

EN-3212 Electronics

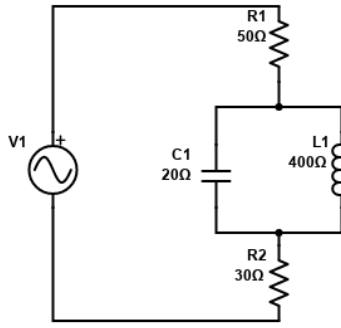
AC Analysis Part 2

1. Calculate the impedance of a $500\mu\text{f}$ capacitor at 100Hz .
2. Calculate the impedance of a $500\mu\text{H}$ inductor at 5MHz .

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3. Analyze the circuit shown below given $V_1 = 100V @ 120^\circ$.



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4. Analyze the circuit shown below given $V_1 = 240\text{V} @ 90^\circ$.

