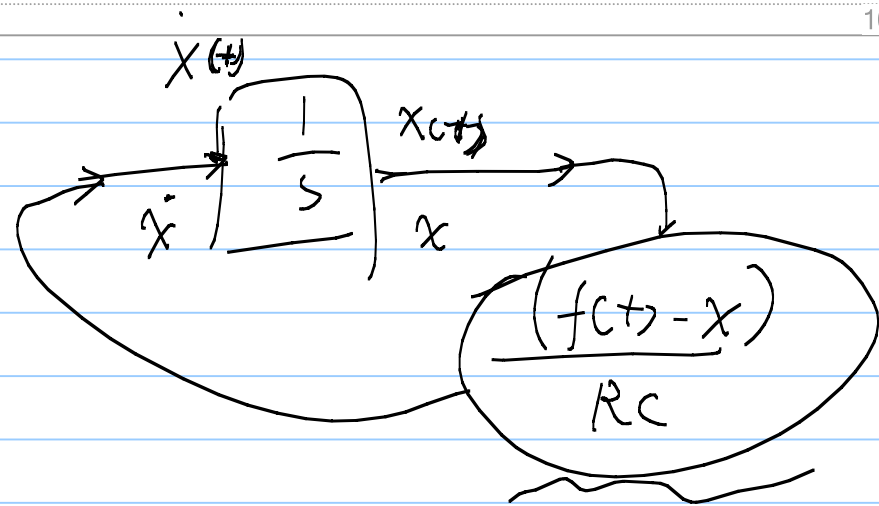
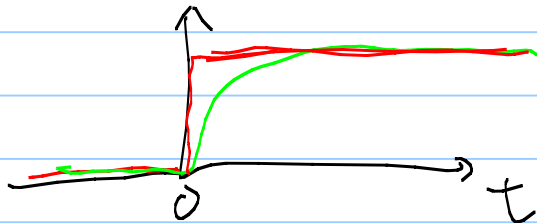


$$\dot{x} = \frac{1}{RC} [f(t) - x]$$



$f(t)$: step function



$$x(0) = 0$$

$$\frac{dI(t)}{dt} = \frac{\eta}{\Omega} I(t) \cdot [N - I(t)]$$

$$I(0) = S ;$$

