$k \rightarrow$

$j\omega/\omega_0$

$\dfrac{1}{j\,\omega/\omega_0}$

$\dfrac{1}{1+j\dfrac{\omega}{\omega_0}}$

$1+j\dfrac{\omega}{\omega_0}$

$$\underbrace{(-1)}_{T_1}\cdot\underbrace{j\omega R_2 C_1}_{T_2}\cdot\underbrace{\frac{1}{1+j\omega R_1 C_1}}_{T_3}$$

T_2: $j\omega R_2 C_1 \rightarrow j\dfrac{\omega}{\omega_{01}} \rightarrow \dfrac{1}{R_2 C_1}$

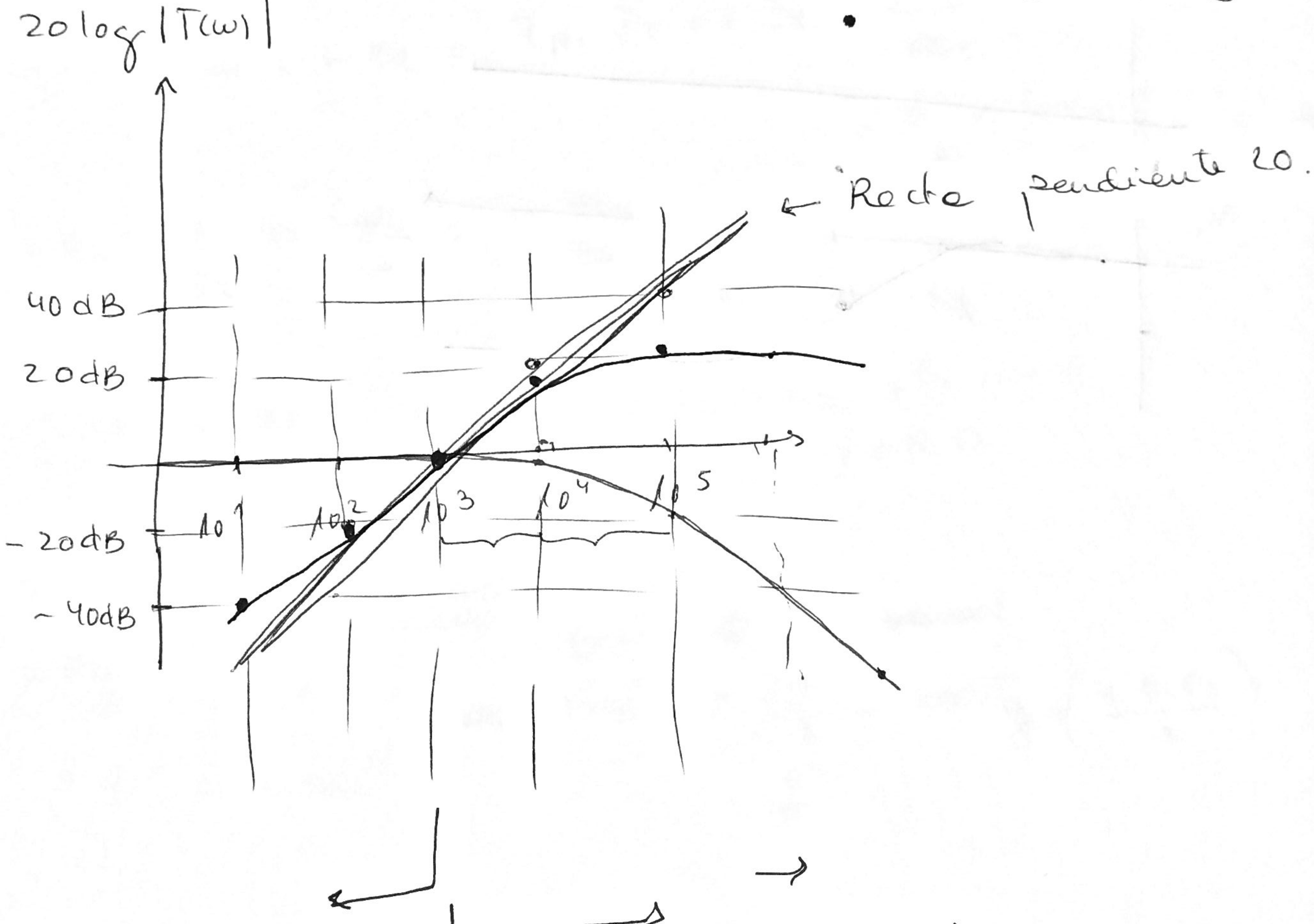
$10^4\,10^{-7} = 10^{-3}$

$\omega_{01} = 10^3\,\dfrac{rad}{s}$

T_3: $\dfrac{1}{1+j\omega R_1 C_1} \rightarrow \dfrac{1}{1+j\dfrac{\omega}{\omega_{02}}} \rightarrow \dfrac{1}{R_1 C_1}$

10^{-4}

$\omega_{02} = 10^4\,\dfrac{rad}{s}$



$|V_o| < |V_i|$ | $|V_o| > |V_i|$ | $\dfrac{|V_o|}{|V_i|} = cte$

si $\omega \ll \omega_0 \Rightarrow$

$\dfrac{1}{\sqrt{1+\left(\dfrac{\omega}{\omega_0}\right)^2}}$ si $\omega \gg \omega_0$ $\sim \dfrac{1}{\dfrac{\omega}{\omega_0}} = \dfrac{\omega_0}{\omega} \Rightarrow 20\log\omega_0 - 20\log\omega$

(-1) $\quad j\frac{\omega}{\omega_{01}}$ $\quad \frac{1}{1+j\frac{\omega}{\omega_{02}}}$

π $\quad \frac{\pi}{2}$ $\quad 0 - \operatorname{arctg}\left(\frac{\omega}{\omega_{02}}\right)$

$\omega \ll \omega_{02} \rightarrow 0$

$\omega = \omega_{02} \rightarrow = \frac{\pi}{4}$

$\omega \gg \omega_{02} \rightarrow \frac{\pi}{2}$