

INSTRUMENTATION

Electrical Science: 2021-22 Tutorial 3 Thevenin's, Norton's, **Max-Power Transform and Superposition Theorem**

By Dr. Sanjay Vidhyadharan

COMMUNICATION

ELECTRONICS

ELECTRICAL

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Find the value of for maximum power transfer in the circuit of the shown figure. Find the maximum power.



ELECTRONICS

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Find the value of for maximum power transfer in the circuit of the shown figure. Find the maximum power.



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Find the Thevenin equivalent circuit of the circuit in shown figure at terminals a-b



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Find the Thevenin equivalent circuit of the circuit in shown figure at terminals a-b



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Find the Thevenin equivalent circuit of the circuit in shown figure at terminals a-b



Find the Norton equivalent circuit of the circuit in shown figure at terminals A-B



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Find the Norton equivalent circuit of the circuit in shown figure at terminals A-B



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14

ELECTRONICS C

ELECTRICAL

COMMUNICATION



15

ELECTRONICS

ELECTRICAL

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V = 6-6+12= 6 V

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