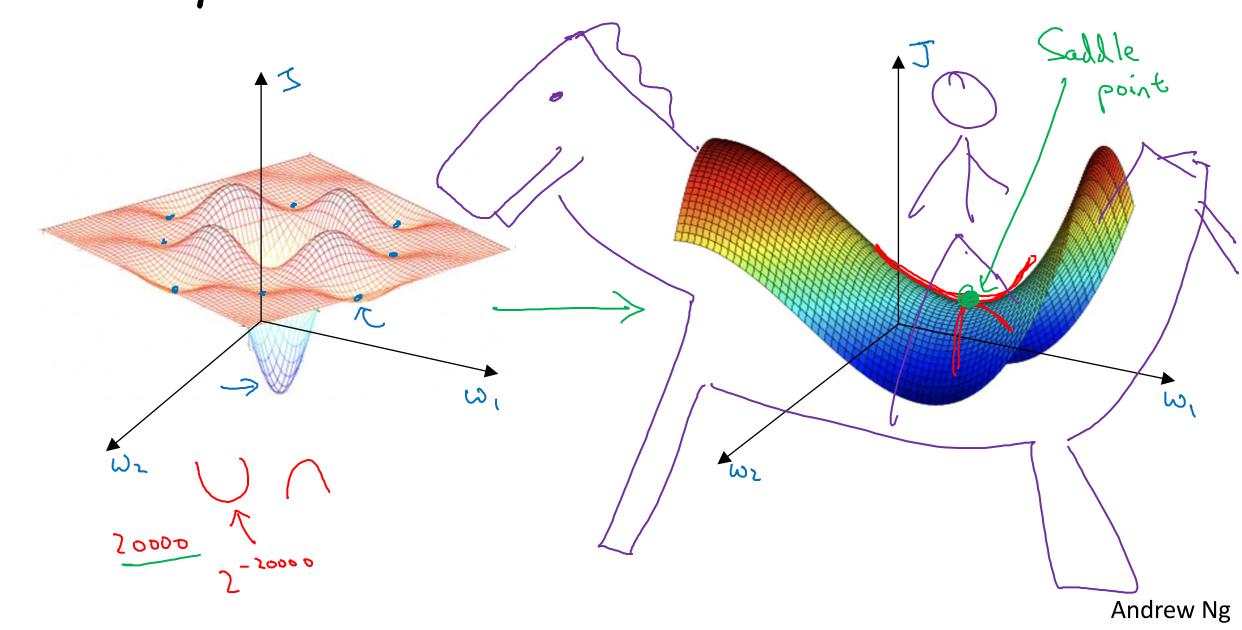


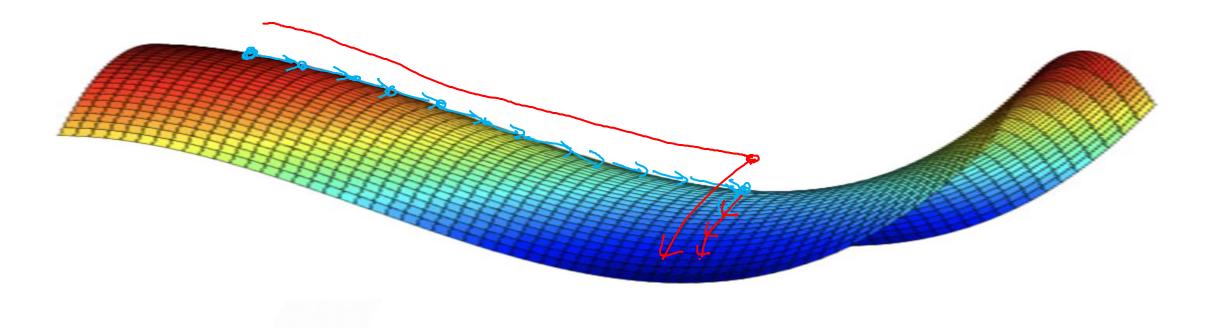
## Optimization Algorithms

## 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