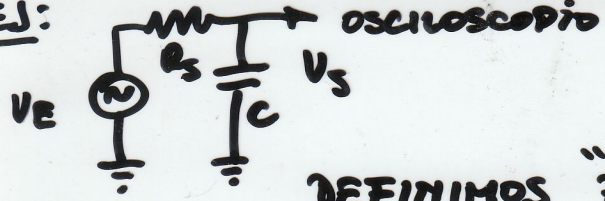
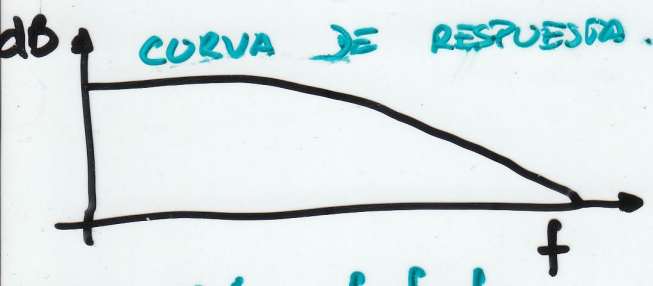


EJ:

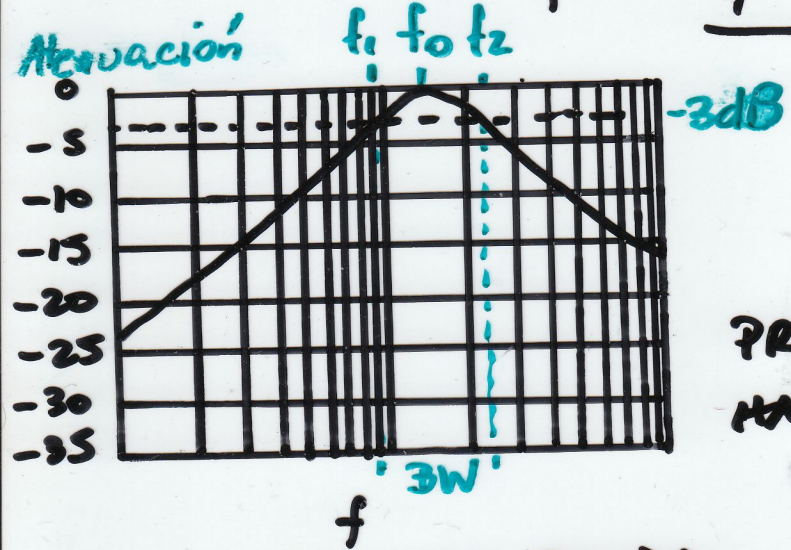


$$\frac{V_S}{V_E} = \frac{X_C}{R_S + X_C}$$

DEFINIMOS "PERDIDA":  $\left(\frac{V_S}{V_E}\right)' = 20 \log_{10} \left( \frac{X_C}{R_S + X_C} \right)$   
 dB.



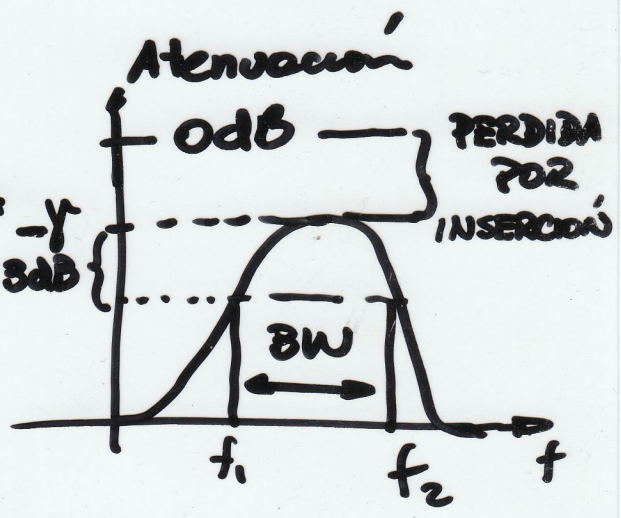
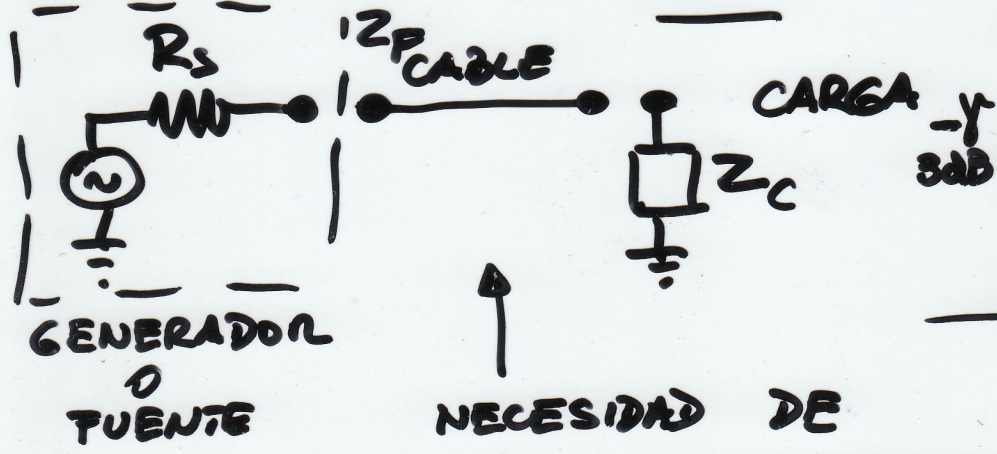
EN UN CIRCUITO RESONANTE



$$Q = \frac{f_c}{f_2 - f_1}$$

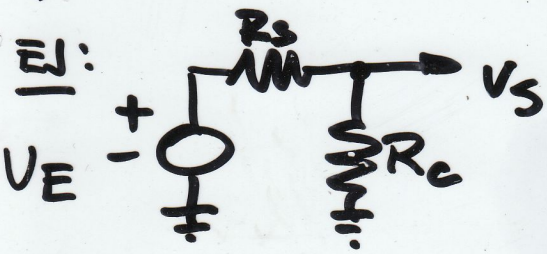
PREGUNTA: ¿QUE RELACION HAY ENTRE  $f_1, f_2$  y  $f_c, f_c$ ?

BW = ANCHO DE BANDA



" ADAPTAR IMPEDANCIAS → MAXIMA

TRANSFERENCIA DE POTENCIA ENTRE LA FUENTE Y LA CARGA.



$$V_S = \left( \frac{R_C}{R_S + R_C} \right) V_E$$

$$P_C = \frac{V_S^2}{R_C} \Rightarrow$$