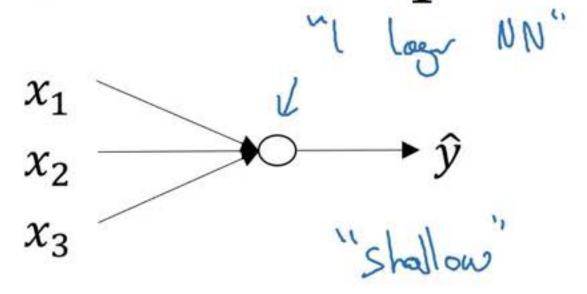


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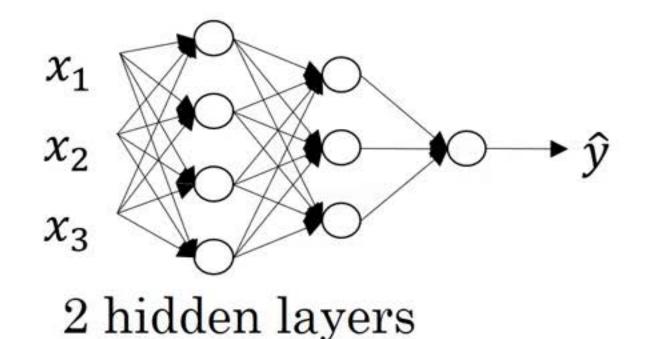
## Deep Neural Networks

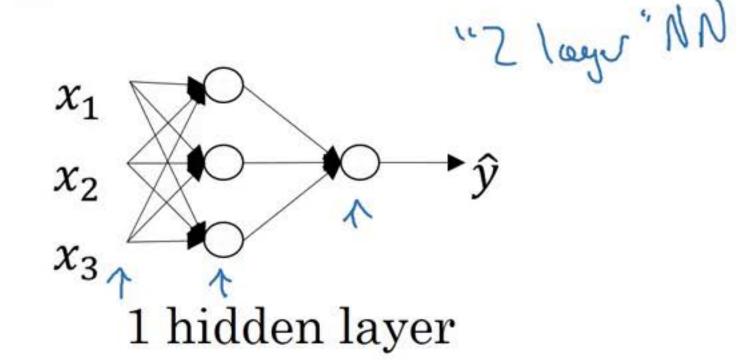
### Deep L-layer Neural network

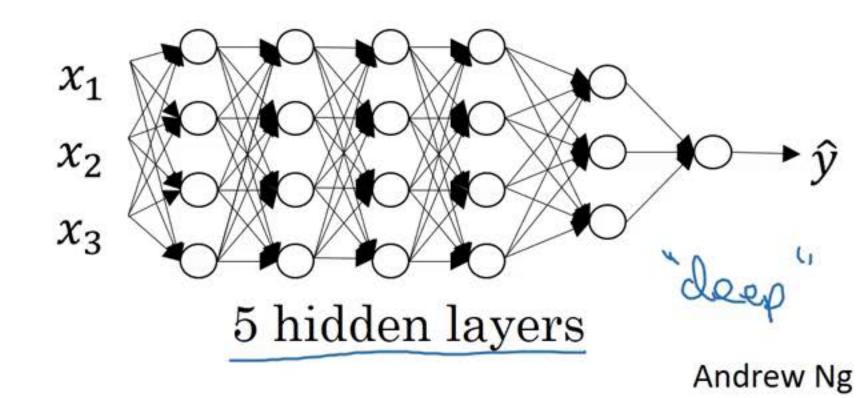
### What is a deep neural network?



logistic regression

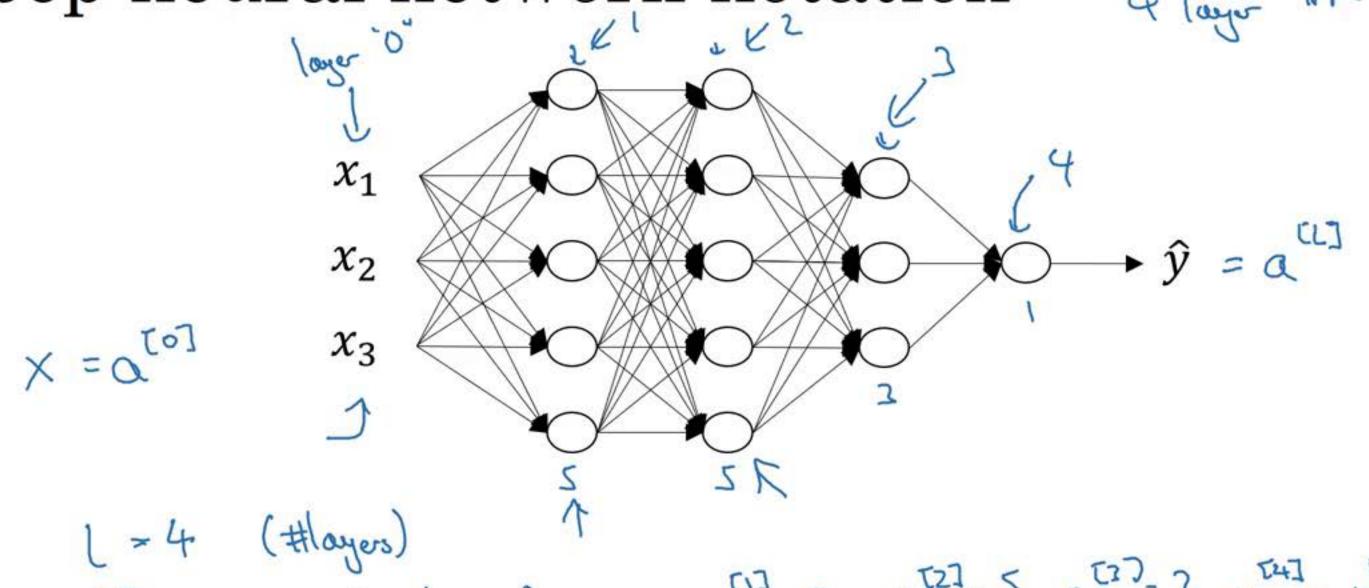






#### Deep neural network notation

4 layer NN



$$C^{(e)} = autinotions$$
 in leger  $l$ 
 $C^{(e)} = autinotions$  and  $l$ 
 $C^{(e)} = autinotions$  in leger  $l$ 

$$N_{C13} = 2$$
,  $N_{L53} = 2$ ,  $N_{L53} = 3$ ,  $N_{L53} = 3$ ,  $N_{L53} = 1$ 

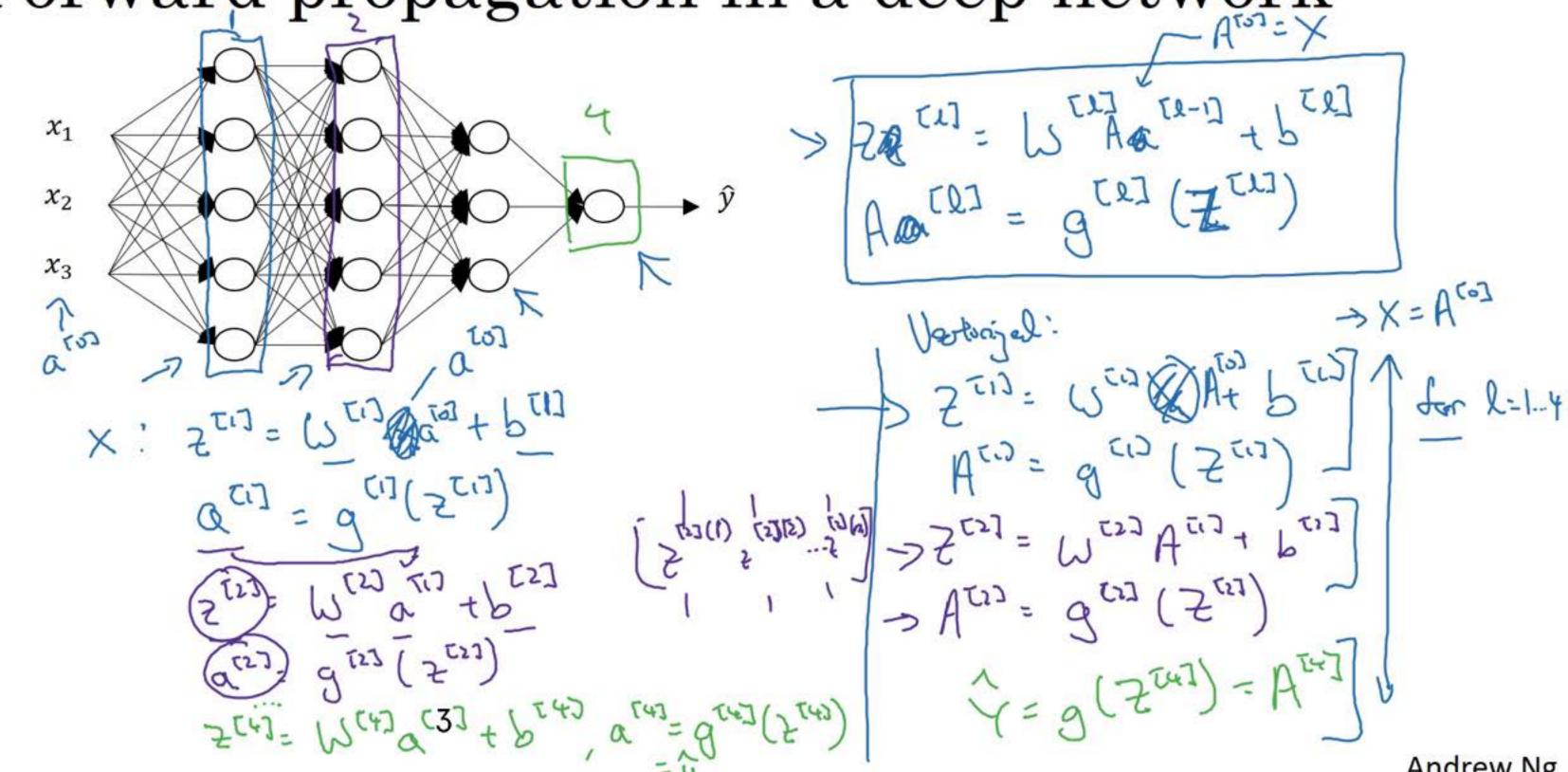


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# Deep Neural Networks

Forward Propagation in a Deep Network

Forward propagation in a deep network



Andrew Ng