

$$\frac{\partial J}{\partial w} \rightarrow + \frac{\mathcal{E}^{1}(w)}{\partial w} = \frac{\mathcal{E}^{1}(w)}{\partial w}$$

$$\frac{2\ln|n(2)}{N} = W - \frac{\ln(\frac{\partial 7}{\partial W} + \lambda \cdot W)}{2}$$

$$W = = W - lr.(\frac{\partial J}{\partial W} + \lambda \cdot W.)$$

$$= W(I + lr.\lambda) - lr.\frac{\partial J}{\partial W}$$