

Miele Solution Hepa S5281 Vacuum Cleaner

Whether you are a student taking an introductory MEMS course or a practising engineer who needs to get up to speed quickly on MEMS design, this practical guide provides the hands-on experience needed to design, fabricate and test MEMS devices. You will learn how to use foundry multi-project fabrication processes for low-cost MEMS projects, as well as computer-aided design tools (layout, modeling) that can be used for the design of MEMS devices. Numerous design examples are described and analysed, from fields including micro-mechanics, electrostatics, optical MEMS, thermal MEMS and fluidic MEMS. There's also a final chapter on packaging and testing MEMS devices, as well as exercises and design challenges at the end of every chapter. Solutions to the design challenge problems are provided online.

Wind Forces in Engineering, Second Edition covers the various aspects, principles, and engineering applications of wind forces. This book is composed of 10 chapters and starts with an introduction to the history of wind forces. The subsequent chapters consider the wind speeds for various topographies; particular "shape factors" for general and special structures; oscillatory wind forces of a random or single-frequency type; and the dynamic response of structures to oscillatory wind forces. Other chapters deal with specific structures, such as buildings, bridges, towers, radar antennas, for static and dynamic wind loadings. The final chapter provides the Code of Practice which has been republished since 1972, including those for Australia, Canada, Great Britain and the U.S.A. These codes do not provide similar responses and are all essentially in a transitional state between the old static force concept and an improved statistical analysis to be based on more experimental evidences. This book will prove useful to engineers and researchers.

Now revised with a stronger emphasis on applications and more problems, this new Fourth Edition gives readers the opportunity to analyze, design, and evaluate linear circuits right from the start. The book's abundance of design examples, problems, and applications, promote creative skills and show how to choose the best design from several competing solutions. * Laplace first. The text's early introduction to Laplace transforms saves time spent on traditional circuit analysis techniques that will be superseded later on. Laplace transforms are used to explain all of the important dynamic circuit concepts, such as zero state and zero-input responses, impulse and step responses, convolution, frequency response, and Bode plots, and analog filter design. This approach provides students with a solid foundation for follow-up courses.

Embedded Systems Design with Platform FPGAs introduces professional engineers and students alike to system development using Platform FPGAs. The focus is on embedded systems but it also serves as a general guide to building custom computing systems. The text describes the fundamental technology in terms of hardware, software, and a set of principles to guide the development of Platform FPGA systems. The goal is to show how to systematically and creatively apply these principles to the construction of application-specific embedded system architectures. There is a strong focus on using free and open source software to increase productivity. Each chapter is organized into two parts. The white pages describe concepts, principles, and general knowledge. The gray pages provide a technical rendition of the main issues of the chapter and show the concepts applied in practice. This includes step-by-step details for a specific development board and tool chain so that the reader can carry out the same steps on their own. Rather than try to demonstrate the concepts on a broad set of tools and boards, the text uses a single set of tools (Xilinx Platform Studio, Linux, and GNU) throughout and uses a single developer board (Xilinx ML-510) for the examples. Explains how to use the Platform FPGA to meet complex design requirements and improve product performance Presents both fundamental concepts together with pragmatic, step-by-step instructions for building a system on a Platform FPGA Includes detailed case studies, extended real-world examples, and lab exercises

Concepts and Applications

Applied Digital Signal Processing

Fundamentals of Electrical Engineering

Barbappa's New House

Electronics and Communications for Scientists and Engineers

For courses in Signals and Systems offered in departments of Electrical Engineering. This book focuses on the mathematical analysis and design of analog signal processing using a just in time approach – new ideas and topics relevant to the narrative are introduced only when needed, and no chapters are stand alone.

Topics are developed throughout the narrative, and individual ideas appear frequently as needed.

This title is intended to present circuit analysis to engineering technology students in a manner that is clearer, more interesting and easier to understand than other texts. The book may also be used for a one-semester course by a proper selection of chapters and sections by the instructor.

Engineering system dynamics focuses on deriving mathematical models based on simplified physical representations of actual systems, such as mechanical, electrical, fluid, or thermal, and on solving these models for analysis or design purposes. System Dynamics for Engineering Students: Concepts and Applications features a classical approach to system dynamics and is designed to be utilized as a one-semester system dynamics text for upper-level undergraduate students with emphasis on mechanical, aerospace, or electrical engineering. It is the first system dynamics textbook to include examples from compliant (flexible) mechanisms and micro/nano electromechanical systems (MEMS/NEMS). This new second edition has been updated to provide more balance between analytical and computational approaches; introduces additional in-text coverage of controls; and includes numerous fully solved examples and exercises. Features a more balanced treatment of mechanical, electrical, fluid, and thermal systems than other texts Introduces examples from compliant (flexible) mechanisms and MEMS/NEMS Includes a chapter on coupled-field systems Incorporates MATLAB® and Simulink® computational software tools throughout the book Supplements the text with extensive instructor support available online: instructor's solution manual, image bank, and PowerPoint lecture slides NEW FOR THE SECOND EDITION Provides more balance between analytical and computational approaches, including integration of Lagrangian equations as another modelling technique of dynamic systems Includes additional in-text coverage of Controls, to meet the needs of schools that cover both controls and system dynamics in the course Features a broader range of applications, including additional applications in pneumatic and hydraulic systems, and new applications in aerospace, automotive, and bioengineering systems, making the book even more appealing to mechanical engineers Updates include new and revised examples and end-of-chapter exercises with a wider variety of engineering applications

This comprehensive and engaging textbook introduces the basic principles and techniques of signal processing, from the fundamental ideas of signals and systems theory to real-world applications. Students are introduced to the powerful foundations of modern signal processing, including the basic geometry of Hilbert space, the mathematics of Fourier transforms, and essentials of sampling, interpolation, approximation and compression. The authors discuss real-world issues and hurdles to using these tools, and ways of adapting them to overcome problems of finiteness and localization, the limitations of uncertainty, and computational costs. It includes over 160 homework problems and over 220 worked examples, specifically designed to test and expand students' understanding of the fundamentals of signal processing, and is accompanied by extensive online materials designed to aid learning, including Mathematics® resources and interactive demonstrations.

Control System Dynamics

CMOS Analog Design Using All-Region MOSFET Modeling

Discrete and Integrated

Electronics

Fundamentals of Digital Logic and Microcontrollers

Electronics play a central role in our everyday lives, being at the heart of much of today's essential technology - from mobile phones to computers, from cars to power stations. As such, all engineers, scientists and technologists need a basic understanding of this area, whilst many will require a far greater knowledge of the subject. The third edition of "Electronics: A Systems Approach" is an outstanding introduction to this fast-moving, important field. Fully updated, it covers the latest changes and developments in the world of electronics. It continues to use Neil Storey's well-respected systems approach, firstly explaining the overall concepts to build students' confidence and understanding, before looking at the more detailed analysis that follows. This allows the student to contextualise what the system is designed to achieve, before tackling the intricacies of the individual components. The book also offers an integrated treatment of analogue and digital electronics highlighting and exploring the common ground between the two fields. Throughout the book learning is reinforced by chapter objectives, end of chapter summaries, worked examples and exercises. This third edition is a significant update to the previous material, and includes: New chapters on Operational Amplifiers, Power Electronics, Implementing Digital Systems, and Positive Feedback, Oscillators and Stability . A new appendix providing a useful source of Standard Op-amp Circuits New material on CMOS, BiFET and BiMOS Op-amps New treatment of Single-Chip Microcomputers A greatly increased number of worked examples within the text Additional Self-Assessment questions at the end of each chapter Dr. Neil Storey is a member of the School of Engineering at the University of Warwick, where he has many years of experience in teaching electronics to a wide-range of undergraduate, postgraduate and professional engineers. He is also the author of "Safety-Critical Computer Systems" and "Electrical and Electronic Systems" both published by Pearson Education.

This textbook is ideal for a course in engineering systems dynamics and controls. The work is a comprehensive treatment of the analysis of lumped parameter physical systems. Starting with a discussion of mathematical models in general, and ordinary differential equations, the book covers input/output and state space models, computer simulation and modeling methods and techniques in mechanical, electrical, thermal and fluid domains. Frequency domain methods, transfer functions and frequency response are covered in detail. The book concludes with a treatment of stability, feedback control (PID, lead-lag, root locus) and an introduction to discrete time systems. This new edition features many new and expanded sections on such topics as: solving stiff systems, operational amplifiers, electrohydraulic servovalves, using Matlab with transfer functions, using Matlab with frequency response, Matlab tutorial and an expanded Simulink tutorial. The work has 40% more end-of-chapter exercises and 30% more examples.

A New York Times Notable Book of the Year A Washington Post Notable Book of the Year One of Amazon's 20 Best Books of the Year Named one of the Best Books of the Year by Buzzfeed, Bustle, NPR, NYLON, and Thrillist Finalist for the Goodreads Book Award (Nonfiction) Finalist for the Edgar Award (Best Fact Crime) A Book of the Month Club Selection A New York Times Book Review Editors' Choice Selection "A brisk, captivating and expertly crafted reconstruction of a community living through a time of fear.... Masterful." —Washington Post The arsonists started on a cold November midnight and didn't stop for months. Night after night, the people of Accomack County wanted to see which building would burn down next, regarding each other at first with compassion, and later suspicion. Vigilante groups spring up, patrolling the rural Virginia coast with cameras and camouflage. Volunteer firefighters slept at their stations. The arsonists seemed to target abandoned buildings, but local police were stretched too thin to surveil them all. Accomack was desolate—there were hundreds of abandoned buildings. And by the dozen they were burning. "One of the year's best and most unusual true-crime books" (Christian Science Monitor), American Fire brings to vivid life the reeling county of Accomack. "Ace reporter" (Entertainment Weekly) Monica Hesse spent years investigating the story, emerging with breathtaking portraits of the arsonists—troubled addict Charlie Smith and his girlfriend, Tonya Bundick. Tracing the shift in their relationship from true love to crime spree, Hesse also conjures the once-thriving coastal community, decimated by a punishing economy and increasingly suspicious of their neighbors as the culprits remained at large. Weaving the story into the history of arson in the United States, the critically acclaimed American Fire re-creates the anguished nights this quiet county lit up in flames, evoking a microcosm of rural America—a land half-gutted before the fires began.

This practical resource introduces electrical and electronic principles and technology covering theory through detailed examples, enabling students to develop a sound understanding of the knowledge required by technicians in fields such as electrical engineering, electronics and telecommunications. No previous background in engineering is assumed, making this an ideal text for vocational courses at

Levels 2 and 3, foundation degrees and introductory courses for undergraduates.

Analog Circuit Design

Loose Leaf for Principles and Applications of Electrical Engineering

Wind Forces in Engineering

The Quake

System Dynamics for Engineering Students

A textbook for engineers on the basic techniques in the analysis and design of automatic control systems.

Updated to reflect the latest advances in the field, the Sixth Edition of Fundamentals of Digital Logic and Microcontrollers further enhances its reputation as the most accessible introduction to the basic principles and tools required in the design of digital systems. Features updates and revision to more than half of the material from the previous edition Offers an all-encompassing focus on the areas of computer design, digital logic, and digital systems, unlike other texts in the marketplace Written with clear and concise explanations of fundamental topics such as number system and Boolean algebra, and simplified examples and tutorials utilizing the PIC18F4321 microcontroller Covers an enhanced version of both combinational and sequential logic design, basics of computer organization, and microcontrollers

Master the basic concepts and methodologies of digital signal processing with this systematic introduction, without the need for an extensive mathematical background. The authors lead the reader through the fundamental mathematical principles underlying the operation of key signal processing techniques, providing simple arguments and cases rather than detailed general proofs. Coverage of practical implementation, discussion of the limitations of particular methods and plentiful MATLAB illustrations allow readers to better connect theory and practice. A focus on algorithms that are of theoretical importance or useful in real-world applications ensures that students cover material relevant to engineering practice, and equips students and practitioners alike with the basic principles necessary to apply DSP techniques to a variety of applications. Chapters include worked examples, problems and computer experiments, helping students to absorb the material they have just read.

Lecture slides for all figures and solutions to the numerous problems are available to instructors.

Electronics and Communications for Scientists and Engineers, Second Edition, offers a valuable and unique overview on the basics of electronic technology and the internet. Class-tested over many years with students at Northwestern University, this useful text covers the essential electronics and communications topics for students and practitioners in engineering, physics, chemistry, and other applied sciences. It describes the electronic underpinnings of the World Wide Web and explains the basics of digital technology, including computing and communications, circuits, analog and digital electronics, as well as special topics such as operational amplifiers, data compression, ultra high definition TV, artificial intelligence, and quantum computers. Incorporates comprehensive updates and expanded material in all chapters where appropriate Includes new problems added throughout the text Features an updated section on RLC circuits Presents revised and new content in Chapters 7, 8, and 9 on digital systems, showing the many changes and rapid progress in these areas since 2000

Laplace Early

Foundations of Signal Processing

The Speeches of Barack Obama - A Primer

System Dynamics and Response

Analysis and Design Applying Matlab

Principles and Applications of Electrical Engineering provides an overview of the electrical engineering discipline specifically geared toward non-electrical engineering students. The hallmark feature of the text is its use of practical applications to illustrate important principles. The applications come from every field of engineering and feature exciting technologies. The principal objective of the book is to present the principles of electrical, electronic, and electromechanical engineering to an audience of engineering majors enrolled in introductory and more advanced or specialized electrical engineering courses. A second objective is to present these principles with a focus on important results and common yet effective analytical and computational tools to solve practical problems. Finally, a third objective of the book is to illustrate, by way of concrete, fully worked examples, a number of relevant applications of electrical engineering. These examples are drawn from the authors' industrial research experience and from ideas contributed by practicing engineers and industrial partners.

The simulation of complex, integrated engineering systems is a core tool in industry which has been greatly enhanced by the MATLAB® and Simulink® software programs. The second edition of Dynamic Systems: Modeling, Simulation, and Control teaches engineering students how to leverage powerful simulation environments to analyze complex systems. Designed for introductory courses in dynamic systems and control, this textbook emphasizes practical applications through numerous case studies—derived from top-level engineering from the AMSE Journal of Dynamic Systems. Comprehensive yet concise chapters introduce fundamental concepts while demonstrating physical engineering applications. Aligning with current industry practice, the text covers essential topics such as analysis, design, and control of physical engineering systems, often composed of interacting mechanical, electrical, and fluid subsystem components. Major topics include mathematical modeling, system-response analysis, and feedback control systems. A wide variety of end-of-chapter problems—including conceptual problems, MATLAB® problems, and Engineering Application problems—help students understand and perform numerical simulations for integrated systems.

Written in a concise, easy-to-read style, this text for senior undergraduate and graduate courses covers all key topics thoroughly. It is also a useful self-study guide for practising engineers who need a complete, up-to-date review of the subject. Key features:

- Rigorous theoretical treatment combined with practical detail
- A theoretical framework built up systematically from the Schrödinger Wave Equation and the Boltzmann Transport Equation
- Covers MOSFETS, HBTs and HJFETS
- Uses the PSP model for MOSFETS
- Rigorous treatment of device capacitance
- Describes the operation of modern, high-performance transistors and diodes
- Evaluates the suitability of various transistor types and diodes for specific modern applications
- Covers solar cells and LEDs and their potential impact on energy generation and reduction
- Includes a chapter on nanotransistors to prepare students and professionals for the future
- Provides results of detailed numerical simulations to compare with analytical solutions
- End-of-chapter exercises
- Online lecture slides for undergraduate and graduate courses

Explores the victories and controversies of Obama's campaign through his mesmerizing speeches.

Differential Forms and Applications

Theory and Practice

A Systems Approach

Physics of Semiconductor Devices

Electric Machines

""To understand the system of units and standard prefixes used throughout the text -To review the fundamental building blocks, e.g. charge, current, voltage, and power -To learn the definition and symbols employed to describe the sources, both independent and dependent, that represent the forcing functions for electric circuits -To present Tellegen's theorem and describe its usefulness in circuit analysis."--

A story for young readers. An earthquake hits Wellington when Hannah is in the bath. The lights are out, her mum and dad are out, and Hannah has to look after little Ollie and find Alex who is hurt. There's much damage all around, and people killed too. From the publisher's 'Extreme' series.

Provides detailed, clear explanations of the fundamentals of electrical engineering, keeping readers focused on the basics. Maintains a strong emphasis on vocabulary throughout, encouraging further thought and communication based on chapter discussions. This book carefully explores the unifying themes of Electrical Engineering, maintaining a low level of detail and abstract theory. Topics include: Electric Power Systems, The Physical Basis of Electromechanics, Magnetic Structures and Electrical Transformers, The Synchronous Machine, Induction Motors, Direct-Current Motors, and Power Electronic Systems.

This quirky novel - a bestseller in India - chronicles an Indian student's year abroad at an American university. Gopal's hilarious misadventures with the American language, his flamboyant landlady, the ubiquitous hamburger, and, most of all, American women form the basis for this wonderfully truthful story. Faced with the relentless sexuality of his fellow college students, the quintessentially decent Gopal reacts with a mixture of disbelief, sly amusement, and hormonal overload. Throughout his battles with racism, his own insecurity, and his family's warning that he will be severely judged should he dabble in America's temptations, Gopal retains a dignity and surprising shrewdness, rejecting the worst of what American offers even as he recognizes the best. Following reluctantly behind the outrageous leadership of his American friend Randy, the naive but observant Gopal reacts with a wit that far transcends his linguistic limitations.

Understanding Modern Transistors and Diodes

Essentials of Electrical and Computer Engineering

Principles and Practices

Solutions Manual (Chapters 10-19)

Dynamic Systems

This text contains sufficient material for a single semester core course in electric machines and energy conversion, while allowing some selectivity among the topics covered by the latter sections of Chapters 3-7 depending on a school's curriculum. The text can work for either a course in energy design principles and analysis with an optional design project, or for a capstone design course that principles. A unique feature of "Electric Machines: Analysis and Design Applying MATLAB" is its integration of the popular interactive computer software MATLAB to handle the tedious calculations arising in electric machine analysis. As a result, more exact models of devices can be retained for analysis rather than the approximate models commonly introduced for the sake of computational simplicity. Addresses the important issues of documentation and testing. * A chapter on project management provides practical suggestions for organizing design teams, scheduling tasks, monitoring progress, and reporting status of design projects. * Explains both creative and linear thinking and relates the types of thinking to the productivity of the design engineers and novelty of the end design. Places emphasis on developing intuition and physical insight. This title includes numerous examples and problems that have been carefully thought out to promote problem solving methodologies of the type engineers apply daily on the job.

With the rapid growth of wireless technologies, more and more people are trying to gain a better understanding of electromagnetics. After all, electromagnetic fields have a direct impact on reception in all wireless applications. This text explores electromagnetics, presenting practical applications for wireless systems, transmission lines, waveguides, antennas, electromagnetic interference, and more - or two-semester electromagnetics sequence for electrical engineering students at the junior and senior level. The first book on the subject to tackle the impact of electromagnetics on wireless applications: Includes numerous worked-out example problems that provide you with hands-on experience in solving electromagnetic problems. Describes a number of practical applications that show how concise summary at the end of each chapter that reinforces the key points. Detailed MATLAB examples are integrated throughout the book to enhance the material.

A Guide to Hands-on MEMS Design and Prototyping

Electrical and Electronic Principles and Technology

Analog Signals and Systems

Applied Circuit Analysis

Introduction to Wireless Systems

Kira Miller and David Desh return in the highly-anticipated sequel to the NY Times & USA Today bestseller, WIRED. Kira Miller is a brilliant scientist who discovers how to temporarily boost human IQ to dizzying levels. But this transcendent intelligence brings with it a ruthless megalomania. Determined to use her discovery to propel human civilization to a higher plane, despite this side effect, Kira and ex-special forces operative David Desh recruit a small group of accomplished scientists, all of whom are safely off the grid. Or so they think . . . Soon Kira and her team are fighting for their lives against unknown but powerful adversaries. Worse still, while on the run and being relentlessly attacked from all quarters, Kira comes across evidence of savage acts that the enhanced version of Desh kept hidden, even from himself. Now both she and Desh must question everything they think they know. Can they trust each other? Can they ever trust themselves? And all the while, the greatest threat of all may be coming from an entirely unexpected direction. A threat that could lead to devastation on a global scale. And time is quickly running out. . . Like its predecessor, AMPED is a smart thriller crammed with breakneck action, unexpected twists, mind-blowing science, and philosophical and ethical concepts readers will be contemplating long after they've read the last page.

An application of differential forms for the study of some local and global aspects of the differential geometry of surfaces. Differential forms are introduced in a simple way that will make them attractive to "users" of mathematics. A brief and elementary introduction to differentiable manifolds is given so that the main theorem, namely Stokes' theorem, can be presented in its natural setting. The applications consist in developing the method of moving frames expounded by E. Cartan to study the local differential geometry of immersed surfaces in R3 as well as the intrinsic geometry of surfaces. This is then collated in the last chapter to present Chern's proof of the Gauss-Bonnet theorem for compact surfaces. As engineering systems become more increasingly interdisciplinary, knowledge of both mechanical and electrical systems has become an asset within the field of engineering. All engineers should have general facility with modeling of dynamic systems and determining their response and it is the objective of this book to provide a framework for that understanding. The study material is presented in four distinct parts; the mathematical modeling of dynamic systems, the mathematical solution of the differential equations and integro differential equations obtained during the modeling process, the response of dynamic systems, and an introduction to feedback control systems and their analysis. An Appendix is provided with a short introduction to MATLAB as it is frequently used within the text as a computational tool, a programming tool, and a graphical tool. SIMULINK, a MATLAB based simulation and modeling tool, is discussed in chapters where the development of models use either the transfer function approach or the state-space method.

The fourth edition of "Principles and Applications of Electrical Engineering" provides comprehensive coverage of the principles of electrical, electronic, and electromechanical engineering to non-electrical engineering majors. Building on the success of previous editions, this text focuses on relevant and practical applications that will appeal to all engineering students.

Introduction to Circuit Analysis and Design

Embedded Systems Design with Platform FPGAs

An American Story

Dynamic Modeling and Control of Engineering Systems

Design for Electrical and Computer Engineers

Introduction to Circuit Analysis and Design takes the view that circuits have inputs and outputs, and that relations between inputs and outputs and the terminal characteristics of circuits at input and output ports are all-important in analysis and design. Two-port models, input resistance, output impedance, gain, loading effects, and frequency response are treated in more depth than is traditional. Due attention to these topics is essential preparation for design, provides useful preparation for subsequent courses in electronic devices and circuits, and eases the transition from circuits to systems.

Provides necessary training in the field of mobile communications.

The theory of probability is a powerful tool that helps electrical and computer engineers to explain, model, analyze, and design the technology they develop. The text begins at the advanced undergraduate level, assuming only a modest knowledge of probability, and progresses through more complex topics mastered at graduate level. The first five chapters cover the basics of probability and both discrete and continuous random variables. The later chapters have a more specialized coverage, including random vectors, Gaussian random vectors, random processes, Markov Chains, and convergence. Describing tools and results that are used extensively in the field, this is more than a textbook; it is also a reference for researchers working in communications, signal processing, and computer network traffic analysis. With over 300 worked examples, some 800 homework problems, and sections for exam preparation, this is an essential companion for advanced undergraduate and graduate students. Further resources for this title, including solutions (for Instructors only), are available online at www.cambridge.org/9780521864701.

Physics of Semiconductor Devices covers both basic classic topics such as energy band theory and the gradual-channel model of the MOSFET as well as advanced concepts and devices such as MOSFET short-channel effects, low-dimensional devices and single-electron transistors. Concepts are introduced to the reader in a simple way, often using comparisons to everyday-life experiences such as simple fluid mechanics. They are then explained in depth and mathematical developments are fully described. Physics of Semiconductor Devices contains a list of problems that can be used as homework assignments or can be solved in class to exemplify the theory. Many of these problems make use of Matlab and are aimed at illustrating theoretical concepts in a graphical manner.

Principles and Applications of Electrical Engineering

The Inscrutable Americans

Probability and Random Processes for Electrical and Computer Engineers

American Fire: Love, Arson, and Life in a Vanishing Land

Ampe

Rizzoni's Fundamentals of Electrical Engineering provides a solid overview of the electrical engineering discipline that is especially geared toward the many non-electrical engineering students who take this course. The book was developed to fit the growing trend of the Intro to EE course morphing into a briefer, less comprehensive course. The hallmark feature of this text is its liberal use of practical applications to illustrate important principles. The applications come from every field of engineering and feature exciting technologies. The appeal to non-engineering students are the special features such as Focus on Measurement sections, Focus on Methodology sections, and Make the Connections sidebars.

Full of gentle humour, every Barbappa story celebrates the power of family and friends. In this story, Barbappa and his family have to find a perfect new home after their old one is turned into apartments.

The essentials of analog circuit design with a unique all-region MOSFET modeling approach.

Foundations of Electronics

Modeling, Simulation, and Control

Fundamentals of Electromagnetics with Engineering Applications

The Analysis and Design of Linear Circuits