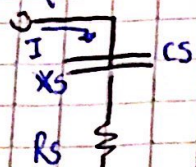


## Factor de calidad

$$\frac{I}{D} = Q = \frac{\text{Potencia reactiva}}{\text{Potencia activa}}$$

↳ factor de disipación

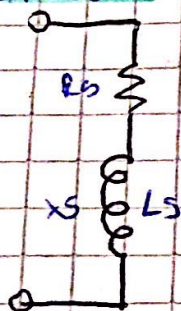
Capacitor serie



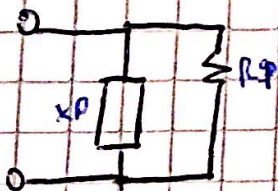
$$Q = \frac{I^2 \cdot X_s}{I^2 \cdot R_s} = \frac{X_s}{R_s}$$

$$Q_{scop} = \frac{1}{\omega C_s \cdot R_s}$$

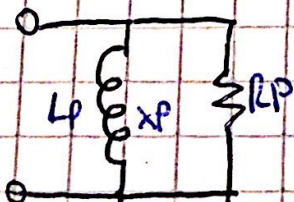
Inductor serie



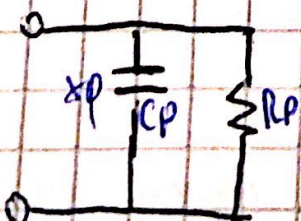
$$Q_{sind} = \frac{\omega L_s}{R}$$



$$Q_p = \frac{|P_a|}{P}$$



$$Q_{pind} = \frac{R_p}{\omega L_p}$$



$$Q_{pcop} = R_p \cdot \omega C_p$$