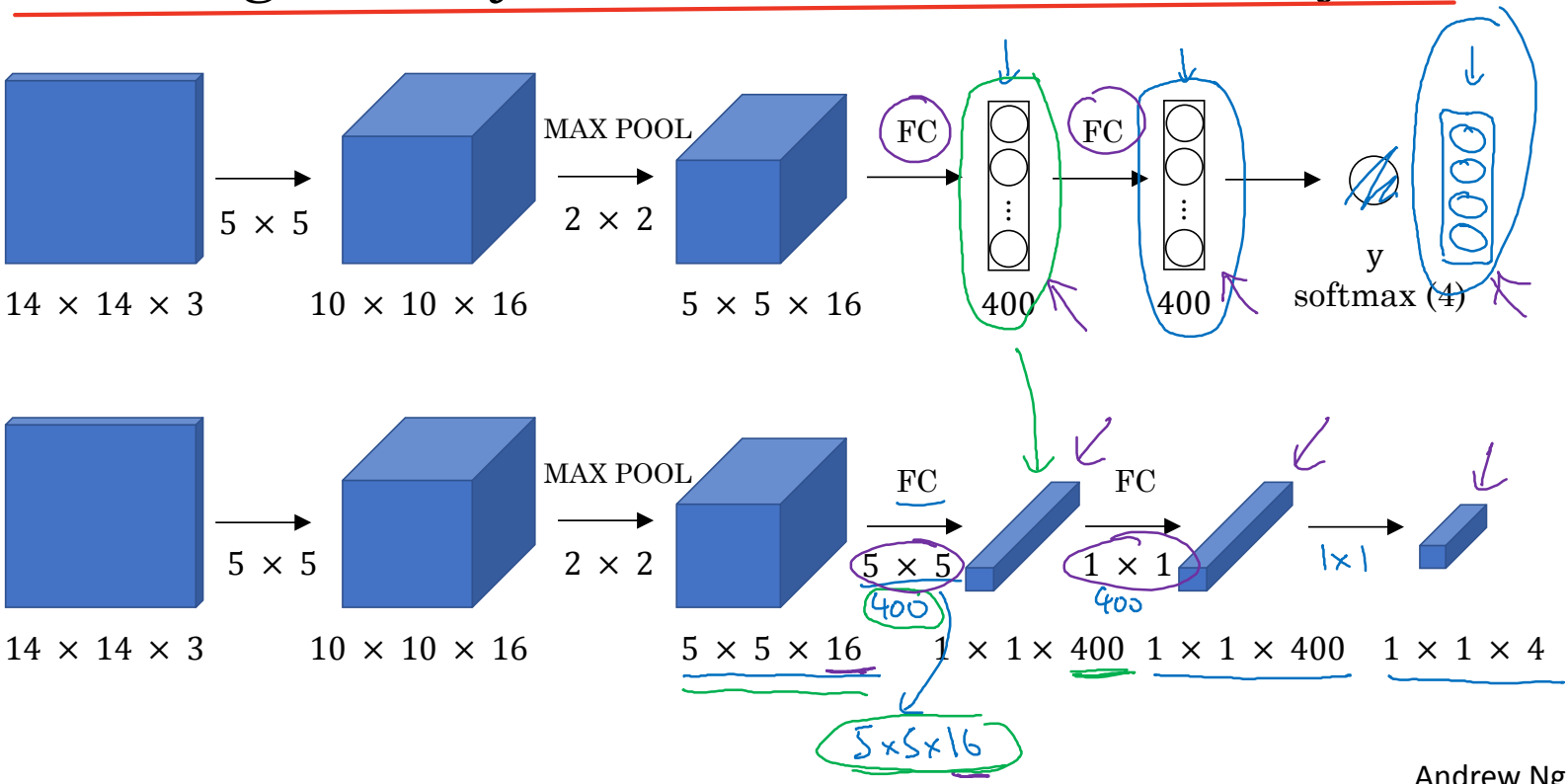
deeplearning.ai

Object Detection

Convolutional implementation of sliding windows

- make all the predictions at the same time

Turning FC layer into convolutional layers



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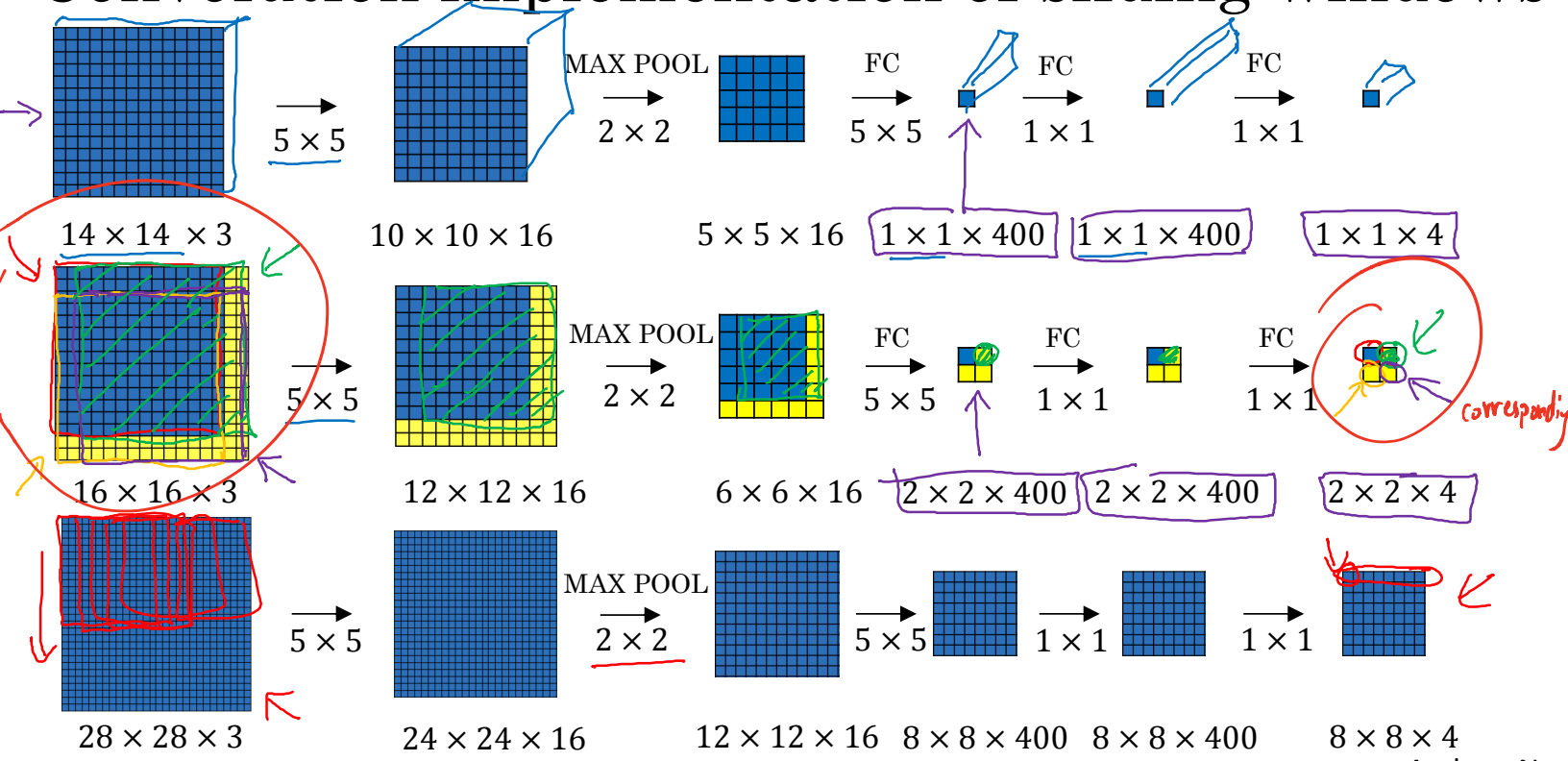
Convolution implementation of sliding windows

share a lot of computation



[Sermanet et al., 2014, OverFeat: Integrated recognition, localization and detection using convolutional networks]

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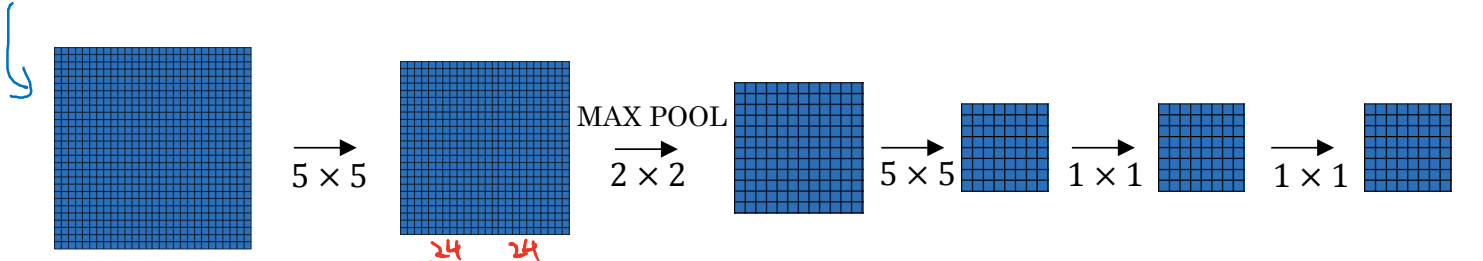
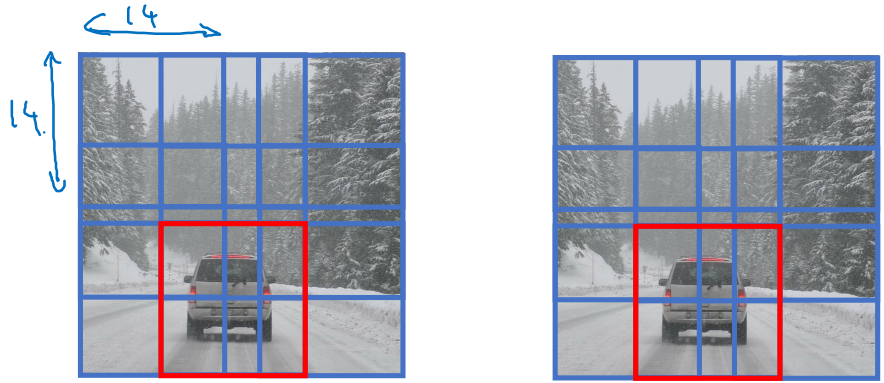
Convolution implementation of sliding windows





weakness: the position of the bounding boxes is not going to be too accurate.

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