Optimization Algorithms

The problem of local optima

deeplearning.ai

Local optima in neural networks

J

ω_1

ω_2

20000

2^{-20000}

J

Saddle point

ω_1

ω_2

Andrew Ng
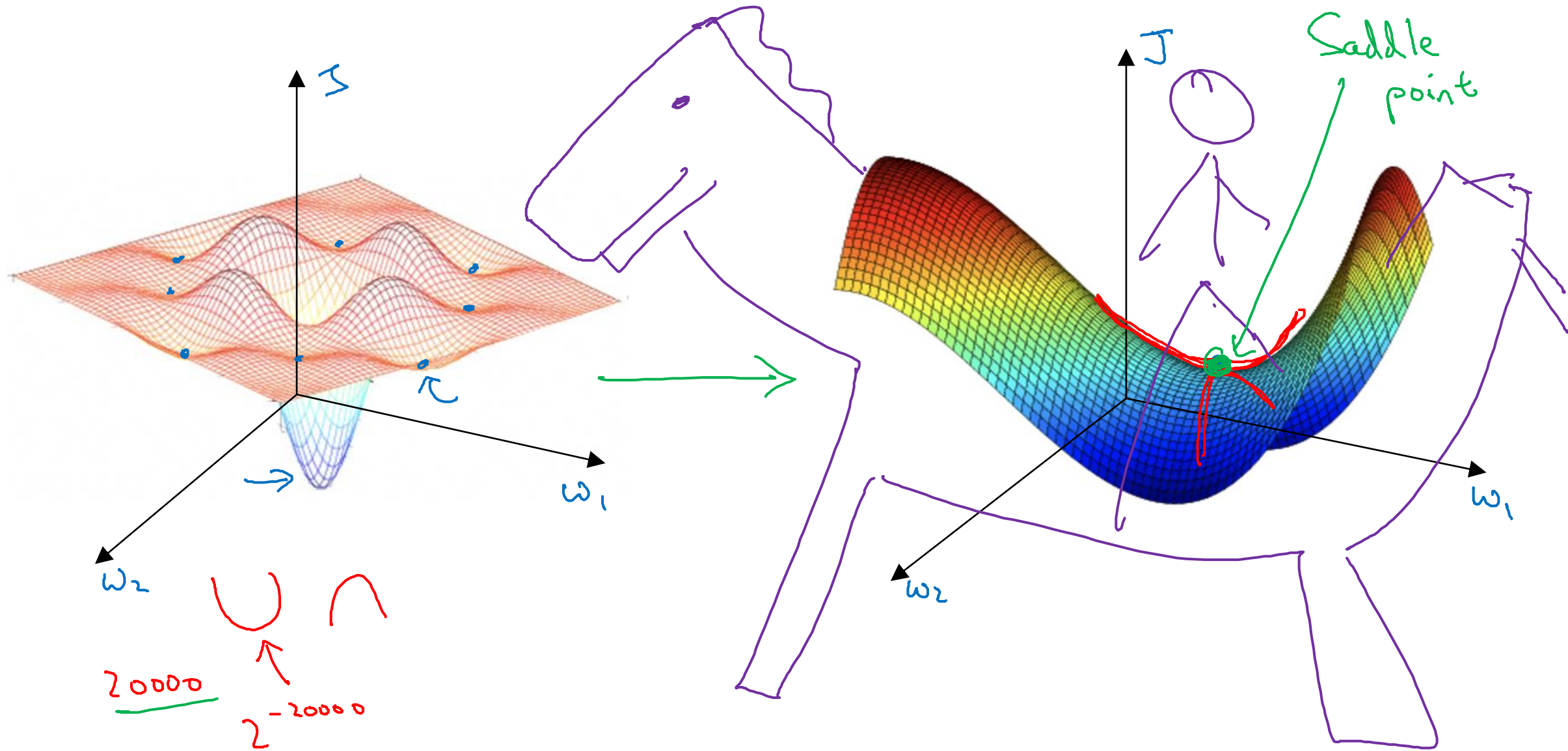
Problem of plateaus
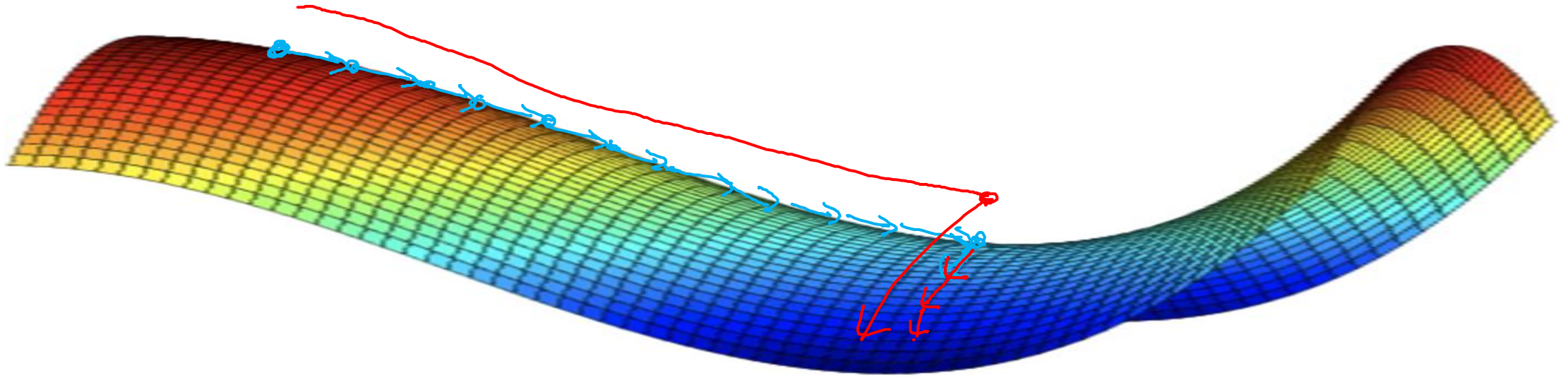
- Unlikely to get stuck in a bad local optima
- Plateaus can make learning slow