

| | |
|---|---|
| v | x |
| w | y |

Kernel

$$o = \mathbf{a} * v + \mathbf{b} * w + \mathbf{c} * x + \mathbf{d} * y$$

Step 1

| | | | |
|---|---|---|---|
| a | c | e | g |
| b | d | f | h |
| | | | |
| | | | |

Input

| | | |
|---|---|--|
| o | p | |
| | | |
| | | |

Feature map

$$p = \mathbf{c} * v + \mathbf{d} * w + \mathbf{e} * x + \mathbf{f} * y$$

Step 2

| | | | |
|---|---|---|---|
| a | c | e | g |
| b | d | f | h |
| | | | |
| | | | |

Input

| | | |
|---|---|--|
| o | p | |
| | | |
| | | |

Feature map