



PROBLEMA 111: FILTRO PASA BANDA KCTE.

$$f_{c1} = 8\text{KHz} \rightarrow \omega_{c1} = 50265.48 \text{ rad/seg}$$

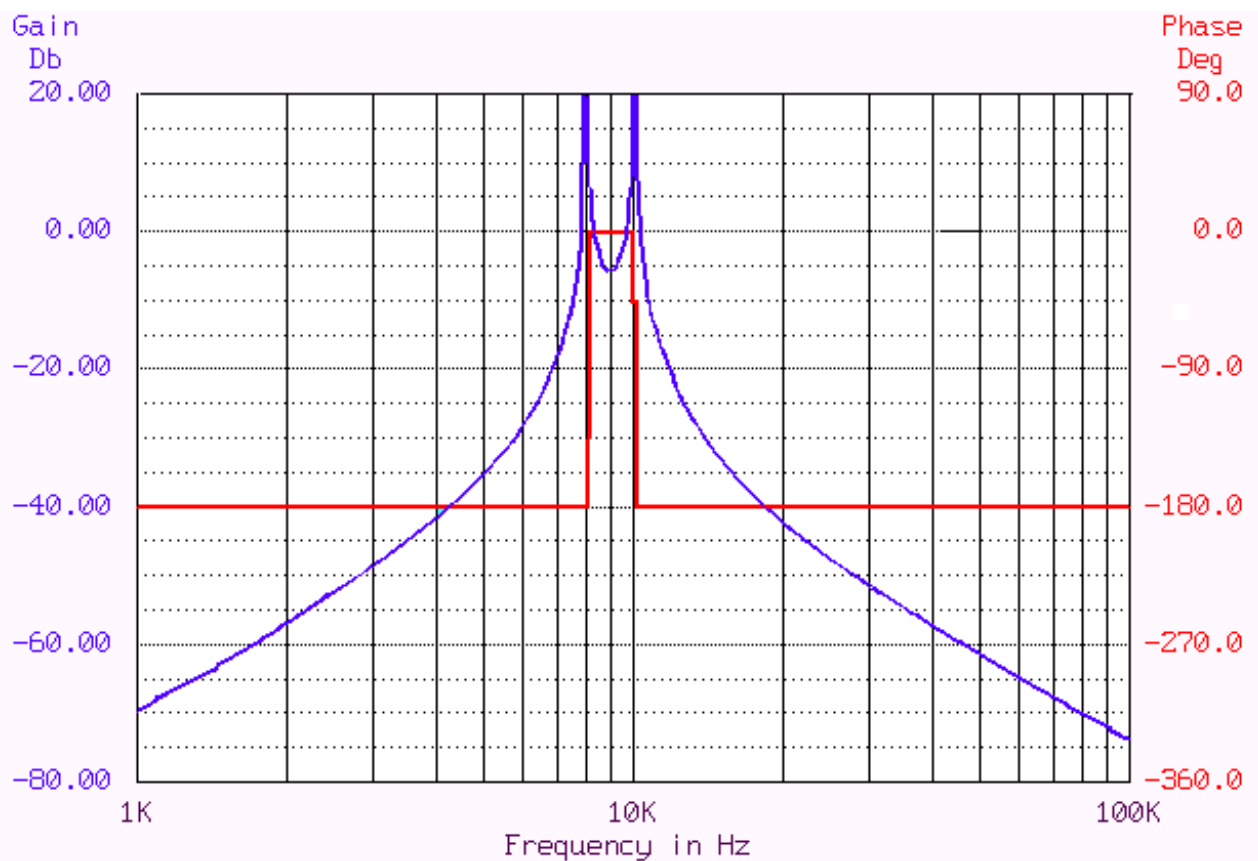
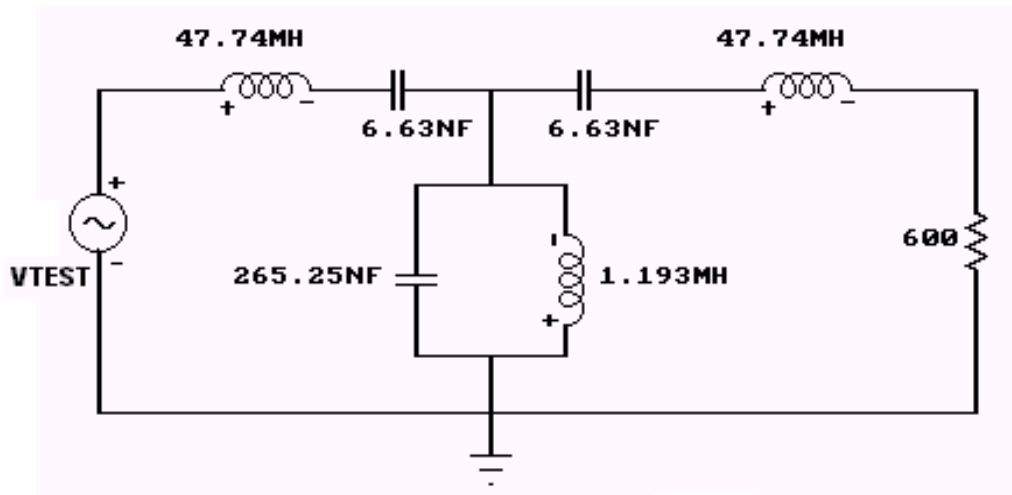
$$f_{c2} = 10 \text{ KHz} \rightarrow \omega_{c2} = 62831.85 \text{ rad/seg}$$

$$\omega_0^2 = 3.158 \cdot 10^9$$

$$\Delta\omega = 12566.37 \text{ rad/seg}$$

$$R_o = 600 \Omega$$

$$m = 0,6$$





PROBLEMA 111': FILTRO PASA BANDA m DERIVADO

$$f_{c1} = 8\text{KHz} \rightarrow \omega_{c1} = 50265.48 \text{ rad/seg}$$

$$f_{c2} = 10 \text{ KHz} \rightarrow \omega_{c2} = 62831,85 \text{ rad/seg}$$

$$\omega_0^2 = 3.158 * 10^9$$

$$\Delta\omega = 12566,37 \text{ rad/seg}$$

$$R_o = 600 \Omega$$

$$m = 0,6$$

