

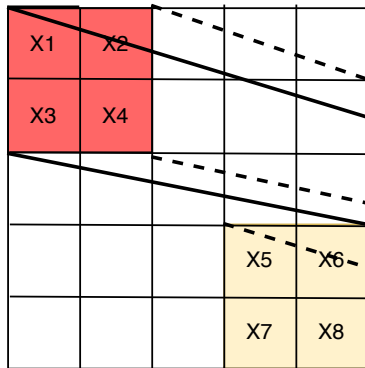
## Weight Sharing

C1	C2
C3	C4

$$Z1 = X1 \cdot C1 + X2 \cdot C2 + X3 \cdot C3 + X4 \cdot C4 + B$$

$$Z2 = X5 \cdot C1 + X6 \cdot C2 + X7 \cdot C3 + X8 \cdot C4 + B$$

Inputs



Local Receptive Field

2 X 2 Convolutional Filter

Feature Map

