$$= \int (x+qx) = \int (x) + \int (x) dx$$

$$= \int (x+qx) - \int (x) = \int (x) dx$$

2번원의 전반 A

$$\angle (u+du,v) = \angle (u,v) + L_n(u,v)du$$

$$L(u+du,v+dv)-L(u,v)=Lu(u,v)du+Lr(u,v)dv$$

Lol 母 婚妻 未出五到

$$\begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} \xrightarrow{\qquad \qquad } \begin{bmatrix} u_1 \\ u_2 \end{bmatrix} \xrightarrow{\qquad } \begin{bmatrix} L \\ L \end{bmatrix}$$

题: 人是个, 马逊题实亡?

姚砂水心地

$$\frac{\partial L}{\partial \chi_{i}} = \frac{\partial L}{\partial u_{i}} \frac{\partial u_{i}}{\partial \chi_{i}} + \frac{\partial L}{\partial u_{2}} \frac{\partial u_{2}}{\partial \chi_{i}} \frac{\partial u_{2}}{\partial \chi_{i}}$$
(i=1,2,3)

加岭

$$pf$$
) $f(x)+f(-x)=\frac{1}{1+exp(-x)}+\frac{1}{1+exp(x)}$

$$= \frac{1}{|+\exp(-x)|} + \frac{\exp(-x)}{(|+\exp(x)|\exp(-x)|}$$

$$= \frac{1}{1+exp(-x)} + \frac{exp(-x)}{1+exp(-x)}$$

$$= \frac{1 + \exp(-x)}{1 + \exp(-x)} = 1$$

$$\frac{1}{2}(f(x)+f(-x))=\frac{1}{2}$$

·小鸡片鲜哦

$$V = 1 + exp(-x)$$

$$\frac{dy}{dx} = \frac{dy}{du} \cdot \frac{du}{dx} = \frac{dy}{dx} \cdot \frac{du}{dx}$$

$$= -1 \cdot \exp(v)$$

$$= \left(\frac{1}{y}\right)' \cdot - \exp(-x) = -\exp(-x)$$

$$= -\frac{1}{4\pi}$$
, $-\exp(-x)$

$$= \frac{\exp(-x)}{(1+\exp(-x))^2} = \frac{1+\exp(-x)-1}{(1+\exp(-x))^2} = \frac{1}{(1+\exp(-x))^2} = \frac{1}{(1+\exp(-x))^2} = \frac{1}{(1+\exp(-x))^2}$$

$$\begin{cases} y_1 = \underbrace{\exp(X_1)}_{\exp(X_2)} \\ y_2 = \underbrace{\exp(X_2)}_{\Re(X_1, Y_2, X_3)} \\ y_3 = \underbrace{\exp(X_2)}_{\Re(X_1, Y_2, X_3)} \\ = \underbrace{\exp(X_3)}_{\Re(X_1, Y_2, X_3)} \\ = \underbrace{\exp(X_3)}_{\Re(X_1, Y_2, X_3)}$$

$$\frac{\partial y_1}{\partial x_1} = \frac{\exp(x_1)}{\exp(x_1)} \cdot g - \exp(x_1) \cdot gx_1$$

$$=\frac{\exp(x_1)}{g}\cdot\frac{g-\exp(x_1)}{g}=\exp(x_1)\left(1-\frac{\exp(x_1)}{g}\left(1-\frac{\exp(x_1)}{g}\right)\right)=y_1\left(1-y_1\right)$$

$$y_2 = \frac{e_{XP}(X_2)}{g(X_1 X_2 X_3)} + e_{XP}$$

$$\frac{\partial \mathcal{Y}_2}{\partial \mathcal{X}_1} = \frac{\mathcal{G} \cdot h(\mathcal{X}_2)_{\mathcal{Z}_1} - h(\mathcal{X}_2) \cdot \mathcal{I}_{\mathcal{X}_1}}{g^2} = \frac{g \cdot O - h(\mathcal{X}_2) \cdot h(\mathcal{X}_1)}{g^2}$$

$$= - \frac{h(x_2) \cdot h(x_1)}{g^2}$$

$$= -\frac{h(x_2)}{g} \cdot \frac{h(x_1)}{g} = -y_2 \cdot y_1$$

$$\frac{\partial y_i}{\partial x_i} = \int_{-y_i y_i}^{y_i(1-y_i)} (i=i)$$