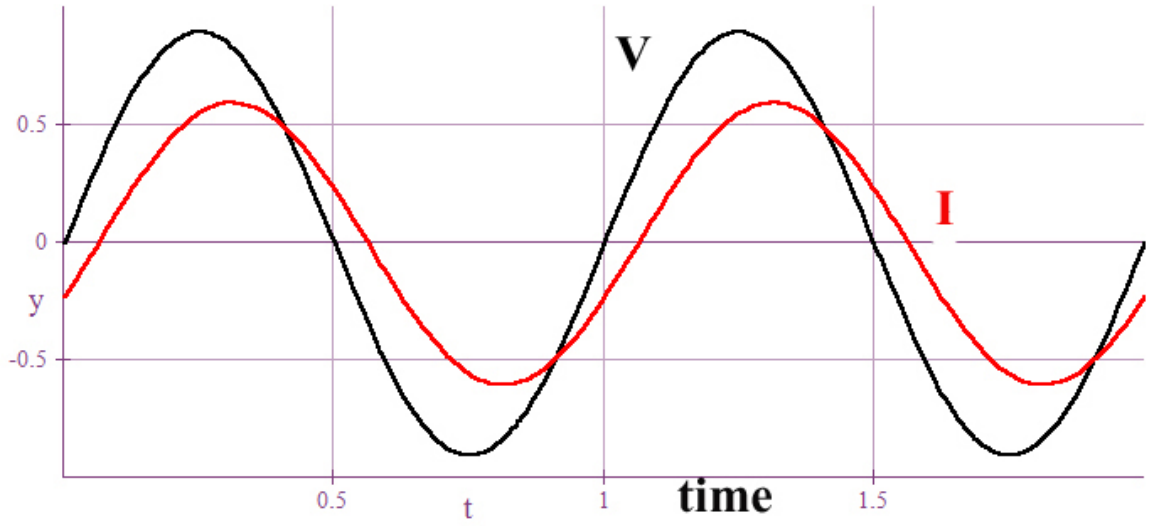
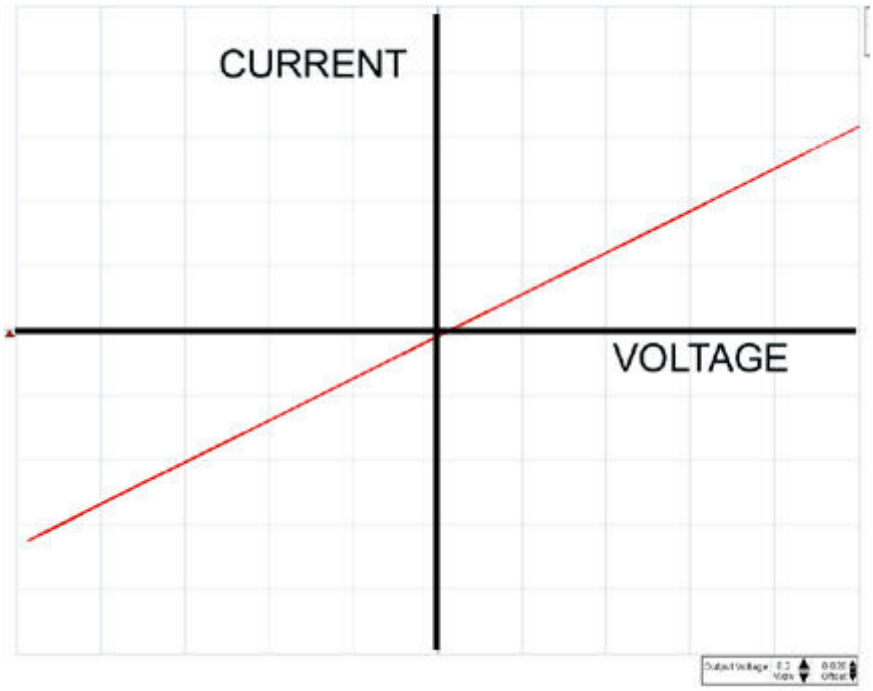


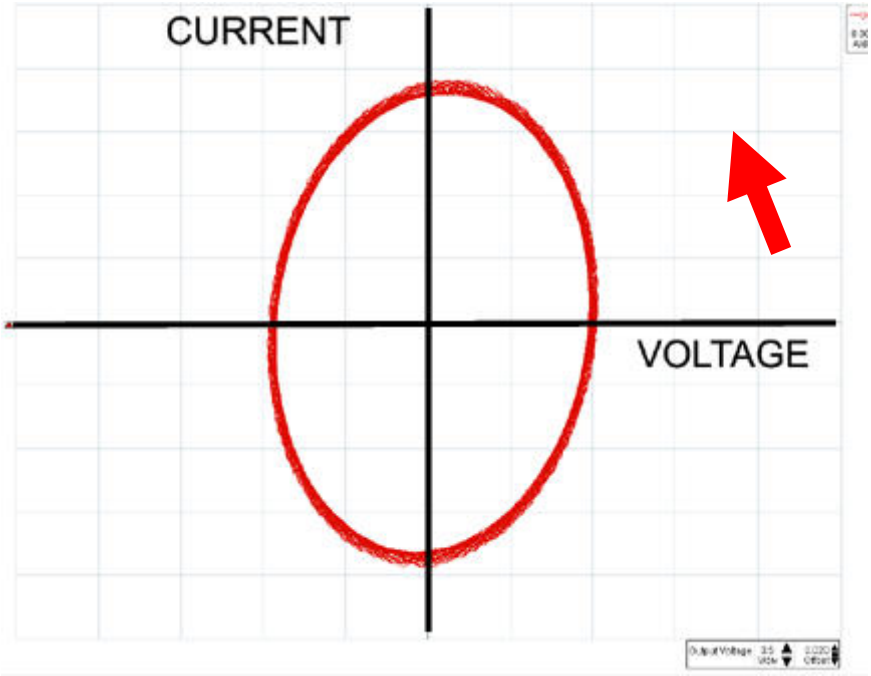
The plot shows the driving voltage V (black curve) and the current I (red curve) in a driven RLC circuit. In this circuit,

1. **The current leads the voltage**
2. **The current lags the voltage**
3. **Don’t have a clue**



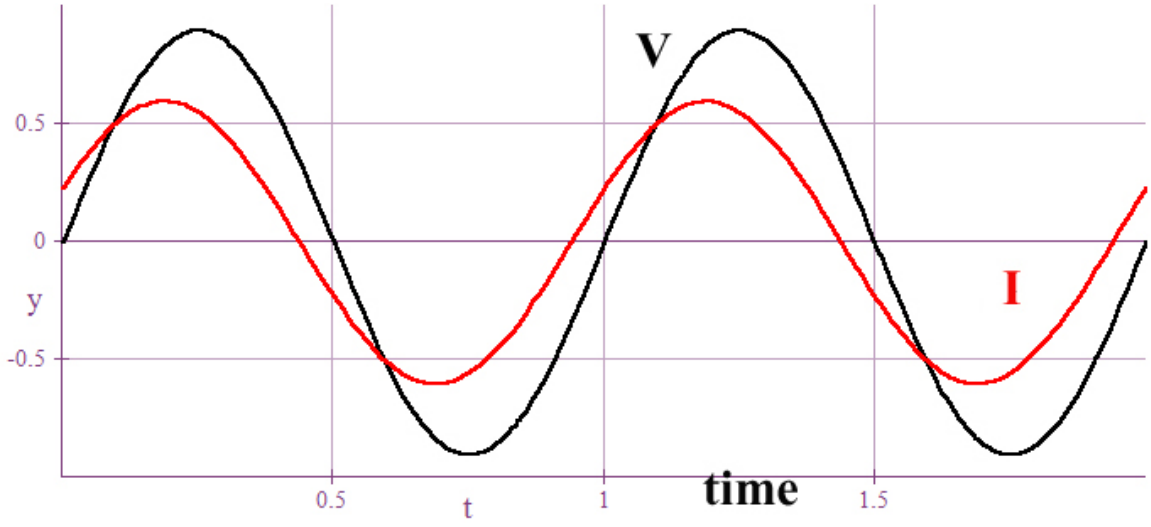
The graph shows the current versus the voltage in a driven RLC circuit at a given driving frequency. In this plot

1. **The current leads the voltage by about 45 degrees.**
2. **The current lags the voltage by about 45 degrees**
3. **The current and the voltage are in phase**
4. **Don’t have a clue.**



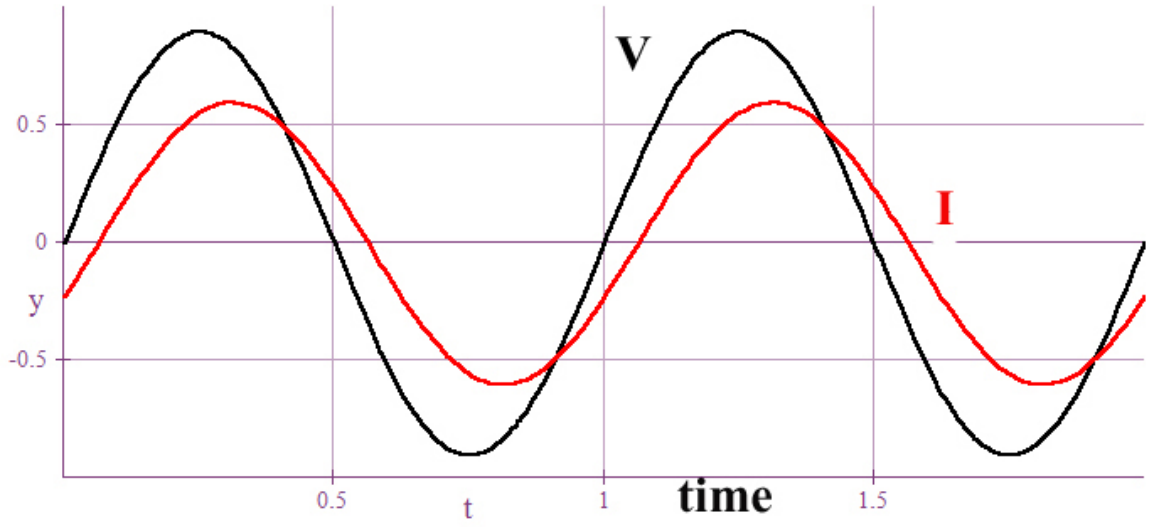
The graph shows the current versus the voltage in a driven RLC circuit at a given driving frequency. In this plot

1. **Current lags voltage by ~90º**
2. **Current leads voltage by ~90º**
3. **Current and voltage are almost in phase**
4. **We don’t have enough information to say whether the current leads or lags (but they aren’t in phase!)**



The graph shows the current versus the voltage in a driven RLC circuit at a particular driving frequency. At this frequency, the circuit is dominated by its

1. **Resistance**
2. **Inductance**
3. **Capacitance**
4. **Don’t have a clue**



The graph shows the current versus the voltage in a driven RLC circuit at a particular driving frequency. Is this frequency above or below the resonance frequency of the circuit?

1. **Above the resonance frequency**
2. **Below the resonance frequency**
3. **Don’t have a clue**