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A loop is any closed path in a circuit. A network with  $b$  branches,  $n$  nodes, and  $l$  independent loops will satisfy the fundamental theorem of network topology:  $b = l + n - 1$ . Electrical Engineering " Electric Circuits Theory . ... Methods of Network Analysis " (and .

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## **Network analysis (electrical circuits) - Wikipedia**

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## **6.061 Class Notes, Chapter 1: Review of Network Theory**

- Circuits & Networks, Analysis & Synthesis BY A. Sudhakar, Shyammohan S. Palli (4th Edition) - Electronic Devices and Circuits by S Salivahanan & N Suresh Kumar (2nd Edition) - Engineering Circuit Analysis by W H Hayt, J E Kemmerly and S M Durbin (7th Edition)

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Circuits & Networks,3E. Sudhakar/shyammohan. Tata McGraw-Hill Education, Dec 1, 2006 - Electric circuit analysis - 935 pages. ... USEFUL THEOREMS IN CIRCUIT ANALYSIS 110 . INTRODUCTION TO ALTERNATING CURRENTS . COMPLEX IMPEDANCE . POWER AND POWER FACTOR 231 . STEADY STATE AC ANALYSIS 258 .

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