

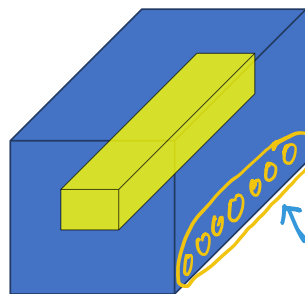


deeplearning.ai

Case Studies

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

$6 \times 6 \times 1$



$6 \times 6 \times 32$

*

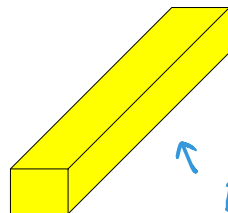
2



=

32 \rightarrow # filters
 n_c^{ReLU}

*



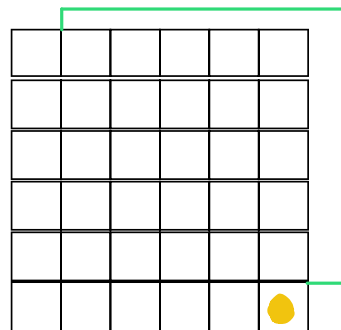
$1 \times 1 \times 32$

ReLU

=

Network on
Network

2	4	6	12	...	



$6 \times 6 \times \text{\# filters}$

Using 1*1 convolutions

