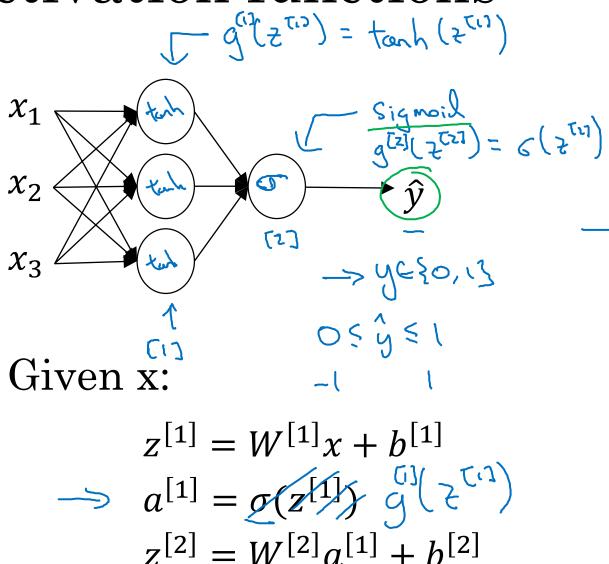


deeplearning.ai

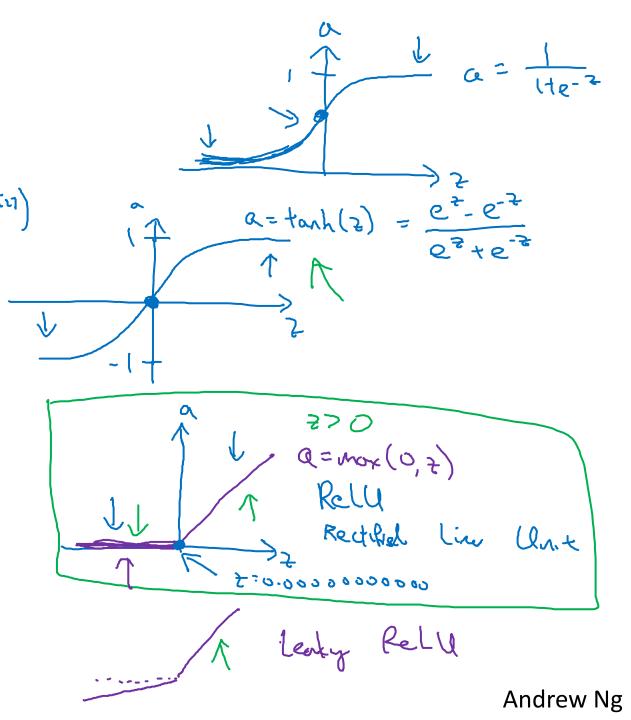
One hidden layer Neural Network

Activation functions

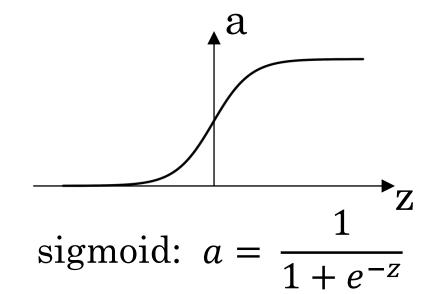
Activation functions

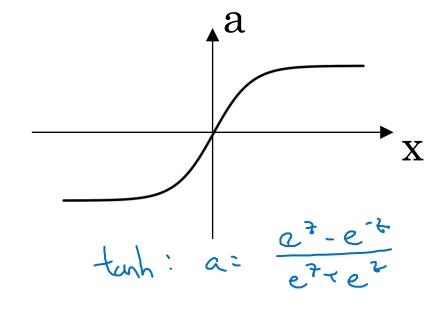


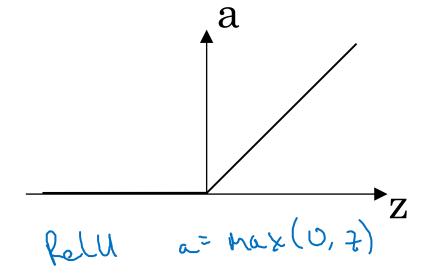
 $\Rightarrow a^{[2]} = \sigma(z^{[2]}) q^{(2)}(z^{(2)})$



Pros and cons of activation functions







to prevent the slope from approximating 0

