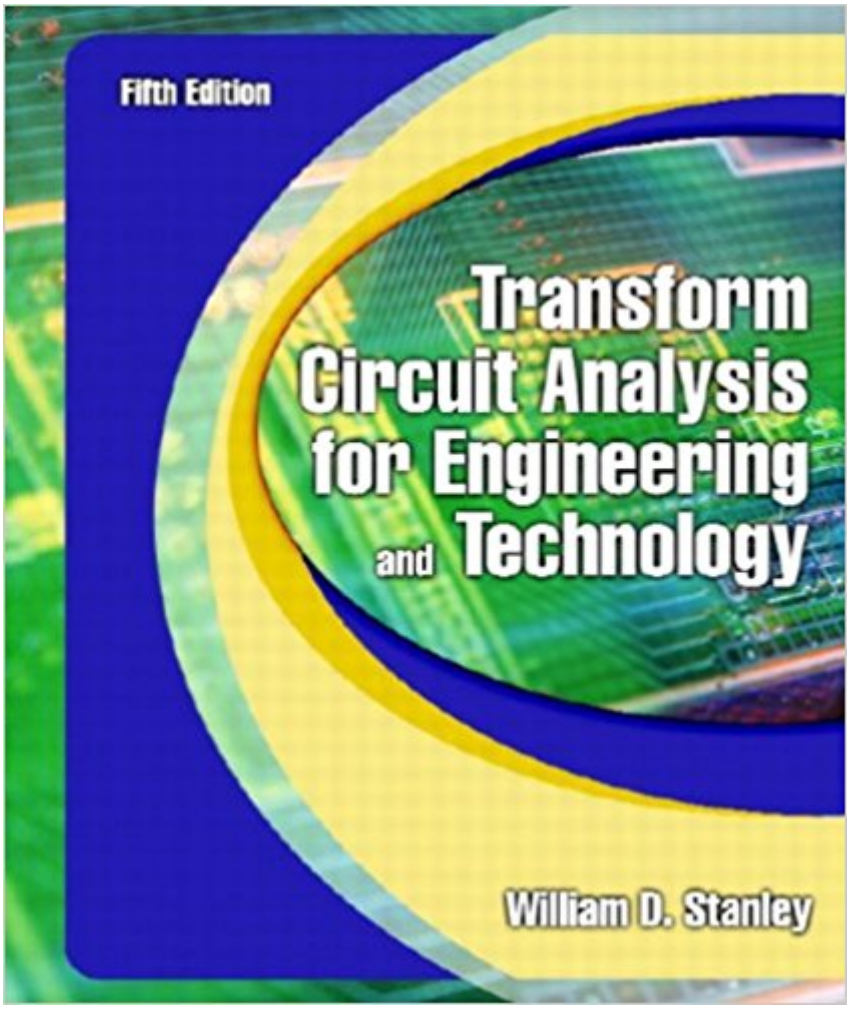
Transform Circuit Analysis For Engineering And Technology (5th Edition)



Synopsis

This book presents the fundamentals of transient circuit and system analysis with an emphasis on the LaPlace transform and pole-zero approach for analyzing and interpreting problems. Chapter topics cover introductory considerations, waveform analysis, circuit parameters, the basic time-domain circuit, LaPlace transform, circuit analysis by LaPlace transforms, system considerations, the sinusoidal steady state, Fourier analysis, and an introduction to discrete-time systems. For those individuals in engineering technology or applied engineering programs.

Book Information

Paperback: 487 pages

Publisher: Pearson; 5 edition (May 19, 2002)

Language: English

ISBN-10: 0130602590

ISBN-13: 978-0130602596

Product Dimensions: 7.4 x 1.3 x 8.9 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 stars 10 customer reviews

Best Sellers Rank: #266,576 in Books (See Top 100 in Books) #30 inÃ Â Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #31 inÃ Â Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #132 inÃ Â Books > Textbooks > Science & Mathematics > Mathematics > Geometry

Customer Reviews

This revision continues to present the fundamentals of transient circuit and system analysis with an emphasis on the Laplace transform and pole-zero approach for analyzing and interpreting problems. --This text refers to an out of print or unavailable edition of this title.

This revised edition is written for an advanced undergraduate circuit analysis course in an applied engineering or an upper-division engineering technology curriculum. This book can also serve as a reference for engineers and technologists. The first four chapters are devoted to time-domain considerations. Chapter 5 through 8 present transform-domain considerations. Chapter 9 deals with Fourier analysis and the concept of spectrum. Both the Fourier series and the Fourier transform are covered. Chapter 10 provides an introduction to discrete-time systems. The Electronics Workbench™ (EWB) examples found in the last section of most chapters have been modified

to work with Multisim, the newest version of EWB. The text also contains a number of MATLAB™ examples. As in the case of Multisim, coverage is optional and is not a prerequisite to other topics within the text. Appendix E provides a brief introduction to MATLAB to familiarize readers with the program the program. A free Instructor's Manual (ISBN0-13-060250-7) is available to instructors.

Excellent engineering reference on transform circuit analysis! A great desktopreference for the engineering tech. like myself and any electronics engineer orengineering student.

Got this used and it was in great condition. Good book on the topic, easy to read. I don't understand why these books don't give solutions to all the problems...seems to be something all text books have done from the beginning of time. That's silly.

it is the same exact book as the 5th edition except for the multisim example parts, which are few, and its about 130 dollars cheeper!!!!

Answers are wrong in the back of the book. Our professor also mentioned that the book has many mistakes.

Helpful

on time and in a good shapeon time and in a good shapeon time and in a good shape

it is a very useful tool, fast and in time, Very well. i love the product, it is very well balanced, has lot of weight to it, and it is very sharp. it cuts through bread so easily and makes perfect slices. quality. I'll be buying again. will buy next time.

delivery on time receive it next day . the price is cheap and the quality is high. It was a gift, they liked it a lot, works great. the old one has been broke in my family , will buy next time.

Transform Circuit Analysis for Engineering and Technology (5th Edition) Transform Circuit Analysis for Engineering and Technology (Electronic Technology) Integrated circuit devices and components (Integrated-circuit technology, analog and logic circuit design, memory and display devices)

Transform Circuit Analysis for Engineering and Technology (4th Edition) Winter Circuit (Show Circuit Series -- Book 2) (The Show Circuit) Summer Circuit (Show Circuit Series -- Book 1) The A Circuit (An A Circuit Novel Book 1) Off Course: An A Circuit Novel (The A Circuit) My Favorite Mistake: An A Circuit Novel (The A Circuit) Rein It In: An A Circuit Novel (The A Circuit) Systems Engineering and Analysis (5th Edition) (Prentice Hall International Series in Industrial & Systems Engineering) Analog Methods for Computer-Aided Circuit Analysis and Diagnosis (Electrical and Computer Engineering) Elementary Linear Circuit Analysis (The Oxford Series in Electrical and Computer Engineering) Basic Engineering Circuit Analysis Engineering Circuit Analysis Spartan Fit!: 30 Days. Transform Your Mind. Transform Your Body. Commit to Grit. Microelectronic Circuit Design, 5th Edition (Irwin Electronics & Computer Enginering) Engineering Materials Technology: Structures, Processing, Properties, and Selection (5th Edition) Introductory Circuit Analysis (12th Edition) Introductory Circuit Analysis (13th Edition)