

Unit I: Assessment Question Bank

Lecture -29

1. A parallel RL circuit has $R=4\Omega$, $X_L=3\Omega$. Obtain its series equivalent such that the series circuit draws the same current and power at a given voltage.
2. The admittance of a circuit is $(0.05-j0.08)\text{S}$. Find the values of the resistance and inductive reactance of the circuit if they are a) in parallel b) in series.

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