

2019/5/10

2019/5/10

14:00:00

14:04:31

試料名

未処理

済

コメント

FA=2.0

FA=2.0

モード

反射

反射

入射角

45

45

受光開始角

0

0

受光終了角

90

90

試料傾斜角

2

2

光束絞り目盛り

3

3

受光絞り目盛り

4

4

Sensitivity Adj.(感度調整)

950

950

High Volt Adj. (感度調整)

600

600

0

3.64

1.03

0.1

3.66

1.05

0.2

3.66

1.05

0.3

3.69

1

0.4

3.69

1.05

0.5

3.71

1.05

0.6

3.71

1

0.7

3.71

1

0.8

3.71

1

0.9

3.76

1

1

3.71

1

1.1

3.69

1

1.2

3.74

1.03

1.3

3.76

1.05

1.4

3.66

1

1.5

3.69

1.03

1.6

3.81

1

1.7

3.83

0.98

1.8

3.88

1.03

1.9

3.78

1.17

2

3.81

1.2

2.1	3.81	1.22
2.2	3.86	1.2
2.3	3.91	1.17
2.4	3.86	1.17
2.5	3.81	1.17
2.6	3.86	1.05
2.7	3.86	1.05
2.8	3.86	1.03
2.9	3.88	1.05
3	3.93	1.03
3.1	3.81	1.03
3.2	3.86	1.03
3.3	3.93	1.17
3.4	3.93	1.17
3.5	3.93	1.17
3.6	3.98	1
3.7	3.93	1.12
3.8	3.98	1.15
3.9	3.91	1.15
4	3.83	1.15
4.1	3.88	1
4.2	3.88	1.07
4.3	3.98	1.03
4.4	3.93	1.03
4.5	3.96	1.07
4.6	3.98	1
4.7	3.93	1.03
4.8	3.93	1.07
4.9	3.98	1.12
5	3.96	1.17
5.1	4	1.17
5.2	3.98	1.2
5.3	3.98	1.17
5.4	3.98	1.2

5.5	3.98	1.2
5.6	4.03	1.17
5.7	4	1.22
5.8	4.08	1.22
5.9	4.05	1.22
6	4.03	1.15
6.1	4.08	1.15
6.2	4.05	1.17
6.3	4.13	1.17
6.4	4.1	1.17
6.5	4.15	1.22
6.6	4.15	1.17
6.7	4.05	1.15
6.8	4.05	1.2
6.9	4.03	1.2
7	4.08	1.17
7.1	4.08	1.17
7.2	4.05	1.17
7.3	4.08	1.07
7.4	4.08	1.07
7.5	4.1	1.03
7.6	4.13	1.15
7.7	4.15	1.07
7.8	4.17	1.05
7.9	4.13	1.07
8	4.13	1.1
8.1	4.08	1.17
8.2	4.13	1.17
8.3	4.13	1.22
8.4	4.2	1.22
8.5	4.17	1.17
8.6	4.13	1.2
8.7	4.08	1.2
8.8	4.13	1.22

8.9	4.13	1.2
9	4.13	1.25
9.1	4.15	1.2
9.2	4.15	1.17
9.3	4.1	1.2
9.4	4.22	1.22
9.5	4.2	1.2
9.6	4.15	1.2
9.7	4.13	1.2
9.8	4.22	1.07
9.9	4.13	1.05
10	4.13	1.05
10.1	4.13	1.07
10.2	4.15	1.1
10.3	4.15	1.07
10.4	4.15	1.17
10.5	4.2	1.12
10.6	4.17	1.1
10.7	4.22	1.12
10.8	4.15	1.12
10.9	4.17	1.1
11	4.3	1.12
11.1	4.25	1.17
11.2	4.25	1.1
11.3	4.2	1.07
11.4	4.2	1.07
11.5	4.15	1.07
11.6	4.25	1.05
11.7	4.22	1.05
11.8	4.25	1.07
11.9	4.2	1.07
12	4.22	1.07
12.1	4.25	1.05
12.2	4.2	1.17

12.3	4.22	1.2
12.4	4.2	1.12
12.5	4.2	1.12
12.6	4.25	1.07
12.7	4.2	1.07
12.8	4.27	1.07
12.9	4.25	1.07
13	4.22	1.2
13.1	4.22	1.07
13.2	4.25	1.12
13.3	4.22	1.05
13.4	4.22	1.05
13.5	4.2	1.07
13.6	4.25	1.1
13.7	4.25	1.12
13.8	4.27	1.1
13.9	4.27	1.17
14	4.25	1.17
14.1	4.25	1.15
14.2	4.35	1.15
14.3	4.35	1.1
14.4	4.27	1.22
14.5	4.3	1.27
14.6	4.3	1.1
14.7	4.39	1.1
14.8	4.3	1.1
14.9	4.32	1.15
15	4.32	1.15
15.1	4.32	1.22
15.2	4.37	1.2
15.3	4.27	1.22
15.4	4.39	1.12
15.5	4.42	1.15
15.6	4.27	1.12

15.7	4.22	1.12
15.8	4.32	1.12
15.9	4.35	1.15
16	4.39	1.15
16.1	4.37	1.17
16.2	4.39	1.15
16.3	4.35	1.12
16.4	4.35	1.1
16.5	4.37	1.15
16.6	4.32	1.12
16.7	4.3	1.15
16.8	4.37	1.07
16.9	4.37	1.07
17	4.37	1.1
17.1	4.37	1.1
17.2	4.32	1.1
17.3	4.37	1.1
17.4	4.32	1.1
17.5	4.32	1.17
17.6	4.37	1.25
17.7	4.35	1.22
17.8	4.35	1.32
17.9	4.32	1.12
18	4.27	1.12
18.1	4.35	1.1
18.2	4.42	1.12
18.3	4.42	1.1
18.4	4.25	1.1
18.5	4.35	1.1
18.6	4.3	1.12
18.7	4.37	1.1
18.8	4.39	1.1
18.9	4.35	1.15
19	4.39	1.12

19.1	4.37	1.12
19.2	4.39	1.07
19.3	4.47	1.1
19.4	4.35	1.1
19.5	4.44	1.12
19.6	4.35	1.1
19.7	4.44	1.12
19.8	4.44	1.12
19.9	4.49	1.12
20	4.49	1.1
20.1	4.39	1.12
20.2	4.47	1.15
20.3	4.39	1.27
20.4	4.44	1.29
20.5	4.49	1.27
20.6	4.49	1.25
20.7	4.54	1.22
20.8	4.61	1.22
20.9	4.57	1.27
21	4.52	1.27
21.1	4.64	1.27
21.2	4.74	1.2
21.3	4.64	1.12
21.4	4.66	1.15
21.5	4.66	1.1
21.6	4.61	1.12
21.7	4.54	1.17
21.8	4.59	1.25
21.9	4.61	1.29
22	4.59	1.27
22.1	4.57	1.32
22.2	4.66	1.32
22.3	4.59	1.15
22.4	4.69	1.12

22.5	4.74	1.15
22.6	4.71	1.17
22.7	4.66	1.15
22.8	4.64	1.22
22.9	4.74	1.32
23	4.74	1.25
23.1	4.79	1.27
23.2	4.83	1.37
23.3	4.86	1.2
23.4	4.91	1.22
23.5	4.96	1.22
23.6	4.91	1.17
23.7	4.98	1.2
23.8	4.98	1.2
23.9	4.98	1.25
24	4.96	1.25
24.1	4.86	1.2
24.2	4.91	1.17
24.3	5.03	1.2
24.4	5.13	1.17
24.5	5	1.17
24.6	5.13	1.29
24.7	5.15	1.17
24.8	5.15	1.17
24.9	5.13	1.17
25	5.1	1.22
25.1	5.22	1.2
25.2	5.25	1.2
25.3	5.22	1.2
25.4	5.27	1.2
25.5	5.27	1.17
25.6	5.27	1.27
25.7	5.35	1.37
25.8	5.32	1.2

25.9	5.32	1.22
26	5.4	1.39
26.1	5.42	1.22
26.2	5.44	1.34
26.3	5.49	1.34
26.4	5.49	1.37
26.5	5.4	1.39
26.6	5.44	1.37
26.7	5.54	1.37
26.8	5.64	1.37
26.9	5.62	1.39
27	5.66	1.39
27.1	5.69	1.39
27.2	5.62	1.37
27.3	5.71	1.39
27.4	5.76	1.42
27.5	5.86	1.37
27.6	5.83	1.39
27.7	5.91	1.25
27.8	6.03	1.27
27.9	6.05	1.39
28	6.08	1.39
28.1	6.1	1.37
28.2	6.03	1.39
28.3	6.08	1.32
28.4	6.23	1.39
28.5	6.27	1.37
28.6	6.37	1.29
28.7	6.3	1.34
28.8	6.42	1.27
28.9	6.32	1.27
29	6.35	1.27
29.1	6.42	1.29
29.2	6.47	1.27

29.3	6.74	1.27
29.4	6.67	1.32
29.5	6.69	1.27
29.6	6.74	1.29
29.7	6.84	1.39
29.8	6.91	1.39
29.9	6.96	1.29
30	6.96	1.34
30.1	7.06	1.37
30.2	7.15	1.32
30.3	7.15	1.32
30.4	7.23	1.37
30.5	7.28	1.39
30.6	7.3	1.39
30.7	7.37	1.39
30.8	7.45	1.39
30.9	7.5	1.37
31	7.57	1.39
31.1	7.67	1.39
31.2	7.59	1.42
31.3	7.76	1.44
31.4	7.89	1.46
31.5	7.93	1.49
31.6	8.01	1.51
31.7	8.08	1.49
31.8	8.18	1.42
31.9	8.23	1.44
32	8.37	1.44
32.1	8.42	1.56
32.2	8.45	1.46
32.3	8.54	1.49
32.4	8.74	1.46
32.5	8.72	1.46
32.6	8.86	1.49

32.7	8.94	1.54
32.8	8.98	1.54
32.9	9.06	1.51
33	9.18	1.54
33.1	9.33	1.56
33.2	9.47	1.66
33.3	9.52	1.56
33.4	9.67	1.56
33.5	9.84	1.59
33.6	9.91	1.64
33.7	9.94	1.59
33.8	10.16	1.64
33.9	10.16	1.76
34	10.23	1.66
34.1	10.42	1.81
34.2	10.52	1.78
34.3	10.69	1.68
34.4	10.82	1.71
34.5	10.91	1.81
34.6	11.06	1.73
34.7	11.16	1.86
34.8	11.3	1.81
34.9	11.45	1.76
35	11.6	1.81
35.1	11.77	1.81
35.2	11.94	1.86
35.3	12.04	1.88
35.4	12.16	1.86
35.5	12.4	1.86
35.6	12.65	1.9
35.7	12.84	2
35.8	13.04	2.03
35.9	13.23	1.95
36	13.4	2

36.1	13.6	1.98
36.2	13.72	1.98
36.3	13.94	2.1
36.4	14.11	2.12
36.5	14.28	2.15
36.6	14.53	2.12
36.7	14.6	2.12
36.8	14.94	2.15
36.9	15.14	2.2
37	15.43	2.25
37.1	15.58	2.29
37.2	15.89	2.32
37.3	16.02	2.37
37.4	16.28	2.37
37.5	16.55	2.44
37.6	16.75	2.47
37.7	16.94	2.51
37.8	17.14	2.59
37.9	17.43	2.56
38	17.65	2.69
38.1	17.94	2.73
38.2	18.26	2.76
38.3	18.6	3
38.4	18.7	3
38.5	18.97	3.08
38.6	19.34	3.03
38.7	19.58	3.08
38.8	19.95	3.2
38.9	20.19	3.27
39	20.58	3.32
39.1	20.87	3.47
39.2	21.22	3.47
39.3	21.7	3.71
39.4	21.95	3.81

39.5	22.41	3.71
39.6	22.85	3.86
39.7	23.22	3.96
39.8	23.73	4.05
39.9	24.07	4.17
40	24.51	4.27
40.1	25.07	4.54
40.2	25.81	4.96
40.3	26.64	5.37
40.4	27.39	5.69
40.5	28.03	5.86
40.6	28.59	6.1
40.7	29.13	6.3
40.8	29.93	6.37
40.9	30.57	6.47
41	31.32	6.62
41.1	32.1	6.71
41.2	32.86	6.91
41.3	33.81	7.06
41.4	34.64	7.28
41.5	35.89	7.69
41.6	37.08	8.2
41.7	37.99	8.62
41.8	39.18	9.3
41.9	40.41	9.79
42	41.75	10.6
42.1	43.09	11.35
42.2	44.43	12.38
42.3	45.92	13.5
42.4	47.24	14.75
42.5	48.41	16.04
42.6	49.88	18.09
42.7	51	19.58
42.8	52.42	21.92

42.9	53.66	24.34
43	55	27.29
43.1	56.67	30.71
43.2	58.35	34.74
43.3	60.55	39.53
43.4	62.4	43.58
43.5	64.58	48.68
43.6	67.16	54.22
43.7	69.58	58.74
43.8	72.85	64.38
43.9	75.85	68.9
44	79.13	72.88
44.1	82.23	76.66
44.2	85.01	79.88
44.3	86.94	82.54
44.4	88.31	84.35
44.5	89.4	86.01
44.6	89.97	86.82
44.7	90.14	87.08
44.8	90.01	86.99
44.9	89.67	86.23
45	89.01	85.16
45.1	87.89	83.37
45.2	86.43	81.03
45.3	84.55	78
45.4	82.32	74.95
45.5	79.81	71.53
45.6	76.32	66.53
45.7	73.66	62.33
45.8	69.56	56.2
45.9	66.24	51.07
46	62.52	45.48
46.1	58.79	39.99
46.2	55.05	34.4

46.3	51	29.39
46.4	47.88	25.29
46.5	44.41	21.04
46.6	41.04	17.58
46.7	38.31	15.43
46.8	35.6	13.4
46.9	33.3	12.21
47	31.54	11.47
47.1	29.79	10.67
47.2	28.34	9.96
47.3	27.22	9.35
47.4	26.15	8.79
47.5	25.29	8.3
47.6	24.32	7.79
47.7	23.78	7.37
47.8	23.1	7.03
47.9	22.66	6.79
48	22.24	6.59
48.1	21.9	6.42
48.2	21.73	6.32
48.3	21.39	6.18
48.4	21.26	5.98
48.5	21.09	5.79
48.6	20.63	5.54
48.7	20.12	5.22
48.8	19.14	4.71
48.9	18.36	4.32
49	18.07	4.13
49.1	17.77	4
49.2	17.46	3.88
49.3	17.21	3.78
49.4	16.97	3.66
49.5	16.75	3.64
49.6	16.55	3.54

49.7	16.36	3.54
49.8	16.11	3.42
49.9	15.87	3.32
50	15.67	3.39
50.1	15.43	3.13
50.2	15.31	3.08
50.3	15.06	3
50.4	14.79	2.98
50.5	14.62	2.98
50.6	14.48	3
50.7	14.26	2.78
50.8	14.06	2.76
50.9	13.89	2.69
51	13.7	2.69
51.1	13.53	2.59
51.2	13.35	2.51
51.3	13.18	2.56
51.4	13.18	2.47
51.5	13.06	2.42
51.6	12.79	2.32
51.7	12.74	2.29
51.8	12.55	2.27
51.9	12.48	2.22
52	12.3	2.2
52.1	12.16	2.15
52.2	12.04	2.12
52.3	11.89	2.08
52.4	11.77	2.05
52.5	11.67	2.03
52.6	11.55	2.03
52.7	11.4	2.05
52.8	11.25	2.05
52.9	11.13	1.98
53	10.96	1.98

53.1	10.86	1.93
53.2	10.72	1.98
53.3	10.64	1.95
53.4	10.52	1.95
53.5	10.4	1.88
53.6	10.3	1.93
53.7	10.18	1.9
53.8	10.01	1.83
53.9	9.99	1.81
54	9.84	1.76
54.1	9.77	1.76
54.2	9.62	1.73
54.3	9.55	1.71
54.4	9.52	1.71
54.5	9.4	1.71
54.6	9.3	1.68
54.7	9.18	1.66
54.8	9.06	1.64
54.9	9.01	1.61
55	8.96	1.61
55.1	8.91	1.61
55.2	8.89	1.61
55.3	8.81	1.56
55.4	8.67	1.54
55.5	8.59	1.54
55.6	8.54	1.54
55.7	8.47	1.54
55.8	8.4	1.51
55.9	8.3	1.51
56	8.33	1.49
56.1	8.23	1.49
56.2	8.13	1.46
56.3	8.13	1.49
56.4	8.11	1.44

56.5	8.06	1.46
56.6	8.08	1.42
56.7	8.01	1.44
56.8	7.89	1.42
56.9	7.86	1.39
57	7.81	1.32
57.1	7.84	1.29
57.2	7.76	1.29
57.3	7.74	1.29
57.4	7.67	1.34
57.5	7.62	1.37
57.6	7.54	1.34
57.7	7.57	1.34
57.8	7.45	1.34
57.9	7.28	1.32
58	7.25	1.27
58.1	7.18	1.29
58.2	7.18	1.32
58.3	7.13	1.27
58.4	7.03	1.27
58.5	7.01	1.25
58.6	7.08	1.25
58.7	7.08	1.37
58.8	7.06	1.27
58.9	7.01	1.27
59	6.96	1.34
59.1	6.91	1.32
59.2	6.88	1.27
59.3	6.84	1.25
59.4	6.84	1.25
59.5	6.76	1.25
59.6	6.71	1.22
59.7	6.71	1.25
59.8	6.69	1.27

59.9	6.64	1.29
60	6.52	1.25
60.1	6.45	1.29
60.2	6.4	1.2
60.3	6.37	1.17
60.4	6.32	1.2
60.5	6.3	1.15
60.6	6.3	1.2
60.7	6.35	1.22
60.8	6.25	1.17
60.9	6.23	1.15
61	6.15	1.12
61.1	6.25	1.12
61.2	6.25	1.12
61.3	6.23	1.1
61.4	6.25	1.15
61.5	6.18	1.1
61.6	6.2	1.1
61.7	6.1	1.1
61.8	6.08	1.07
61.9	6.05	1.07
62	6.08	1.05
62.1	6.01	1.07
62.2	5.91	1.07
62.3	5.91	1.05
62.4	5.88	1.05
62.5	5.91	1.05
62.6	5.86	1.03
62.7	5.88	1.07
62.8	5.81	1.05
62.9	5.76	1.05
63	5.74	1.03
63.1	5.74	1.03
63.2	5.66	1.03

63.3	5.69	1
63.4	5.69	1
63.5	5.62	1
63.6	5.59	0.95
63.7	5.57	0.88
63.8	5.52	0.85
63.9	5.44	0.85
64	5.47	0.93
64.1	5.4	0.9
64.2	5.25	0.9
64.3	5.22	0.93
64.4	5.25	0.85
64.5	5.2	0.85
64.6	5.18	0.83
64.7	5.13	0.83
64.8	5.08	0.81
64.9	5.05	0.78
65	5	0.81
65.1	4.98	0.98
65.2	4.98	0.81
65.3	4.98	0.81
65.4	4.93	0.81
65.5	4.88	0.78
65.6	4.88	0.78
65.7	4.83	0.76
65.8	4.83	0.83
65.9	4.79	0.83
66	4.79	0.83
66.1	4.76	0.83
66.2	4.71	0.76
66.3	4.71	0.76
66.4	4.64	0.76
66.5	4.64	0.76
66.6	4.66	0.88

66.7	4.59	0.88
66.8	4.57	0.9
66.9	4.52	0.95
67	4.54	0.9
67.1	4.49	0.93
67.2	4.47	0.93
67.3	4.42	0.98
67.4	4.39	0.93
67.5	4.39	0.95
67.6	4.32	0.93
67.7	4.37	0.98
67.8	4.25	0.88
67.9	4.22	0.83
68	4.17	0.83
68.1	4.17	0.81
68.2	4.17	0.85
68.3	4.15	0.9
68.4	4.13	0.85
68.5	4.1	0.83
68.6	4.05	0.78
68.7	4	0.78
68.8	4	0.81
68.9	4	0.76
69	4	0.76
69.1	3.93	0.78
69.2	3.96	0.76
69.3	3.93	0.76
69.4	3.81	0.73
69.5	3.78	0.83
69.6	3.74	0.81
69.7	3.78	0.81
69.8	3.86	0.76
69.9	3.83	0.71
70	3.78	0.73

70.1	3.76	0.71
70.2	3.74	0.71
70.3	3.66	0.71
70.4	3.54	0.73
70.5	3.52	0.71
70.6	3.52	0.68
70.7	3.47	0.71
70.8	3.42	0.59
70.9	3.39	0.54
71	3.39	0.49
71.1	3.37	0.51
71.2	3.34	0.49
71.3	3.3	0.51
71.4	3.3	0.51
71.5	3.22	0.49
71.6	3.22	0.46
71.7	3.2	0.49
71.8	3.2	0.46
71.9	3.15	0.46
72	3.08	0.49
72.1	3.08	0.49
72.2	3.05	0.46
72.3	3	0.46
72.4	2.98	0.46
72.5	2.95	0.49
72.6	2.93	0.46
72.7	2.91	0.46
72.8	2.88	0.44
72.9	2.83	0.44
73	2.83	0.46
73.1	2.81	0.51
73.2	2.76	0.49
73.3	2.71	0.42
73.4	2.73	0.42

73.5	2.69	0.46
73.6	2.69	0.46
73.7	2.64	0.46
73.8	2.61	0.44
73.9	2.59	0.39
74	2.71	0.42
74.1	2.69	0.37
74.2	2.66	0.39
74.3	2.64	0.42
74.4	2.59	0.46
74.5	2.54	0.46
74.6	2.54	0.39
74.7	2.51	0.37
74.8	2.49	0.37
74.9	2.49	0.37
75	2.42	0.37
75.1	2.39	0.37
75.2	2.39	0.37
75.3	2.37	0.37
75.4	2.34	0.34
75.5	2.2	0.34
75.6	2.15	0.51
75.7	2.15	0.59
75.8	2.15	0.56
75.9	2.05	0.49
76	2.03	0.54
76.1	1.95	0.54
76.2	1.98	0.54
76.3	1.9	0.51
76.4	1.9	0.51
76.5	1.9	0.44
76.6	1.88	0.44
76.7	1.83	0.44
76.8	1.81	0.34

76.9	1.78	0.29
77	1.76	0.34
77.1	1.73	0.51
77.2	1.68	0.29
77.3	1.66	0.29
77.4	1.68	0.27
77.5	1.66	0.24
77.6	1.61	0.27
77.7	1.64	0.34
77.8	1.64	0.37
77.9	1.61	0.29
78	1.73	0.32
78.1	1.73	0.34
78.2	1.68	0.32
78.3	1.64	0.37
78.4	1.64	0.37
78.5	1.56	0.39
78.6	1.51	0.32
78.7	1.54	0.29
78.8	1.51	0.27
78.9	1.49	0.27
79	1.49	0.24
79.1	1.34	0.22
79.2	1.29	0.22
79.3	1.27	0.2
79.4	1.27	0.22
79.5	1.27	0.22
79.6	1.22	0.27
79.7	1.2	0.24
79.8	1.15	0.24
79.9	1.1	0.24
80	1.1	0.24
80.1	1.05	0.24
80.2	1.05	0.22

80.3	1	0.2
80.4	1.03	0.17
80.5	0.98	0.17
80.6	1.1	0.17
80.7	1.05	0.15
80.8	0.98	0.17
80.9	0.9	0.17
81	0.88	0.15
81.1	0.83	0.2
81.2	0.83	0.17
81.3	0.85	0.2
81.4	0.81	0.17
81.5	0.73	0.15
81.6	0.73	0.15
81.7	0.71	0.15
81.8	0.73	0.12
81.9	0.73	0.12
82	0.71	0.12
82.1	0.66	0.12
82.2	0.61	0.15
82.3	0.61	0.12
82.4	0.63	0.24
82.5	0.59	0.27
82.6	0.61	0.27
82.7	0.68	0.27
82.8	0.71	0.27
82.9	0.63	0.32
83	0.63	0.32
83.1	0.63	0.34
83.2	0.61	0.27
83.3	0.56	0.24
83.4	0.59	0.27
83.5	0.59	0.24
83.6	0.56	0.24

83.7	0.61	0.12
83.8	0.56	0
83.9	0.54	0
84	0.56	0.12
84.1	0.49	0.15
84.2	0.46	0.12
84.3	0.51	0
84.4	0.46	0
84.5	0.34	0
84.6	0.27	0
84.7	0.22	0
84.8	0.22	0
84.9	0.24	0
85	0.22	0
85.1	0.2	0.12
85.2	0.2	0.12
85.3	0.2	0
85.4	0.17	0
85.5	0.15	0
85.6	0.17	0
85.7	0.12	0
85.8	0	0
85.9	0	0
86	0	0
86.1	0	0
86.2	0	0
86.3	0	0
86.4	0	0
86.5	0	0
86.6	0	0
86.7	0	0
86.8	0	0
86.9	0	0
87	0	0

87.1	0	0
87.2	0	0
87.3	0	0
87.4	0	0
87.5	0	0
87.6	0	0
87.7	0	0
87.8	0	0
87.9	0	0
88	0	0
88.1	0	0
88.2	0	0
88.3	0	0
88.4	0	0
88.5	0	0
88.6	0	0
88.7	0	0
88.8	0	0
88.9	0	0
89	0	0
89.1	0	0
89.2	0	0
89.3	0	0
89.4	0	0
89.5	0	0
89.6	0	0
89.7	0	0
89.8	0	0
89.9	0	0
90	0	0