

1055 + L1 数制主 图影

minma (New 1.55)

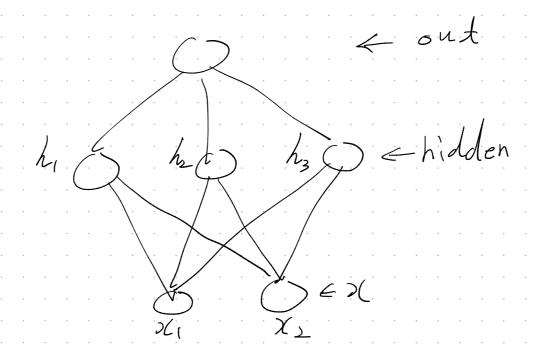
minma
$$(w_0 + w_1 x_1 + w_2 x_2 + w_3 x_3 + w_4 x_4 + l_1)$$

minma $(z(wx) + \lambda zw)$
 $\lambda z = 3x + w_2 x_3 + w_4 x_4 + l_1)$
 $\lambda z = 3x + w_2 x_3 + w_4 x_4 + k_1$

minma $(w - \lambda (w_0 + w_1 x_1 + w_2 x_2 + w_3 x_4 + w_4 x_4) + \lambda w)$
 $\lambda z = 3x + w_2 x_4 + w_4 x_4 + k_1$
 $\lambda z = 3x + w_4 x_4 + k_2 x_4 + k_3 x_4 + k_4 x_4 + k_1$
 $\lambda z = 3x + w_4 x_4 + k_4 x_4 + k_4 x_4 + k_1$
 $\lambda z = 3x + w_4 x_4 + k_4 x_4 + k_4 x_4 + k_1$
 $\lambda z = 3x + w_4 x_4 + k_4 x_4 + k_4 x_4 + k_1$
 $\lambda z = 3x + w_4 x_4 + k_4 x_4 + k_4 x_4 + k_1$
 $\lambda z = 3x + w_4 x_4 + k_4 x_4 + k_4$

$$\left(\frac{13}{12}\log + \lambda w\right) \Rightarrow \ell_1$$

$$\left(\frac{13}{12}\log + \lambda w^2\right) \Rightarrow \ell_2$$



$$\chi = \begin{bmatrix} \chi_1 \\ \chi_2 \end{bmatrix} \quad h = \begin{bmatrix} h_1 \\ h_2 \\ -h_3 \end{bmatrix}$$

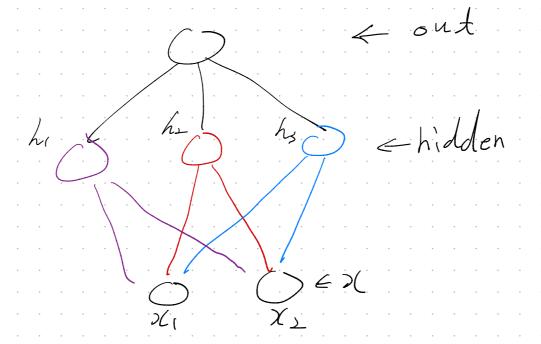
$$W = \begin{bmatrix} W_{11} & W_{12} & W_{13} \\ W_{21} & W_{22} & W_{23} \end{bmatrix}$$

$$z = \chi \neq \text{index}$$

$$j = h \neq \text{index}$$

$$\chi^T W = \lambda$$

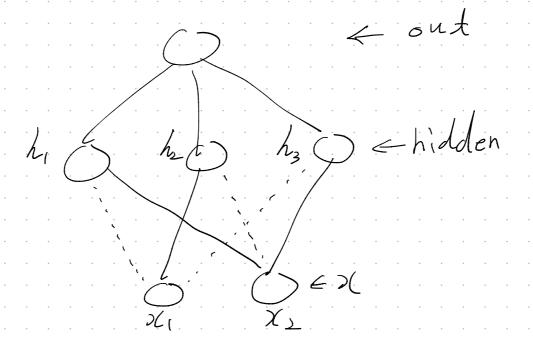
$$[\chi_{i} \chi_{i}] \begin{bmatrix} W_{i1} & W_{i2} & W_{i3} \\ W_{21} & W_{22} & W_{23} \end{bmatrix} = \begin{bmatrix} h_{i} \\ h_{2} \\ -h_{3} \end{bmatrix}$$



drop

$$[\chi_{i} \chi_{2}] \begin{bmatrix} w_{i1} & w_{i2} & w_{i3} \\ w_{21} & w_{22} & w_{33} \end{bmatrix} = \begin{bmatrix} h_{i} \\ h_{2} \\ h_{3} \end{bmatrix}$$

Connection



$$\begin{bmatrix} X_{1} & X_{2} \end{bmatrix} \begin{bmatrix} O & W_{12} & O \\ W_{21} & O & W_{23} \end{bmatrix} = \begin{bmatrix} h_{1} \\ h_{2} \\ -h_{3} \end{bmatrix}$$

$$\begin{bmatrix} W_{11} & W_{12} & W_{13} \\ W_{21} & W_{22} & W_{23} \end{bmatrix}$$

