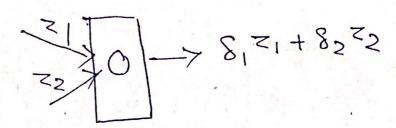


## OUTPUT NODE



True y

Desgicting 8151+8555

$$L098 = \left[ 9 - (8121 + 8222) \right] = d$$

$$\frac{dd}{ds_{3}} = 2 \left[ 8, 3, + 8, 2, -9 \right]$$

we need to update was wew,

$$\frac{\partial \Omega}{\partial w_{11}} = \frac{\partial \Omega}{\partial z_{1}} \frac{\partial Z_{1}}{\partial w_{11}}$$

$$\frac{\partial Z_{1}}{\partial z_{1}} = X_{1}$$

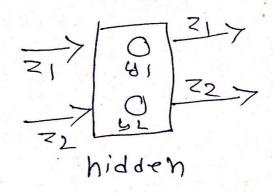
$$\frac{\partial Z_{1}}{\partial w_{11}} = X_{1}$$

$$\frac{\partial$$

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$$0 \rightarrow 0083 1$$
  
 $1 \rightarrow 0083 2$ 

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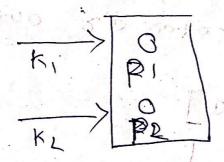


$$Z_{1} = \omega_{11} \times_{1} + \omega_{12} \times_{2}$$

$$Z_{2} = \omega_{21} \times_{1} + \omega_{22} \times_{2}$$

$$Z_{1} = \begin{bmatrix} \omega_{11} & \omega_{12} \\ \omega_{21} & \omega_{21} \end{bmatrix} \begin{bmatrix} x_{1} \\ x_{21} \end{bmatrix}$$

Out but NODE :



700+079=81121+81272=K1

Einouy apply soft max

OUT BUT NODE

1033 Enverior