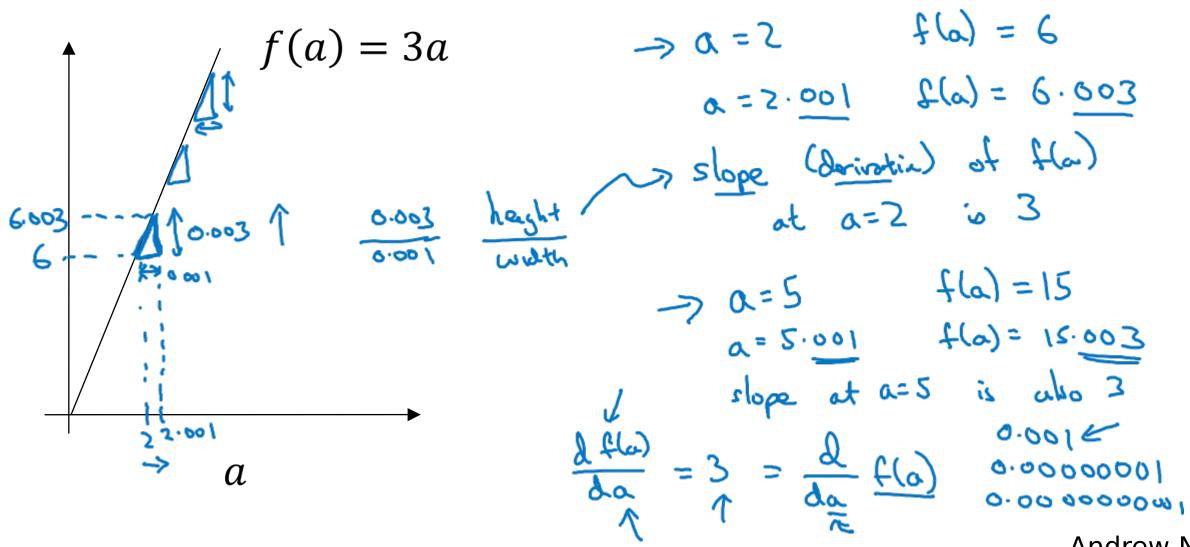


deeplearning.ai

Basics of Neural Network Programming

Derivatives

Intuition about derivatives



Andrew No

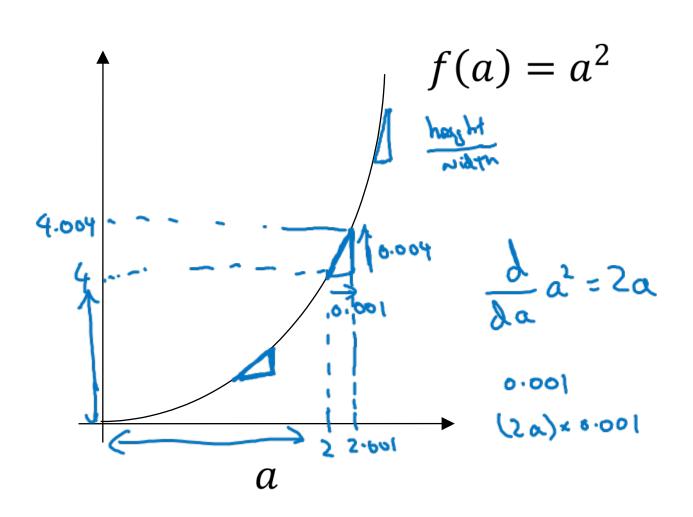


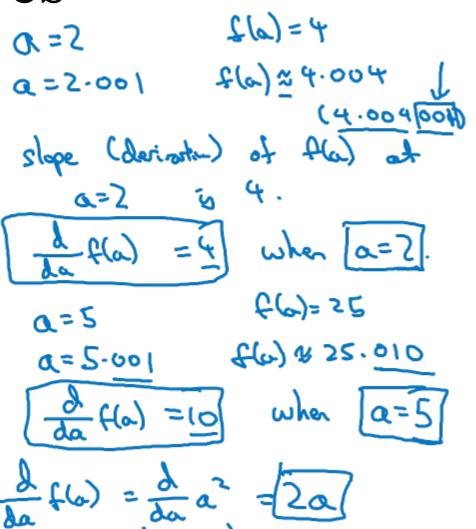
deeplearning.ai

Basics of Neural Network Programming More derivatives examples

Intuition about derivatives







More derivative examples

$$f(a) = a^2$$

$$\frac{\lambda}{\lambda a} (a) = \frac{3a^2}{3x^2} = 12$$

$$\frac{\partial}{\partial a} f(a) = \frac{1}{a}$$

$$\frac{1}{a} \frac{1}{a} \frac$$

$$\sigma = 5.001$$
 $t(r) = 8$ $c = 5$

$$0.0002 = 5.001 = 5.0002$$

$$0.0002$$

$$0.0002$$