

$$\frac{dv_{c}}{dt} = \frac{1}{c} \quad V_{c(t)} = \frac{1}{c} \int i \cdot dt$$

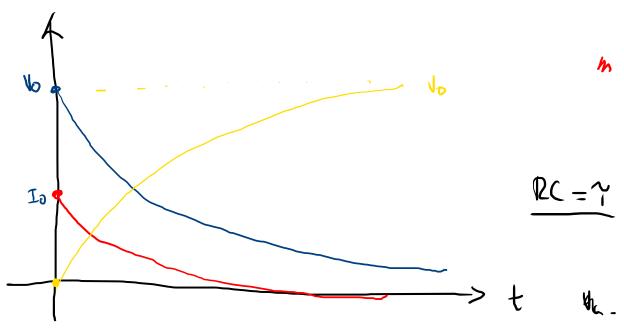
$$\Rightarrow \quad \Rightarrow \quad \Rightarrow \quad e^{\times}$$

$$i = c \cdot \frac{dv}{dt}$$

$$\frac{\forall o = iR + \frac{1}{C} \int i dt}{\sqrt{1 + \frac{1}{C}}}$$

$$\emptyset = R \cdot di + \frac{1}{C} \cdot (t)$$

$$V_c = \frac{1}{c} \int_c^t \int_$$



$$V_{c} = V_{0} \left(1 - e^{-\frac{1}{2c}} \right)$$

$$V_{0} \left(1 - e^{-\frac{1}{2$$

