

Chroloten ist

C'us d'agnet circuit et d'amplificador analògic - si nover for

us del mode A.D = o d'inversor si ho externe a SAT à TALC.

Aix Tuo funcionon's Cal Su-sr-+ 7. Suls l'entral

120°C -> (- 2~Um-7. S~V) * Amplificacis -> ~ 15 -20% - (7.5mV-7.5mV) x A-plificoc/--~ OV

Aixt el diagranda Blocs Es

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{4}$$

$$R_{5}$$

$$R_{6}$$

$$R_{6}$$

$$R_{5}$$

$$R_{6}$$

$$R_{6}$$

$$R_{7}$$

$$R_{8}$$

$$R_{6}$$

$$R_{7}$$

$$R_{8}$$

$$R_{1}$$

$$R_{1}$$

$$R_{1}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{1}$$

$$R_{2}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{2}$$

$$R_{3}$$

$$R_{4}$$

$$R_{2}$$

$$R_{2}$$

$$R_{3}$$

$$R_{4}$$

$$R_{5}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{2}$$

$$R_{3}$$

$$R_{4}$$

$$R_{5}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{1}$$

$$R_{7}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{5}$$

$$R_{7}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{7}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{7}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

Condicions
$$\frac{R_c}{R_S} = 105$$

$$\frac{R_4}{3802 + R_4} \frac{R_1 + R_2}{R_1} = 1$$

$$\frac{R_2}{R_1} = 1$$

$$\begin{array}{c|c} L_{S} & A & \stackrel{\longleftarrow}{\leftarrow} S \\ \hline U_{i}(S) & \stackrel{\longleftarrow}{\geq} R & \stackrel{\longleftarrow}{\geq} L_{S} & A \\ \hline U_{i}(S) & \stackrel{\longleftarrow}{\geq} R & \stackrel{\longleftarrow}{\geq} L_{S} & A \\ \hline U_{i}(S) & \stackrel{\longleftarrow}{\geq} R & \stackrel{\longleftarrow}{\geq} L_{S} & A \\ \hline \end{array}$$

$$T(s) = \frac{V_{2}(s)}{V_{i}(s)} \Big|_{CI=0} = \frac{I_{R}R}{V_{i}(s)} = \frac{V_{AZ_{i}}R}{V_{i}(s)} = \frac{V_{CS}}{(Ls+2z)} \frac{2z}{V_{i}(s)} \frac{R}{2z}$$

$$Ou \quad Z_{1} = R + V_{CS} \quad i \quad Z_{2} = \frac{2z}{R+2z} = \frac{R^{2} + R_{CS}}{2R + V_{CS}} = \frac{R^{2}(s+R)}{2R(s+1)}$$

$$T(s) = \frac{R^2 cs + R}{2 R \cdot cs + 1} R = \frac{R^2 cs + R}{2 R \cdot cs + 1} R$$

$$= \frac{Ls + \frac{R^2 cs + R}{2 R cs + 1}}{(Ls + \frac{R^2 cs + R}{2 R cs + 1})(R + 1/cs)} = \frac{Ls(2 R cs + 1) + R^2 cs + R}{2 R cs + 1} (R + 1/cs)$$

$$= \frac{R^{2} cs}{2RLcs^{2} + (L+R^{2}c)s + R+out} = T(s)$$

2 partir d'agus es trobe pols i zeros, es roustrucia el diagran.

$$V_{2}(t) = d^{-1}\left(T(s) V_{1}(s)\right)$$

$$S: V_{1}(t) = Sin(wt) \longrightarrow V_{1}(s) = \frac{w}{S^{2}+w^{2}}$$

$$S: V_{1}(t) = u(t) \longrightarrow V_{1}(s) = \frac{1}{s}$$