

Etal =
$$\frac{1}{2}$$
 ((tarset y. - α_{00})² + (tarset y₀ - α_{01})²)

$$\frac{1}{2}$$

$$\frac{1}{2}$$
(tarset y. ² - $2\alpha_{20}$ · tarset y. + α_{20})

$$\frac{1}{2}$$

$$\frac{1}{2$$

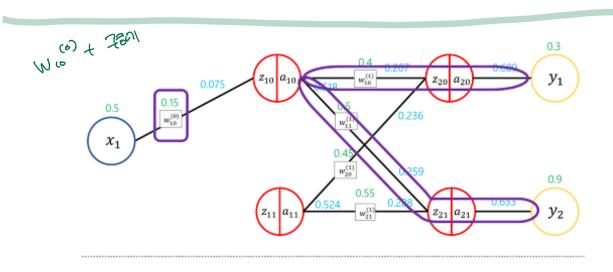
$$L_{1}(x) = \frac{\partial_{2}(x)}{\partial_{1}(x) - 2(x)} - 2(x) - 2(x)$$

$$F'(x) = \frac{0 - 1 \times -e^{-2}}{\left(1 + e^{-x}\right)^2} = \frac{e^{2x}}{\left(1 + e^{-x}\right)^2}$$

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

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

$$W_{0} = W - 1/* \frac{2W_{0}(0)}{3E4} = 0.4 - 0.5 \times 0.000)$$



$$\frac{\partial E_{tot}}{\partial w_{10}^{(0)}} = \frac{\partial E_{tot}}{\partial a_{10}} \frac{\partial a_{10}}{\partial z_{10}} \frac{\partial z_{10}}{\partial w_{10}^{(0)}} \qquad E_{tot} = E_{y1} + E_{y2}$$

$$\Rightarrow \partial \mathcal{H} = \mathbb{E}_{y1} + E_{y2}$$

किस राभक अर $= \left(\frac{\partial E_{Y_1}}{\partial a_0} + \frac{\partial E_2}{\partial a_0} \right) \times \frac{\partial a_{(0)}}{\partial z_0} \times \frac{\partial z_{(0)}}{\partial w_{(0)}}$ $\frac{\partial E_2}{\partial \alpha_0} = \frac{\partial E_2}{\partial \alpha_0} \times \frac{\partial \alpha_0}{\partial E_{21}} \times \frac{\partial E_{21}}{\partial \alpha_0}$ = - $(torset_{Y_2} - \Omega_{21}) * Jismild (Z_{21}) * (1 - Sismild (Z_{21}))$ = - (0.9 - 0.693) * 0.633 * 0.5= (0.9 - 0.693) * 0.633 * 0.5

THE SEE STEE STEEL!!