TAREA SEMANAL IB

$$\frac{|Y|| = \frac{J2}{V_1} \left| \frac{3\$ (\$^2 + 7/3)}{(\$^2 + 2)(\$^2 + 5)} \right| + \frac{|Y||}{|V||} \frac{|Y||}{|V||} = \frac{\$ (\$^2 + 1)}{(\$^2 + 2)(\$^2 + 5)}$$

=> Planteo y 11, y veo dende fuiro forzar las genocionos par hongar los Z''

1 VZ V7/3 VS

Parcial YA ample on the Parcial y dep al o impuesto en 1

$$\frac{\$^{4} + 7\$^{2} + 10}{3\$ (\$^{2} + 7/3)} - \frac{ko}{\$} \bigg| = \varphi$$

$$\$ = j\omega = j$$

$$\$^{4} + 7\$^{2} + 1\phi - 3ko\$^{2} - 7ko = \phi$$

$$\int_{0}^{4} + (7 - 3ko)j^{2} + 10 - 7ko = \phi$$

$$\int_{0}^{4} - (7 - 3ko) + 10 - 7ko = \phi$$

$$11 = 7 - 3ko + 7ko$$

$$Q = 4 k0 \Rightarrow k0$$

$$\sqrt{7/3} \sqrt{3} = 0$$

$$j \omega$$

$$\frac{\$^{4}+7\$^{2}+10}{3\$(\$^{2}+7/3)}=\frac{1}{\$}$$

$$\frac{\$^{4}+7\$^{2}+(\omega-3\$^{2}-7)}{3\$(\$^{2}+7/3)}$$

$$ZC = \frac{(\$^2_{+1})(\$^2_{+3})}{3\$(\$^2_{+7/3})}$$

Zc

TOTAL

$$\frac{1}{\sqrt{(x^2+1)(x^2+3)}}$$

$$\frac{2 \text{ ki } \$}{\$^2 + \omega_i^2} = \cancel{\$} - \omega_i^2$$

=>
$$ye(x) = y(c(x)) - \frac{2}{x^2 + (1')^2}$$

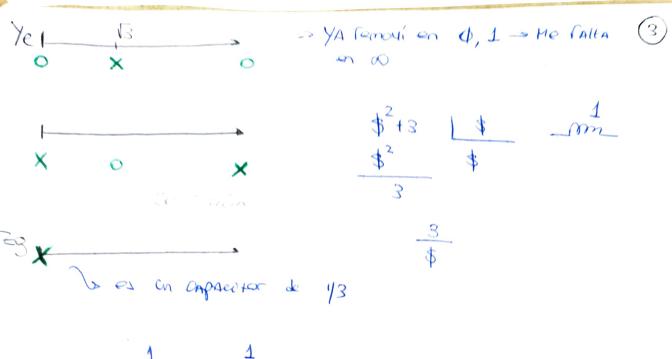
$$2K_{1} = \begin{cases} \frac{3}{3} + \frac{7}{3} \\ \frac{3}{3} + \frac{7$$

2ki=

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

$$\frac{3\$ (\$^{2}+7/3)-2\$ (\$^{2}+3)}{(\$^{2}+1)(\$^{2}+3)} = \frac{3\$^{3}+7\$-2\$-6\$}{(\$^{2}+1)(\$^{2}+3)} = \frac{\$^{3}+\$}{(\$^{2}+1)(\$^{2}+3)} = \frac{(\$^{2}+1)}{(\$^{2}+1)(\$^{2}+3)} = \frac{(\$^{2}+1)}{(\$^{2}+1)(\$^{2}+1)} = \frac{(\$^{2}+1)}{(\$^{2}+1)(\$^{2}+1)} = \frac{(\$^{2}+1)}{(\$^{2}+1)(\$^{2}+1)} = \frac{(\$^{$$

$$= \frac{\$^{3} + \$}{(\$^{2} + 1)(\$^{2} + 3)} = \frac{(\$^{2} + 1)}{(\$^{2} + 1)} \cdot \frac{\$}{\$^{2} + 3}$$



1/3 Medir / Yz=0

$$Y = \frac{$+3}{12} = 2$+6$$
 $Y = 2$+6 - k$

$$Y = 2 + 6 - k$$

$$= k \cdot 0. + 60$$

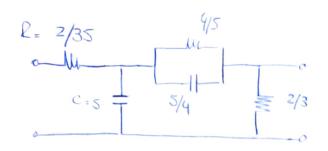
$$= 1 \cdot 0. + 60$$

$$\frac{1}{16} = \frac{16}{8/3} = \frac{16}{16} = \frac{16$$

PAPAMERED Y

V21 =
$$\frac{|D|D}{|Y|D}$$
 > $\frac{|D|D}{|X|D}$ > $\frac{|D|D}{|$

 $\Rightarrow yg = \frac{7/2}{1/5}$



$$T(\phi) = \frac{k}{8} = 3$$

$$\frac{\frac{2}{35}}{\frac{4}{5}} = \frac{\frac{2}{3}}{\frac{32}{21}} = \frac{\frac{2}{3}}{\frac{32}{21}} = \frac{\frac{2}{3}}{\frac{32}{21}} = \frac{\frac{2}{3}}{\frac{32}{21}} = \frac{\frac{2}{3}}{\frac{32}{21}} = \frac{\frac{2}{3}}{\frac{32}{21}} = \frac{\frac{2}{3}}{\frac{8}{35}} = \frac{2}{3}$$

$$= 3 \frac{1}{8} = \frac{2}{16}$$

$$= \frac{2}{3} + \frac{2}{35} + \frac{2}{35} + \frac{2}{35} = \frac{2}{3}$$

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6

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