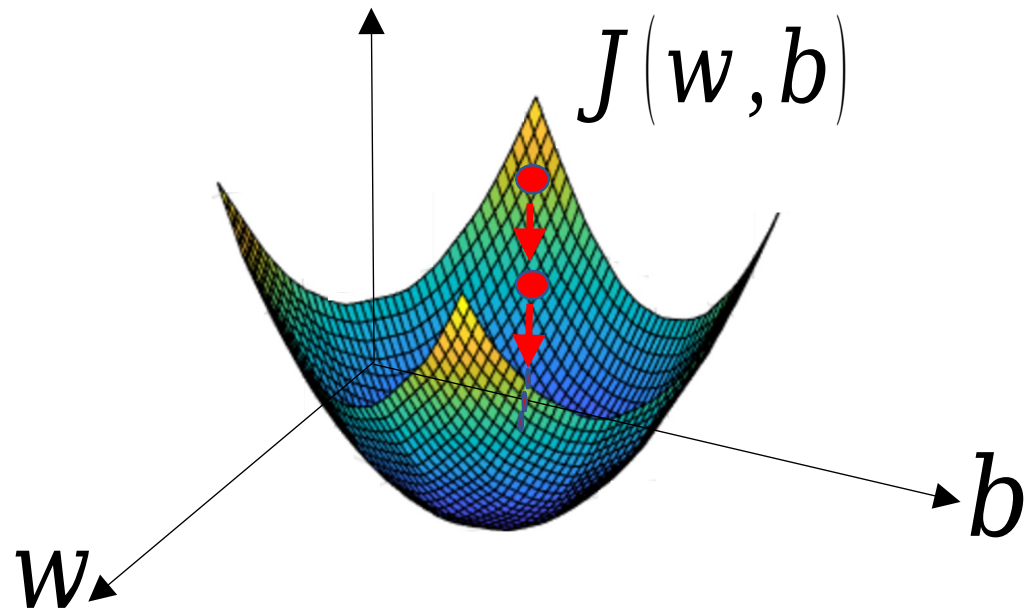# Basics of Neural Network Programming

Gradient Descent

Gradient Descent

Recap: ,

$$J(w,b) = \dot{c}\frac{1}{m}\sum_{i=1}^{m} \qquad\qquad -\frac{1}{m}\sum_{i=1}^{m} \qquad\qquad +$$

Want to find that minimize

$$J(w,b)$$

$$b$$

$$w$$

Gradient Descent