$$f_{\theta}(x) = \sum_{i=1}^{M} \alpha_{i} \alpha_{i} \sigma(\alpha_{i} \omega_{i} \cdot x)$$

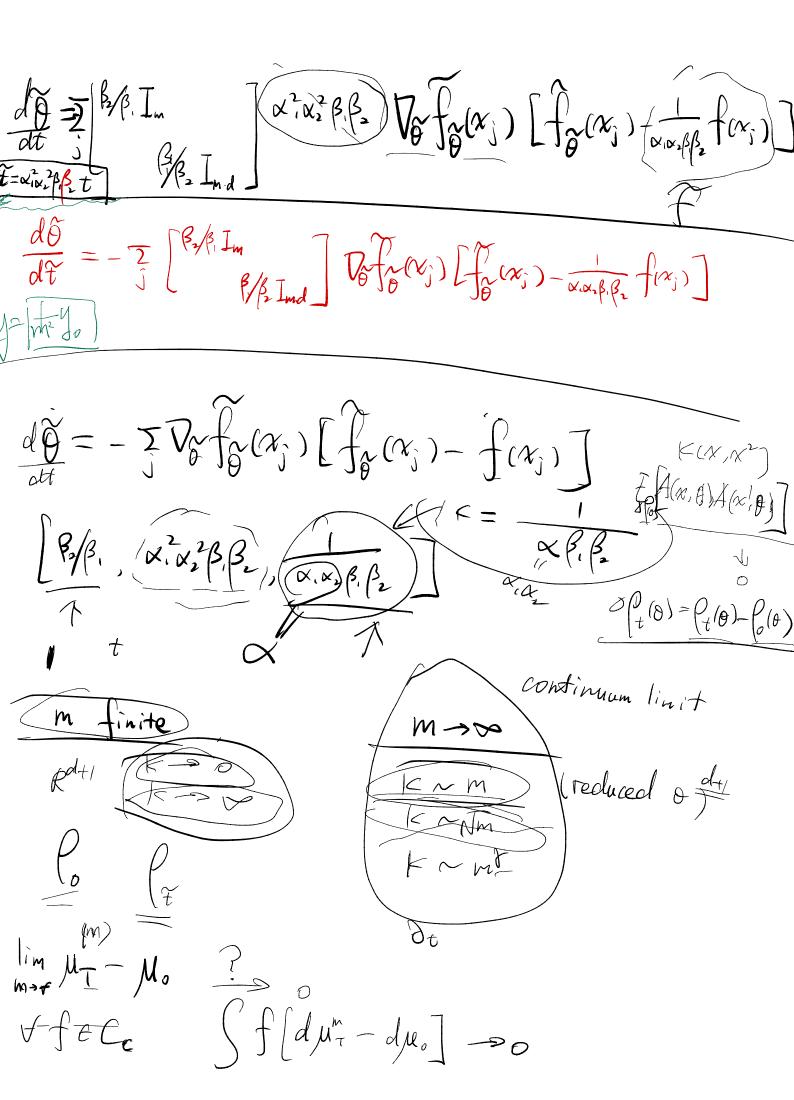
$$\alpha_{i}(0) \sim N(0, \beta_{i}^{2})$$

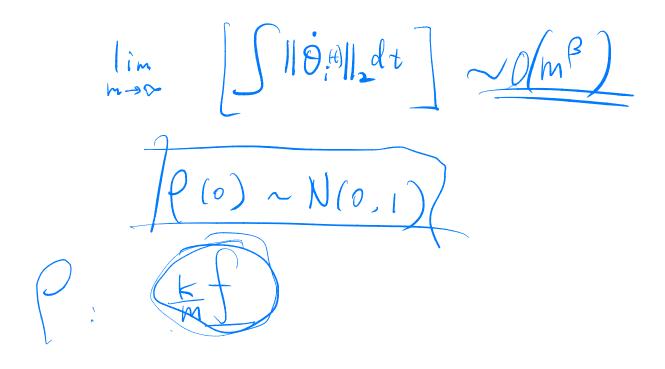
$$\beta_{\theta}(x) = \sum_{i=1}^{M} \alpha_{i} \beta_{i} \alpha_{i} \sigma(\alpha_{i} \beta_{i} \omega_{i} \cdot x)$$

$$= \alpha_{i} \alpha_{i} \beta_{i} \alpha_{i} \sigma(\alpha_{i} \beta_{i} \omega_{i} \cdot x)$$

$$= \alpha_{i} \alpha_{i} \beta_{i} \beta_{i} \alpha_{i} \sigma(\alpha_{i} \beta_{i} \omega_{i} \cdot x)$$

$$f_{\theta}(x)$$





21)
$$\chi = m^8$$

$$f_{\sigma}(x) = \frac{1}{2} \frac{2}{2} \alpha_i \delta(w_i x + b_i)$$

$$\alpha_i \cdot w_i, \ b_i \sim \mathcal{N}(0, i)$$

$$22 \qquad Q = (\alpha_i, w_i, b_i) \qquad GD$$

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 $\left(\left| V \right| \right|_{2} = \sqrt{2} V^{2}$

Given tolerance

Give Max epochs To the leavy rate y= yo precision should be apport same Then mis large

Guers: S=1, S>1 S=1 S=1 S=1 S=1 S=1 S=1 S=1 S=1