



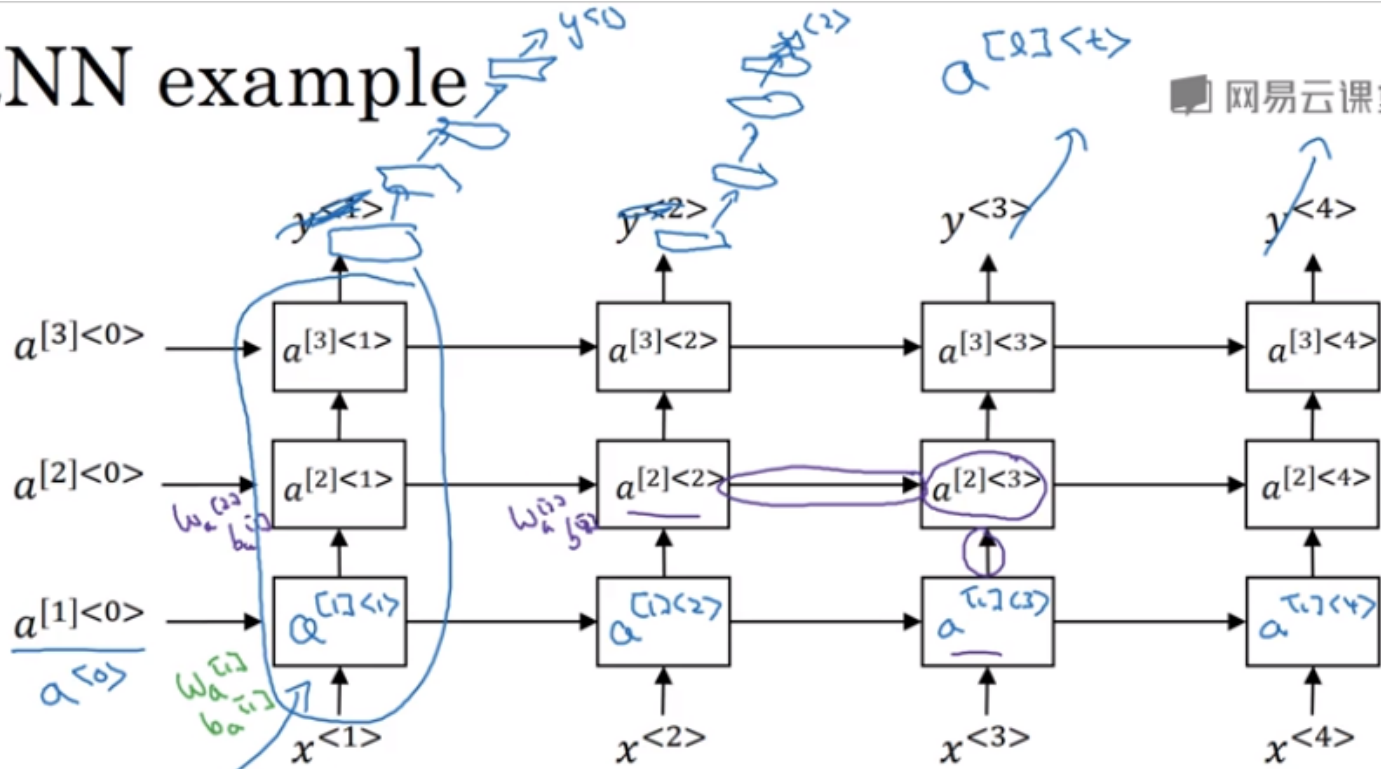
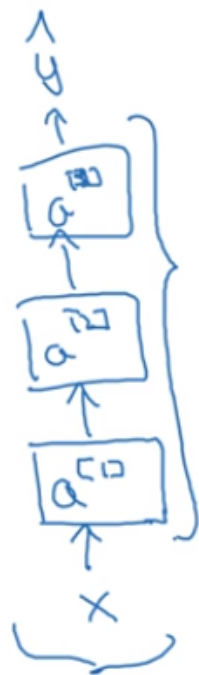
deeplearning.ai

# Recurrent Neural Networks

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## Deep RNNs

# Deep RNN example



RNN  
GRU  
LSTM

BRNN

$$a^{[2]} <3> = g(W_a^{[2]} [a^{[1]} <2>, a^{[1]} <3>] + b_a^{[2]})$$