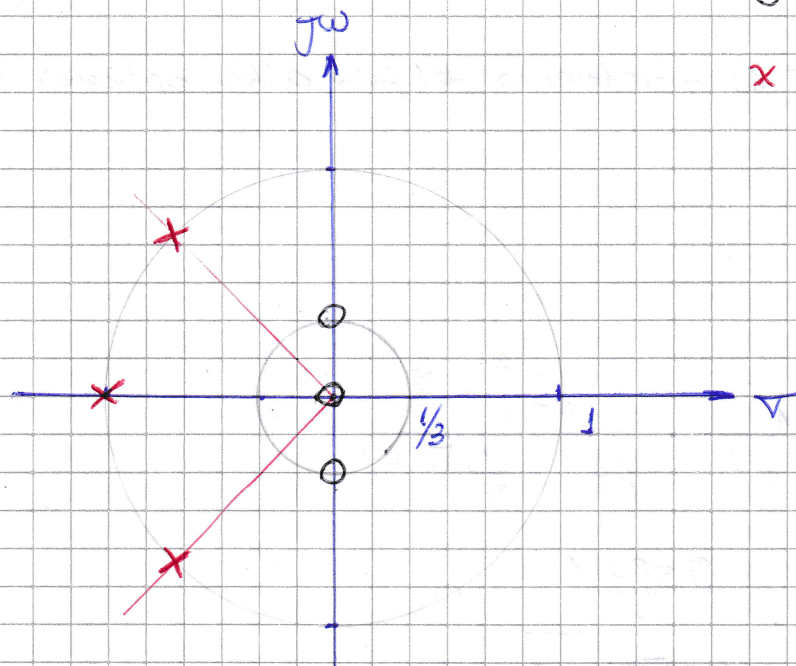


PUNTO 1B



o CEROS

x POLOS

$$Q = \frac{1}{2\cos(\psi)} \Rightarrow \frac{\omega_0}{Q} = \sqrt{2} \Rightarrow Q = \frac{1}{\sqrt{2}}$$

$$\psi = \arccos\left(\frac{1}{2Q}\right) \Rightarrow \psi = 45^\circ //$$