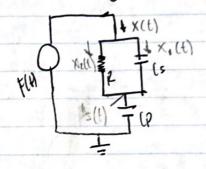
Circuito electrico

$$\frac{\chi(t)}{\chi(t)} = \frac{\chi(t)}{\chi(t)} = \frac{\chi(t)}{\chi(t)$$

Función de transferencia

Analisis apagando Fo



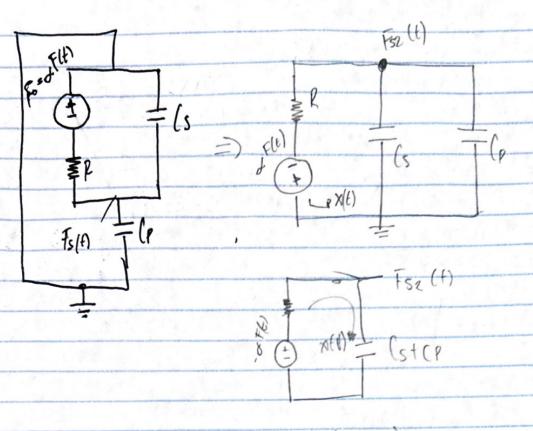
$$X_2 = \underbrace{f(t) - f_S(t)}_{\varrho}$$

$$\frac{\text{Cp d fs(t)}}{\text{dt}} = \text{Cs d [f(t)-fs(t)]} + \frac{\text{F(t)-fs(t)}}{\text{R}}$$

$$CpSf_{S}(S) = CSS[F(S)-F_{S}(S)] + f(S)-F_{S}(S)$$

 $CpSf_{S}(S) = CSS[F(S)-F_{S}(S)] + f(S)-F_{S}(S)$
 $CpSf_{S}(S) = CSS[F(S)-F_{S}(S)] + f(S)-F_{S}(S)$

$$(cps + (sst \frac{1}{2}) + sis) = (csst \frac{1}{2}) + sis)$$



$$RX(t) + \left(s + (p) \times t \right) = -\alpha F(t)$$

$$-\alpha F(t) = R \times (t) + \frac{1}{c_{p} + c_{s}} \int x(t) dt$$

$$+ s(t) = \frac{1}{c_{s} + c_{p}} \int x(t) dt$$

$$\frac{\times (s)}{+s(s)} = \frac{\times (s)}{(sS+(p(s)))}$$

$$\frac{\times (s)}{+s(s)} = \frac{\times (s)}{(sS+(p(s)))}$$

2x(5)(15S+(PB)) + X5

RX(S)CSS+RX(S)(PS+X(S) (sS+CPS

$$\frac{\chi(s)}{(sS+(pS))} = \frac{\chi(s)}{(sS+(pS)+\chi(s)(pS+\chi(s))}$$

$$\frac{\chi(s)}{(sS+(pS))} = \frac{\chi(s)}{(sS+(pS)+\chi(s))}$$

$$\frac{\chi(s)}{(sS+(pS))} = \frac{\chi(s)}{(sS+(pS)+\chi(s))}$$

 $\frac{F_{S} = -R((s+(p)s+1))}{L((s+(p)s)} \times (s)$ $\frac{F_{S}(s) = -R((s+(p)s+1))}{R((s+(p)s+1))}$

FS (8) (525+1-2 FS 2((P+(s))5+1

tstabilidad

$$X = -\frac{1}{2(cp+cs)}$$