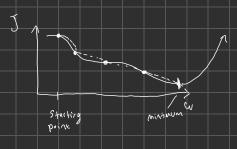


The Cost Function + Gradient Descent f (x) = function of x sixed w J(w) = function of w

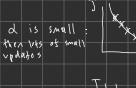
J(w) 3

$$\int (w) = \sum_{i=1}^{n} \sum_{i=1}^{\infty} (S_{i,i}(x^{(i)}) - y^{(i)})^{2} \\
= \sum_{i=1}^{n} \sum_{i=1}^{\infty} (w_{i}x^{(i)} - y^{(i)})^{2} = \sum_{i=1}^{n} (o^{2}, o^{2} + o^{2})$$

W1, W2 -. W1, 6



Main update formula:
$$w = w - a \frac{d}{dw} J(w_1b)$$
 $x_2 y_2 \in D$
 $b = b - a \frac{3}{3b} J(w_1b)$



of big updates

