Chain Rule

Sunday, September 26, 2021 8:50 AM

$$f(x) = \frac{1}{1 + e^{-\frac{x}{2}}} \quad \frac{df}{dx} = ?? \quad \text{if take } f = \frac{x}{1 + e^{-\frac{x}{2}}} = \frac{df}{dx} = 0 + ef = ef$$

$$f(x) = \frac{1}{4} \quad \text{if take } q = \frac{1}{4} \quad \text{$$

Tanh =
$$e^{\overline{z}}$$
 - $e^{\overline{z}}$ + $e^{-\overline{z}}$

$$\overline{d + anh = 1 - a^2} \rightarrow 0$$