

### Problem 4

Determine the input impedance of the circuit at frequency  $\omega = 2 \text{ rad/s}$ :

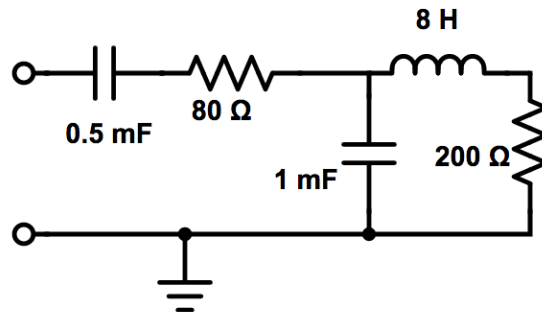


Figure 3