

Input tensor

1	2	1	0	2
2	0	0	1	0
1	0	2	1	0
0	1	0	2	1
0	2	1	0	2

Kernel

1	0	1
0	1	0
1	0	1

Feature map

5		

→
Element-
wise
product

→
Sum up

1	2	1	0	2
2	0	0	1	0
1	0	2	1	0
0	1	0	2	1
0	2	1	0	2

1	0	1
0	1	0
1	0	1

5	3	6
2	6	2
5	3	7

→
Element-
wise
product

→
Sum up