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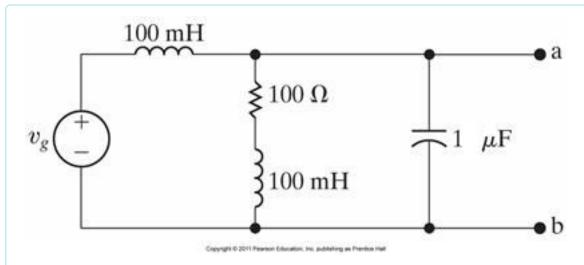|	
Started on	Wednesday, 30 January 2019, 9:39 AM
State	Finished
Completed on	Wednesday, 30 January 2019, 9:59 AM
Time taken	19 mins 58 secs
Grade	**100.00** out of 100.00

Quiz 1d

The sinusoidal voltage source in the circuit v_g = 240 cos(5,000t) V$_{rms}$.

a) Find the Thévenin voltage with respect to the terminals a,b.

Express your answer in polar form (make the magnitude positive and the angle negative).

$| V_{Th} |$ = | 593.6 | ✓ V

Angle = | -160.35 | ✓ ° (Degrees)

b) Find the Thévenin impedance with respect to the terminals a,b.

Express your answer in polar form (make the magnitude positive and the angle negative).

$| Z_{ab} |$ = | 874.5 | ✓ Ω (Ohm)

Angle = | -70.35 | ✓ ° (Degrees)

Correct

Marks for this submission: 100.00/100.00.

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