



deeplearning.ai

Deep Neural Networks

Parameters vs Hyperparameters

What are hyperparameters?

Parameters: $W^{[1]}, b^{[1]}, W^{[2]}, b^{[2]}, W^{[3]}, b^{[3]}, \dots$

Hyperparameters: α , τ , #iterations, #hidden layers L , #hidden units $n^{[1]}, n^{[2]}, \dots$, choice of activation function

Loss: Momentum, mini-batch size, regularizations, ...

Applied deep learning is a very empirical process

