

经过激选还数:

$$h_1 = \frac{1}{1 + e^{-0.3775}} = 0.5932$$

$$h_2 = \frac{1}{1 + e^{-0.3925}} = 0.5968$$

$$O_1 = \frac{1}{1 + e^{-1.1059}} = 0.7513$$

三、反白传播(更新叔里)长偏导

$$\frac{3E}{2W_{5}} = \frac{3E}{20_{1}} \times \frac{20_{1}}{2W_{5}} \times \frac{220_{1}}{2W_{5}}$$

$$E = \frac{1}{2} (0.01 - 0.1)^{2} + \frac{1}{2} (0.99 - 0.2)^{2}$$

$$\frac{2E}{20_1} = -60.01 - 00) = 0, -0.01 = 0.7413.$$

$$O_1 = \frac{1}{1+e^{-20_1}} = (1+e^{-(h_1 \times W_5 + h_2 \times W_6 + 0.6)})^{-1}$$

$$\frac{201}{2^{20}} = 0, \times (1-0.) = 0.7513 \times (1-0.7513) = 0.1868.$$

$$\frac{2201}{2w5} = h_1 = 0.5932$$
.  $\frac{2E}{2w5} = 0.7413 \times 0.1868 \times 0.5932$ .  $= 0.0821$ 

$$W_5^{\dagger} = W_5 - y \times \frac{2E}{2w_5} = .0.4 - 0.5 \times 0.0821 = 0.3589$$

$$1212 W_6^{\dagger} = 0.4086.$$

$$w_7^{\dagger} = 0.5113$$

$$w_8^{\dagger} = 0.5613.$$

$$\frac{\partial E}{\partial v} = \frac{\partial E}{\partial h_{1}} \times \frac{\partial h_{1}}{\partial h_{1}}$$

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$$\frac{2h_{1}}{2h_{1}} = \frac{1}{2h_{1}} h_{1} \times (1-h_{1}) = 0.2413. \quad \text{PIZA}.$$

$$\frac{2h_{1}}{2h_{1}} = 21 = 0.05.$$

$$\frac{2h_{1}}{2w_{1}} = 21 = 0.05.$$

$$w_{1}^{+} = 0.2497$$

$$w_{4}^{+} = 0.2995.$$

$$\frac{2E}{2w_1} = 0.0563 \times 0.2413 + 0.05 = 0.0004.$$