SERIES DE TAYLOR

$$B_{r}(\Lambda_{0}) = \left\{ X \in S_{ALinA} \middle| || X_{0} - X| \le r \right\}$$

$$f(X) = \left\{ X \in S_{ALinA} \middle| || X_{0} - X| \le r \right\}$$

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$$f(x) = \sum_{i=0}^{\infty} f^{(i)}(x_0)(x-x_0)^i$$

$$f(x) = e^{x}$$

$$\frac{i}{(i)} = e^{x} = e^{x} = e^{x} = e^{x}$$

$$f^{(i)}(0) = 1 = 1 = 1$$

$$\frac{f^{(i)}(0)}{i!} = \frac{1}{1!} = \frac{1}{2!} = \frac{1}{4!}$$

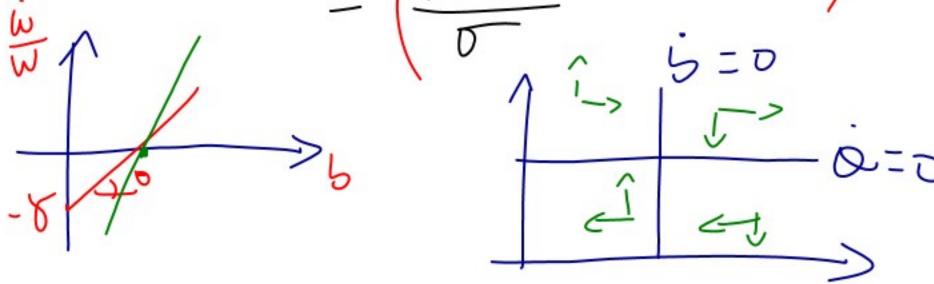
$$e^{x} = \sum_{i=0}^{\infty} f^{(i)}(x_{0})(x-x_{0})^{i}$$

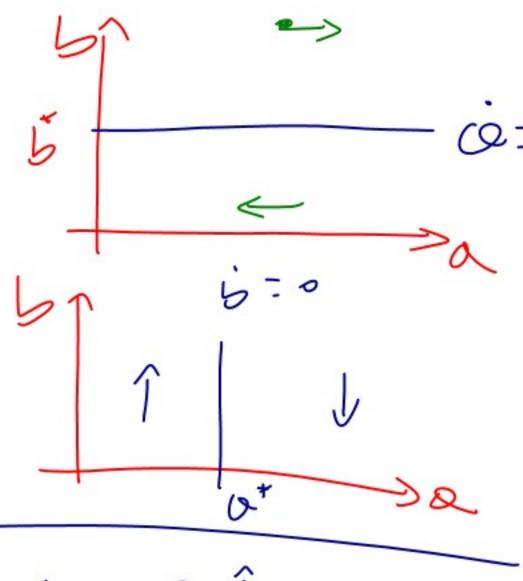
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$$\frac{1}{2} = \left(\frac{1-\alpha}{2} - \hat{x} - \hat{m}\right)$$





$$| \vec{b} = \frac{5 + \hat{\lambda}}{9}
 | \vec{c} = \frac{1 - \delta(\hat{\lambda} + \hat{m})}{1 - \delta(\hat{\lambda} + \hat{m})}$$

$$\dot{Q} = (-8 + 0 - \hat{\alpha})Q$$
 $\dot{b} = (1 - \alpha - \hat{\alpha} - \hat{\alpha})b$

$$\begin{pmatrix} -8+66-2 & 2 & 2 \\ -\frac{5}{5} & \frac{1-2}{5}-2 & -2 & -2 \\ \frac{5-5}{5} \end{pmatrix}$$

$$\begin{pmatrix} \dot{x} \\ \dot{y} \end{pmatrix} = A \begin{pmatrix} x \\ y \end{pmatrix}$$

$$\frac{i \mid 0 \quad 1 \quad 2 \quad 3}{SEN(X)} = \frac{5}{SEN(X)} = \frac{5$$