



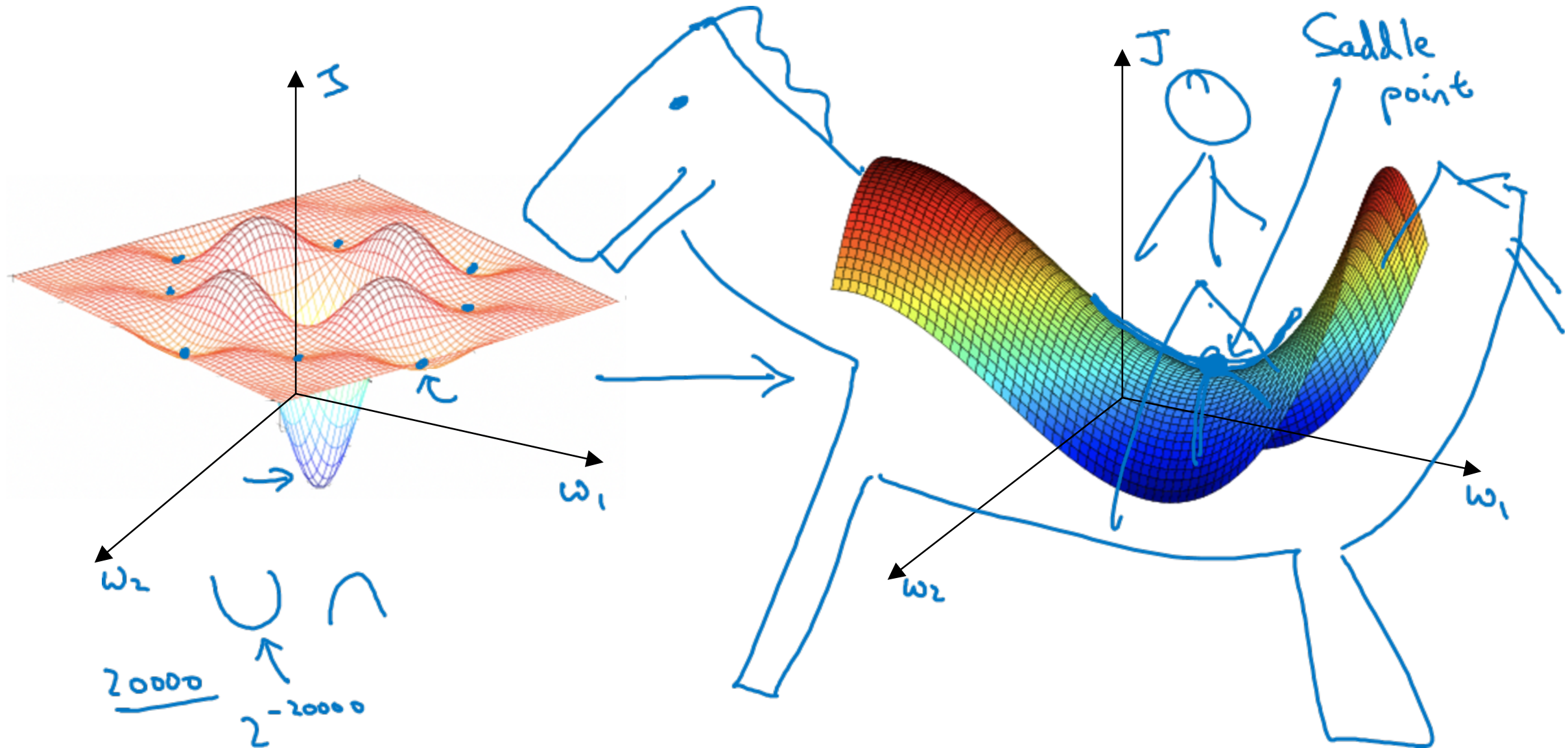
**deeplearning.ai**

# Optimization Algorithms

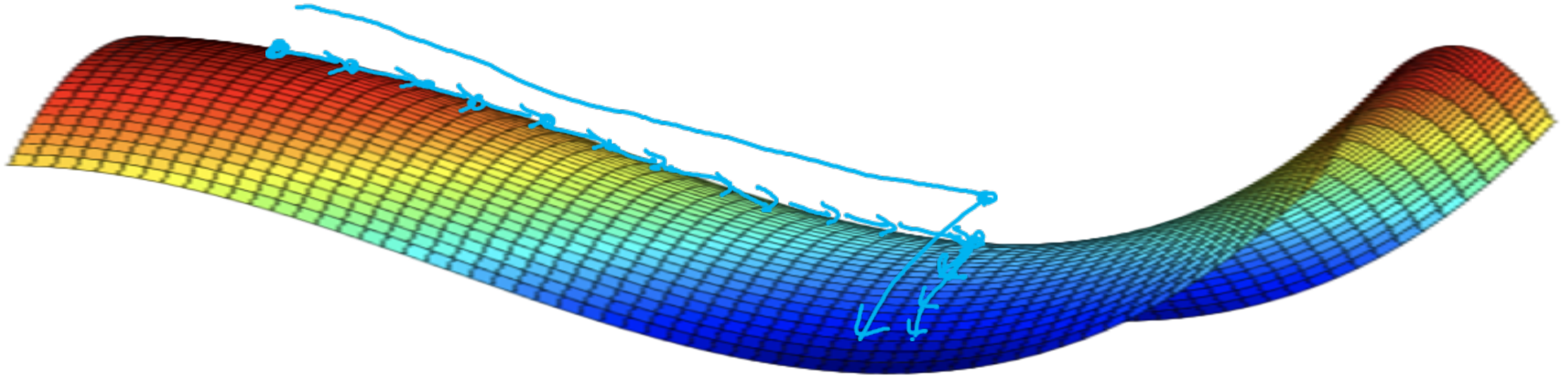
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The problem of  
local optima

# Local optima in neural networks



# Problem of plateaus



- Unlikely to get stuck in a bad local optima
- Plateaus can make learning slow