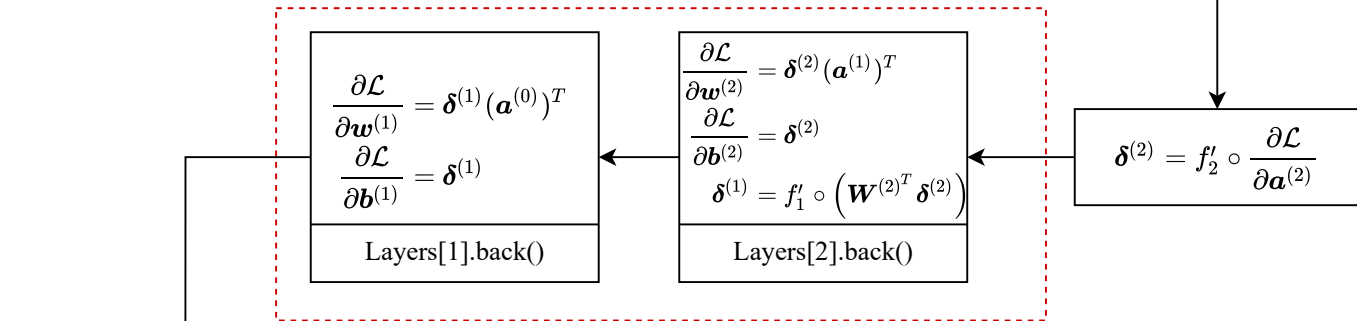
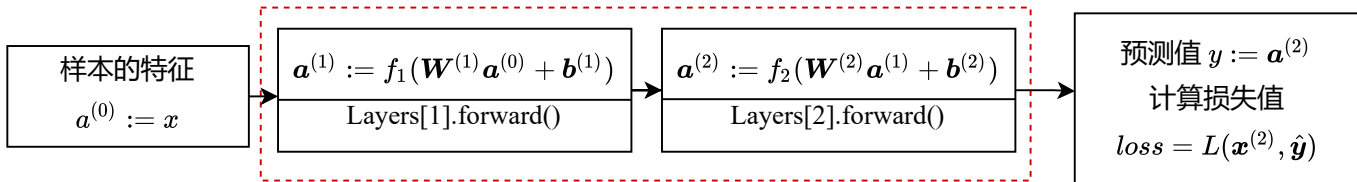


propagation 过程 (以一个2 层网络为例)

前向传递



反向传递

返回  $\nabla \mathcal{L} = \left[ \frac{\partial \mathcal{L}}{\partial \mathbf{w}^{(1)}}, \frac{\partial \mathcal{L}}{\partial \mathbf{b}^{(1)}}, \frac{\partial \mathcal{L}}{\partial \mathbf{w}^{(2)}}, \frac{\partial \mathcal{L}}{\partial \mathbf{b}^{(2)}} \right]$ , 预测值  $\hat{\mathbf{y}}$ , 损失值  $loss$