



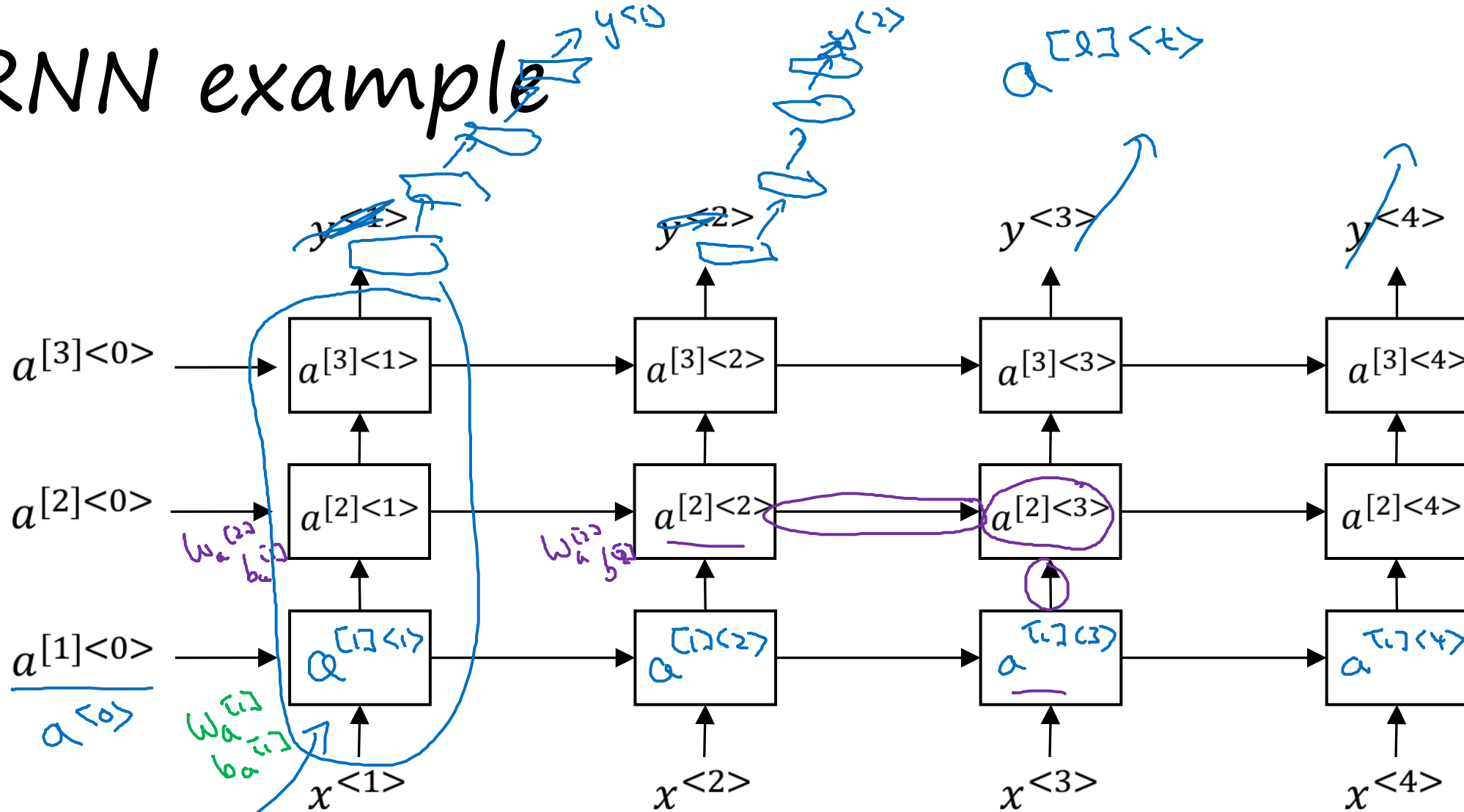
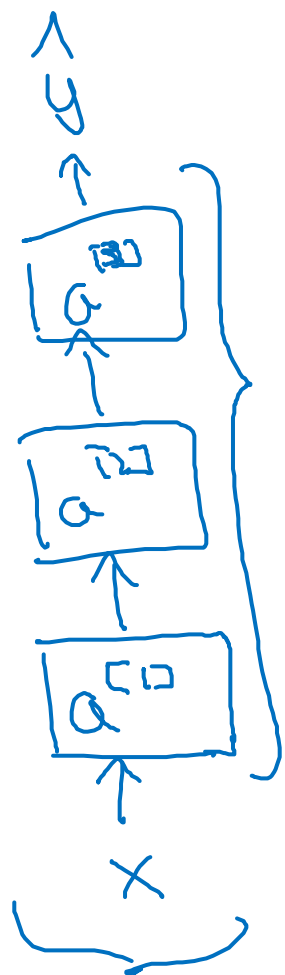
deeplearning.ai

# Recurrent Neural Networks

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## Deep RNNs

# Deep RNN example



RNN  
GRU  
LSTM

BRNN

$$a^{[2]}_{t+1} = g(W_a^{[2]} [a^{[1]}_t, a^{[1]}_{t+1}] + b_a^{[2]})$$