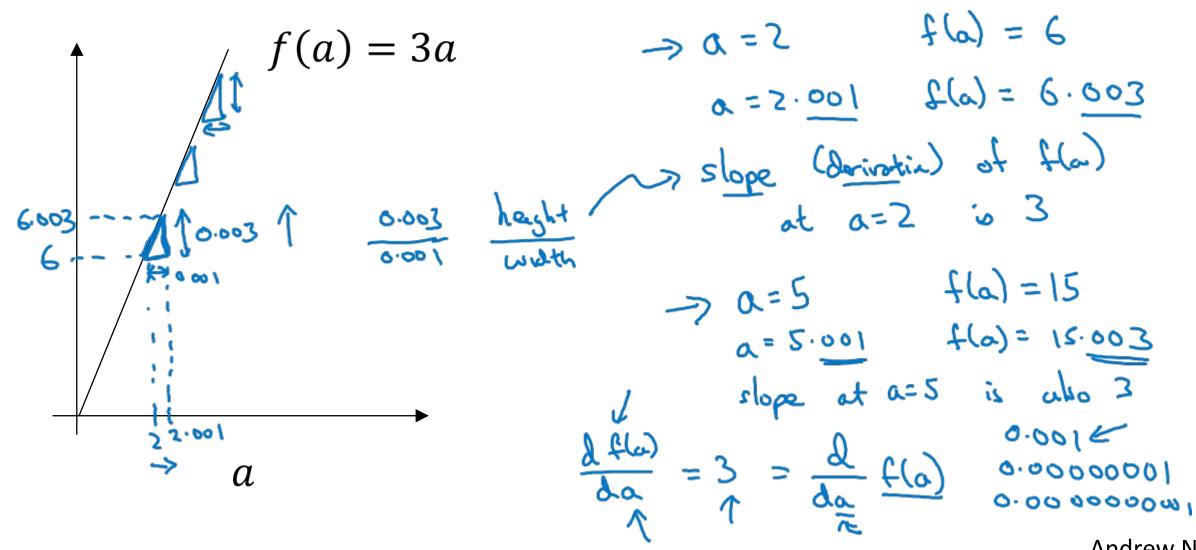


deeplearning.ai

Basics of Neural Network Programming

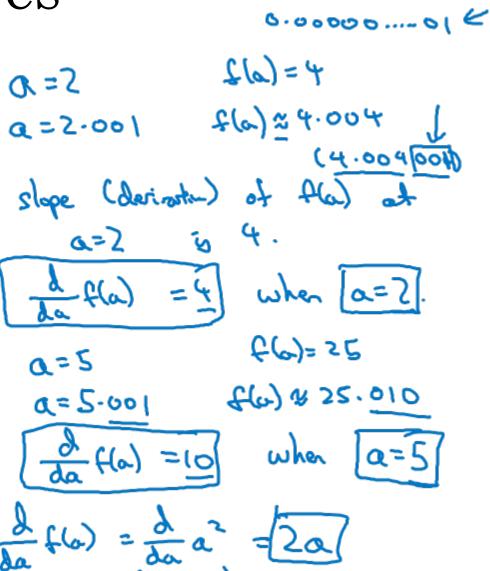
Derivatives

Intuition about derivatives

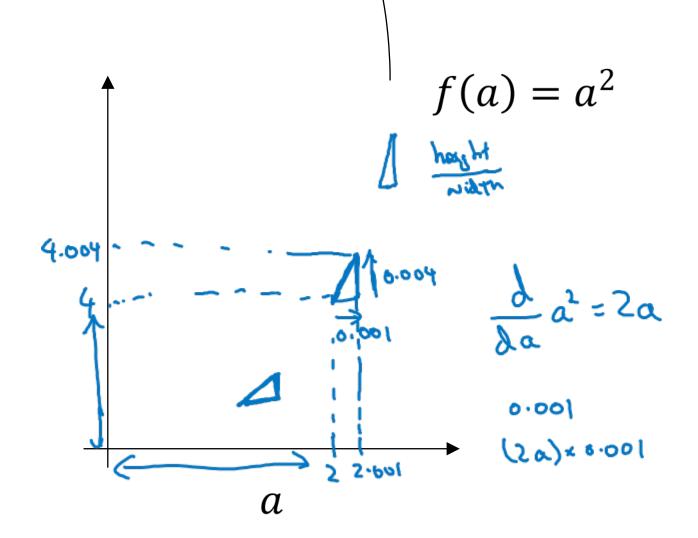


Andrew Ng

Intuition about derivatives



0.001



More derivative examples

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

$$f(\omega) = a^3$$

$$\frac{d}{da}(b) = 3a^{2}$$
 $3*2^{2} = 12$

da fla) = Za

$$\sigma = 5.001$$
 $t(r) = 8$ 0.015

$$0.0002 = 5.001 \quad \text{fm} \approx 0.0002$$

$$0.0002 \quad \text{fm} \approx 0.0002$$