OUT(1-OUT)
$$= OUT - OUT^{2}, Let NET = X,$$

$$= \frac{1}{1+e^{x}} = \frac{1}{(1+e^{x})^{2}} = \frac{1}{1+e^{x}} = \frac{1}{(1+e^{x})^{2}} = \frac{1}{1+e^{x}} = \frac{1}{(1+e^{x})^{2}} = \frac{1}{1+e^{x}} = \frac{1}{(1+e^{x})^{2}} = \frac{1}{1+e^{x}} = \frac{1}{(1+e^{x})^{2}} = \frac{1}{1+e^{x}} = \frac{1}{(1+e^{x})^{2}} = \frac{1}{(1+e^{$$