

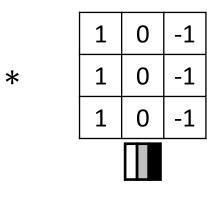
deeplearning.ai

Convolutional Neural Networks

More edge detection

Vertical edge detection examples

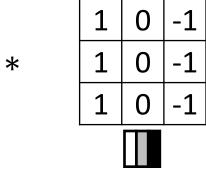
10	10	10	0	0	0	
10	10	10	0	0	0	
10	10	10	0	0	0	
10	10	10	0	0	0	
10	10	10	0	0	0	
10	10	10	0	0	0	

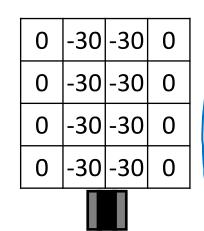


0	30	30	0		
0	30	30	0		
0	30	30	0		
0	30	30	0		



0	0	0	10	10	10
0	0	0	10	10	10
0	0	0	10	10	10
0	0	0	10	10	10
0	0	0	10	10	10
0	0	0	10	10	10

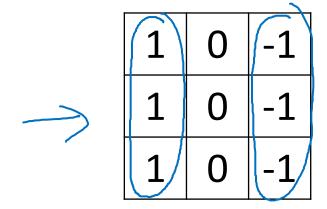




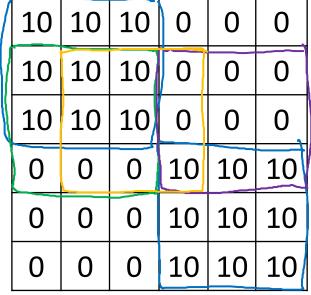


Andrew Ng

Vertical and Horizontal Edge Detection







1 1 1 0 0 0 -1 -1 -1

Horizontal

1	1	
0	0	
-1	-1	

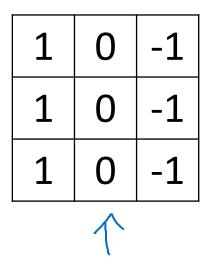
30 10 -10 -30 30 10 -10 -30

0

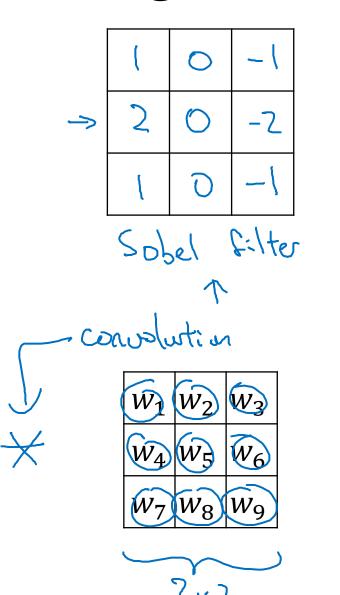




Learning to detect edges



3	0	77	2	7	4
1	5	8	9	3	1
2	7	2	5	1	3
0	1	3	1	7	8
4	2	1	6	2	8
2	4	5	2	3	9



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