誤

$$\frac{\partial a_h^{(l+1)}}{\partial a_j^{(l)}} = \sum_j w_{hj}\sigma_l{}'(a_j^{(l)})$$

正

$$\frac{\partial a_h^{(l+1)}}{\partial a_j^{(l)}} = w_{hj}\sigma_l{}'(a_j^{(l)})$$

$$\frac{\partial E_k}{\partial a_j^{(l)}} = \sum_h \frac{\partial E_k}{\partial a_h^{(l+1)}}\sum_j w_{hj}\sigma_l{}'(a_j^{(l)})$$

$$\frac{\partial E_k}{\partial a_j^{(l)}} = \sum_h \frac{\partial E_k}{\partial a_h^{(l+1)}}w_{hj}\sigma_l{}'(a_j^{(l)})$$