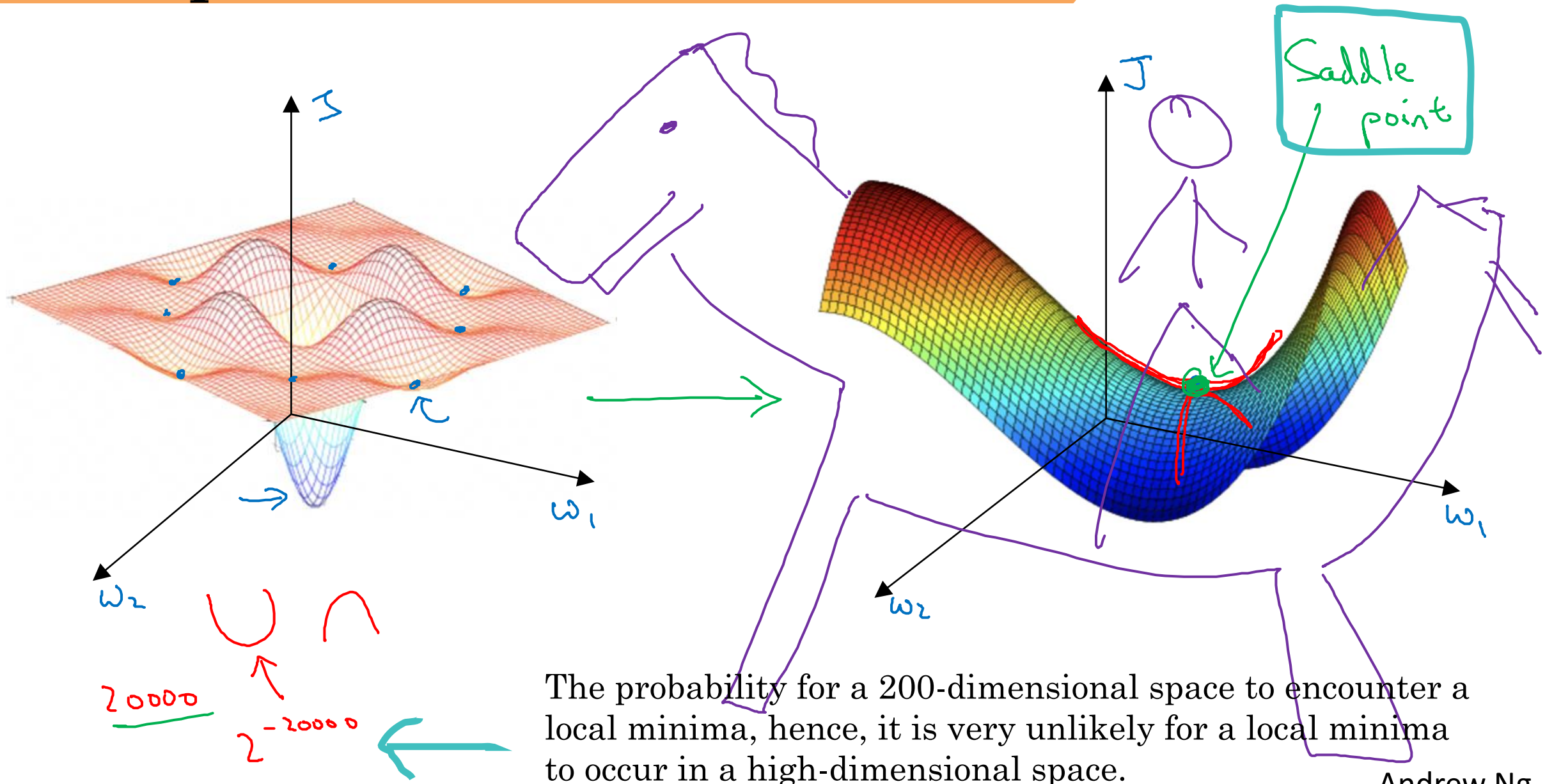
deeplearning.ai

Optimization Algorithms

The problem of local optima

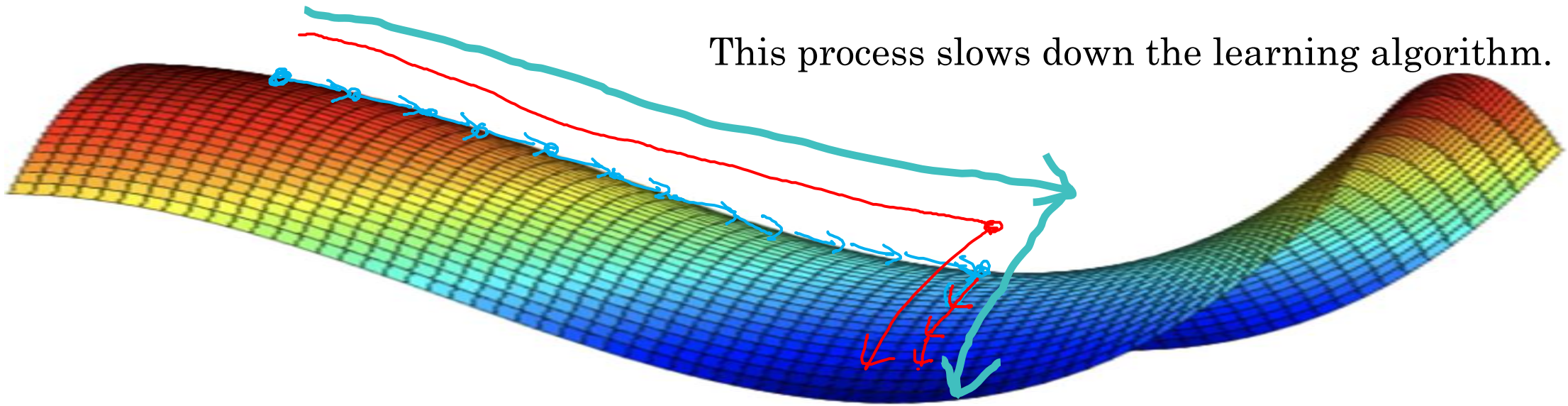
Local optima in neural networks



The probability for a 200-dimensional space to encounter a local minima, hence, it is very unlikely for a local minima to occur in a high-dimensional space.

Andrew Ng

Problem of plateaus



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