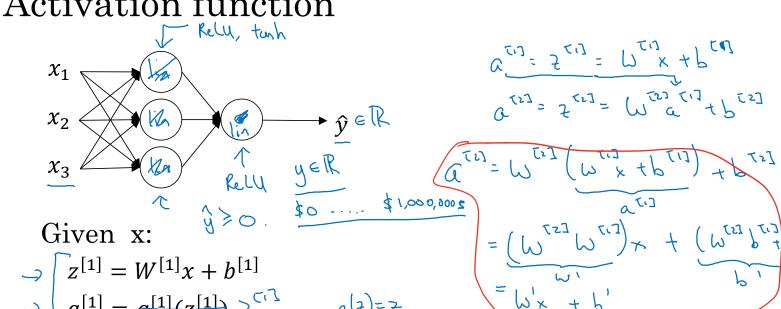


deeplearning.ai

One hidden layer Neural Network

Why do you need non-linear activation functions?

Activation function



 $\Rightarrow z^{[2]} = W^{[2]}a^{[1]} + b^{[2]}$ $\Rightarrow a^{[2]} = g^{[2]}(z^{[2]})$ Andrew Ng