61	0.64	3.97
0.02	3.93	0.5	3.43
-0.78	2.85	0.14	2.71
-1.57	1.77	-0.21	1.98
-2.3	0.68	-0.34	1.02
-3.15	-0.38	-0.52	0.14
-4.07	-1.44	-0.65	-0.79
-5.05	-2.51	-0.84	-1.67
-6.46	-3.6	-0.96	-2.64
-8.12	-4.64	-1.08	-3.56
-10.09	-5.72	-1.19	-4.53
-12.09	-6.69	-1.29	-5.4
-12.68	-7.12	-1.34	-5.78
-13.61	-7.54	-1.39	-6.14
-14.55	-7.96	-1.43	-6.53
-15.58	-8.37	-1.49	-6.87
-16.63	-8.79	-1.54	-7.25
-17.7	-9.23	-1.61	-7.61
-18.72	-9.65	-1.7	-7.95
-19.52	-10	-1.74	-8.26
-13	-8.94	-1.49	-7.45
-7.95	-7.85	-1.23	-6.62
-4.22	-6.81	-0.98	-5.84
-1.57	-5.73	-0.73	-5
-0.07	-4.75	-0.48	-4.26
1.07	-3.67	-0.25	-3.43
1.83	-2.65	0.03	-2.69
2.4	-1.57	0.24	-1.81
3.1	-0.48	0.41	-0.89
3.74	0.55	0.62	-0.07
4.5	1.64	0.76	0.88
5.5	2.67	0.97	1.7
6.77	3.75	1.07	2.68
8.3	4.83	1.23	3.6
10.11	5.86	1.33	4.54
11.66	6.7	1.43	5.27
12.35	7.12	1.48	5.64
13.13	7.54	1.54	6

14.05	7.97	1.58	6.38
14.98	8.39	1.67	6.71
15.98	8.81	1.74	7.07
16.96	9.22	1.78	7.45
17.93	9.65	1.86	7.79
18.72	10	1.94	8.06
13.04	8.94	1.66	7.27
8.44	7.86	1.39	6.46
4.84	6.77	1.11	5.66
2.37	5.69	0.85	4.84
0.7	4.61	0.65	3.96
0.02	3.95	0.43	3.52
-0.65	2.91	0.01	2.91
-1.51	1.82	-0.2	2.02
-2.18	0.74	-0.39	1.13
-3	-0.31	-0.53	0.23
-3.84	-1.37	-0.67	-0.7
-4.82	-2.43	-0.79	-1.65
-6	-3.5	-0.96	-2.54
-7.66	-4.58	-1.09	-3.49
-9.57	-5.61	-1.19	-4.42
-11.69	-6.69	-1.34	-5.35
-12.35	-7.12	-1.35	-5.76
-13.24	-7.54	-1.39	-6.14
-14.23	-7.96	-1.44	-6.51
-15.23	-8.38	-1.52	-6.87
-16.3	-8.79	-1.57	-7.22
-17.35	-9.22	-1.63	-7.59
-18.45	-9.65	-1.69	-7.96
-19.3	-10	-1.73	-8.27
-12.75	-8.95	-1.48	-7.46
-7.69	-7.85	-1.22	-6.62
-3.95	-6.77	-0.95	-5.82
-1.4	-5.73	-0.74	-4.99
0.04	-4.72	-0.47	-4.25
1.4	-3.24	-0.11	-3.14
2.3	-1.8	0.25	-2.04
3.12	-0.33	0.48	-0.81
4.04	1.16	0.7	0.46
5.32	2.61	0.89	1.73
7.03	4.12	1.07	3.05
9.29	5.57	1.27	4.3
12.13	7.07	1.47	5.6
15.45	8.55	1.7	6.84
19.09	10.01	1.93	8.08
19.52	10.43	1.97	8.46
20.16	10.85	2.03	8.81
20.79	11.26	2.07	9.19
21.39	11.69	2.16	9.53
21.94	12.11	2.19	9.92
22.51	12.52	2.25	10.28
22.99	12.96	2.31	10.64
23.44	13.36	2.36	10.99
19.04	12.73	2.21	10.52
11.5	11.28	1.81	9.47
6.05	9.79	1.43	8.36
2.66	8.34	1.12	7.21

0.64	6.87	0.8	6.07
-0.01	6.12	0.71	5.41
-0.81	4.62	0.16	4.46
-1.7	3.14	-0.09	3.23
-2.45	1.69	-0.34	2.04
-3.32	0.19	-0.55	0.74
-4.43	-1.27	-0.71	-0.55
-5.63	-2.74	-0.89	-1.85
-7.56	-4.23	-1.07	-3.16
-10.06	-5.72	-1.2	-4.53
-13	-7.21	-1.34	-5.87
-16.48	-8.68	-1.53	-7.15
-19.7	-10.01	-1.74	-8.27
-19.97	-10.43	-1.8	-8.63
-20.63	-10.85	-1.84	-9.02
-21.25	-11.27	-1.9	-9.37
-21.91	-11.69	-1.96	-9.73
-22.52	-12.11	-2.02	-10.08
-23.01	-12.53	-2.06	-10.48
-23.52	-12.96	-2.11	-10.84
-23.95	-13.36	-2.24	-11.12
-19.69	-12.99	-2.11	-10.89
-11.38	-11.51	-1.72	-9.79
-5.65	-10.05	-1.36	-8.68
-2.02	-8.56	-1.03	-7.52
-0.13	-7.1	-0.75	-6.35
0.02	-6.93	-0.7	-6.22
1.12	-5.46	-0.47	-5
1.81	-3.97	-0.11	-3.85
2.46	-2.5	0.17	-2.67
3.07	-0.99	0.4	-1.4
3.76	0.51	0.64	-0.13
4.53	1.96	0.89	1.08
5.49	3.4	1.1	2.3
6.93	4.87	1.21	3.65
8.79	6.36	1.4	4.96
11.12	7.87	1.56	6.32
13.8	9.32	1.76	7.56
15.15	10.03	1.88	8.16
15.7	10.46	1.88	8.58
16.55	10.87	1.93	8.95
17.43	11.29	1.99	9.3
18.36	11.72	2.06	9.66
19.32	12.13	2.15	9.99
20.27	12.55	2.2	10.35
21.12	12.97	2.25	10.71
21.82	13.33	2.3	11.03
14.13	11.88	1.93	9.95
8.27	10.4	1.58	8.82
4.11	8.91	1.27	7.64
1.62	7.46	0.98	6.48
0.16	5.95	0.72	5.23
0	5.77	0.67	5.09
-0.78	4.26	0.21	4.05
-1.45	2.79	-0.12	2.92
-2.03	1.3	-0.29	1.59
-2.78	-0.17	-0.49	0.33

-3.62	-1.61	-0.72	-0.89
-4.56	-3.11	-0.89	-2.23
-5.73	-4.58	-1.15	-3.43
-7.58	-6.07	-1.23	-4.84
-9.86	-7.59	-1.4	-6.18
-12.73	-9.05	-1.59	-7.46
-14.76	-10.03	-1.7	-8.33
-15.38	-10.48	-1.74	-8.74
-16.3	-10.9	-1.81	-9.09
-17.3	-11.33	-1.84	-9.48
-18.34	-11.75	-1.93	-9.82
-19.38	-12.17	-1.99	-10.17
-20.44	-12.59	-2.05	-10.54
-21.4	-13.01	-2.11	-10.91
-22.19	-13.35	-2.15	-11.2
-13.42	-11.87	-1.81	-10.06
-7.08	-10.36	-1.43	-8.93
-2.99	-8.91	-1.11	-7.8
-0.65	-7.4	-0.79	-6.62
0	-6.73	-0.71	-6.01
1.02	-5.22	-0.41	-4.82
1.74	-3.76	-0.11	-3.64
2.3	-2.27	0.19	-2.46
2.87	-0.78	0.39	-1.17
3.48	0.7	0.62	0.08
4.22	2.19	0.89	1.3
5.17	3.65	1.07	2.58
6.52	5.12	1.24	3.88
8.32	6.6	1.35	5.25
10.58	8.06	1.53	6.53
13.33	9.55	1.69	7.87
14.3	10.04	1.77	8.27
14.83	10.46	1.84	8.62
15.66	10.87	1.89	8.98
16.58	11.28	1.95	9.33
17.55	11.71	2.02	9.7
18.57	12.13	2.1	10.04
19.57	12.55	2.14	10.41
20.54	12.97	2.23	10.74
21.27	13.34	2.3	11.04
13.46	11.84	1.87	9.97
7.64	10.34	1.52	8.83
3.68	8.84	1.19	7.65
1.37	7.33	0.91	6.42
0.02	5.87	0.69	5.18
0.01	5.7	0.66	5.05
-0.8	4.25	0.2	4.04
-1.36	2.74	-0.15	2.89
-1.99	1.28	-0.34	1.62
-2.71	-0.21	-0.53	0.32
-3.47	-1.72	-0.71	-1
-4.39	-3.18	-0.95	-2.23
-5.49	-4.66	-1.11	-3.55
-7.26	-6.13	-1.26	-4.87
-9.51	-7.6	-1.39	-6.21
-12.28	-9.1	-1.57	-7.52
-14.23	-10.01	-1.7	-8.32

-14.85	-10.46	-1.7	-8.76
-15.79	-10.89	-1.81	-9.08
-16.78	-11.32	-1.85	-9.46
-17.82	-11.74	-1.91	-9.83
-18.95	-12.17	-1.96	-10.21
-20	-12.6	-2.02	-10.58
-21.05	-13.01	-2.11	-10.9
-21.84	-13.36	-2.15	-11.21
-13.09	-11.87	-1.82	-10.05
-6.91	-10.39	-1.45	-8.94
-2.88	-8.91	-1.13	-7.78
-0.64	-7.45	-0.84	-6.61
0	-6.74	-0.67	-6.07
1.33	-4.63	-0.3	-4.32
2.15	-2.51	0.07	-2.58
2.85	-0.44	0.4	-0.84
3.79	1.65	0.78	0.88
5.02	3.77	1.05	2.72
6.95	5.88	1.32	4.56
9.99	7.99	1.51	6.48
13.93	10.1	1.75	8.35
18.78	12.2	2.09	10.11
21.62	13.36	2.26	11.1
22	13.81	2.32	11.49
22.71	14.23	2.36	11.87
23.34	14.66	2.43	12.23
23.91	15.06	2.49	12.57
24.5	15.51	2.56	12.96
25.03	15.92	2.63	13.29
25.51	16.35	2.69	13.66
26.02	16.76	2.75	14.01
26.47	17.19	2.79	14.4
26.86	17.61	2.88	14.73
27.21	18.01	2.89	15.13
27.57	18.44	2.95	15.49
27.96	18.88	3.01	15.87
28.31	19.3	3.05	16.25
28.65	19.72	3.14	16.58
28.81	20.02	3.13	16.89
23.54	19.3	2.96	16.34
13	17.21	2.39	14.82
6.02	15.04	1.91	13.13
2.37	12.91	1.53	11.38
0.44	10.77	1.16	9.62
0.02	9.99	1.08	8.91
-0.86	7.88	0.63	7.25
-1.5	5.77	0.11	5.66
-2.08	3.65	-0.2	3.85
-2.77	1.54	-0.47	2.01
-3.58	-0.52	-0.68	0.16
-4.59	-2.63	-0.93	-1.7
-5.97	-4.73	-1.13	-3.6
-8.36	-6.81	-1.3	-5.51
-11.78	-8.91	-1.54	-7.37
-16.07	-11.03	-1.77	-9.26
-21.42	-13.37	-2.13	-11.24
-21.54	-13.79	-2.16	-11.64

-22.14	-14.21	-2.19	-12.02
-22.78	-14.63	-2.27	-12.36
-23.42	-15.06	-2.28	-12.78
-24	-15.48	-2.38	-13.1
-24.49	-15.9	-2.42	-13.48
-25.01	-16.32	-2.47	-13.86
-25.51	-16.74	-2.52	-14.22
-26.01	-17.16	-2.57	-14.59
-26.46	-17.58	-2.65	-14.93
-26.91	-18	-2.68	-15.32
-27.31	-18.42	-2.78	-15.64
-27.78	-18.84	-2.82	-16.02
-28.13	-19.27	-2.87	-16.4
-28.5	-19.69	-2.96	-16.73
-28.83	-20.02	-2.96	-17.07
-23.42	-19.51	-2.83	-16.68
-12.57	-17.4	-2.34	-15.07
-5.63	-15.3	-1.84	-13.45
-1.89	-13.18	-1.54	-11.64
-0.11	-11.06	-1.18	-9.88
-0.04	-10.83	-1.16	-9.68
1	-8.72	-0.75	-7.97
1.71	-6.59	-0.45	-6.14
2.25	-4.49	-0.04	-4.45
2.75	-2.36	0.25	-2.61
3.24	-0.25	0.52	-0.76
3.92	1.87	0.83	1.04
4.62	3.98	1.11	2.87
5.5	6.1	1.46	4.64
6.93	8.2	1.54	6.66
8.91	10.31	1.77	8.54
11.85	12.42	1.95	10.47
13.39	13.38	2.07	11.31
13.73	13.81	2.08	11.73
14.43	14.22	2.14	12.08
15.15	14.64	2.19	12.45
15.93	15.06	2.25	12.81
16.78	15.49	2.31	13.18
17.63	15.91	2.36	13.55
18.48	16.34	2.43	13.91
19.33	16.75	2.5	14.25
20.23	17.17	2.57	14.61
21.14	17.59	2.63	14.96
22.04	18.01	2.71	15.3
22.92	18.44	2.75	15.68
23.77	18.84	2.8	16.05
24.64	19.28	2.89	16.39
25.39	19.7	2.93	16.76
25.99	20.01	2.97	17.04
14.9	17.89	2.45	15.44
7.86	15.75	1.98	13.77
3.5	13.61	1.66	11.94
1.15	11.48	1.32	10.16
-0.01	9.65	1.12	8.53
-0.76	7.54	0.64	6.9
-1.29	5.43	0.15	5.28
-1.76	3.31	-0.22	3.54

-2.31	1.2	-0.48	1.68
-2.9	-0.92	-0.7	-0.22
-3.55	-3.03	-0.93	-2.11
-4.38	-5.14	-1.14	-4
-5.42	-7.24	-1.33	-5.92
-7.01	-9.38	-1.7	-7.68
-9.68	-11.49	-1.76	-9.73
-12.81	-13.37	-1.97	-11.4
-13.11	-13.78	-2.09	-11.69
-13.83	-14.21	-2.11	-12.11
-14.61	-14.63	-2.18	-12.45
-15.43	-15.05	-2.24	-12.81
-16.35	-15.48	-2.29	-13.19
-17.22	-15.89	-2.3	-13.6
-18.1	-16.32	-2.41	-13.91
-19.05	-16.74	-2.43	-14.31
-19.98	-17.16	-2.48	-14.67
-20.93	-17.58	-2.57	-15.02
-21.92	-18	-2.64	-15.36
-22.89	-18.42	-2.68	-15.74
-23.84	-18.85	-2.75	-16.09
-24.75	-19.26	-2.8	-16.47
-25.65	-19.68	-2.86	-16.82
-26.34	-20	-2.9	-17.1
-14.49	-17.9	-2.44	-15.45
-7	-15.75	-1.94	-13.81
-2.7	-13.65	-1.6	-12.05
-0.53	-11.53	-1.25	-10.27
-0.02	-10.7	-1.13	-9.57
0.96	-8.58	-0.75	-7.83
1.59	-6.48	-0.47	-6.01
2.07	-4.37	-0.16	-4.21
2.55	-2.24	0.16	-2.4
3.03	-0.13	0.51	-0.64
3.53	1.99	0.8	1.19
4.17	4.1	1.1	3
4.98	6.22	1.3	4.92
6.15	8.34	1.55	6.79
7.84	10.43	1.7	8.73
10.43	12.55	1.84	10.71
11.65	13.39	1.94	11.45
12.01	13.81	2	11.81
12.71	14.23	2.03	12.19
13.41	14.65	2.07	12.58
14.18	15.07	2.14	12.93
15	15.5	2.2	13.29
15.82	15.9	2.22	13.68
16.65	16.34	2.32	14.02
17.57	16.76	2.35	14.41
18.38	17.18	2.4	14.78
19.27	17.6	2.49	15.11
20.22	18.02	2.56	15.46
21.17	18.44	2.64	15.8
22.1	18.86	2.69	16.17
23.04	19.28	2.74	16.54
23.86	19.71	2.82	16.89
24.44	20	2.85	17.15

13.78	17.9	2.33	15.58
7.15	15.78	1.89	13.88
3.2	13.64	1.59	12.05
1.07	11.54	1.31	10.22
0.04	9.78	1.03	8.75
-0.7	7.66	0.66	7
-1.18	5.54	0.05	5.49
-1.59	3.44	-0.24	3.68
-2.09	1.33	-0.45	1.78
-2.65	-0.8	-0.72	-0.08
-3.25	-2.89	-0.89	-2
-3.94	-5.02	-1.11	-3.92
-4.87	-7.14	-1.33	-5.81
-6.19	-9.26	-1.59	-7.67
-8.54	-11.37	-1.8	-9.57
-11.57	-13.36	-1.95	-11.41
-11.93	-13.78	-2.07	-11.7
-12.63	-14.2	-2.05	-12.15
-13.36	-14.61	-2.13	-12.48
-14.23	-15.05	-2.16	-12.9
-15.08	-15.47	-2.24	-13.23
-15.95	-15.9	-2.31	-13.59
-16.85	-16.32	-2.34	-13.97
-17.77	-16.74	-2.38	-14.36
-18.73	-17.16	-2.48	-14.68
-19.67	-17.59	-2.49	-15.09
-20.62	-18	-2.57	-15.43
-21.66	-18.43	-2.63	-15.8
-22.65	-18.84	-2.69	-16.15
-23.61	-19.26	-2.73	-16.53
-24.57	-19.69	-2.8	-16.89
-25.26	-20	-2.86	-17.14
-13.59	-17.89	-2.37	-15.52
-6.46	-15.76	-1.91	-13.85
-2.5	-13.63	-1.61	-12.03
-0.46	-11.49	-1.25	-10.24
0.02	-10.74	-1.11	-9.62
0.45	-9.8	-0.92	-8.88
0.8	-8.94	-0.76	-8.18
1.13	-8.07	-0.68	-7.39
1.34	-7.17	-0.6	-6.57
1.57	-6.29	-0.45	-5.83
1.72	-5.39	-0.37	-5.02
1.92	-4.52	-0.22	-4.3
2.11	-3.63	-0.01	-3.62
2.28	-2.74	0.09	-2.83
2.48	-1.86	0.16	-2.01
2.68	-0.97	0.27	-1.24
2.86	-0.11	0.46	-0.57
3.05	0.72	0.5	0.22
3.26	1.66	0.65	1.02
3.48	2.54	0.78	1.76
3.72	3.4	0.89	2.51
4.02	4.31	1.04	3.27
4.32	5.2	1.11	4.09
4.63	6.07	1.25	4.83
4.98	6.95	1.3	5.65

5.4	7.8	1.44	6.36
5.92	8.69	1.45	7.24
6.52	9.57	1.51	8.06
7.23	10.45	1.61	8.84
8.13	11.36	1.66	9.69
9.05	12.19	1.71	10.48
10.27	13.08	1.85	11.23
11.64	13.94	1.92	12.02
13.27	14.89	2.08	12.8
14.93	15.79	2.17	13.62
16.72	16.64	2.32	14.32
18.73	17.55	2.4	15.15
20.76	18.44	2.6	15.85
22.94	19.34	2.71	16.63
24.46	20.02	2.8	17.22
24.47	20.45	2.83	17.63
25.11	20.87	2.89	17.99
25.71	21.32	2.93	18.39
26.29	21.75	2.98	18.77
26.87	22.17	3.03	19.14
27.36	22.58	3.07	19.51
27.86	23	3.13	19.87
28.28	23.44	3.2	20.24
28.78	23.85	3.24	20.61
29.13	24.28	3.32	20.96
29.44	24.7	3.36	21.34
29.8	25.12	3.43	21.7
30.05	25.55	3.5	22.05
30.42	25.97	3.52	22.45
30.64	26.39	3.62	22.77
30.96	26.82	3.61	23.2
31.2	27.23	3.71	23.52
31.53	27.66	3.75	23.91
31.66	28.07	3.8	24.28
31.94	28.5	3.86	24.64
32.16	28.92	3.92	25
32.4	29.34	3.97	25.38
32.53	29.76	4.03	25.72
32.78	30.19	4.07	26.12
32.98	30.6	4.13	26.47
33.17	31.03	4.2	26.83
33.28	31.44	4.22	27.21
33.5	31.87	4.29	27.58
33.66	32.3	4.34	27.96
33.79	32.72	4.47	28.25
34	33.14	4.42	28.72
34.16	33.56	4.53	29.03
34.32	33.99	4.54	29.45
34.53	34.42	4.61	29.8
34.57	34.83	4.69	30.14
34.69	35.25	4.72	30.53
34.86	35.66	4.77	30.89
34.94	36.1	4.84	31.26
35.01	36.52	4.86	31.66
35.1	36.94	4.92	32.02
35.29	37.35	4.97	32.39
35.32	37.78	5.05	32.73

35.45	38.2	5.08	33.12
35.52	38.63	5.13	33.49
35.6	39.05	5.18	33.87
35.65	39.48	5.22	34.25
35.77	39.9	5.27	34.63
35.75	40.32	5.35	34.97
35.84	40.75	5.39	35.35
35.85	41.17	5.42	35.75
35.9	41.59	5.47	36.12
35.93	42.01	5.52	36.49
36.06	42.43	5.57	36.86
36.03	42.85	5.63	37.22
36.04	43.28	5.66	37.62
36.1	43.7	5.71	37.98
36.06	44.12	5.8	38.32
36.08	44.55	5.84	38.71
36.07	44.96	5.82	39.15
36.01	45.39	5.93	39.46
36.12	45.82	5.93	39.89
36.07	46.23	5.97	40.26
36.07	46.67	6.02	40.65
36.12	47.09	6.03	41.05
36.18	47.51	6.06	41.45
36.03	47.93	6.13	41.8
35.92	48.35	6.13	42.22
35.95	48.77	6.17	42.6
35.81	49.2	6.2	43
35.71	49.61	6.25	43.36
35.59	50.05	6.25	43.8
35.55	50.46	6.29	44.17
35.45	50.89	6.3	44.6
35.36	51.32	6.32	45
35.22	51.74	6.37	45.37
35.23	52.15	6.35	45.8
35.17	52.56	6.38	46.19
35.04	53	6.4	46.6
34.9	53.43	6.42	47.01
34.72	53.83	6.42	47.41
34.55	54.28	6.42	47.86
34.36	54.69	6.45	48.24
34.12	55.11	6.39	48.72
33.83	55.54	6.43	49.11
33.6	55.96	6.43	49.52
33.41	56.39	6.42	49.97
33.18	56.81	6.39	50.41
33.02	57.23	6.39	50.85
32.91	57.66	6.39	51.27
32.65	58.08	6.39	51.69
32.33	58.5	6.37	52.13
32.03	58.93	6.38	52.55
31.51	59.35	6.34	53
31.24	59.77	6.3	53.48
30.84	60.2	6.24	53.96
30.49	60.61	6.26	54.35
30.05	61.04	6.24	54.8
29.73	61.47	6.2	55.27
29.12	61.89	6.22	55.67

28.53	62.31	6.12	56.18
27.86	62.74	6.07	56.66
27.28	63.16	6.07	57.1
26.8	63.58	6	57.58
26.46	64.01	5.96	58.05
26.18	64.43	5.96	58.47
25.45	64.85	5.82	59.03
25.16	65.28	5.76	59.52
24.81	65.69	5.73	59.96
24.11	66.1	5.79	60.31
23.9	66.51	5.69	60.82
23.82	66.97	5.57	61.4
23.8	67.4	5.7	61.71
23.48	67.82	5.66	62.16
23.3	68.24	5.61	62.63
23.11	68.66	5.54	63.12
23.02	69.08	5.57	63.51
22.7	69.52	5.54	63.98
22.52	69.94	5.52	64.42
22.27	70.35	5.47	64.89
22.17	70.79	5.43	65.35
22.17	71.21	5.35	65.86
21.99	71.64	5.39	66.25
21.8	72.04	5.27	66.77
21.51	72.48	5.3	67.18
21.28	72.91	5.24	67.68
20.76	73.33	5.08	68.25
20.57	73.76	5.14	68.62
20.26	74.19	5.07	69.12
20.11	74.61	5.06	69.55
19.85	75.04	5	70.04
19.75	75.46	4.95	70.51
19.52	75.89	4.92	70.97
19.38	76.31	4.9	71.41
19.12	76.73	4.83	71.9
19.02	77.16	4.84	72.32
18.94	77.59	4.8	72.79
19	77.99	4.77	73.22
18.9	78.42	4.8	73.63
18.97	78.85	4.75	74.11
18.87	79.27	4.75	74.53
18.96	79.7	4.7	75
18.92	80.12	4.61	75.5
18.88	80.53	4.69	75.84
18.89	80.97	4.66	76.31
19	81.39	4.64	76.76
18.92	81.81	4.64	77.17
18.9	82.24	4.57	77.67
18.89	82.66	4.6	78.06
18.99	83.07	4.61	78.47
18.84	83.52	4.39	79.13