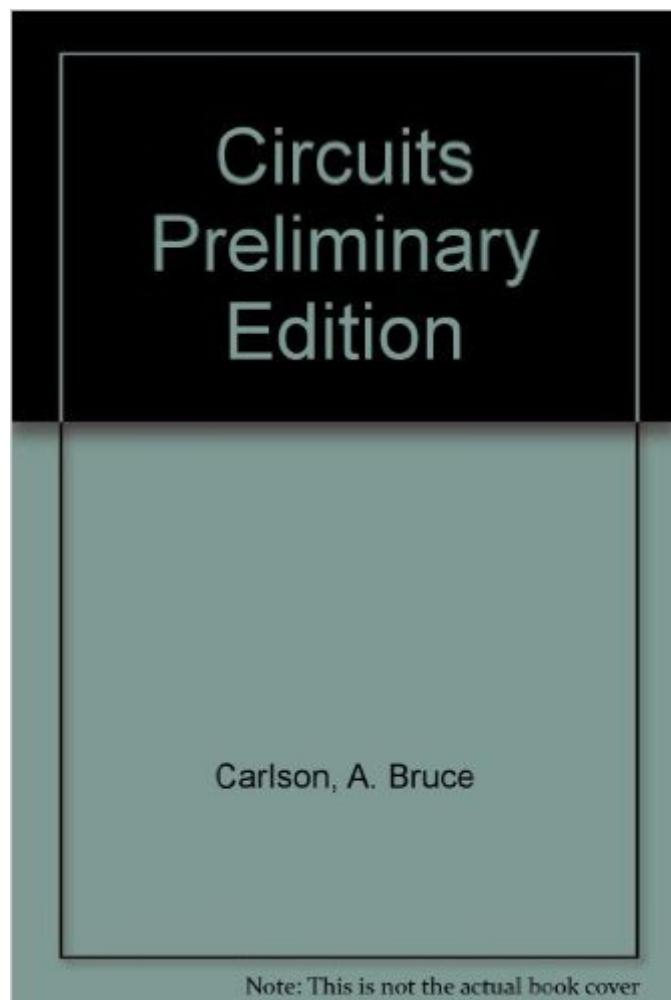


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Circuit: Engineering Concepts And Analysis Of Linear Electric Circuits



Synopsis

This extremely student-friendly text uses a "just-in-time" format which develops circuit concepts and techniques at an introductory level before progressing to more sophisticated topics. Includes a brief discussion of the classical solution of differential circuit equations but the primary emphasis is on modern engineering methods such as phasors, network functions, Laplace transforms, and state equations. When a particular technique involves several parts, it is presented as a procedural algorithm enabling students to clearly perceive the successive steps. Contains over 200 worked examples, 240 exercises, and 1000+ problems.

Book Information

Paperback: 860 pages

Publisher: Wiley; 1 edition (June 22, 1996)

Language: English

ISBN-10: 0471156671

ISBN-13: 978-0471156673

Product Dimensions: 8 x 1.2 x 9.9 inches

Shipping Weight: 3.3 pounds

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The fact that I was required to buy this book for a class is horrific. Several PAGES of corrections now have to be distributed at the begining of the class. The author, who also taught the class at RPI when I took it has no idea how to teach efectively, in writing or in person. As soon as he stopped teaching it, the cirriculum was changed and his text eliminated. If you have any choice in the matter, do not buy this book!

this book includes all the topics that are necessary to thoroughly master the subject of electric circuits, and then some. not only are these topics included, but the material is brought together in an ideal manner, promoting intuitive understanding of the subject matter.

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