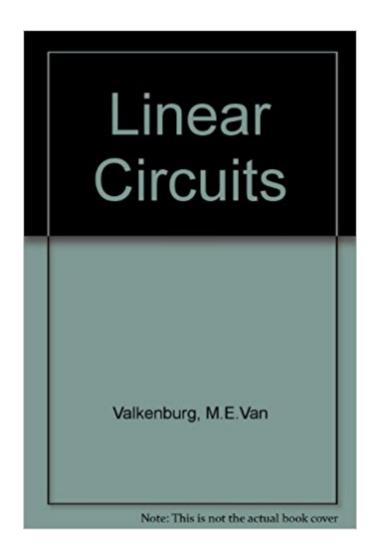


# The book was found

# **Linear Circuits**





## Synopsis

Basic topics included are: the Kirchhoff laws, an introduction to time domain, the sinusoidal steady state and the concept of impedance, Fourier methods, and the operational amplifier or "op amp". This book features numerous examples, exercises, and end-of-chapter problems, includes the development of Bode plots, stresses concepts rather than mathematical developments, and topics essential to electric circuits.

### **Book Information**

Hardcover: 448 pages Publisher: Prentice Hall College Div (February 1982) Language: English ISBN-10: 0135367220 ISBN-13: 978-0135367223 Package Dimensions: 9.3 x 7.1 x 1 inches Shipping Weight: 1.9 pounds Average Customer Review: 4.0 out of 5 stars 1 customer review Best Sellers Rank: #840,024 in Books (See Top 100 in Books) #110 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #4015 in Books > Engineering & Transportation > Engineering > Electrical & Electronics #4605 in Books > Science & Math > Nature & Ecology > Conservation

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This is an introductory text, on the subject of linear networks.Beginning with an explanation of what voltage and current are, the book works through Ohms and Kirchoff's laws, Thevinin and Norton equivalent circuits, loop and node analyses, RLC circuits, AC circuits, Fourier series and transforms, operational amplifiers, Bode plots and filters.

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