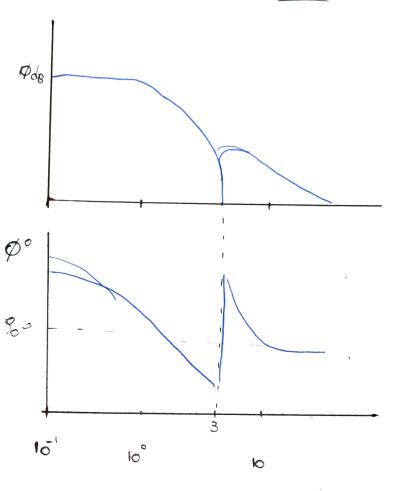
AREA SEMANNES



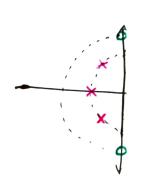
· La Fase Selta 180°=> Tongo dos Z" @ 3004z

$$\Omega f = 100 \rightarrow Plante_0 La TLP($) = \frac{$^2 + 3^2}{$^2 + $^1} + 1 ($+1)$$

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

$$\xi \rightarrow \infty$$
 $T(pai) = \frac{\xi^2}{\xi^3} = \emptyset \Rightarrow Se$ Anuly tob

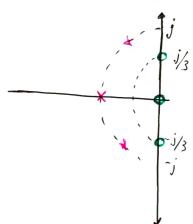
$$\Rightarrow TLp(x) = \frac{1}{9} \cdot \frac{1}{\$+1} \cdot \frac{\$^2 + 3^2}{\$^2 + \$} \cdot \frac{1}{1}$$



$$\frac{1}{\$+1} \cdot \frac{\$^2 + 3^2}{\$^2 + \$ + 1} \longrightarrow \frac{1}{\$} \cdot \frac{1}{\$^2 + 3^2}$$

$$\frac{1+\$^{2}3^{2}}{\$+1} = \frac{1+\$^{2}3^{2}}{1+\$+\$^{2}} = \frac{1+\$^{2}3^{2}}{\$+1} = \frac{1+\$^{2}3^{2}}{\$+1}$$

THPC\$)=
$$\frac{\$}{\$+1}$$
 $\frac{\$^2+1/9}{\$^2+\$+1}$



$$\sqrt{8} = \frac{2R_3}{1 + $cE_3} \left[\sqrt{0} \frac{R \cdot $c \cdot 23 - $eR_3 - 1}{2R_3} + \frac{V_1}{R_3} \right]$$

$$\sqrt{8} = \frac{2}{$c \cdot E_3 + 1} \left[\sqrt{0} \frac{$cE_3 - 1}{2} + V_1 \right]$$

 $\frac{\sqrt{8}}{2} = \frac{1+5c_{B3}}{2} = \frac{1}{10} \left(\frac{5c - \frac{1+5c_{B3}}{2R_3}}{2R_3} \right) + \frac{\sqrt{c}}{R_3}$

(4)

(\$CR3-1)(\$CR1R2+R2-R1) + (\$CR1R2+R1R2) = V, \$C (\$CR3+1).2 R1.R2-2 (\$CR1R2+R2) (\$CZ34) 2 R122 2 [40. \$c23-1 + 4;][1 (1/21+8c)-1/2] = Vi.\$c - 40 (1/21+1/22+\$c) (B) $\sqrt{B} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \right) - \frac{1}{4} \right) \right) - \frac{1}{2} \right) \right) = \sqrt{1 \cdot 8c - 4c} \left(\frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \right) + \frac{1}{4} \left(\frac{1}{4} \right) \right) \right) + \frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \right) + \frac{1}{4} \left(\frac{1}{4} \left(\frac{1}{4} \right) + \frac{1}{4} \left(\frac{1}{4} \right) \right) \right) \right)$ (\$CZ3+1) 2 Pr. RZ \$C.23+1

P S S

\$c (\$c23+1) 2 B1B2 - 2 (\$\mathbb{R}_1\mathbb{R}_2 \mathbb{R}_1)

H(\$)=\(\frac{1}{2}\)

2\$^2c^2 R1 R2 B3 + \$c/ R3(R2-R)-RD8+R3(R1+R2)+RD82 7 + 2 R1 \$ 2. RI. RZ. B1 (RZ. RI) (*

- Implica un Z B3 82-8381 + B381 + B382 \$20 BI. RZ . B3 (5) BZ. B1

16 bisco ¢ con

\$-c2.81.82 B3 + \$e. R3.82 + R1

6

Evidentemente by in evice a el numerodo

Portoles 2 & Conj Si RISPZ Jewinswise -

\$2c2. R1. B2. B3 + \$0 B3. B2 + B1 \$ + C2. R1. R2. R3

\$ c2. R1 B2 B3 + (B1-B2)

9e delso implements conesto?

$$$^2 + 1/9$$$

$$$^2 + \frac{R_1 - R_2}{C^2 \cdot R_1 R_2 \cdot R_3}$$$

$$$^2 + $^2 + $^4 \cdot 1/6 \cdot R_1 + \frac{1}{16^2 \cdot R_2 \cdot R_3}$$$

$$\frac{1}{C \cdot Z_1} = \frac{1}{C^2 \cdot E_2 \cdot E_3} = \frac{1}{4}$$

$$\frac{21 - E_2}{C^2 \cdot E_1 \cdot E_2 \cdot E_3}$$

(8)

22= 8/9 23 = 9/8

Ç

1/2. Fn = 33 Hz \$ + 1/CR 2 C= L= L 4 d Z eth or 33 Hz Louse Soria en Simble estime they be to fe a looms 25 = 400 es important Recorder the days knis 71=27 MARKO A 3 - 1/3 RZ=8/9 -- 8882 R3=9/8 - 1612S Gim plements C1=1 R1=1 R=1 Ra = 1 1