

Kernel
/ Filter
/ Weights

-1	1
1	-1



Image

1	2	2	4
5	4	-1	8
1	2	3	4
1	2	3	4

$$\text{sigmoid}(-1 * 1 + 1 * 2 + 1 * 5 + -1 * 4 + b)$$



Feature map

$\sigma(2)$	$\sigma(5)$...
	...	
	...	