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Assignment Lesson 12

1) Find a mask or kernel X and Y of Sobel filter (3x3)?

Here are the 3x3 kernels for the Sobel filter:

Kernel X:

[-1, 0, 1]

[-2, 0, 2]

[-1, 0, 1]

Kernel Y:

[1, 2, 1]

[0, 0, 0]

[-1, -2, -1]

2) In your opinion, what is the range of threshold except black and white image? (from which value to which value)

* In my opinion white image, the threshold range extends beyond simple binary values (0 and 255).