

Demonstration 72.63 – LRC circuit: phase differences, resonance

(Circuit B)

$$\omega_{resonant} = \frac{1}{\sqrt{LC}}$$

For the values in this circuit, $\omega_{resonant}$ is about 1.2×10^6 rad/s, or, dividing by 2π , 200 kHz. (Use a sinusoidal input.)

