

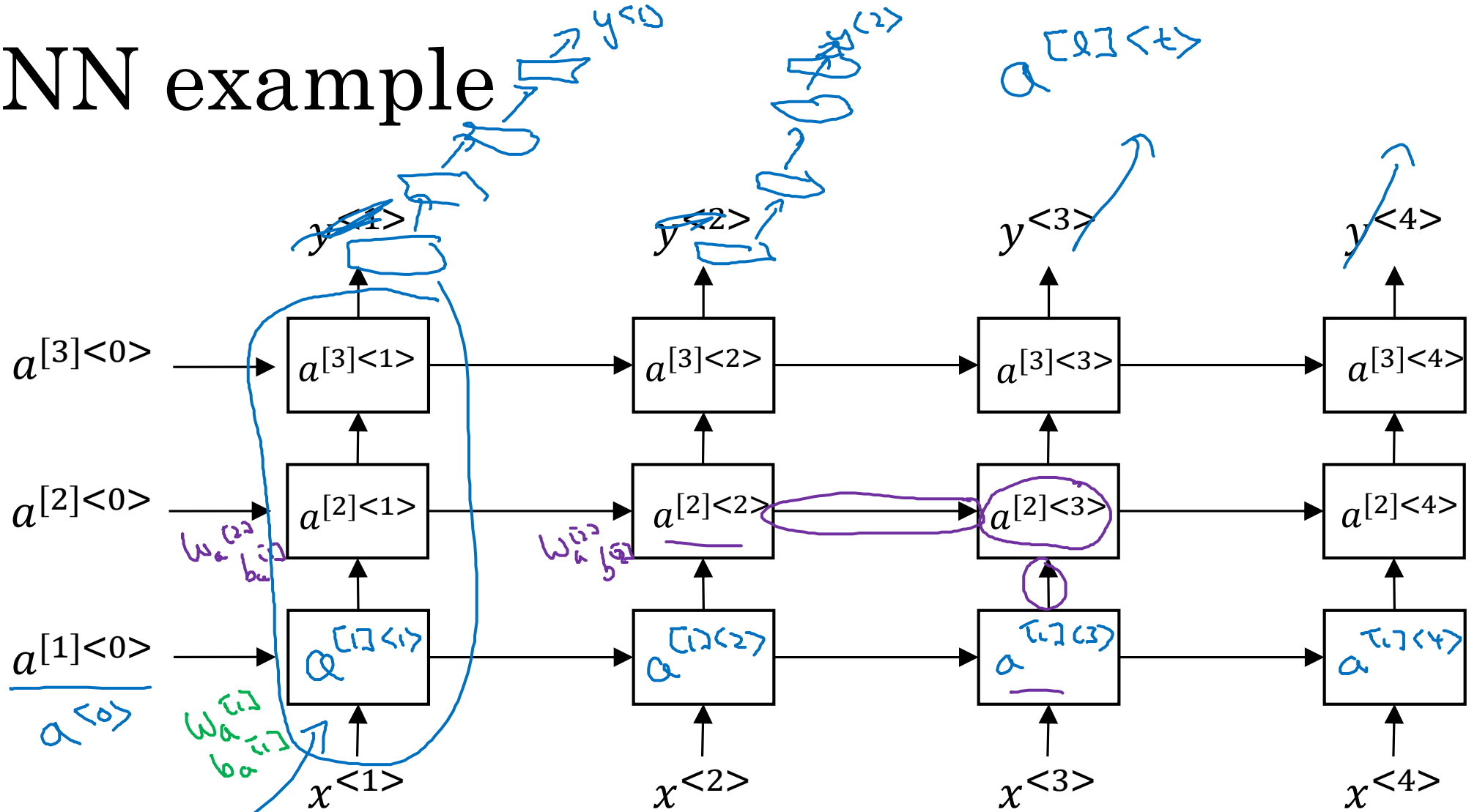
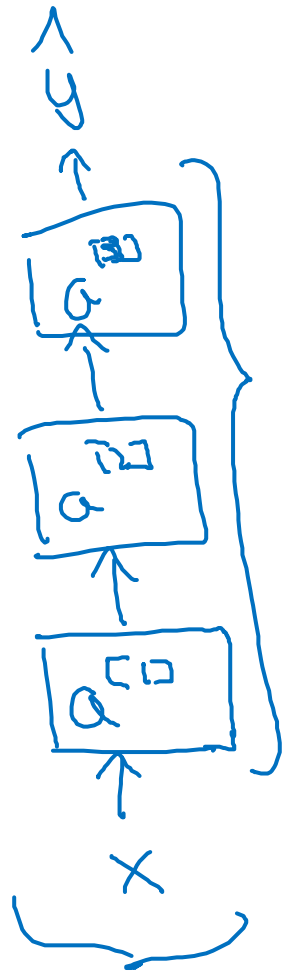


deeplearning.ai

Recurrent Neural Networks

Deep RNNs

Deep RNN example



RNN
GRU
LSTM

BRNN

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