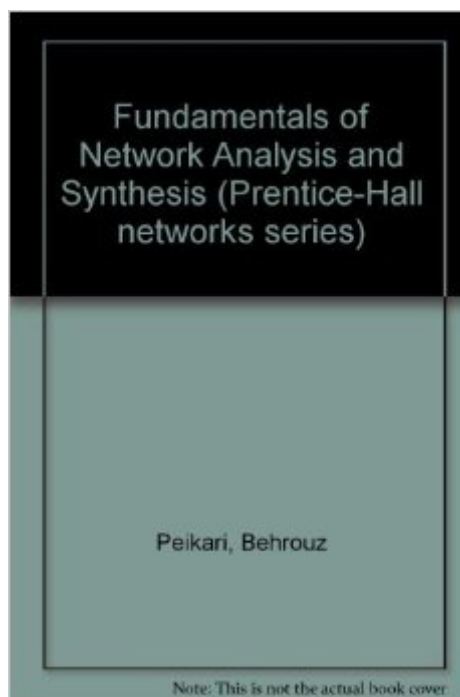


The book was found

Fundamentals Of Network Analysis And Synthesis (Prentice-Hall Electrical Engineering Series. Solid State Physical Electronics Series. Prentice-Hall Networks Series)



Book Information

Series: Prentice-Hall electrical engineering series. Solid state physical electronics series.

Prentice-Hall networks series

Hardcover: 544 pages

Publisher: Prentice Hall (July 1974)

Language: English

ISBN-10: 0133413217

ISBN-13: 978-0133413212

Product Dimensions: 9 x 6 x 0.5 inches

Shipping Weight: 1.9 pounds

Average Customer Review: 3.5 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #2,711,488 in Books (See Top 100 in Books) #60 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State

Customer Reviews

(Note: This review, written by Dr. George T. Cotter of the University of New Brunswick, originally appeared in the 1978 IEEE "Circuits and Systems", Vol. 12, No. 1; it refers to the 1974 edition.)A plethora of textbooks are available today dealing with the analysis and synthesis of circuits and systems. Peikari's book breathes fresh air into this somewhat confusing environment. Although much of the material is traditional, it is nonetheless up to date and well documented. What sets this book apart from most others in the area is that it is excellently written and motivating--qualities too often lacking in many technical textbooks. The level of this book is appropriate for first year graduate students and interested seniors. It should also be a welcome addition to the personal library of teachers of this material. It covers the areas of analysis and synthesis of linear, time-invariant networks as well as active, nonlinear, and time-varying networks. The author suggests a division into three parts: seven chapters on the traditional fundamentals of analysis; two chapters on classical synthesis and contemporary computer-aided design; and two chapters on small signal analysis of nonlinear networks and the stability problem--material of a more advanced nature. The topics covered are really no different from many other texts. However, the manner in which they are covered is striking: First of all, there is motivation in each section. Reasons are given for proceeding to the next topic. The examples are usually not trivial and are carefully chosen. Exceptions and pitfalls are clearly pointed out via "Remarks."

[Download to continue reading...](#)

Fundamentals of Network Analysis and Synthesis (Prentice-Hall electrical engineering series. Solid state physical electronics series. Prentice-Hall networks series) Optical Processes in Semiconductors (Prentice-Hall electrical engineering series. Solid state physical electronics series) Mosfet Modeling for VLSI Simulation: Theory And Practice (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology) The Physics And Modeling of Mosfets (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology (Unnumbered)) Fiber Optics and Optoelectronics (Prentice Hall Series in Solid State Physical Electronics) Waves and Fields in Optoelectronics (Prentice-Hall series in solid state physical electronics) Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) 4th (fourth) Edition by Turton, Richard, Bailie, Richard, Whiting, Wallace B., Shaei [2012] Power Systems Analysis (Prentice-Hall Series in Electrical and Computer Engineering) Prentice hall literature (common core edition) (teachers edition grade 6) (Prentice Hall and Texas Instruments Digital Signal Processing Series) Fundamentals of Quantum Mechanics: For Solid State Electronics and Optics Fundamentals of Solid-State Electronics: Solution Manual Fundamentals of Solid State Electronics Systems Engineering and Analysis (5th Edition) (Prentice Hall International Series in Industrial & Systems Engineering) Process Fluid Mechanics, (Prentice-Hall International Series in the Physical and Chemical Engineering Sciences) Electrochemical Systems (Prentice-Hall International Series in the Physical and Chemical Engineering Sciences) Logic Non-Volatile Memory:The NVM Solutions from eMemory (International Series on Advances in Solid State Electronics and Technology) Logic Non-Volatile Memory : The NVM Solutions from eMemory (International Series on Advances in Solid State Electronics) Extending Simple Network Management Protocol (SNMP) Beyond Network Management: A MIB Architecture for Network-Centric Services Basic Solid State Electronics: The Configuration and Management of Information Systems (5 Volume Set) Basic Solid-State Electronics, Complete Course (5 Vols. in 1)