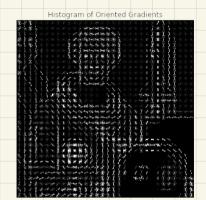


feature: { x1, x2, x3, x4, ..., xn } | XER vector

## เป็น set ฯองพัวเลง?





## Sobel filter

-1	0	+1
-2	0	+2
-1	0	+1

+1	+2	+1
0	0	0
-1	-2	-1

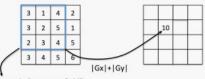
Gy

Gx

3x3 convolutional Sobel filters:

-1	0	+1	+1	+2	+
-2	0	+2	0	0	0
-1	0	+1	-1	-2	-:

Gx = (-1\*3)+(1\*4)+(-2\*3)+(2\*5)+(-1\*2)+(1\*4) = 7 Gy = (1\*3)+(2\*1)+(1\*4)+(-1\*2)+(-2\*3)+(-1\*4) = -3



Example "receptive field"

Deep learning

บาราบ ฎขนาง ขาวาบ ฎขนาง

