

Frecuencia angular

 $47\mu F$ W= $2\pi f=2\pi-200H_2=1256,64H_2$

Reactancia inductiva

Gráfica RLC

Reactancia capacitiva

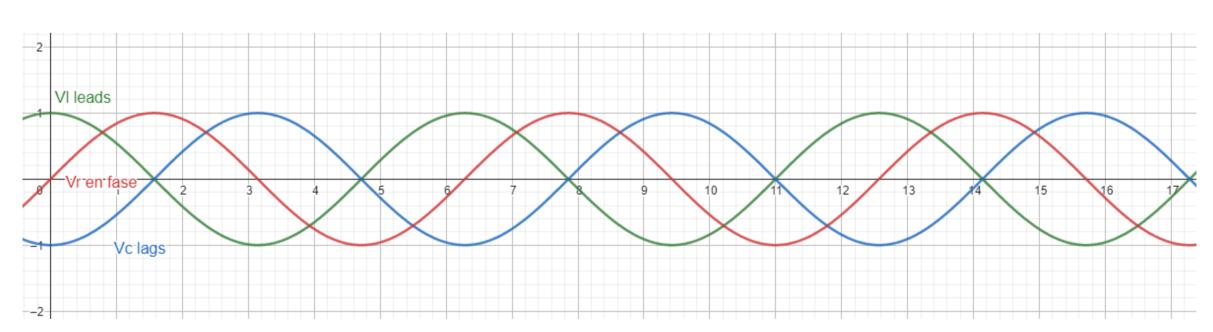
Reactancia

$$Z = \sqrt{(611.39 \text{ sc}) + (50 \text{ sc})^7}$$

 $Z = 613, 43 \text{ sc}$
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$$\Theta = + \alpha \sqrt{\frac{\chi}{R}} = + \alpha \sqrt{\frac{1}{200}} = 85,32^{\circ}$$

Gráficus.



Consiente total