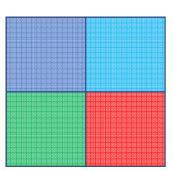


Convolutional Neural Networks

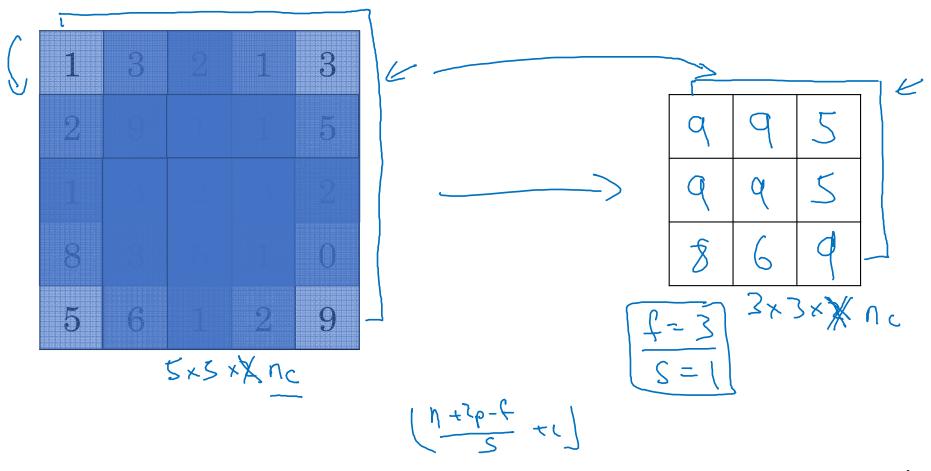
Pooling layers

Pooling layer: Max pooling

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		4	
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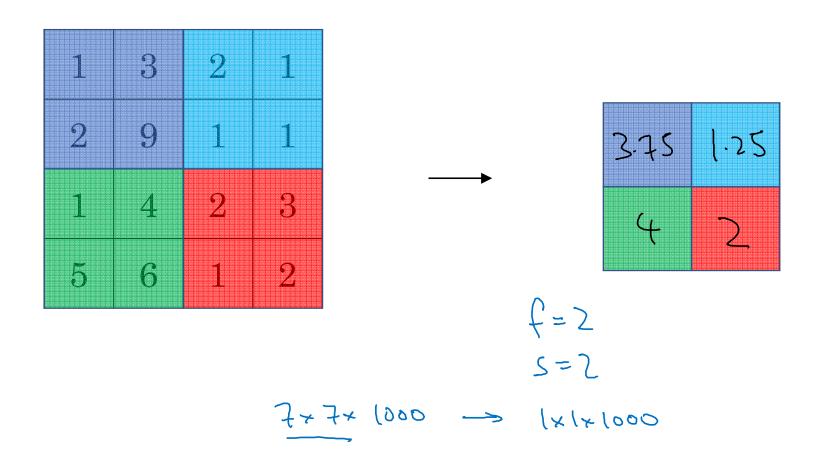


Pooling layer: Max pooling



Andrew Ng

Pooling layer: Average pooling



Andrew Ng

Summary of pooling

Hyperparameters:

f: filter size
s: stride
$$f=2, s=2$$

$$f=3, s=2$$

$$N_{H} \times N_{W} \times N_{C}$$

$$N_{H} - f + 1$$

$$\times N_{C}$$