$$/, \quad \alpha = h(s) = \frac{1}{\frac{2}{m-1}} e^{sm} \begin{bmatrix} e^{s}, \\ \vdots \\ e^{sm} \end{bmatrix}$$

$$(= -\sum_{\tau=1}^{n} y_{\tau} | n\alpha_{\tau}$$

$$\dot{A} = \frac{\partial h(c)}{\partial s} = \begin{bmatrix} \frac{\partial \alpha_1}{\partial s} & & \frac{\partial s_m}{\partial s} \\ & & & \\$$

$$\dot{A} = \frac{\partial h(c)}{\partial S} = \begin{bmatrix} \frac{\partial a_1}{\partial S_1} & \frac{\partial a_2}{\partial S_2} \\ \frac{\partial a_1}{\partial S_2} & \frac{\partial a_2}{\partial S_2} \end{bmatrix}$$

$$\frac{\partial}{\partial a_{1}} / n (a_{1}) = \frac{1}{a_{1}} = \frac{\partial}{\partial s_{2}} / n (a_{2}) = \frac{\partial}{\partial s_{3}} / n (a_{2}) = \frac{\partial}{\partial s_{3}}$$

$$\frac{d}{da_{1}} / n (a_{1}) = \frac{1}{a_{1}} = \frac{1}{a_{2}} / n (a_{3}) = \frac{1}{a_{1}} \frac{da_{1}}{ds_{3}}$$

$$\frac{\partial a_{7}}{\partial s_{7}} / n (\alpha_{7}) = \frac{1}{\alpha_{7}} = \frac{1}{\alpha_{7}} \frac{\partial \alpha_{7}}{\partial s_{7}}$$

$$\frac{\partial a_{7}}{\partial s_{7}} = a_{7} \frac{\partial}{\partial s_{7}} / n (\alpha_{7}) = \frac{1}{\alpha_{7}} \frac{\partial \alpha_{7}}{\partial s_{7}}$$

$$= s_{7} - / n \left(\frac{e^{S_{7}}}{\sum_{n=1}^{\infty} e^{S_{n}}} \right)$$

$$\frac{1}{1} \left(n \left(\alpha_{1} \right) = \frac{1}{\alpha_{1}} - \frac{1}{\alpha_{2}} \right)$$

$$= \alpha_{1} \frac{3}{3 \epsilon_{3}} \left| n \left(\alpha_{1} \right) \right|,$$

$$= S_{1} - \ln\left(\frac{2}{2}e^{Sm}\right)$$

$$= S_{1} - \ln\left(\frac{2}{2}e^{Sm}\right) \cdot \frac{\partial S_{1}}{\partial S_{2}} = \left\{\begin{array}{c} 1 \cdot 1 = 1 \\ 0 \cdot 1 = 1 \end{array}\right\}$$

$$\frac{9}{9} \log (\omega^{-1}) = 1 \{ 1 = \underline{1} \} - \frac{96^{2}}{9} \ln \left(\frac{2}{2} e_{2}^{rr} \right)^{-1}$$

$$= |\{i=j\} - \frac{1}{\sum_{m=1}^{\infty} e^{S_m}} \left(\frac{\partial S_j}{\partial S_j} \right) = |\{i=j\} - \alpha_j$$

$$= |\{i=j\} - \left(\frac{1}{\sum_{m=1}^{\infty} e^{S_m}} \cdot e^{S_j} \right) = |\{i=j\} - \alpha_j$$

$$\frac{\partial a_1}{\partial a_2} = a_1(18i = 3 - a_2)$$

$$\frac{\partial C}{\partial a_{7}} = \alpha_{7} \left(\left[\left\{ i = i \right\} - \alpha_{7} \right] \right)$$

$$\frac{\partial C}{\partial a_{7}} = -\frac{\partial}{\partial a_{5}} \sum_{i=1}^{m} y_{7} \ln (a_{7}) = -\frac{\sum_{i=1}^{m} y_{7}}{i} \frac{\partial}{\partial a_{5}} \ln (a_{7}) = -\frac{\sum_{i=1}^{m} y_{7}}{i} \frac{1}{a_{7}} \left\{ i = i \right\}$$

$$\frac{1}{\frac{1}{2}} e^{S_{1}} \left(\frac{\partial S_{3}}{\partial S_{3}} \right)$$

S= [α, 4, - 4, ξ, =,]] + = α, 4,

= a5 = y - - y = Since y is one hot shot = y = 1 - . S= a - y