deeplearning.ai

Case Studies

Inception network

Inception module

Previous Activation — $28 \times 28 \times 192$

1×1 CONV — $28 \times 28 \times 64$

1×1 CONV 96 → 3×3 CONV — $28 \times 28 \times 128$

1×1 CONV 16 → 5×5 CONV — $28 \times 28 \times 32$

MAXPOOL 3×3, s = 1 same — $28 \times 28 \times 192$

1×1 CONV — $28 \times 28 \times 32$ ← 32 filters, $1 \times 1 \times 192$

Channel Concat — $28 \times 28 \times 256$

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Inception network

GooLeNet

Softmax
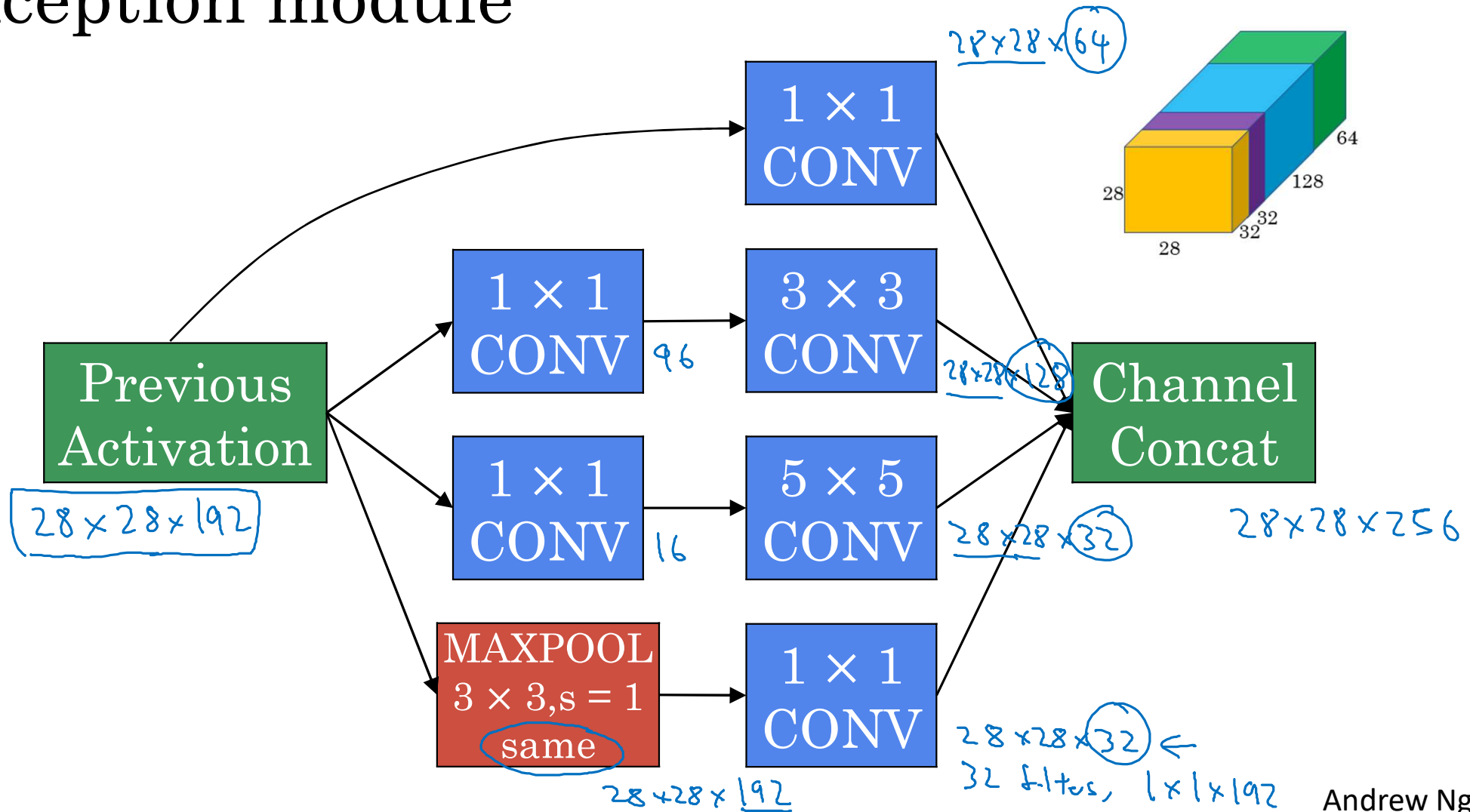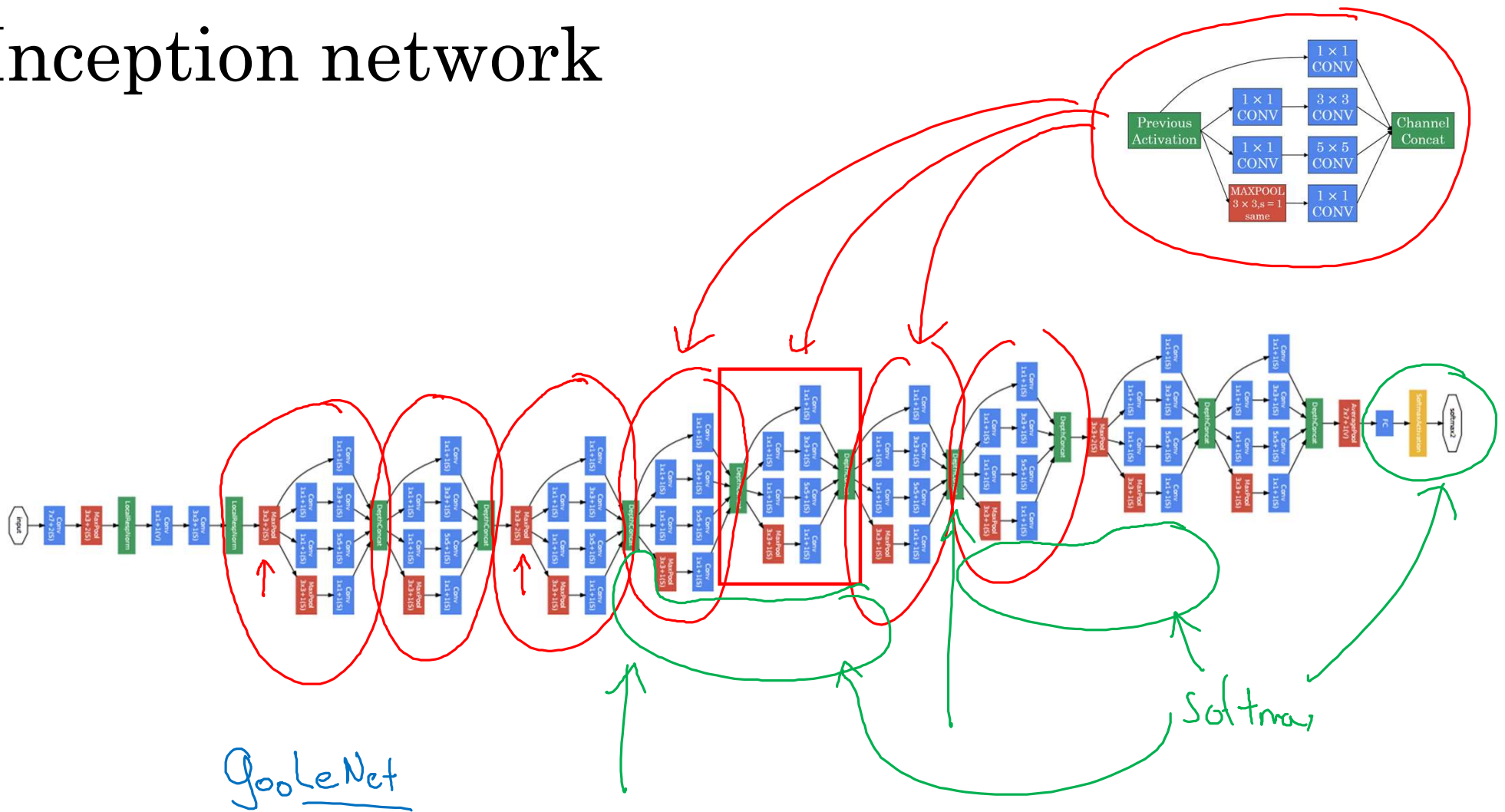
[Szegedy et al., 2014, Going Deeper with Convolutions]

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http://knowyourmeme.com/memes/we-need-to-go-deeper

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