$$\frac{\partial}{\partial y_{\tau}} = -\frac{1}{y_{\tau}} \qquad (t_{\tau} = 1)$$

$$\lim_{t \to \infty} t_{m \neq \tau} = 0$$

$$\frac{\partial y_{1}}{\partial z_{k}} = \frac{\partial y_{k}}{\partial z_{k}} = \frac{\partial z_{k}}{\partial z_{k}} \left( \frac{e^{z_{k}}}{z_{k}} \right)$$

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$$\frac{2767}{32k} = \frac{\partial}{\partial Z_{K}} \left( \frac{e^{Z_{T}}}{Z_{K}} \right)$$

(3). 
$$\forall t_{k=1}, (7=k)$$

$$= \left( \mathcal{J}_{K} - 1 \right)$$

$$\frac{\partial}{\partial t_{k}} = 0$$

$$\frac{\partial}{\partial t_{k}$$

$$= \frac{3}{2}k$$

$$= \frac{3}{2}k - 0$$

$$= \frac{3}{2}k - tk$$

$$(4) \frac{\partial L_{2k}}{\partial W} = \chi.$$

$$=\left(\frac{1}{2}\kappa^{-1}+\epsilon_{\kappa}\right).$$