

$$\int_{\chi_{1}}^{2} \frac{\partial}{\partial y} \frac{\partial}{\partial y}$$

$$\frac{\hat{y}(1-y)}{\hat{y}} = -y + y\hat{y} + \hat{y} - \hat{y}$$

$$\frac{27}{27} = \frac{27}{27} \cdot \frac{27}{27} = (\frac{3^{2} - y}{3(4-9)}) \cdot (\frac{3}{3}(4-9)) = \frac{1}{3}(\frac{3}{3} - \frac{y}{3})$$

$$27 \cdot 27 = 27 \cdot (1+e^{-2})^{-1} = 7 \cdot (1+e^{-2})^{-2} \cdot (7+e^{-2})$$

$$\frac{2\vec{y}}{d\tau} = 2\left[\frac{1}{(1+e^{-\tau})}\right] = 2\left[\frac{1}{(1+e^{-\tau})}\right] = +(1+e^{-\tau})^{-2}(4e^{-\tau})$$

$$\frac{e^{-\tau}}{(1+e^{-\tau})^{2}} = \left(\frac{1}{1+e^{-\tau}}\right)\left(1-\frac{1}{1+e^{-\tau}}\right) = -\sqrt{3}\left(1-\sqrt{3}\right)$$

$$\frac{2z}{2w} = \frac{2z}{2y} \cdot \frac{2z}{2z} \cdot \frac{2z}{2w} = \sqrt{(y-y) \cdot x}$$

$$\frac{2z}{2w} = 2\sqrt{w}x + 6\sqrt{z} = x$$

$$\frac{2z}{2w} = 1$$

 $\frac{\partial \mathcal{I}}{\partial \lambda} = (\hat{y} - y)(1) = [\hat{y} - y]$

Asoviture (2es.)

For
$$t=1$$
 to max itev:

 $z=w.TeX+b$
 $y=\sigma(z)$
 $dz=y-y$
 $dw=m \times e dz.T$

(db = to np. sum (d2)

 $w = w - |v \times dw|$

b = b - 1 × db