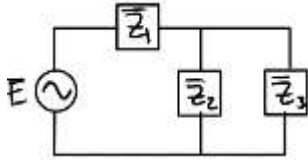
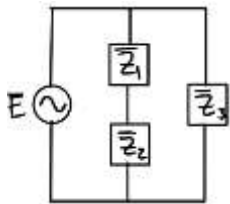


Series-Parallel AC Circuit Analysis (36:24)

Reduce this series-parallel AC circuit into either a pure parallel or pure series circuit and apply Kirchhoff's Voltage Law and Kirchhoff's Current Law.

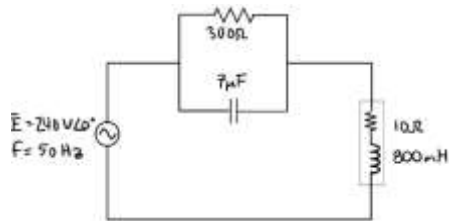


Reduce this series-parallel AC circuit into either a pure parallel or pure series circuit and apply Kirchhoff's Voltage Law and Kirchhoff's Current Law.

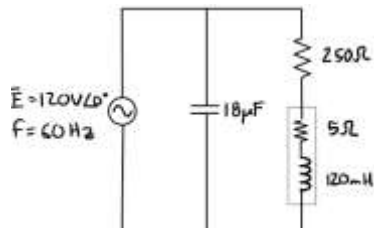


Summarize Ohm's Law, series circuit properties, and parallel circuit properties.

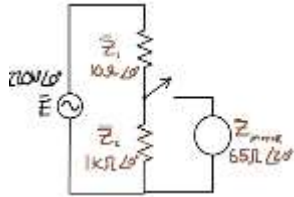
For the series-parallel AC circuit below, determine the impedance of each element, the voltage across each element, the current through each element, the total impedance, and source current.



For the series-parallel AC circuit below, determine the impedance of each element, the voltage across each element, the current through each element, and source current.



For the series-parallel AC circuit below, determine the voltage across each element, the current through each element, and source current when the switch is open and again when the switch is closed



For the series-parallel AC circuit below, determine the voltage across each element, the current through each element, and source current.

