

local receptive field

0	1	1	1	0	0	0
0	0	1	1	1	0	0
0	0	0	1	1	1	0
0	0	0	1	1	0	0
0	0	1	1	0	0	0
0	1	1	0	0	0	0
1	1	0	0	0	0	0

$\mathbf{H}^{(l-1)}$

kernel

1	0	1
0	1	0
1	0	1

$\mathbf{K}^{(l)}$

neuron
activation

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

$\mathbf{H}^{(l-1)} * \mathbf{K}^{(l)}$