Taller

Hallar la funcion Quiacteristica.

Ve (t) = Pitt); Vp(w)=Jwealur

②
$$0 = Q_2(\omega) \left[\frac{1}{c_1} + \frac{1}{c_2} + J\omega \ell_2 \right] - \frac{1}{c_1} Q_1(\omega)$$

$$\frac{1}{1000} = \frac{1}{1000} + \frac{1}{1000} = \frac{1$$

(2)
$$O_1(\omega) = O_2(\omega) \left[\frac{1}{C_1} + \frac{1}{C_2} + J\omega R_1 \right] C_1 \rightarrow igualamas 1 R2.$$

$$\frac{\mathcal{V}_{1}(\omega) + \mathcal{V}_{2}(\mathcal{Q}_{2}(\omega))}{\mathcal{V}_{1}\omega + \frac{1}{2}} = \frac{\mathcal{Q}_{2}(\omega)\left[\mathcal{V}_{1} + \frac{1}{2} + \mathcal{V}_{2}\right]\mathcal{C}_{1}}{\mathcal{V}_{1}\omega + \frac{1}{2}}$$

$$V_{1}(\omega) + \frac{1}{C_{1}}(\partial_{2}(\omega)) = (\partial_{2}\omega)\left[\frac{1}{C_{1}} + \frac{1}{C_{2}} + J\omega R_{2}\right]C_{1} * \left(j\omega R_{1} + \frac{1}{C_{1}} + J\omega R_{2}\right)C_{1} * \left(j\omega R_{1} + \frac{1}{C_{1}} + J\omega R_{2}\right)C_{1} * \left(j\omega R_{1} + \frac{1}{C_{1}} + J\omega R_{2}\right)C_{1} * \left(j\omega R_{1} + \frac{1}{C_{1}} + J\omega R_{2}\right)C_{2} * \left(j\omega R_{1} + J\omega R_{2}\right)C_{2} * \left(j\omega$$

