

x1	x0	x1
x0	x1	x0
x1	x0	x1

Convolution Kernel

0	1	1	0	1
0 _{x1}	1 _{x0}	0 _{x1}	1	0
0 _{x0}	0 _{x1}	1 _{x0}	1	0
1 _{x1}	0 _{x0}	0 _{x1}	1	0
1	1	1	0	1

Image

3	2	4
1		

Convolved
Feature