

Transble Parimeter

$$b_1 = (3 \times 3)$$
:  $b_2 = 4$  =  $(3 \times 3)$ :  $b_1 = (1 \times 1)$  =  $(3 \times 3)$ :  $b_2 = 1$  =  $(15)$ 

$$\Rightarrow \frac{3+38-5}{5}+1$$

$$\Rightarrow \frac{6+2\times0-3}{1}+1$$

$$\Rightarrow \frac{6-3+1}{1}=\frac{4}{1}$$

$$Z_{1} = (6hv(x_{1}(\omega_{1})) + b_{1}) \qquad f = flethen(P_{1})$$

$$R_{1} = Relu(Z_{1}) \qquad Z_{2} = (\omega_{2})f + b_{2}$$

$$R_{1} = manPul(P_{1}) \qquad A_{2} = \sigma(Z_{2})$$

$$\left\{\frac{d^{2}}{dw}\right\}$$

rate of change

rate of change at the Particular Porms -

$$\left(\begin{array}{cccc}
\frac{\partial L}{\partial \omega_{2}} &=& \frac{\partial L}{\partial \omega_{1}} \times \frac{\partial A_{2}}{\partial \omega_{2}} \times \frac{\partial Z_{2}}{\partial \omega_{2}}
\right) \Rightarrow \left[\begin{array}{cccc}
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\frac{\partial L}{\partial \omega_{1}} &=& \frac{\partial L}{\partial \omega_{1}} \times$$

$$\left[\frac{9r}{3r} = \frac{3u^{5}}{3r} \times \frac{9x^{5}}{3u^{5}} \times \frac{3x}{3u^{5}} \times \frac{3x}{3u^{$$

(changele eq. writ to the weight which will take during

Sequential API