911111/1 Sujul

$$\frac{\partial h_{t}}{\partial V} = h_{t-1} + V \cdot \frac{\partial h_{t-1}}{\partial V} \rightarrow \frac{\partial h_{3}}{\partial V} = h_{2} + V \int h_{1} = \frac{2}{3}$$

$$\frac{\partial h_{t}}{\partial V} = \frac{\partial Relu(z)}{\partial V} \cdot \left(V \cdot \frac{\partial h_{t-1}}{\partial W} + \lambda_{t} \right) \rightarrow \frac{\partial h_{3}}{\partial W} = \frac{V \cdot \lambda_{2} + \lambda_{3}^{2}}{2} = 1$$

$$\frac{\partial h_{t}}{\partial V} = \frac{\partial Relu(z_{t})}{\partial V} \cdot \left(V \cdot \frac{\partial h_{t-1}}{\partial W} + W \cdot \delta_{t} \right) \rightarrow \frac{\partial h_{3}}{\partial V} = \frac{V \cdot \lambda_{2} + \lambda_{3}^{2}}{2} = 1$$

$$\frac{\partial h_{t}}{\partial V} = \frac{\partial Relu(z_{t})}{\partial V} \cdot \left(V \cdot \frac{\partial h_{t-1}}{\partial W} + W \cdot \delta_{t} \right) \rightarrow \frac{\partial h_{3}}{\partial V} = \frac{\partial h_{3}}{\partial V} + \frac{\partial h_{3}}{\partial V} = \frac{\partial h_{3}}{\partial V} = \frac{\partial h_{3}}{\partial V} + \frac{\partial h_{3}}{\partial V} = \frac{\partial h_{3}}{\partial V} + \frac{\partial h_{3}}{\partial V} = \frac{\partial h_{3}}{\partial V} = \frac{\partial h_{3}}{\partial V} + \frac{\partial h_{3}}{\partial V} = \frac{\partial h_{3}}{\partial$$

$$\frac{1}{3} \frac{3h_3}{3} = 0$$