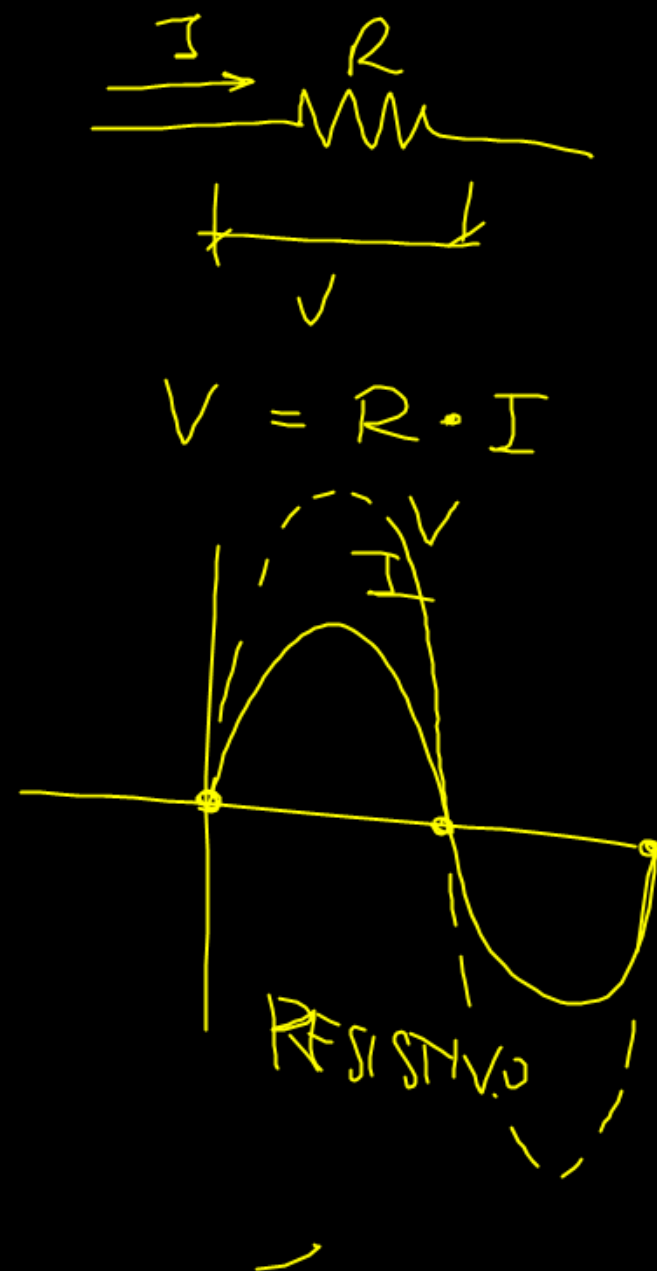
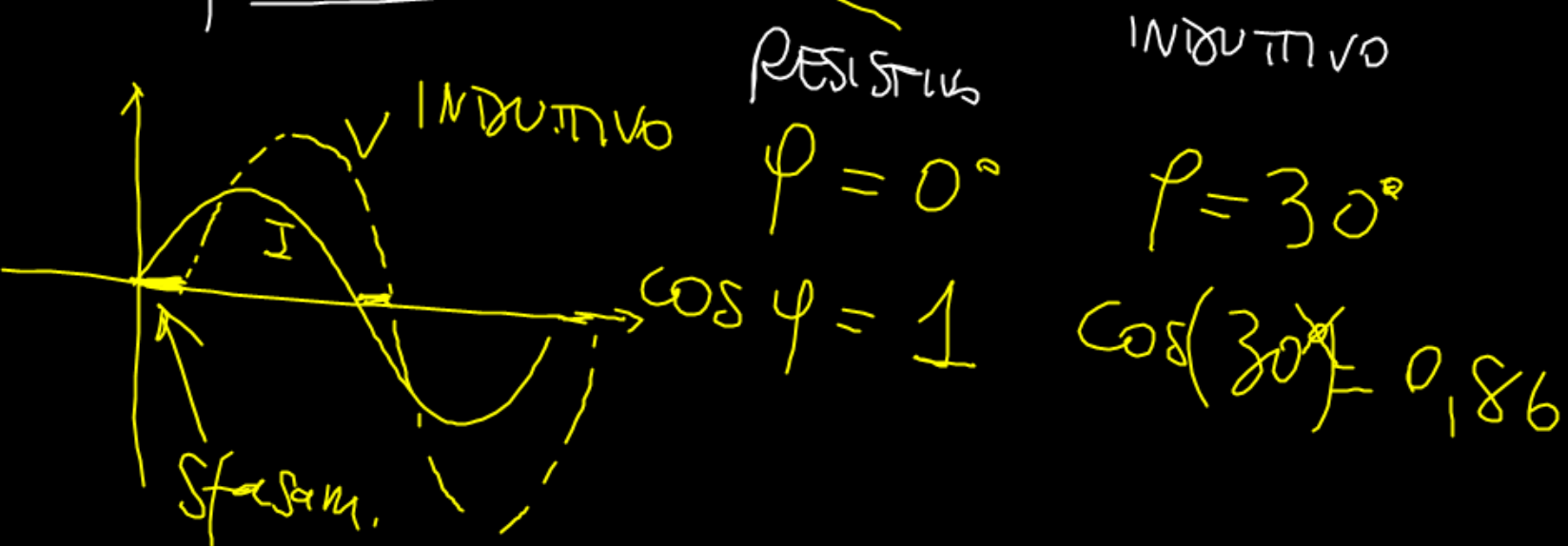
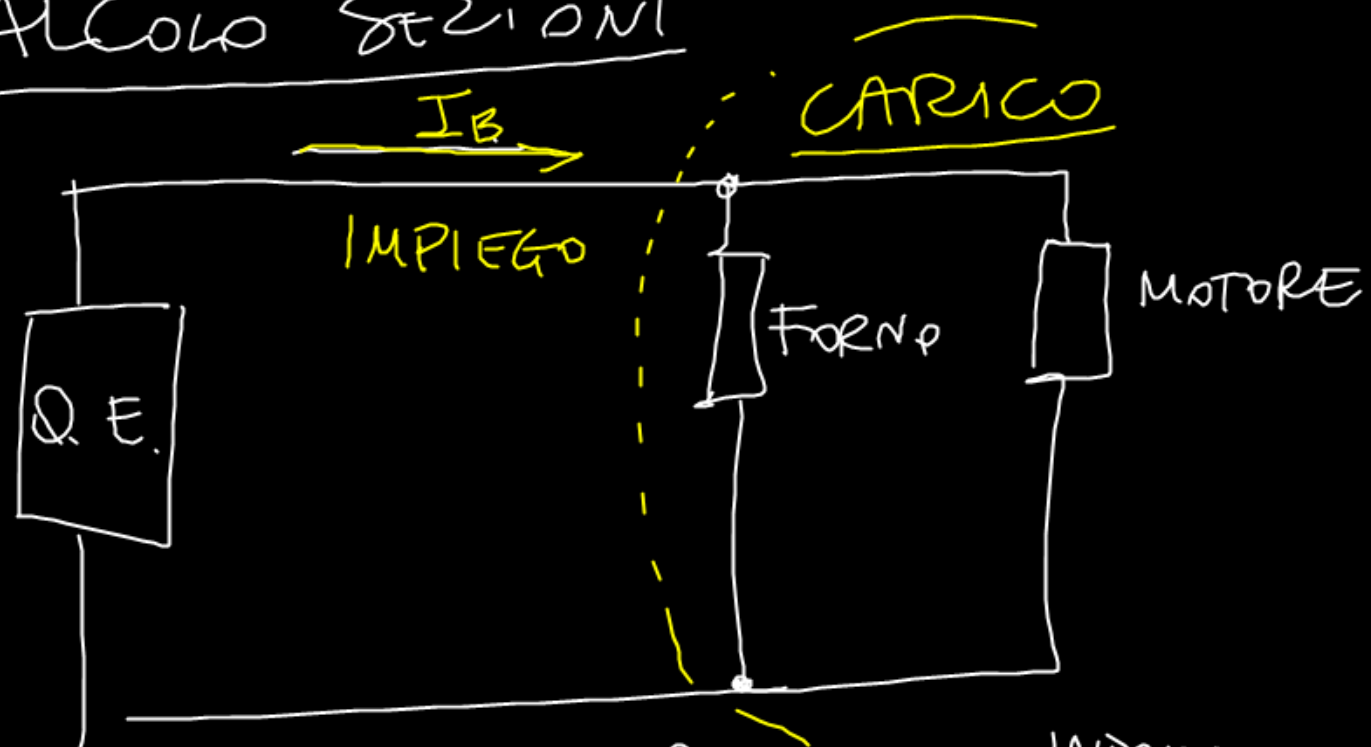


# CALCOLO SEZIONI

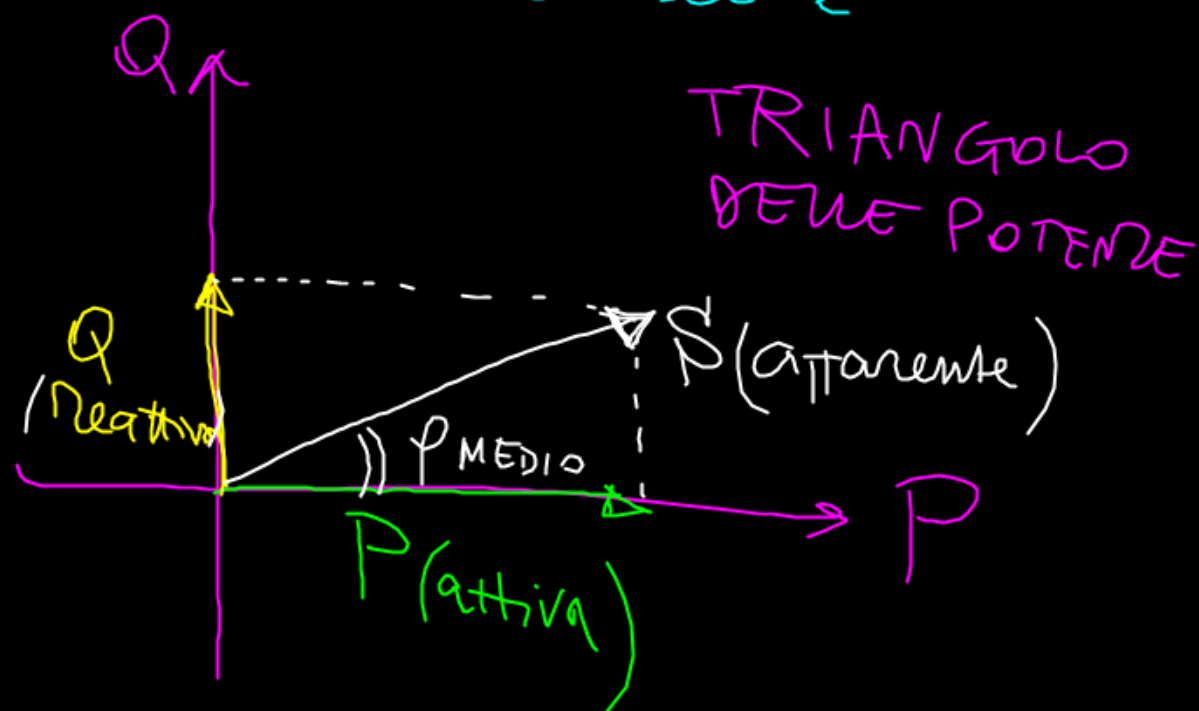


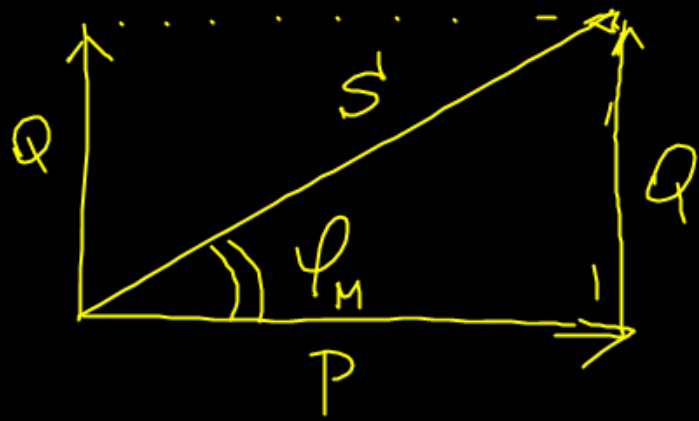
$P \rightarrow$  potenza attiva  $\rightarrow$  lavoro

$Q \rightarrow$  potenza reattiva  $\rightarrow$  NON porta lavoro

$S \rightarrow$  Potenza apparente  $\rightarrow$  che "sembra" attiva ma non lo è

$$\left. \begin{aligned} P &= V \cdot I \cdot \cos \varphi \\ Q &= V \cdot I \cdot \sin \varphi \end{aligned} \right\}$$





pendenza  $\rightarrow \operatorname{tg} \varphi_m = \frac{Q}{P}$

$$S = \sqrt{P^2 + Q^2}$$

$$\varphi = \operatorname{tg}^{-1} \left( \frac{Q}{P} \right)$$

operaz. inversa  
della tangente

$\rightarrow$  SHIFT + TAN

esempio

$$P = 1 \text{ KW} = 1000 \text{ W}$$

$$Q = 0,5 \text{ KVAR} = 500 \text{ VAR}$$

VOLT-AMPERE  
REATTIVI

$$S = \sqrt{1000^2 + 500^2} = 1118 \text{ VA}$$

$$\varphi = \operatorname{tg}^{-1} \left( \frac{500}{1000} \right) = 26,5^\circ \text{ VOLT-AMPERE}$$

Attiva Windows

Passa a Impostazioni PC per attivare Windows.