



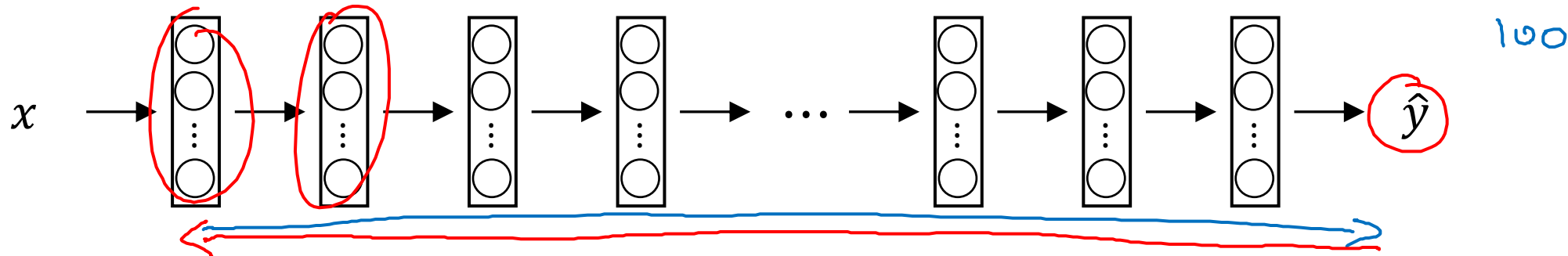
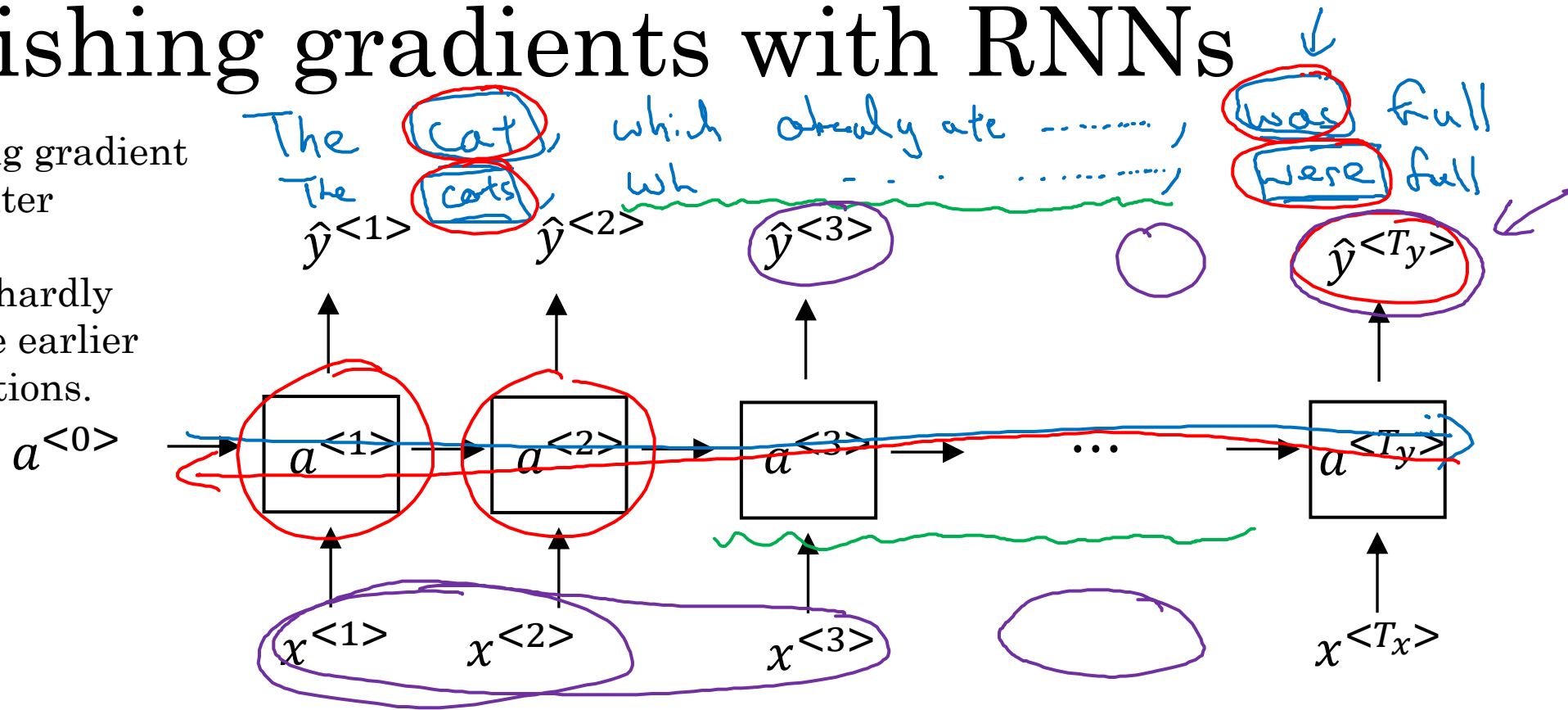
deeplearning.ai

Recurrent Neural Networks

Vanishing gradients with RNNs

Vanishing gradients with RNNs

Vanishing gradient causes later gradient changes hardly affect the earlier computations.



Exploding gradients.

NaN

Gradient clipping