

g = a [2]

WZZ

$$\frac{\partial}{\partial x} \left[\frac{e^{2} - e^{-2}}{e^{2} + e^{-2}} \right] = \frac{(e^{2} + e^{-2})(e^{2} + e^{-2}) - (e^{2} - e^{-2})(e^{2} - e^{-2})}{(c^{2} + e^{-2})^{2}}$$

$$\frac{(e^{2} + e^{-2})^{2} - \left[\frac{(e^{2} - e^{-2})}{(e^{2} + e^{-2})^{2}} \right]^{2} - \left[-\frac{(e^{2} - e^{-2})}{(e^{2} + e^{-2})^{2}} \right] = \left[-\frac{1}{1 + \frac{1}{2}} \right]^{2}$$

$$\frac{e^{2}-e^{2}}{e^{2}+e^{2}} = \frac{(e^{2}+e^{2})(e^{2}+e^{2})}{(e^{2}+e^{2})^{2}}$$

$$\frac{JJ}{Ja^{[2]}} = \frac{2}{Ja^{[2]}} - \left[y \log (a^{[2]}) + (1-y) \log (+a^{[2]}) \right] = \left[\frac{a^{(2)} - y}{q^{(2)} (1-q^{(2)})} \right] \\
= \frac{2J}{2z^{[2]}} = \frac{2J}{Ja^{[2]}} \cdot \frac{2a^{[2]}}{Ja^{[2]}} = \frac{a^{[2]} - y}{q^{[2]} (1-q^{[2]})} \cdot \frac{q^{[2]}}{q^{[2]}} - \frac{q^{[2]} - y}{q^{[2]} (1-q^{[2]})} = \frac{q^{[2]} - y}{q^{[2]} (1-q^{[2]})} = \frac{q^{[2]} - y}{q^{[2]} (1-q^{[2]})}$$

$$\frac{q^{\epsilon i}}{q^{\epsilon i}} = q^{\epsilon i} - q^{\epsilon i}$$

$$\frac{2J}{2W^2} = \frac{2J}{2a^{(1)}} \cdot \frac{2a^{(1)}}{2z^{(1)}} \cdot \frac{2z^{(2)}}{2W^{(2)}} = dz_2 \cdot q = 0 \quad \text{and} \quad dz_2 \quad A^{(1)}$$

$$\frac{2z^{(2)}}{2W^2} = \frac{2}{2W^2} \left[W^{(2)} a^{(1)} + b^{(2)} \right] = a^{(1)}$$

$$\frac{2J}{2W^2} = dz_2 \cdot \frac{2z^{(2)}}{2W^2} = dz_2 \quad \Rightarrow \text{Np. Sum}(dz_2 \mid axis=1)$$

$$\frac{2J}{2U^2} = 1$$

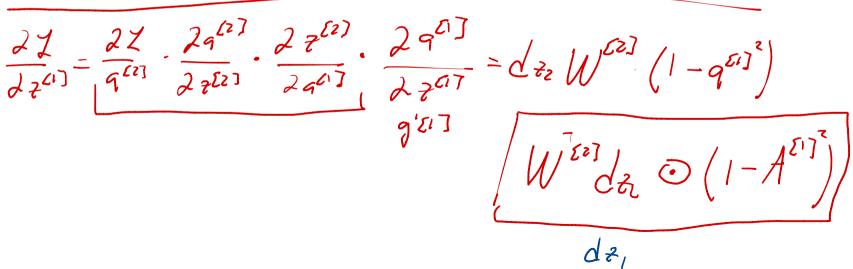
a [2] = 9 (2] (7 (2)

5 EEJ WELL 211 + P ESJ

$$\frac{2\chi}{2a^{\Omega_1}} = \frac{2\chi}{2a^{\Omega_1}} \cdot \frac{\chi}{2a^{\Omega_1}} \cdot \frac{\chi}{2a^{\Omega_1}} \cdot \frac{\chi}{2a^{\Omega_1}} = d_{z_2} W^{\epsilon_{21}}$$

$$\frac{2z^{\epsilon_2}}{2a^{\Omega_1}} = 2\int_{2a^{\Omega_1}} W^{\epsilon_{21}} q^{\Omega_1} + b^{\epsilon_{21}} = W^{\epsilon_{21}}$$

$$\frac{2}{2a^{\Omega_1}} = \frac{2}{2a^{\Omega_1}} \cdot \frac{\chi}{2a^{\Omega_1}} \cdot \frac{\chi}{2a^{\Omega_1}} = d_{z_2} W^{\epsilon_{21}}$$



$$\frac{\partial f}{\partial w^{01}} = \frac{227}{4^{01}} \cdot \frac{24^{01}}{24^{01}} \cdot \frac{27^{01}}{24^{01}} \cdot \frac{27^{01}}{24^{01}} \cdot \frac{27^{01}}{24^{01}} \cdot \frac{27^{01}}{24^{01}} \cdot \frac{27^{01}}{24^{01}} \cdot \frac{27^{01}}{24^{01}} = dz_1 q^{01}$$

$$\frac{27^{01}}{2w^{01}} = 2 \sum_{i} w^{01} q^{01} + 3^{01} = q^{01}$$

$$\frac{27^{01}}{2w^{01}} = dz_1 \frac{27^{01}}{23^{01}} = dz_1$$

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1 7 50 =

£= W 9 (0) + B (1)