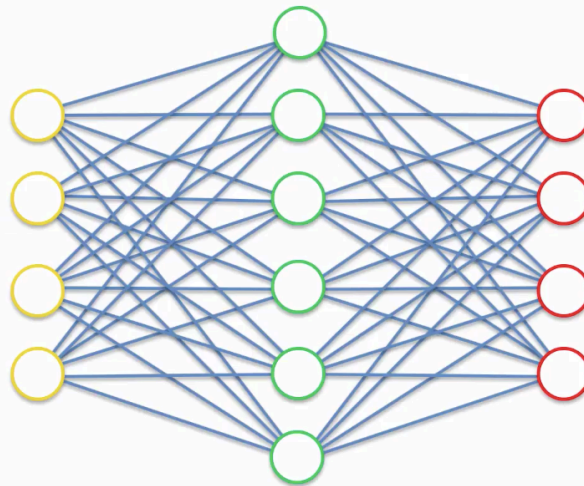


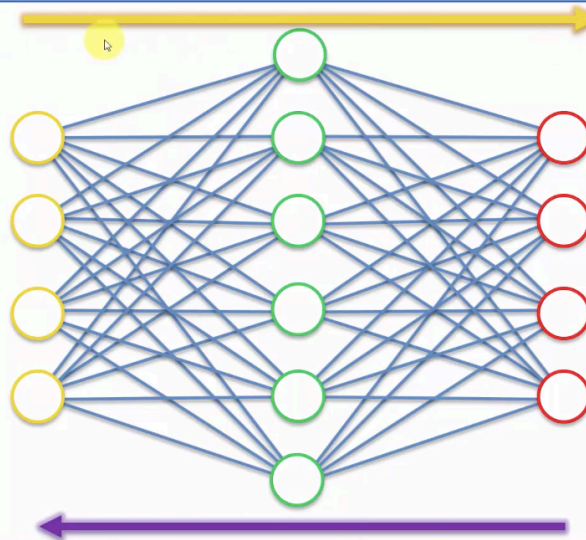
Contractive Autoencoders

Contractive Autoencoders



This is another regularization technique for solving the problem of having more hidden nodes (for cheating).

Contractive Autoencoders



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This compares the output with the input but there a little more complex than that. The lecture doesn't go deeper because of the complexity

Contractive Autoencoders

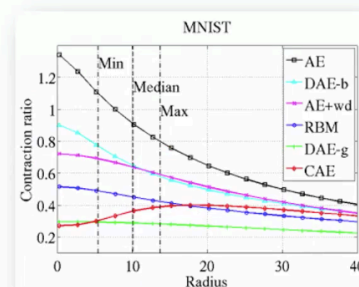
Additional Reading:

Contractive Auto-Encoders: Explicit Invariance During Feature Extraction

By Salah Rifai et al. (2011)

Link:

http://machinelearning.wustl.edu/mlpapers/paper_files/ICML2011Rifai_455.pdf



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