

$$\frac{\partial E}{\partial w_{11}^{(l)}} = \delta_1^{(l)} z_1^{(l-1)}$$

$$h(a_1^{(l)}) = z_1^{(l)}$$

$$\sum_{i=1}^2 w_{1i}^{(l)} z_i^{(l-1)} =$$

$$a_1^{(l)}$$

$$\delta_1^{(l)} = h'(a_1^{(l)}) \sum_{k=1}^2 w_{k1}^{(l+1)} \delta_k^{(l+1)}$$

$$\frac{\partial E}{\partial w_{12}^{(l)}} = \delta_1^{(l)} z_2^{(l-1)}$$

$$h(a_1^{(l)}) = z_1^{(l)}$$