



deeplearning.ai

Regularizing your neural network

Understanding dropout

the o. Brio

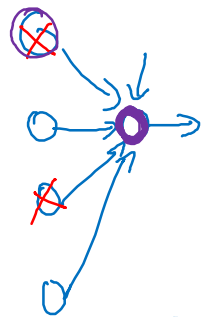
Why does drop-out work?

直觉

Intuition: Can't rely on any one feature, so have to spread out weights.

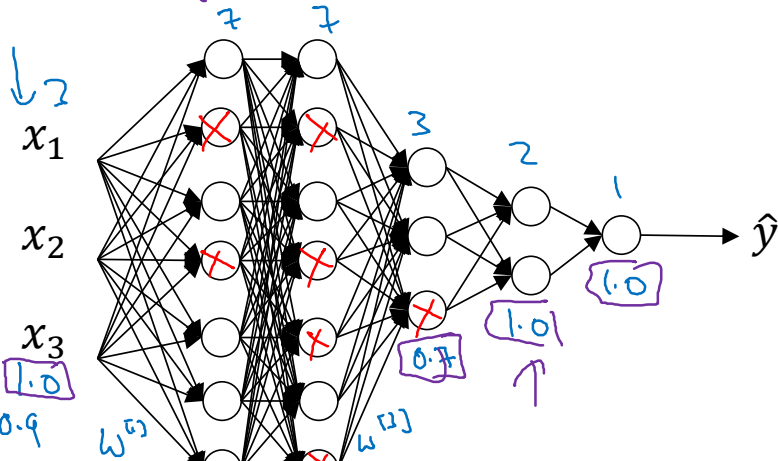
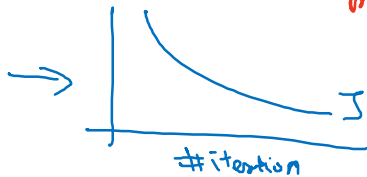
防止 over-fitting
dropout 将产生收敛权重的平方范数的效果

Shrink weights 类似 L2



→ Computer Vision frequently

Downside: 缺乏不再被明确定义



keep-prob = 1

different kp with different layers

该层的参数的层设置比较小

