

deeplearning.ai

Deep Neural Networks

Forward and backward propagation

Forward propagation for layer l

⇒ Input
$$a^{[l-1]} \leftarrow b^{\tau n}, b^{\tau n}$$

⇒ Output $a^{[l]}$, cache $(z^{[l]})$

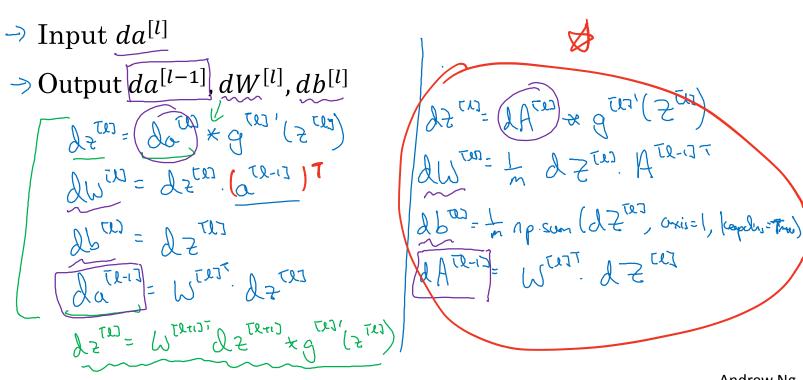
$$z^{\tau l} = b^{\tau l}, a^{\tau l} \rightarrow b^{\tau l}$$

$$a^{\tau l} = g^{\tau l}, a^{\tau l} \rightarrow b^{\tau l}$$

$$a^{\tau l} = g^{\tau l}, a^{\tau l} \rightarrow b^{\tau l}$$

$$A^{\tau l} \rightarrow b^{\tau l}$$

Backward propagation for layer l



Andrew Ng

Summary

