



## PROBLEMA 112: FILTRO ELIMINA BANDA Kcte

$$f_{c1} = 6\text{KHz} \rightarrow \omega_{c1} = 37699.112 \text{ rad/seg}$$

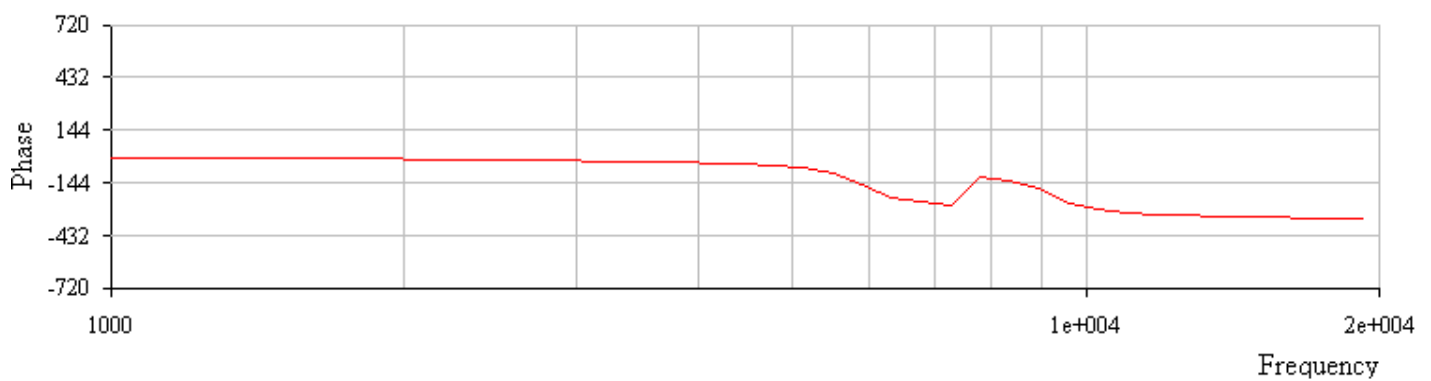
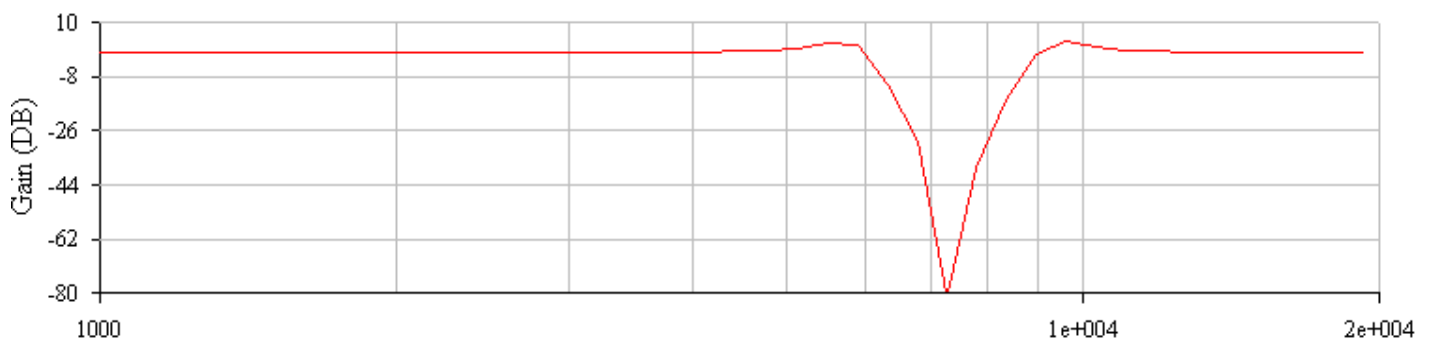
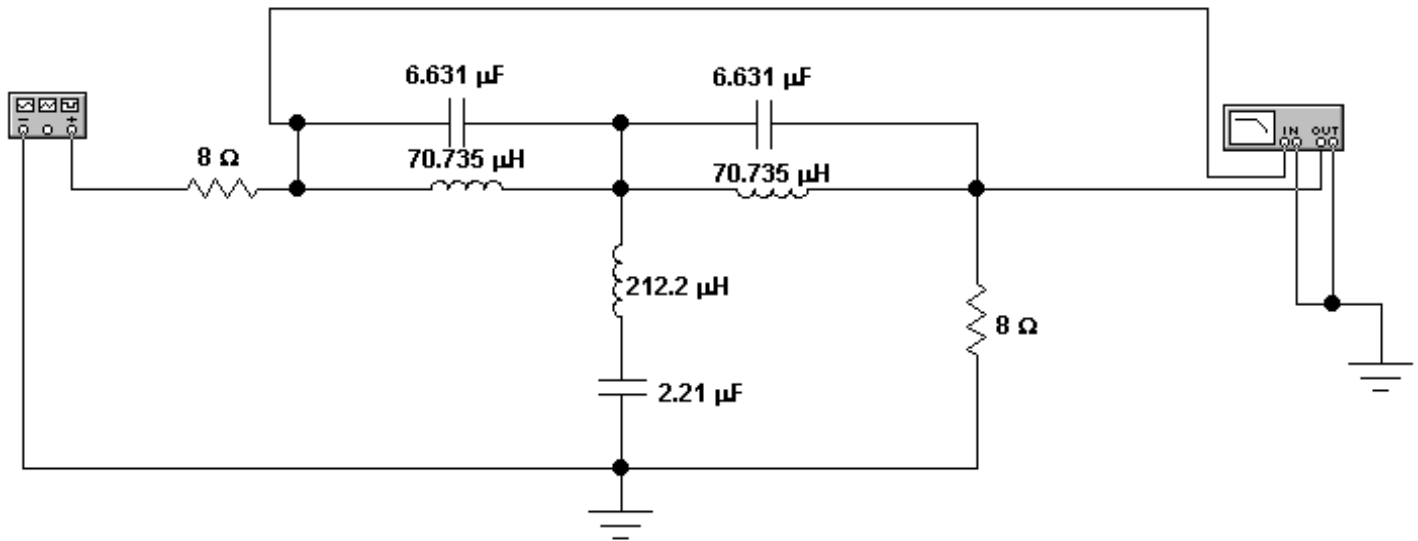
$$f_{c2} = 9 \text{ KHz} \rightarrow \omega_{c2} = 56548.668 \text{ rad/seg}$$

$$\omega_0^2 = 2.13183 * 10^9$$

$$\Delta\omega = 18849.556 \text{ rad/seg}$$

$$R_0 = 8 \Omega$$

$$m = 0,6$$





## **PROBLEMA 112: FILTRO ELIMINA BANDA m - Derivado**

$$f_{c1} = 6\text{KHz} \rightarrow \omega_{c1} = 37699.112 \text{ rad/seg}$$

$$f_{c2} = 9 \text{ KHz} \rightarrow \omega_{c2} = 56548.668 \text{ rad/seg}$$

$$\omega_0^2 = 2.13183 * 10^9$$

$$\Delta\omega = 18849.556 \text{ rad/seg}$$

$$R_0 = 8 \Omega$$

$$m = 0,6$$

