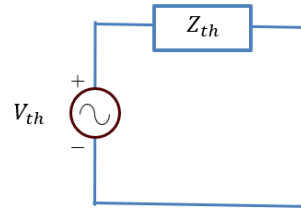
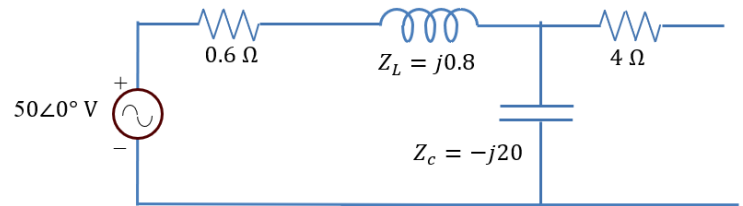


Class 20: AC Thevenin Equivalents and Maximum Power Transfer

Example 1:

We want to find

- (1) The Thevenin equivalent for this circuit, as shown.
- (2) The maximum power that could be delivered to a load with impedance Z_{load}



Maximum power transfer occurs when $Z_{load} = Z_{th}^*$