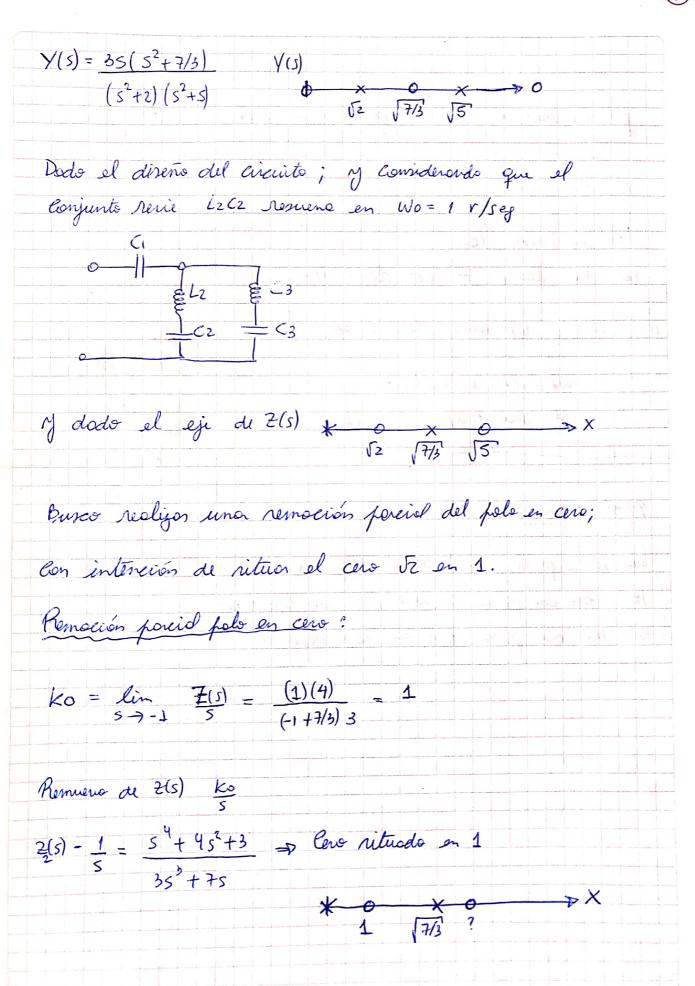
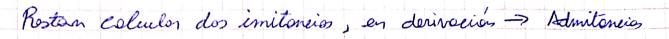


The Arthur Arthur
metodo Foster II (Sinksis de Adm)
$V(s) = \frac{5(s^2+2)}{(s^2+1)(s^2+3)} \Rightarrow \frac{2k_1s}{s^2+1} + \frac{2k_2s}{s^2+3}$
$2k_1 = \lim_{s \to D-1} \frac{Y(s)}{s} \frac{(s^2+1)}{s} = \frac{(s^2+2)}{(s^2+3)} \Big _{s^2=-1} = \frac{1}{2}$
2kis _p 1 =D
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$2k2 = lim$ $5^{2} \rightarrow -3$ $5 (5^{2} + 3) = D (5^{2} + 2)   5^{2} = -3$ $5 (5^{2} + 1)   5^{2} = -3$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$







## Remiero el pale en 53

$$2k_2 = \lim_{S^2 \to -3} \frac{(S^2 + 3) \cdot y_2(s)}{s} = \frac{-(2)}{-(2)} = 1$$

$$V_3(s) = V_2(s) - S = Z_5 = (s^2 + 3) = S^2 + 1$$

€ 1/2