## EXAMPLE1

J

$$a = 0; \sum_{i=0}^{n} n$$

$$a_j^l = \sigma \left( \sum_k w_{jk}^l a_k^{l-1} + b_j^l 
ight)$$

$$\sum_{i=1}^{\infty} a_i^n \mid \text{text}$$

$$\begin{split} \delta_j^l &= \frac{\delta C}{\delta z_j^l} \\ &= \sum_k \frac{\delta C}{\delta z_k^{l+1}} \frac{\delta z_k^{l+1}}{\delta z_j^L} \\ &= \sum_k \frac{\delta z_k^{l+1}}{\delta z_j^l} \delta_k^{l+1} \end{split}$$