

$$\theta = \text{config. of parameters} = (W, b) \quad \text{Slicle 36}$$

$$T(\theta) = \frac{1}{N} \sum_{i=1}^{N} \frac{1}{1} \frac{(i)}{N} = \frac{1}{N} \sum_{i=1}^{N} \frac{1}{1} \frac{(y(x^i), \theta)}{y(x^i)}, \text{ total: Linear Biggers}$$

$$\frac{\partial \mathcal{J}}{\partial \theta} = \frac{1}{N} \sum_{i=1}^{N} \frac{\partial \mathcal{J}^{(i)}}{\partial \theta} = \frac{1}{N} \sum_{i=1}^{N} \sum_{i=1}^{N} \frac{\partial \mathcal{J}^{(i)}}{\partial \theta} = \frac{1}{N} \sum_{i=1}^{N} \frac{\partial \mathcal{J$$