$$E^{(0)}(\underline{w}^{(1)}, \overline{b}^{(1)}, \underline{w}^{(2)}, \overline{b}^{(2)}) = (\overline{x}^{(0)}, \overline{y}^{(0)})^{2} = (\overline{x}^{(0)}, \overline{y}^{(0)}, \overline{b}^{(2)}) = (\overline{x}^{(0)}, \overline{y}^{(0)})^{2} = (\overline{x}^{(0)}, \overline{y}^{(0)}, \overline{y}^{(0)}) = (\overline{x}^{(0)}, \overline{y}^{(0)}, \overline{y}^{(0)})^{2} + (\overline{x}^{(0)}, \overline{y}^{(0)}, \overline{y}^{(0)})^{2}$$

$$9^{X_{(0)}^{o}} \in (0) = 5(X_{(0)}^{o} - A_{(0)}^{o})$$

$$\partial_{x_{1}^{(c)}} \mathcal{E}^{(c)} = 2(x_{1}^{(c)} - y_{1}^{(c)})$$

4) change to a(L)

La drange to a(L)

$$Z_{o}^{(1)} = W_{0,0}^{(1)} \alpha_{o}^{(1-1)} + W_{0,1}^{(1)} \alpha_{1}^{(1-1)} + b_{0}^{(1)}$$

 $= \left(\sigma\left(w_{0,0}^{(2)} \alpha_{0}^{(4)} + \ldots\right) - y_{0}^{(6)}\right)^{2} + \left(\sigma\left(w_{4,0}^{(2)} \alpha_{0}^{(4)} + \ldots\right) - y_{0}^{(6)}\right)^{2}$

How much should a (1) change? We know how much × (2) and 2 (2) should change

$$\Xi^{(0)} = (\chi_0^{(0)} - \chi_0^{(0)})^2 + (\chi_1^{(0)} - \chi_1^{(0)})^2 = (\alpha_0^{(2)} - \chi_0^{(0)})^2 + (\alpha_1^{(2)} - \chi_1^{(0)})^2 \\
= (\sigma(\Xi_0^{(2)}) - \chi_0^{(0)})^2 + (\sigma(\Xi_1^{(2)}) - \chi_1^{(0)})^2$$

$$\mathcal{O}_{Q(A)} \mathcal{E}^{(C)} = \Delta_{O}^{(A)} \cdot W_{O(O)}^{(2)} + \Delta_{A}^{(2)} \cdot W_{O(A)}^{(2)} = \Delta_{O(A)}^{(2)} \cdot W_{O(A)}^{(2)} = \Delta_{O(A)}^{(2)} \cdot W_{O(A)}^{(2)}$$