

Input volume

0	0	0	0	0	0
0	3	1	2	4	0
0	2	3	3	4	0
0	1	2	3	4	0
0	5	1	3	4	0
0	0	0	0	0	0

Filter

1	0	1
0	-1	-1
1	-1	1

Output volume

-3	-1	-2	-5
-3	1	1	-3
-4	7	2	-2
-4	0	-1	-1

0	0	0	0	0	0
0	1	3	0	2	0
0	1	2	2	4	0
0	3	3	3	1	0
0	5	0	3	2	0
0	0	0	0	0	0

0	-1	-1
1	1	0
-1	-1	1

2	3	3	-4
-3	-3	-3	0
-5	0	-1	-5
-1	-1	-1	4