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Books in Series Jun 16 2021 Vols. for 1980- issued in three parts: Series, Authors, and Titles. Electric Motor Maintenance and Troubleshooting, 2nd Edition Feb 10 2021 A fully up-to-date, hands-on guide to electric motors Keep electric motors running at peak performance! Electric Motor Maintenance and Troubleshooting, Second Edition explains in detail how all types of AC and DC motors work. Essential for anyone who needs to buy, install, troubleshoot, maintain, or repair small to industrial-size electric motors, this practical guide contains new information on three-phase motors along with coverage of the latest test instruments. Drawing on his more

than 40 years of experience working with electric motors, expert author Augie Hand provides a wealth of tested procedures to pinpoint and correct any kind of issue. He'll help you decide whether to replace a motor, take it offline for repair, or repair it in place--decisions that can reduce down time. End-of-chapter questions reinforce the material covered in the book. Quickly and accurately diagnose electric motor problems and find effective solutions with help from this fully updated classic. *Electric Motor Maintenance and Troubleshooting, Second Edition* covers: Troubleshooting and testing DC machines AC electric motor theory Single-phase motors Three-phase induction motors Troubleshooting less common motors, including synchronous, two-speed one-winding, and multispeed Test instruments and services

The Uninhabitable Earth May 16 2021 #1 NEW YORK TIMES BESTSELLER • "The Uninhabitable Earth hits you like a comet, with an overflow of insanely lyrical prose about our pending Armageddon."—Andrew Solomon, author of *The Noonday Demon* With a new afterword It is worse, much worse, than you think. If your anxiety about global warming is dominated by fears of sea-level rise, you are barely scratching the surface of what terrors are possible—food shortages, refugee emergencies, climate wars and economic devastation. An "epoch-defining book" (*The Guardian*) and "this generation's *Silent Spring*" (*The Washington Post*), *The Uninhabitable Earth* is both a travelogue of the near future and a meditation on how that future will look to those living through it—the ways that warming promises to transform global politics, the meaning of technology and nature in the modern world, the sustainability of capitalism and the trajectory of human progress. *The Uninhabitable Earth* is also an impassioned call to action. For just as the world was brought to the brink of catastrophe within the span of a lifetime, the responsibility to avoid it now belongs to a single generation—today's. Praise for *The Uninhabitable Earth* "The Uninhabitable Earth is the most terrifying book I have ever read. Its subject is climate change, and its method is scientific, but its mode is Old Testament. The book is a meticulously documented, white-knuckled tour through the cascading catastrophes that will soon engulf our warming planet."—Farhad Manjoo, *The New York Times* "Riveting. . . . Some readers will find Mr. Wallace-Wells's outline of possible futures alarmist. He is indeed alarmed. You should be, too."—*The Economist* "Potent and evocative. . . . Wallace-Wells has resolved to offer something other than the standard narrative of climate change. . . . He avoids the 'eerily banal language of climatology' in favor of lush, rolling prose."—Jennifer Szalai, *The New York Times* "The book has potential to be this generation's *Silent Spring*."—*The Washington Post* "The Uninhabitable Earth, which has become a best seller, taps into the underlying emotion of the day: fear. . . . I encourage people to read this book."—Alan Weisman, *The New York Review of Books*

Direct-current Machinery Nov 02 2022

Catalogue of Title-entries of Books and Other Articles Entered in the Office of the Librarian of Congress, at Washington, Under the Copyright Law ... Wherein the Copyright Has Been Completed by the Deposit of Two Copies in the Office Jun 24 2019

Explosives and Blasting Procedures Manual Dec 11 2020

Electrical Machines; Direct & Alternating Current Mar 26 2022

Rock Slope Engineering Jul 26 2019 *Rock Slope Engineering* covers the investigation, design, excavation and remediation of man-made rock cuts and natural slopes, primarily for civil engineering applications. It presents design information on structural geology, shear strength of rock and ground water, including weathered rock. Slope design methods are discussed for planar, wedge, circular and toppling failures, including seismic design and numerical analysis. Information is also provided on blasting, slope stabilization, movement monitoring and civil

engineering applications. This fifth edition has been extensively up-dated, with new chapters on weathered rock, including shear strength in relation to weathering grades, and seismic design of rock slopes for pseudo-static stability and Newmark displacement. It now includes the use of remote sensing techniques such as LiDAR to monitor slope movement and collect structural geology data. The chapter on numerical analysis has been revised with emphasis on civil applications. The book is written for practitioners working in the fields of transportation, energy and industrial development, and undergraduate and graduate level courses in geological engineering.

Scientific and Technical Books in Print Sep 19 2021

The Place of Play May 04 2020 A fascinating, eclectic analysis of the changing geographies of play in contemporary society.

Electric Machinery Oct 28 2019 This seventh edition of Fitzgerald and Kingsley's Electric Machinery by Stephen Umans was developed recognizing the strength of this classic text since its first edition has been the emphasis on building an understanding of the fundamental physical principles underlying the performance of electric machines. Much has changed since the publication of the first edition, yet the basic physical principles remain the same, and this seventh edition is intended to retain the focus on these principles in the context of today's technology.

Principles of Power System Apr 02 2020 The subject of power systems has assumed considerable importance in recent years and growing demand for a compact work has resulted in this book. A new chapter has been added on Neutral Grounding.

Engineering Electromagnetics Apr 14 2021 Engineering Electromagnetics provides a solid foundation in electromagnetics fundamentals by emphasizing physical understanding and practical applications. Electromagnetics, with its requirements for abstract thinking, can prove challenging for students. The authors' physical and intuitive approach has produced a book that will inspire enthusiasm and interest for the material. Benefiting from a review of electromagnetic curricula at several schools and repeated use in classroom settings, this text presents material in a rigorous yet readable manner. FEATURES/BENEFITS Starts with coverage of transmission lines before addressing fundamental laws, providing a smooth transition from circuits to electromagnetics. Emphasizes physical understanding and the experimental bases of fundamental laws. Offers detailed examples and numerous practical end-of-chapter problems, with each problem's topical content clearly identified. Provides historical notes, abbreviated biographies, and hundreds of footnotes to motivate interest and enhance understanding. Back Cover Benefiting from a review of electromagnetics curricula at several schools and repeated use in classroom settings, this text presents material in a comprehensive and practical yet readable manner. Features: Starts with coverage of transmission lines before addressing fundamental laws, providing a smooth transition from circuits to electromagnetics. Emphasizes physical understanding and the experimental bases of fundamental laws. Offers detailed examples and numerous practical end-of-chapter problems, with each problem's topical content clearly identified. Provides historical notes, abbreviated biographies, and hundreds of footnotes to motivate interest and enhance understanding.

Electrical Machines & Power Systems (Problems With Solutions) Jan 12 2021 This book contains problems in Electrical Machines & Power Systems (Problems with Solutions). I have used these and other problems in the class room for many years. In most of the solutions I have deliberately avoided giving theoretical explanations, because an average student should

know the they well before attempting to solve any proble. However, in each chapter, I have provided a brief introduction related to the chapter so that students are made aware of the contents of the chapter before reading the problems and their solutions. The introduction related to each chapter contains Objective type Questions and their answers. The introductions contains brief notes on the topics of the chapters and also include Indian Standards for testing and maintenance of substation, equipments, transformer, overhead lines, underground cables and materials.

Electric Machines Sep 07 2020 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 follows an introductory course in energy device 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.

The New Sultan Oct 21 2021 In a world of rising tensions between Russia and the United States, the Middle East and Europe, Sunnis and Shiites, Islamism and liberalism, Turkey is at the epicentre. And at the heart of Turkey is its right-wing populist president, Recep Tayyip Erdo?an. Since 2002, Erdo?an has consolidated his hold on domestic politics while using military and diplomatic means to solidify Turkey as a regional power. His crackdown has been brutal and consistent - scores of journalists arrested, academics officially banned from leaving the country, university deans fired and many of the highest-ranking military officers arrested. In some senses, the nefarious and failed 2016 coup has given Erdo?an the licence to make good on his repeated promise to bring order and stability under a 'strongman'. Here, leading Turkish expert Soner Cagaptay will look at Erdo?an's roots in Turkish history, what he believes in and how he has cemented his rule, as well as what this means for the world. The book will also unpick the 'threats' Erdogan has worked to combat - from the liberal Turks to the Gulen movement, from coup plotters to Kurdish nationalists - all of which have culminated in the crisis of modern Turkey.

The Cambridge Handbook of Compliance Mar 02 2020 Compliance has become key to our contemporary markets, societies, and modes of governance across a variety of public and private domains. While this has stimulated a rich body of empirical and practical expertise on compliance, thus far, there has been no comprehensive understanding of what compliance is or how it influences various fields and sectors. The academic knowledge of compliance has remained siloed along different disciplinary domains, regulatory and legal spheres, and mechanisms and interventions. This handbook bridges these divides to provide the first one-stop overview of what compliance is, how we can best study it, and the core mechanisms that shape it. Written by leading experts, chapters offer perspectives from across law, regulatory studies, management science, criminology, economics, sociology, and psychology. This volume is the definitive and comprehensive account of compliance.

Electric Machinery Fundamentals Jun 28 2022 Electric Machinery Fundamentals continues to be a best-selling machinery text due to its accessible, student-friendly coverage of the important topics in the field. Chapman's clear writing persists in being one of the top features of the book. Although not a book on MATLAB, the use of MATLAB has been

enhanced in the fourth edition. Additionally, many new problems have been added and remaining ones modified. *Electric Machinery Fundamentals* is also accompanied by a website that provides solutions for instructors, as well as source code, MATLAB tools, and links to important sites for students.

Vocational-technical Learning Materials Jan 30 2020

Blasting Guidance Manual Jul 18 2021

Catalog of Copyright Entries. Third Series Dec 23 2021 Includes Part 1, Number 1: Books and Pamphlets, Including Serials and Contributions to Periodicals (January - June)

Electric Machinery Sep 27 2019

Introduction to Electric Circuits Dec 31 2019 Dorf and Svoboda's text builds on the strength of previous editions with its emphasis on real-world problems that give students insight into the kinds of problems that electrical and computer engineers are currently addressing. Students encounter a wide variety of applications within the problems and benefit from the author team's enormous breadth of knowledge of leading edge technologies and theoretical developments across Electrical and Computer Engineering's subdisciplines.

Numerical Techniques in Electromagnetics, Second Edition Feb 22 2022 As the availability of powerful computer resources has grown over the last three decades, the art of computation of electromagnetic (EM) problems has also grown - exponentially. Despite this dramatic growth, however, the EM community lacked a comprehensive text on the computational techniques used to solve EM problems. The first edition of *Numerical Techniques in Electromagnetics* filled that gap and became the reference of choice for thousands of engineers, researchers, and students. The Second Edition of this bestselling text reflects the continuing increase in awareness and use of numerical techniques and incorporates advances and refinements made in recent years. Most notable among these are the improvements made to the standard algorithm for the finite difference time domain (FDTD) method and treatment of absorbing boundary conditions in FDTD, finite element, and transmission-line-matrix methods. The author also added a chapter on the method of lines. *Numerical Techniques in Electromagnetics* continues to teach readers how to pose, numerically analyze, and solve EM problems, give them the ability to expand their problem-solving skills using a variety of methods, and prepare them for research in electromagnetism. Now the Second Edition goes even further toward providing a comprehensive resource that addresses all of the most useful computation methods for EM problems.

Electric Machines: Theory, Operating Applications, and Controls, 2/e Aug 31 2022 Retaining The Student-Friendly Style Of The First Edition, This Unique Text Fills A Gap In The Available Electronics And Computer Technology Texts By Devoting More Time To Current Industrial Requirements. It Presents Ac Machines And Transformers Before Dc Machines, Motors Before Generators, Gives More Attention To Machine Characteristics, And Makes Extensive Use Of Nema Standards And Tables. The Self-Contained Nature Of Each Chapter Gives Instructors Significant Freedom In Course Development.

The ICU Book Aug 19 2021 This best-selling resource provides a general overview and basic information for all adult intensive care units. The material is presented in a brief and quick-access format which allows for topic and exam review. It provides enough detailed and specific information to address most all questions and problems that arise in the ICU. Emphasis on fundamental principles in the text should prove useful for patient care outside the ICU as well. New chapters in this edition include hyperthermia and hypothermia syndromes; infection control in the ICU; and severe airflow obstruction. Sections have been reorganized and

consolidated when appropriate to reinforce concepts.

The Publishers' Trade List Annual Nov 21 2021

Engineering and Chemical Thermodynamics Oct 01 2022 Chemical engineers face the challenge of learning the difficult concept and application of entropy and the 2nd Law of Thermodynamics. By following a visual approach and offering qualitative discussions of the role of molecular interactions, Koretsky helps them understand and visualize thermodynamics. Highlighted examples show how the material is applied in the real world. Expanded coverage includes biological content and examples, the Equation of State approach for both liquid and vapor phases in VLE, and the practical side of the 2nd Law. Engineers will then be able to use this resource as the basis for more advanced concepts.

Books in Print Jul 06 2020

Manual of Meat Inspection Procedures of the United States Department of Agriculture Nov 29 2019

Integrated Solid Waste Management for Local Governments Oct 09 2020 Improving solid waste management is crucial for countering public health impacts of uncollected waste and environmental impacts of open dumping and burning. This practical reference guide introduces key concepts of integrated solid waste management and identifies crosscutting issues in the sector, derived mainly from field experience in the technical assistance project *Mainstreaming Integrated Solid Waste Management in Asia*. This guide contains over 40 practice briefs covering solid waste management planning, waste categories, waste containers and collection, waste processing and diversion, landfill development, landfill operations, and contract issues.

The Theoretical Minimum Jan 24 2022 A master teacher presents the ultimate introduction to classical mechanics for people who are serious about learning physics "Beautifully clear explanations of famously 'difficult' things," -- *Wall Street Journal* If you ever regretted not taking physics in college -- or simply want to know how to think like a physicist -- this is the book for you. In this bestselling introduction to classical mechanics, physicist Leonard Susskind and hacker-scientist George Hrabovsky offer a first course in physics and associated math for the ardent amateur. Challenging, lucid, and concise, *The Theoretical Minimum* provides a tool kit for amateur scientists to learn physics at their own pace.

Fundamentals of Electric Circuits Apr 26 2022 For use in an introductory circuit analysis or circuit theory course, this text presents circuit analysis in a clear manner, with many practical applications. It demonstrates the principles, carefully explaining each step.

Books in Series in the United States Nov 09 2020

Emmy and the Incredible Shrinking Rat Jul 30 2022 Emmy was a good girl. At least she tried very hard to be good. She did her homework without being told. She ate all her vegetables, even the slimy ones. And she never talked back to her nanny, Miss Barmy, although it was almost impossible to keep quiet, some days. She really was a little too good. Which is why she liked to sit by the Rat. The Rat was not good at all . . . Hilarious, inventive, and irresistibly rodent-friendly, *Emmy and the Incredible Shrinking Rat* is a fantastic first novel from acclaimed picture book author Lynne Jonell.

Life 3.0 Jun 04 2020 *New York Times Best Seller* How will Artificial Intelligence affect crime, war, justice, jobs, society and our very sense of being human? The rise of AI has the potential to transform our future more than any other technology—and there's nobody better qualified or situated to explore that future than Max Tegmark, an MIT professor who's helped mainstream research on how to keep AI beneficial. How can we grow our prosperity through automation without leaving people lacking income or purpose? What career advice should we give today's

kids? How can we make future AI systems more robust, so that they do what we want without crashing, malfunctioning or getting hacked? Should we fear an arms race in lethal autonomous weapons? Will machines eventually outsmart us at all tasks, replacing humans on the job market and perhaps altogether? Will AI help life flourish like never before or give us more power than we can handle? What sort of future do you want? This book empowers you to join what may be the most important conversation of our time. It doesn't shy away from the full range of viewpoints or from the most controversial issues—from superintelligence to meaning, consciousness and the ultimate physical limits on life in the cosmos.

Parenting Matters Aug 07 2020 Decades of research have demonstrated that the parent-child dyad and the environment of the family—which includes all primary caregivers—are at the foundation of children's well-being and healthy development. From birth, children are learning and rely on parents and the other caregivers in their lives to protect and care for them. The impact of parents may never be greater than during the earliest years of life, when a child's brain is rapidly developing and when nearly all of her or his experiences are created and shaped by parents and the family environment. Parents help children build and refine their knowledge and skills, charting a trajectory for their health and well-being during childhood and beyond. The experience of parenting also impacts parents themselves. For instance, parenting can enrich and give focus to parents' lives; generate stress or calm; and create any number of emotions, including feelings of happiness, sadness, fulfillment, and anger. Parenting of young children today takes place in the context of significant ongoing developments. These include: a rapidly growing body of science on early childhood, increases in funding for programs and services for families, changing demographics of the U.S. population, and greater diversity of family structure. Additionally, parenting is increasingly being shaped by technology and increased access to information about parenting. Parenting Matters identifies parenting knowledge, attitudes, and practices associated with positive developmental outcomes in children ages 0-8; universal/preventive and targeted strategies used in a variety of settings that have been effective with parents of young children and that support the identified knowledge, attitudes, and practices; and barriers to and facilitators for parents' use of practices that lead to healthy child outcomes as well as their participation in effective programs and services. This report makes recommendations directed at an array of stakeholders, for promoting the wide-scale adoption of effective programs and services for parents and on areas that warrant further research to inform policy and practice. It is meant to serve as a roadmap for the future of parenting policy, research, and practice in the United States.

Basic Electrical Engineering May 28 2022 For close to 30 years, “Basic Electrical Engineering” has been the go-to text for students of Electrical Engineering. Emphasis on concepts and clear mathematical derivations, simple language coupled with systematic development of the subject aided by illustrations makes this text a fundamental read on the subject. Divided into 17 chapters, the book covers all the major topics such as DC Circuits, Units of Work, Power and Energy, Magnetic Circuits, fundamentals of AC Circuits and Electrical Instruments and Electrical Measurements in a straightforward manner for students to understand.

Concrete Structures Part-II, 2nd Edition Aug 26 2019 This book is prepared according to the 2011 ACI Code for buildings and AASHTO LRFD Specifications for bridges. The units used throughout the presentation are the SI units according to the official system of units in Pakistan. As in Part-I of the same series of books, it is tried that the three main phases of structural design, namely load determination, design calculations and detailing together are introduced to the beginner. Besides reinforced concrete design, basics of formwork design,

plain concrete properties and repair / rehabilitation of concrete structures are also presented. This book is useful with the 1st part of the same book. Suggestions for further improvement of the presentation will be highly appreciated and will be incorporated in the future editions.

The Maudsley Prescribing Guidelines in Psychiatry Mar 14 2021 The revised 13th edition of the essential reference for the prescribing of drugs for patients with mental health disorders The revised and updated 13th edition of *The Maudsley Prescribing Guidelines in Psychiatry* provides up-to-date information, expert guidance on prescribing practice in mental health, including drug choice, treatment of adverse effects and how to augment or switch medications. The text covers a wide range of topics including pharmacological interventions for schizophrenia, bipolar disorder, depression and anxiety, and many other less common conditions. There is advice on prescribing in children and adolescents, in substance misuse and in special patient groups. This world-renowned guide has been written in concise terms by an expert team of psychiatrists and specialist pharmacists. The Guidelines help with complex prescribing problems and include information on prescribing psychotropic medications outside their licensed indications as well as potential interactions with other medications and substances such as alcohol, tobacco and caffeine. In addition, each of the book's 165 sections features a full reference list so that evidence on which guidance is based can be readily accessed. This important text: Is the world's leading clinical resource for evidence-based prescribing in day-to-day clinical practice and for formulating prescribing policy Includes referenced information on topics such as transferring from one medication to another, prescribing psychotropic medications during pregnancy or breastfeeding, and treating patients with comorbid physical conditions, including impaired renal or hepatic function. Presents guidance on complex clinical problems that may not be encountered routinely Written for psychiatrists, neuropharmacologists, pharmacists and clinical psychologists as well as nurses and medical trainees, *The Maudsley Prescribing Guidelines in Psychiatry* are the established reference source for ensuring the safe and effective use of medications for patients presenting with mental health problems.