Tores Sevand 13

del TP 6661

$$\sqrt{|S|} = \frac{15}{5^3 + 65^2 + 155 + 15} = 521$$

$$|S_{21}|^{2} = \frac{15}{S^{3} + 6S^{2} + 15S + 15} = \frac{15}{(-5)^{3} + 6(-5)^{2} + 15(-5) + 15}$$

$$-S^{3} + 6S^{2} - 15S + 15$$

$$-S^{3} + 6S^{2} - 15S + 15$$

-5+68+155+185 +-65+365+905-1554 + 905-22552+2255-1853+9052-2255+225

-56+6.54-455²+225

Polos de Pess +2,20320266±1,3665413j) Polos de QUA

 $|S_{11}|^{2} + |S_{21}|^{2} = 1$ \Rightarrow $|S_{11}|^{2} = 1 - |S_{21}|^{2} / (\pm 1.83309155 \pm 1.80692 + 57)$

1511 = -5 + 6.54 - 45.52 + 225 - 225 - 5 + 6.54 - 45.53 -56+654-45.52+225

(-5°+6.54-45.5728

Buscando los roices nos quedanes con

 $S_{11} = \frac{S^3 + 275. S^2 + 676. S}{5^3 + 65^2 + 15. S + 15}$

 $Z = \frac{S_{11}+1}{1-S_{11}}$

TSB 2

$$S_{11(s)} = P_{ss} + P_{ss} = S(s^2 + 2.2, 2.5 + 2, 2^2 + 1,36^2)$$

Redonderados dos decimal

$$SH \neq S = \frac{5(S^2 + 4,45 + 6,25)}{5^3 + 6,075^2 + 12,66.5 + 15,88}$$

$$Z(SH-1) = -R_1 - SH-R_1 \Rightarrow Z = -R_{01} - SH-R_{01}$$

Can Rot = I_{SR}

$$Z = \frac{5(5^{2} + 4,45 + 6,25) + 5^{3} + 6,075^{2} + 12,665 + 15,88}{5^{3} + 6,075^{2} + 12,665 + 15,88}$$

$$Z = \frac{5^{3} + 6,075^{2} + 12,665 + 15,88 - 5^{3} - 4,45^{2} - 6,25,5}{5^{3} + 6,075^{2} + 12,665 + 15,88}$$

Z= 253 + 10,47,52 + 18,915 + 15,88

1,62.52+ 6,41.5+15,88

Si redordeross nos quedo

Z= 25+10.52+195+16 252+ 65+16

: Aplicanto Cour tueros

- 253+1052+195+16 [252+65+16 - 253+6552+165 5 25+6\$+16 452+35+16 452+35+6 9/5+8 9/25+8 [-37/85+16 No sa punda por Fatto de decina $\frac{16 + 195 + 105 + 25^{3}}{16 + 6.5 + 25^{2}} \frac{16 + 6.5 + 25^{2}}{16 + 129.5 + \frac{32}{13}.5} \frac{135 + 85^{2} + 25^{3}}{16/3 \cdot \frac{1}{3}}$