Encontre los valores que satisfacen el dipolo.

$$Z(s) = \frac{s^2+10s+24}{s^2+12s+20} = \frac{(s+4)(s+6)}{(s+2)(s+10)}$$

Retro de torque RC:

$$\lim_{s\to -2} \frac{(s+4)(s+6)}{(s+2)(s+10)} = \lim_{s\to -2} \frac{k_0}{s+2} \rightarrow RC$$

$$\rightarrow k_0 = 1.$$

$$Z(s) = Z_A(s) + Z_B(s).$$

$$Z(s) = Z_A(s) + \frac{1}{s+2}.$$

$$\rightarrow Z_A(s) = \frac{(s+4)(s+6)}{(s+2)(s+10)} - \frac{1}{s+2}.$$

$$Z_A(s) = \frac{s^2+10s+24-s-10}{(s+2)(s+10)} = \frac{s^2+9s+14}{(s+2)(s+10)}.$$

$$Z_A(s) = \frac{(s+2)(s+7)}{(s+2)(s+10)} = \frac{s+7}{s+10}.$$

$$\lim_{s\to 0} Z_A(s) = k_0 = \frac{7}{10} \rightarrow R$$

$$\lim_{s\to -10} Z_A(s) = \frac{2k_0 s}{s+10} \rightarrow 2k_0 = \frac{3}{10} \rightarrow LR.$$

$\therefore \quad R_1 = 7/10.$

$$\frac{R_2 S}{\frac{R_2}{L_1} + S} = \frac{3/105}{S+10} \rightarrow \begin{matrix} R_2 = 3/10. \\ L_1 = 3/100. \end{matrix}$$

$$\frac{1/C_1}{S + \frac{1}{R_3 C_1}} = \frac{1}{S+2} \rightarrow \begin{matrix} C_1 = 1 \\ R_3 = 1/2. \end{matrix}$$