$$Y_{11} = \frac{I_1}{V_1}\Big|_{V_2 = 0} = \frac{3S(S^2 + 7/3)}{(S^2 + 2)(S^2 + 5)}$$
 $Y_{21} = \frac{I_2}{V_1}\Big|_{V_2 = 0} = \frac{S(S^2 + 1)}{(S^2 + 2)(S^2 + 5)}$

$$\frac{7}{2}$$
 \times 0 \times 0 \times 0 \times

$$\frac{1}{|Y_{11}|} = \frac{(S^2+2)(S^2+5)}{3S(S^2+7/3)} \qquad \frac{1}{|Y_{11}|} - \frac{1}{|S^2|} = 0$$

$$C_1 = \frac{y_{(1)}}{S} \Big|_{S^2 = -1} = \frac{3(-1+7|3)}{(-1+2)(-1+5)} = \frac{1}{2}$$

$$Z_{2} = \frac{1}{\beta_{11}} - \frac{1}{50} = \frac{5^{4} + 75^{2} + 10 - 3(5^{2} + 7/3)}{35(5^{2} + 7/3)} = \frac{5^{4} + 45^{2} + 3}{35(5^{2} + 7/3)}$$

$$\frac{1}{(S^2+1)(S^2+7/3)}$$

$$\lim_{S^{2}\to -1} \frac{2k_{3}\cdot S}{S^{2}+1} = \lim_{S^{2}\to -1} Y_{2} \to 2k_{3} = \lim_{S^{2}\to -1} Y_{22} \left(\frac{S^{2}+1}{S}\right)$$

$$2k_{3} = \frac{3(s^{2}+713)}{s^{2}+3} \Big|_{s^{2}+1} = \frac{4}{2} = 2 \rightarrow \frac{7k_{3}\cdot s}{s^{2}+1} : \gamma \rightarrow L_{3} = \frac{1}{2k_{3}} \quad c_{3} = 2k_{3} \rightarrow L_{3} = \frac{1}{2} \quad c_{3} = 2$$

$$y_{4} = \frac{3S^{3}+7S-2S\left(S^{2}+3\right)}{\left(S^{2}+1\right)\left(S^{2}+3\right)} = \frac{S^{3}+S}{\left(S^{2}+1\right)\left(S^{2}+3\right)} = \frac{S}{S^{2}+3} \longrightarrow \forall y_{4} = \frac{S^{2}+3}{S} = S+\frac{3}{S} \longrightarrow \exists z_{5} = 1 \quad C_{7} = \frac{1}{3}$$

$$T_{1} = \begin{pmatrix} 1 & 1/s \\ 0 & 1 \end{pmatrix} \qquad T_{2} = \begin{pmatrix} 1 & 0 \\ \frac{1}{2} + \frac{1}{2s} & 1 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ \frac{2s}{s^{2}+1} & 1 \end{pmatrix} \qquad T_{3} = \begin{pmatrix} 1 & s + \frac{13}{3} \\ 0 & 1 \end{pmatrix} = \begin{pmatrix} 1 & \frac{s^{2}+3}{3} \\ 0 & 1 \end{pmatrix}$$

Comproboción:
$$T_{1} = \begin{pmatrix} 1 & 1/s \\ 0 & 1 \end{pmatrix} \quad T_{2} = \begin{pmatrix} 1 & 0 \\ \frac{1}{5} + \frac{1}{2s} & 1 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ \frac{2s}{5^{2}+1} & 1 \end{pmatrix} \quad T_{3} = \begin{pmatrix} 1 & s + \frac{1}{3} \\ 0 & 1 \end{pmatrix} = \begin{pmatrix} 1 & s + \frac{1}{3} \\ 0 & 1 \end{pmatrix}$$

$$T_{23} = \begin{pmatrix} 1 & 1/s \\ 0 & 1 \end{pmatrix} \quad T_{23} = \begin{pmatrix} 1/s \\ 0 & 1 \end{pmatrix} \quad T_$$

$$T_{23} = \begin{cases} \frac{1}{2} & \frac{3S^2 + 3}{S} \\ \frac{S^2 + 1}{S^2 + 1} & \frac{S^2 + 1}{S^2 + 1} \end{cases}$$

T:
$$\begin{cases} V_4 = AV_2 + B(-I_2) \\ I_4 = CV_2 + D(-I_2) \end{cases}$$

$$y_{21} = \frac{1}{B}$$
 (coincide con la cond de medición

$$T_{23} = \begin{cases} 1 & \frac{s^{2}+3}{s} \\ \frac{2s}{s^{2}+1} & \frac{3s^{2}+7}{s^{2}+1} \end{cases}$$

$$T : \begin{cases} V_{1} = AV_{2} + B(I_{2}) & Y_{21} = \frac{1}{B} \text{ (coincide con la cond. de medición)} \\ B = 1 \cdot \frac{s^{2}+3}{s} + \frac{1}{s} \cdot \frac{3s^{2}+7}{s^{2}+1} = \frac{(s^{2}+3)(s^{2}+1) + 3s^{2}+7}{s(s^{2}+1)} = \frac{s^{4}+7s^{2}+10}{s(s^{2}+1)}$$

$$= \frac{(s^{2}+2)(s^{2}+5)}{s(s^{2}+1)}$$

$$=$$
 $\frac{1}{B} = \frac{S(S^2+1)}{(S^2+2)(S^2+5)}$ - Se cuple le troust solicitado con el cuadripolo propuesto.