反向传播算法 (MN) at= o(21)= o(What+b1) J(W,b,x,y) = = 2112-4112 拨对第1层补输的分析梯度为♂~ $\delta^L = \frac{\partial J}{\partial z^L} = (\alpha^L y) \partial \delta'(z^L)$ $\frac{1}{2} \cdot \frac{\partial J}{\partial W} = \frac{\partial J}{\partial z} \cdot \frac{\partial z^{l}}{\partial W} = \left[(\alpha^{l} y) \partial \theta(z^{l}) \right] (\alpha^{l} y)^{T}$ 37 = 37 32h = (a -y) O 8'(Z) Pr = 35/4 = (3x/4) 1 35/4) = W(+) a1+b1+) $\begin{aligned} \xi_{f} &= \left(\frac{\Im \, \underline{s}_{f}}{\Im \, \underline{s}_{f, H}}\right)_{\perp} \frac{\Im \, \underline{s}_{f, H}}{\Im \, \underline{1}} \\ &= M_{f, H} \, \varrho \left(\, \underline{s}_{f}\right) + \beta_{f, H} \end{aligned}$ = $[W^{l+1}diag(6(24))]^{T}\delta^{l+1}$ = diag(o'(z4)(W1+) { SL+1 = (W1+1) - 61+1 0 6'(Z1) 3 July = 37 28/ OW = 51 (alt) 31 = St 使用交叉熵 拨张无数 $S^{L} = \frac{\partial J}{\partial z_{L}} = -y \frac{1}{a} (aL) (raH + (Hy)) \frac{1}{rac} (aL) (raL)$ 没有36'(云)