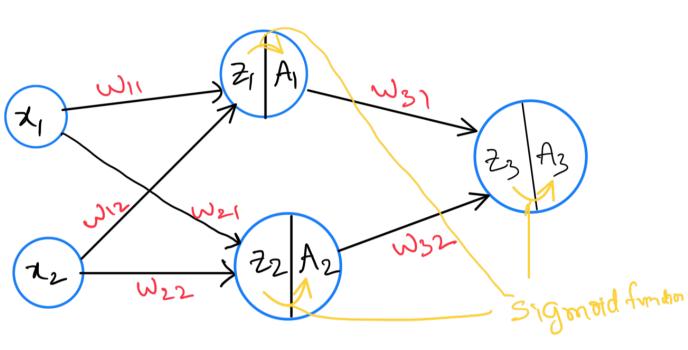
Backpoolageton

O example

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O example wide.



$$Z_1 = \chi_1 \, \omega_{11} + \chi_2 \, \omega_{12}$$

 $A1 = \sigma(Z_1) = \frac{1}{1 + e^{-Z_1}}$

$$72 = 71, W_{21} + 72W_{22}$$

$$A2 = 5(72) = \frac{1}{1 + e^{-\frac{7}{2}}}$$

$$23 = A_1 W_{31} + A_2 W_{32}$$

Predicted $= A_3 = -(73) = \frac{1}{1+e^{-73}}$

Comparing i.e. cresors

E = \frac{1}{2} (A_3 - Y_t)

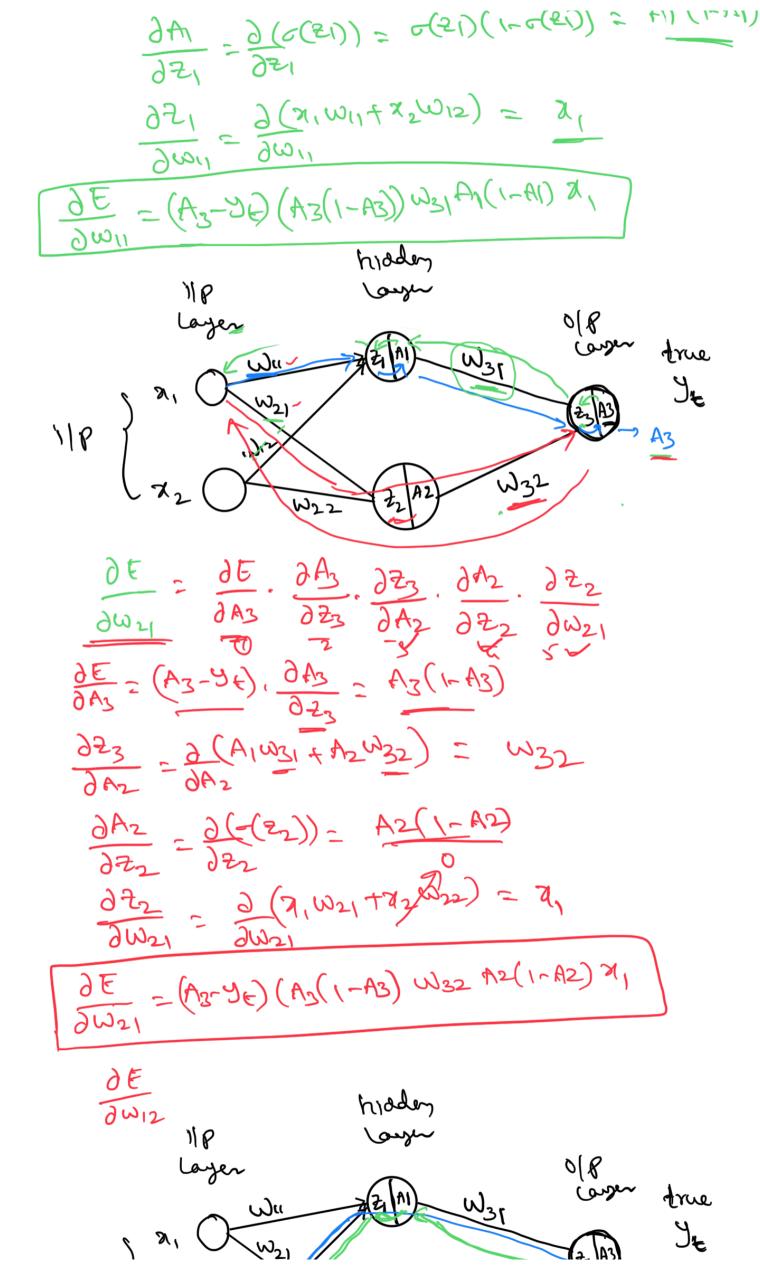
anedicted force

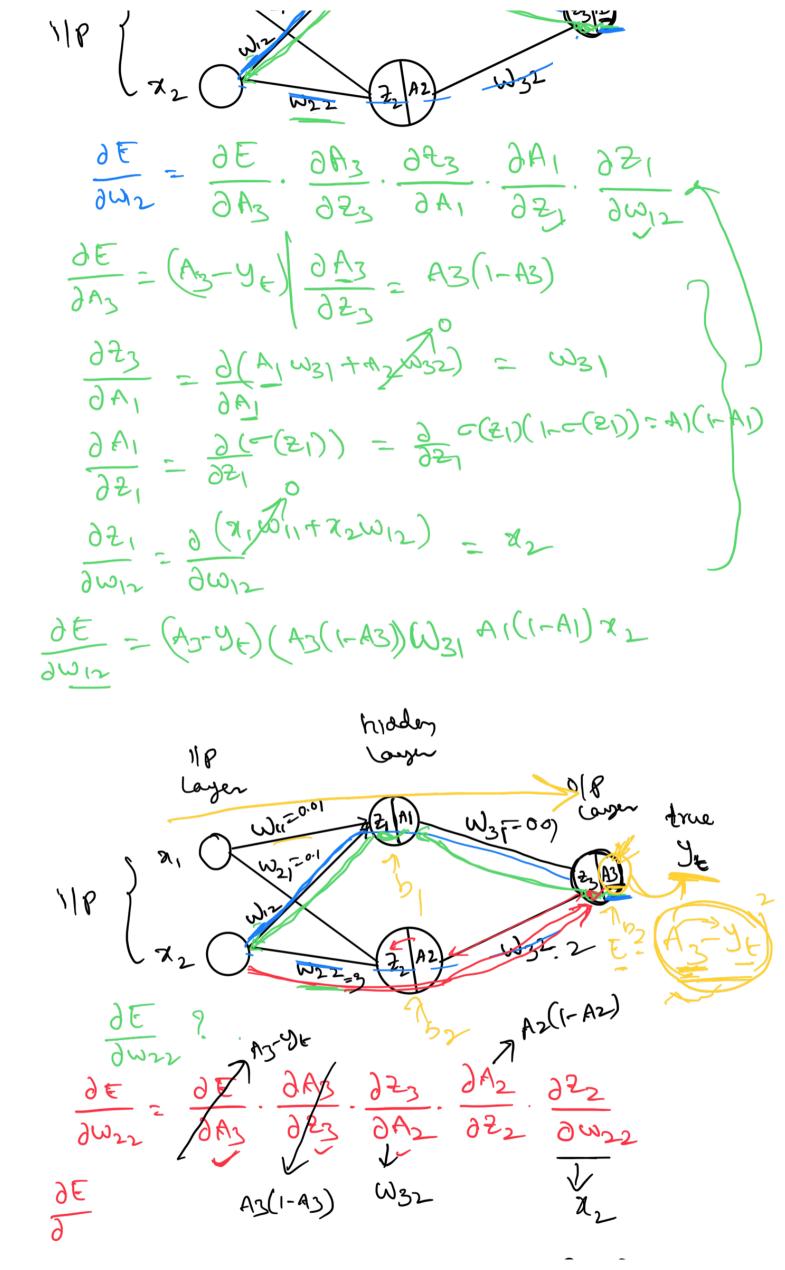
We s

XI WII JEI AI) W

$$\frac{\partial E}{\partial w_{S1}} = \frac{\partial E}{\partial A_{S}} \cdot \frac{\partial A_{S}}{\partial z_{2}} \cdot \frac{\partial Z_{S}}{\partial w_{S1}} - \frac{\partial E}{\partial A_{S}} \cdot \frac{\partial E}{\partial z_{2}} \cdot \frac{\partial E}{\partial w_{S1}} - \frac{\partial E}{\partial A_{S}} \cdot \frac{\partial E}{\partial z_{2}} \cdot \frac{\partial E}{\partial w_{S1}} - \frac{\partial E}{\partial A_{S}} \cdot \frac{\partial E}{\partial z_{2}} \cdot \frac{\partial E}{\partial z_{2}}$$

$$\frac{\partial A_2}{\partial t_3} = \frac{\partial}{\partial t_2} \left(\frac{\partial}{\partial t_3} \right) = \frac{\partial}{\partial t_3} \left(\frac{\partial}{\partial t_3} \right) = \frac{\partial}{\partial t_3$$





DE - (A3-4E) (A3(1-A3)) Wsz. A2(1-A2), X2

W21 - W21 - W21 - W22 -