Local optima
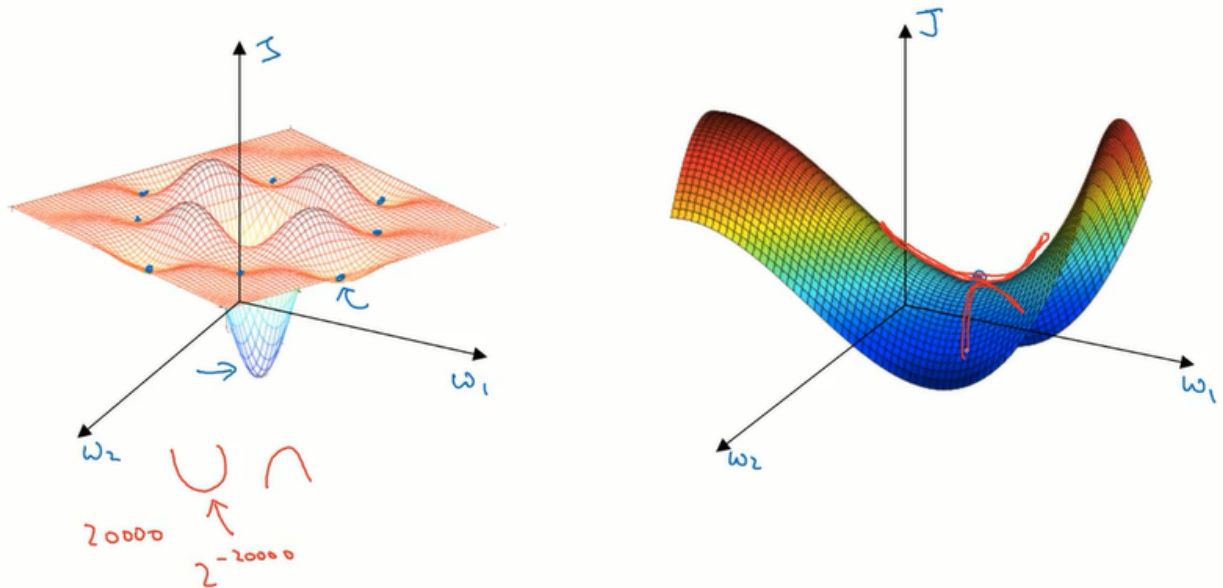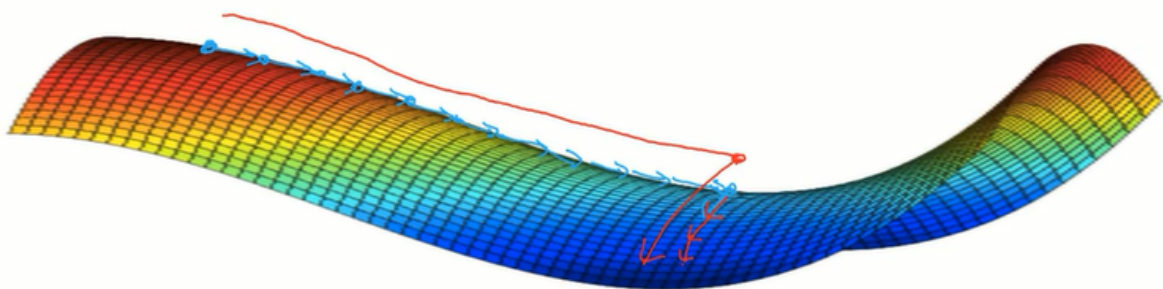
Local optima in neural networks

- actually, most points are **saddle-points** in a high dimensional parameter space
    - in some directions going up, but some going down

Problem of plateaus

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