NOMBRES: QUISHPE JHONATAN, FLORES ANDRE

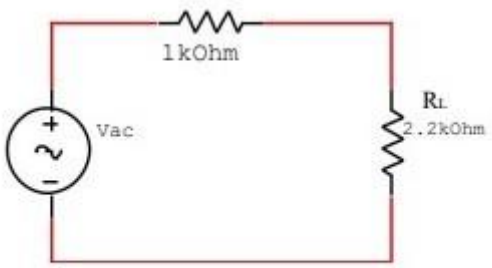

Figura 7.1. Circuito con alimentación en c.a.

Vpp= 20
F=2.5K hz
Vp= 10

$$\text{Vrms} = \frac{\text{Vp}}{\sqrt{2}} = \frac{10}{\sqrt{2}} = 7.071\ \text{Vrms}$$

$$\text{I} = \frac{10 < 0}{3.2\text{K}} = 3.125\text{X}10^{-3}\ \text{A}$$

$$\text{V} = 2.2\text{K}(3.125\text{X}10^{-3}) = 6.875\ \text{Vp}$$

$$\text{Vrms} = \frac{6.875}{\sqrt{2}} = 4.86\ \text{Vrms}$$

PERIODO

$$\frac{1}{\text{F}} = \frac{1}{2.5\text{K}} = 0.4\ (\text{ms})$$

FRECUENCIA ANGULAR

W=2πF → $2\pi(2.5\text{K})$ = 15707.96 ($\frac{\text{rad}}{\text{s}}$)