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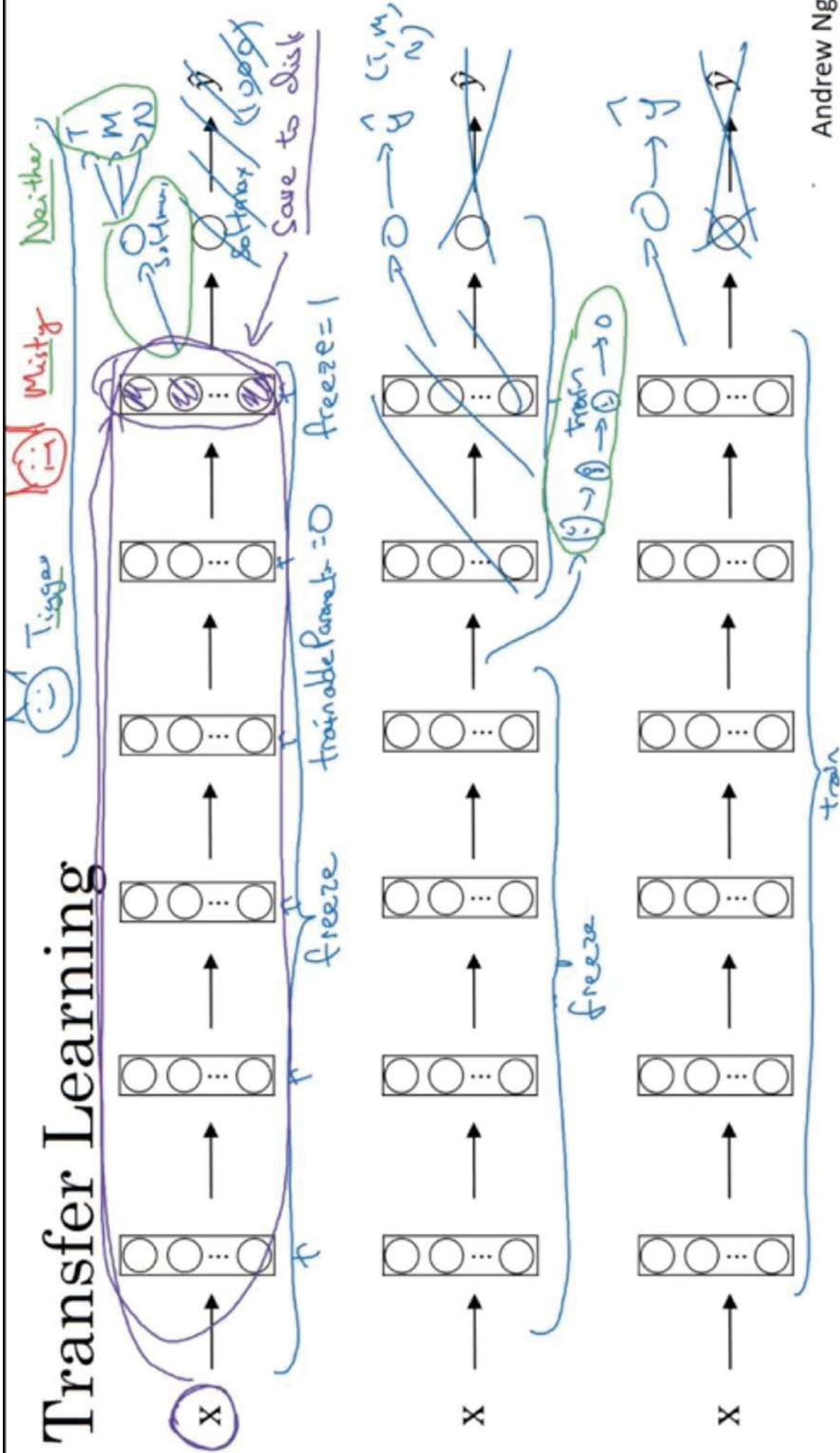
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Practical advice for using ConvNets

Transfer Learning

deeplearning.ai

Transfer Learning
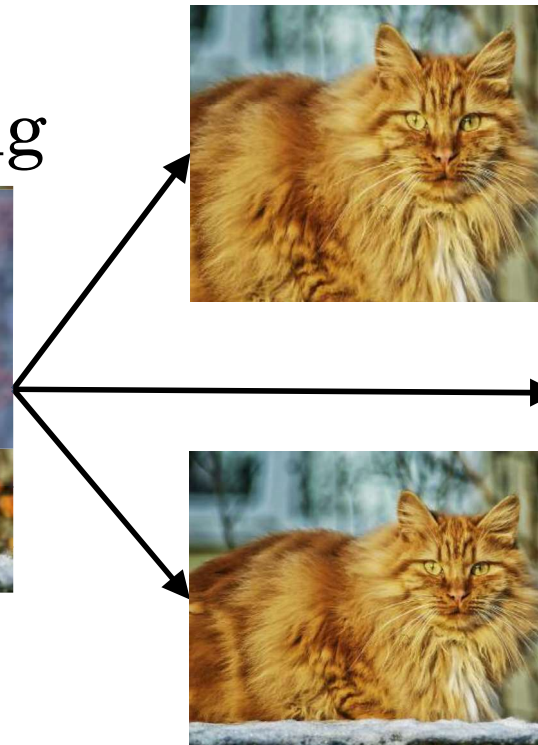
Practical advice for
using ConvNets

Data augmentation

deeplearning.ai

Common augmentation method

Mirroring

Random Cropping

Rotation

Shearing

Local warping

...

Color shifting

R G B
↓ ↓ ↓

+20,-20,+20

-20,+20,+20

+5,0,+50

y
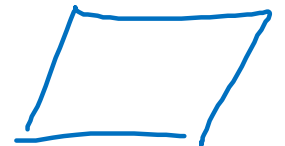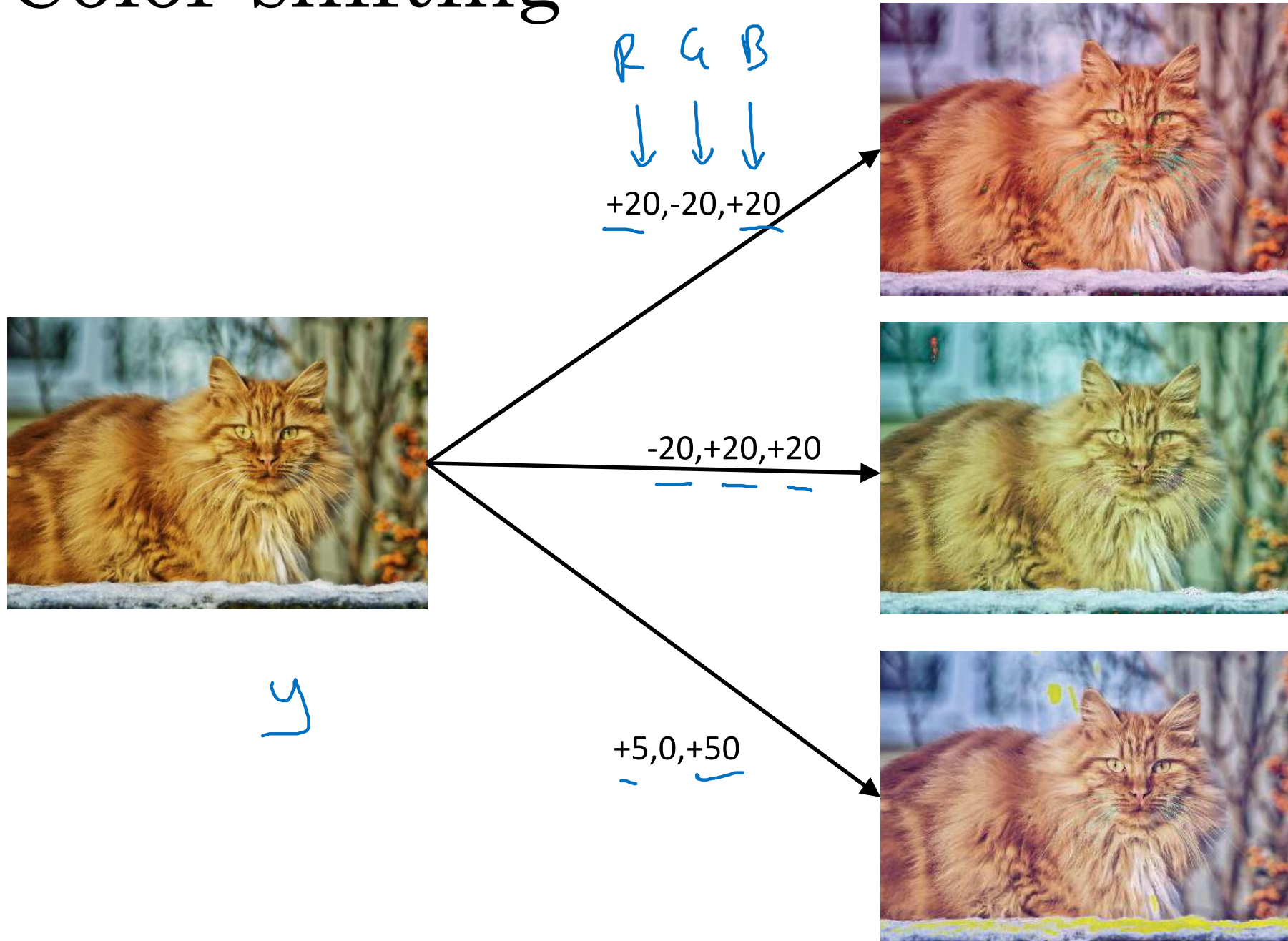
Advanced:

PCA
ml-class.org

[AlexNet paper

["PCA color
    augmentation."

R B   G

Andrew Ng