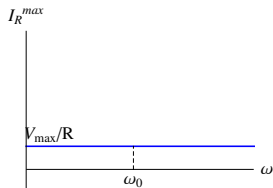


RLC Parallel Resonance (2)



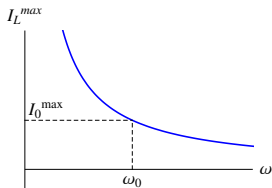
resistor

$$I_R^{max} = V_{max} / R$$



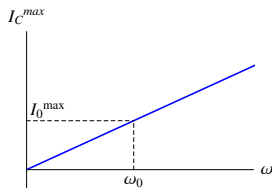
inductor

$$I_L^{max} = V_{max} / \omega L$$



capacitor

$$I_C^{max} = V_{max} \omega C$$



currents at resonance:

$$I_R^{max} = \frac{V_{max}}{R}, \quad I_L^{max} = I_C^{max} = I_0^{max} = V_{max} \sqrt{\frac{C}{L}}.$$