$$H(5) = S - \frac{R^2}{R^7 R^3 C}$$
 Diagrama de polos y ceros $\frac{1}{5 + \frac{1}{R^3 C}}$

$$\begin{array}{c|c}
 & jw \\
\hline
 & pz \\
\hline
 & R3C & R7R3C
\end{array}$$

talculo de módulo y fase

$$H(w) = H(s)$$

$$\int_{s=jw}^{\infty} \frac{\partial w}{\partial w} - \frac{R^2}{R_7 R_3 C}$$

$$|H(w)| = \left| \frac{jw - \frac{R^2}{R^7 R^3 C}}{jw + \frac{1}{R^3 C}} \right| = \frac{\sqrt{w^2 + \left(\frac{R^2}{R^7 R^3 C}\right)^2}}{\sqrt{w^2 + \left(\frac{R^2}{R^3 C}\right)^2}}$$

$$\frac{1}{|H(w)|} = \sqrt{\frac{w^2 + \left(\frac{R_2}{R_7 R_3 C}\right)^2}{w^2 + \frac{7}{(R_3 C)^2}}}$$

$$\theta(w) = 4 + 1w$$
; $H(w) = \frac{14(w)}{14(w)} \cdot \frac{3\theta_{A}(w)}{16(w)} = \frac{3(\theta_{A}(w) - \theta_{C}(w))}{16(w)}$

-0 0 cm = are
$$tg\left(\frac{w}{\frac{Rz}{R_{3}C}}\right)$$
 - are $t_{g}\left(\frac{w}{\frac{I}{R_{3}C}}\right)$

$$\left[\Theta(w) = \operatorname{arc} \operatorname{tg}\left(\frac{w R_1 R_3 C}{R_2} \right) - \operatorname{arc} \operatorname{tg}\left(w R_3 C \right) \right]$$