

ET 332b
3 Phase System Homework

For the circuit given below, compute:

- a.) the magnitude of phase voltage
- b.) the magnitude and phase angle of the line currents and the phase currents
- c.) the total apparent power absorbed in the circuit
- d.) the power factor for the circuit

Assume that V_{ab} is the zero reference phasor. V_{bc} phase angle is -120 degrees and V_{ca} phase angle is 120 degrees

