

Original image

8	1	22	29	9	1	1
9	21	21	25	22	5	3
7	23	22	3	5	6	7
8	26	21	2	1	25	9
10	23	24	20	2	29	10
11	2	25	21	26	25	5
5	3	5	21	25	0	1
4	5	9	10	11	13	6

Structuring element

0	0	0
0	0	0
0	0	0

Dilation

21	22	29	29	29	22	5
23	23	29	29	29	22	7
26	26	26	25	25	25	25
26	26	26	24	29	29	29
26	26	26	26	29	29	29
23	25	25	26	29	29	29
11	25	25	26	26	26	25
5	9	21	25	25	25	13

Erosion

1	1	1	9	1	1	1
1	1	1	3	1	1	1
7	7	2	1	1	1	3
7	7	2	1	1	1	6
2	2	2	1	1	1	5
2	2	2	2	0	0	0
2	2	2	5	0	0	0
3	3	3	5	0	0	0

Opening

1	1	9	9	9	1	1
7	7	9	9	9	3	3
7	7	7	3	3	6	6
7	7	7	2	1	6	6
7	7	7	2	2	6	6
2	2	5	5	5	5	5
3	3	5	5	5	0	0
3	3	5	5	5	0	0

Closing

21	21	22	29	22	5	5
21	21	22	25	22	5	5
23	23	23	24	22	7	7
26	26	24	24	24	25	25
23	23	24	24	24	29	29
11	11	25	25	26	25	25
5	5	9	21	25	13	13
5	5	9	21	25	13	13