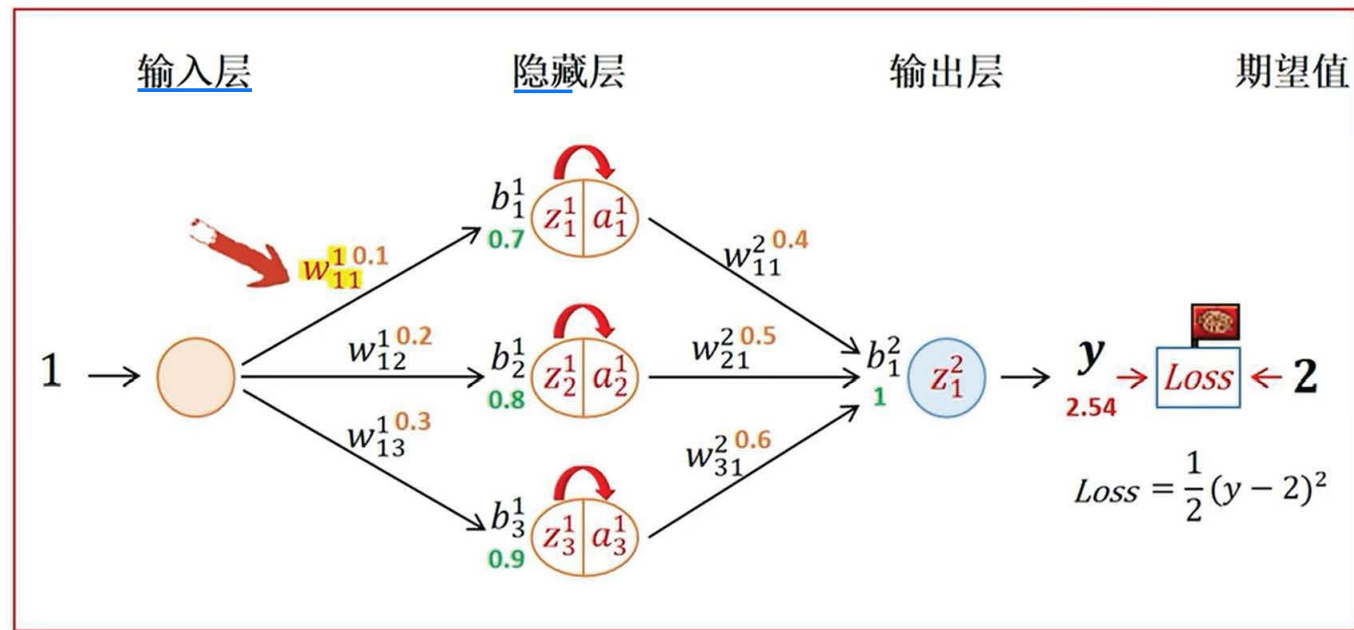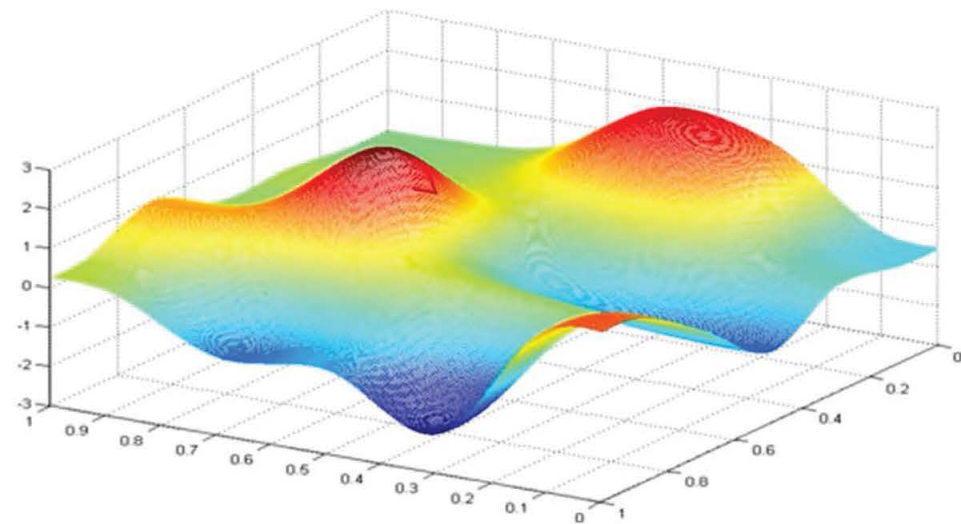$$0 = \frac{\partial Loss}{\partial y}\frac{\partial y}{\partial z_1^2}\frac{\partial z_1^2}{\partial a_1^1}\frac{\partial a_1^1}{\partial z_1^1}\frac{\partial z_1^1}{\partial w_{11}^1}$$

$$w_{11}^1 = w_{11}^1 - \alpha\, 0$$

梯度消失

输入层　　　　　隐藏层　　　　　输出层　　　　　期望值

$$\frac{\partial Loss}{\partial w_{11}^1} = \frac{\partial Loss}{\partial y}\frac{\partial y}{\partial z_1^2}\frac{\partial z_1^2}{\partial a_1^1}\frac{\partial a_1^1}{\partial z_1^1}\frac{\partial z_1^1}{\partial w_{11}^1}$$
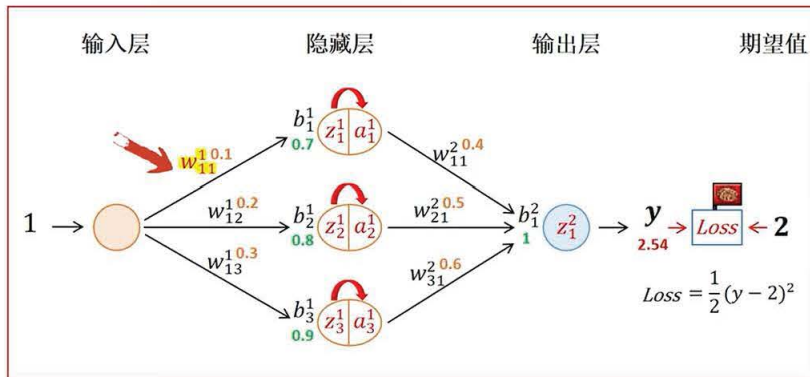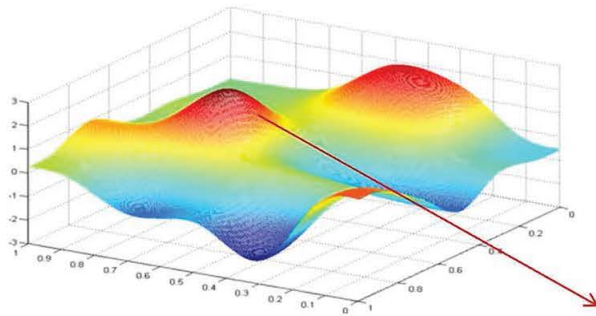
$$NaN = w_{11}^1 - \alpha\frac{\partial Loss}{\partial w_{11}^1}$$

梯度消失　　　　　　梯度爆炸