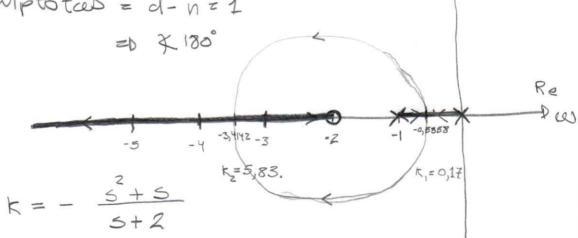
teois teorice
$$\frac{21/6/2009}{21:00}$$

 $G_{(6)}$. $H_{(6)} = -1$ (=) $\frac{5+2}{5(5+1)} = -1$.

$$(5) \cdot (1(5) = 1 \cdot (-1) \cdot (-1$$

$$8 = 0$$

 $8 = -1$ $(d = 2)$



$$\frac{dk}{ds} = 0 \implies -\frac{(2.5+1)(5+2)-(5^2+5).1}{(5+2)^2} = 0$$

$$\begin{cases} s_1 = -0,5858 \\ s_2 = -3,4142 \end{cases}$$

" começa nas palas e accepso ou 10 jeries ou infinito. "

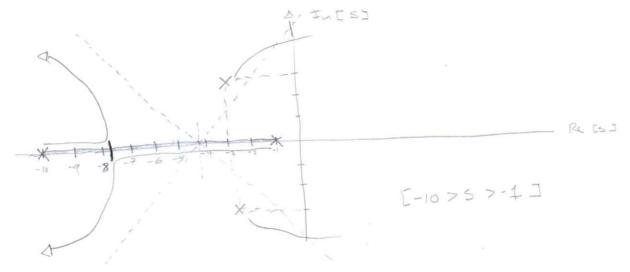
$$S+S+KS+ZK = 0$$

 $S=j\omega$

$$\begin{cases} -\omega^{2} + 2\kappa|=0 \\ \omega + \kappa\omega = 0 \end{cases} \begin{cases} =0 \\ \kappa = 0 \end{cases} \begin{cases} =0 \\ \kappa = 0 \end{cases} \begin{cases} \kappa = -1 \end{cases}$$

intercepto eixo imaginario R=0 1 W=0

$$\frac{K}{(5+1)(0,15+1)(5^{2}+65+18)} = -1$$



$$(0,1)^{2} + 5 + 0,15 + 1)(5^{2} + 65 + 18) + K = \emptyset$$

$$(0,15^2+1,15+1)(5^2+65+18)+K=\phi$$

$$(0,15^{3}+1,75^{3}+9,45^{2}+25,85+18)+K=\emptyset$$

 $f(0,45^{3}+5,15^{2}+18,85+25,8)=K'$

$$\begin{cases} 5_{1} = -7,768 \\ 5_{2} = -2 \pm 1,45 \\ \end{bmatrix} \quad D_{(5)} = \emptyset$$
 | S=-7,768

$$D_{(5)} = \emptyset \mid S = -7,768$$

0,1
$$\omega^{4}$$
 - 1,7 ω^{3} - 9,4 ω^{2} + 25,8 $j\omega$ + 18 + k = 0 | sz $j\omega$
Re $\{0,1\omega^{4}$ - 9,4 ω^{2} + 18 + k = \emptyset $\{0,1\omega^{4}$ - 9,4 ω^{2} + 18 + k = \emptyset $\{0,1\omega^{4}$ - 9,4 ω^{2} + 18 + k = \emptyset $\{0,1\omega^{4}$ - 9,4 ω^{2} + 18 + k = \emptyset $\{0,1\omega^{4}\}$ $\{0,1\omega^{4}\}$