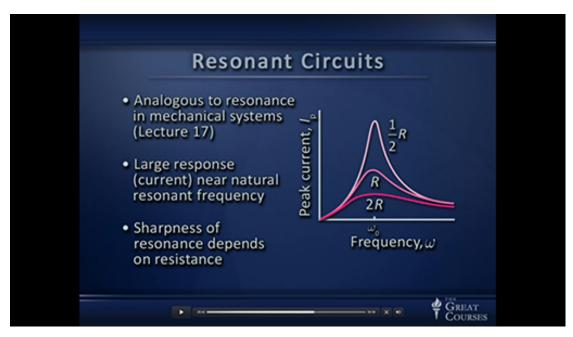
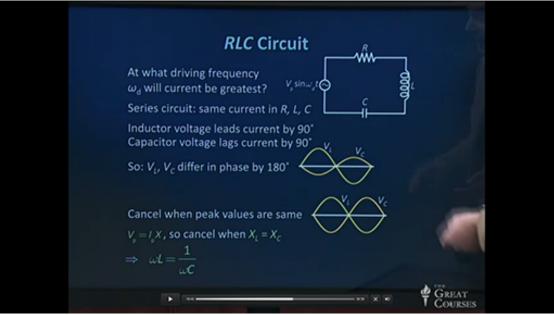
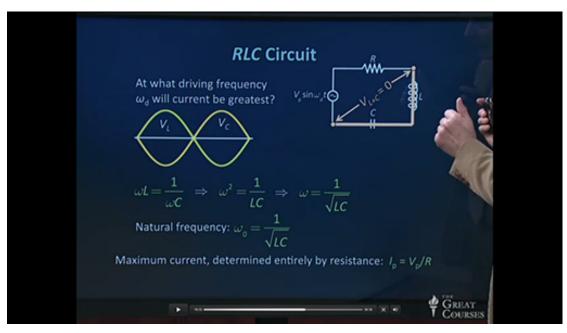
Resonance

FROM Physics Course (Great Courses) - Lecture 39

The resonant frequency is that frequency in which current is the greatest, with the shape and magnitude of the curve dependent on the relationship between capacitance and inductance, with the sharp-ness of the resonance dependent on the resistance of the circuit.







One application is in tuning radio frequencies. It is the relationship between Capacitance (C), Inductance (L), and frequency (f) to determine the resonant frequency.

