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KEY=ENVIRONMENTAL - BROCK WEBER

Environmental Engineering

McGraw-Hill Publishing Company

Random Selection in Politics

Greenwood Publishing Group How might the entire citizenry of a country make the decisions that affect them? Carson and Martin provide the first accessible and comprehensive overview of "random selection" as a possible process for transforming our modern political systems. Random selection, they show, can and has been used in community participation in short-term decision making and long-term planning. It can be a powerful tool in the development of local, federal, and international policy.

Handbook for Sound Engineers

CRC Press Handbook for Sound Engineers is the most comprehensive reference available for audio engineers, and is a must read for all who work in audio. With contributions from many of the top professionals in the field, including Glen Ballou on interpretation systems, intercoms, assistive listening, and fundamentals and units of measurement, David Miles Huber on MIDI, Bill Whitlock on audio transformers and preamplifiers, Steve Dove on consoles, DAWs, and computers, Pat Brown on fundamentals, gain structures, and test and measurement, Ray Rayburn on virtual systems, digital interfacing, and preamplifiers, Ken Pohlmann on compact discs, and Dr. Wolfgang Ahnert on computer-aided sound system design and room-acoustical fundamentals for auditoriums and concert halls, the Handbook for Sound Engineers is a must for serious audio and acoustic engineers. The fifth edition has been updated to reflect changes in the industry, including added emphasis on increasingly prevalent technologies such as software-based recording systems, digital recording using MP3, WAV files, and mobile devices. New chapters, such as Ken Pohlmann's Subjective Methods for Evaluating Sound Quality, S. Benjamin Kanters's Hearing Physiology—Disorders—Conservation, Steve Barbar's Surround Sound for Cinema, Doug Jones's Worship Styles in the Christian Church, sit aside completely revamped staples like Ron Baker and Jack Wrightson's Stadiums and Outdoor Venues, Pat Brown's Sound System Design, Bob Cordell's Amplifier Design, Hardy Martin's Voice Evacuation/Mass Notification Systems, and Tom Danley and Doug Jones's Loudspeakers. This edition has been honed to bring you the most up-to-date information in the many aspects of audio engineering.

Nature Play & Learning Places

Creating and Managing Places where Children Engage with Nature

Predictive Policing

The Role of Crime Forecasting in Law Enforcement Operations

Rand Corporation Predictive policing is the use of analytical techniques to identify targets for police intervention with the goal of preventing crime, solving past crimes, or identifying potential offenders and victims. These tools are not a substitute for integrated approaches to policing, nor are they a crystal ball. This guide assesses some of the most promising technical tools and tactical approaches for acting on predictions in an effective way.

Cotton Physiology

Undoing Privilege

Unearned Advantage in a Divided World

Zed Books Ltd. For every group that is oppressed, another group is privileged. In Undoing Privilege, Bob Pease argues that privilege, as the other side of oppression, has received insufficient attention in both critical theories and in the practices of social change. As a result, dominant groups have been allowed to reinforce their dominance. Undoing Privilege explores the main sites of privilege, from Western dominance, class elitism, and white and patriarchal privilege to the less-examined sites of heterosexual and able-bodied privilege. Pease points out that while the vast majority of people may be oppressed on one level, many are also privileged on another. He also demonstrates how members of privileged groups can engage critically with their own dominant position, and explores the potential and limitations of them becoming allies against oppression and their own unearned privilege. This is an essential book for all who are concerned about developing theories and practices for a socially just world.

Electric and Hybrid Cars

A History, 2d ed.

McFarland This illustrated history chronicles electric and hybrid cars from the late 19th century to today's fuel cell and plug-in automobiles. It describes the politics, technology, marketing strategies, and environmental issues that have impacted electric and hybrid cars' research and development. The important marketing shift from a "woman's car" to "going green" is discussed. Milestone projects and technologies such as early batteries, hydrogen and bio-mass fuel cells, the upsurge of hybrid vehicles, and the various regulations and market forces that have shaped the industry are also covered.

Callings

Finding and Following an Authentic Life

Harmony Levoy describes the myriad ways individuals are directed to follow their authentic true work and provides inspiring psychological, spiritual, and practical guidance. Copyright © Libri GmbH. All rights reserved.

Sound Synthesis and Sampling

Taylor & Francis Sound Synthesis and Sampling' provides a comprehensive introduction to the underlying principles and practical techniques applied to both commercial and research sound synthesizers. This new edition has been updated throughout to reflect current needs and practices- revised and placed in a modern context, providing a guide to the theory of sound and sampling in the context of software and hardware that enables sound making. For the revised edition emphasis is on expanding explanations of software and computers, new sections include techniques for making sound physically, sections within analog and digital electronics. Martin Russ is well known and the book praised for its highly readable and non-mathematical approach making the subject accessible to readers starting out on computer music courses or those working in a studio.

Basic and Applied Soil Mechanics

New Age International Basic And Applied Soil Mechanics Is Intended For Use As An Up-To-Date Text For The Two-Course Sequence Of Soil Mechanics And Foundation Engineering Offered To Undergraduate Civil Engineering Students. It Provides A Modern Coverage Of The Engineering Properties Of Soils And Makes Extensive Reference To The Indian Standard Codes Of Practice While Discussing Practices In Foundation Engineering. Some Topics Of Special Interest, Like The Schmertmann Procedure For Extrapolation Of Field Compressibility, Determination Of Secondary Compression, Lambes Stress - Path Concept, Pressure Meter Testing And Foundation Practices On Expansive Soils Including Certain Widespread Myths, Find A Place In The Text.The Book Includes Over 160 Fully Solved Examples, Which Are Designed To Illustrate The Application Of The Principles Of Soil Mechanics In Practical Situations. Extensive Use Of Si Units, Side By Side With Other Mixed Units, Makes It Easy For The Students As Well As Professionals Who Are Less Conversant With The Si Units, Gain Familiarity With This System Of International Usage. Inclusion Of About 160 Short-Answer Questions And Over 400 Objective Questions In The Question Bank Makes The Book Useful For Engineering Students As Well As For Those Preparing For Gate, Upsc And Other Qualifying Examinations.In Addition To Serving The Needs Of The Civil Engineering Students, The Book Will Serve As A Handy Reference For The Practising Engineers As Well.

Biotechnology for Sustainable Environment

Springer Nature This book brings together the most recent advances from leading experts in the burgeoning field of environmental biotechnology. The contributing chapters adopt a multidisciplinary approach related to environmental aspects of agriculture, industry, pharmaceutical sciences and drug developments from plant and microbial sources, biochemical chemical techniques/methods/protocols involved in different areas of environmental biotechnology. Book also highlights recent advancements, newly emerging technologies, and thought provoking approaches from different parts of the world. It also discusses potential future prospects associated with some frontier development of biotechnological research related to the environment. This book will be of interest to teachers, researchers, biotechnologists, capacity builders and policymakers, and will serve as additional reading material for undergraduate and graduate students of biotechnology, microbiology and environmental sciences.

Electroacoustic Devices: Microphones and Loudspeakers

Taylor & Francis This is the definitive reference for microphones and loudspeakers, your one-stop reference covering in great detail all you could want and need to know about electroacoustics devises (microphones and loudspeakers). Covering both the technology and the practical set up and placement this guide explores and bridges the link between experience and the technology, giving you a better understanding of the tools to use and why, leading to greatly improved results.

Practical Recording Techniques

Butterworth-Heinemann Practical Recording Techniques, Second Edition is a hands-on, practical guide for beginning and intermediate recording engineers, producers, musicians, and audio enthusiasts--anyone who wants to make better recordings by understanding recording equipment and techniques. The book prepares the reader for work in a home studio, small professional studio, or an on-location recording session. The book offers up-to-date information on the latest recording technology, such as digital tape recording, hard-disk recording, keyboard and digital workstations, SMPTE, and MIDI. It also guides the beginner through the basics, showing how to make quality recordings with the new breed of inexpensive home-studio equipment. Other topics include: Choosing and operating recorder mixers based on cassette, Mini-Disc, and hard disk; Hum prevention; The latest monitoring methods; Microphone selection and placement; Audio-for-video techniques; Troubleshooting bad sound; guidelines for good sound. With its step-by-step approach and easy-to-read format, this is the ideal book for anyone who wants to create professional sound recordings.

Brian Eno

His Music And The Vertical Color Of Sound

Da Capo Press Musician, composer, producer: Brian Eno is unique in contemporary music. Best known in recent years for producing U2's sensational albums, Eno began his career as a synthesizer player for Roxy Music. He has since released many solo albums, both rock and ambient, written music for film and television soundtracks, and collaborated with David Bowie, David Byrne, Robert Fripp, and classical and experimental composers. His pioneering ambient sound has been enormously influential, and without him today's rock would have a decidedly different sound. Drawing on Eno's own words to examine his influences and ideas, this book—featuring a new afterword and an updated discography and bibliography—will long remain provocative and definitive.

Loudspeaker and Headphone Handbook

Taylor & Francis Written by a team of experts, the Loudspeaker and Headphone Handbook provides a detailed technical reference of all aspects of loudspeakers and headphones: from theory and construction of transducer drive units and enclosures, to such practical matters as construction, applications in rooms, public address, sound reinforcement, studio monitoring and musical instruments. Loudspeaker measurements and subjective evaluation are treated in equal detail and headphones are discussed comprehensively. This third edition takes account of recent significant advances in

technology, including: · the latest computer-aided design systems · digital audio processing · new research procedures · the full range of loudspeakers · new user applications.

Delirium in Critical Care

Cambridge University Press The fully updated second edition of this popular handbook concisely summarises all current knowledge about delirium in critically ill patients and describes simple tools the bedside clinician can use to prevent, diagnose and manage delirium. Chapters discuss new developments in assessing risk and diagnosis, crucial discoveries regarding delirium and long-term cognitive outcomes, and dangers of sedation and death. Updated management advice reflects new evidence about antipsychotics and delirium. This book explains how to minimise the risks of delirium, drugs to avoid, drugs to use and when to use them, as well as current theories regarding pathophysiology, different motoric subtypes leading to missed diagnosis, and the adverse impact of delirium on patient outcomes. While there are still unanswered questions, this edition contains all the available answers. Illustrated with real-life case reports, *Delirium in Critical Care* is essential reading for trainees, consultants and nurses in the ICU and emergency department.

Creative Community Planning

Transformative Engagement Methods for Working at the Edge

Earthscan Summary: "Creative Community Planning provides clear access to emerging innovations in artistic, narrative, embodied and technological methods, exploring the frontiers of community engagement within a fresh sustainability framework. Academics, professionals and community members increasingly acknowledge that multiple perspectives enrich planning outcomes. Furthermore, it's acknowledged that the engagement process itself can create imaginative forums and spaces to nurture understanding and empathy for ourselves and for our environments. Reflecting on the wide continuum of participatory practice, the authors of *Creative Community Planning* discuss the work of planning theorists, researchers and practitioners engaging a diversity of people living in ever changing communities. The authors discuss how engagement practices are enhanced using practices such as visioning and participatory research processes, poetry, theatre, film, websites and exercises to access the creative ideas of all ages, including children and young people."--Publisher description.

Water Treatment Manuals

Coagulation, Flocculation & Clarification

Residential Construction Performance Guidelines, Consumer Reference (Pack of 10)

Builderbooks NAHB's Residential Construction Performance Guidelines were created to offer a third-party view of quality issues in residential construction (both new homes and remodeling). The Consumer Reference makes it easy to provide a copy of the guidelines to every customer. Sold in affordable packs of 10, the Consumer Reference is a great addition to your warranty claims process and: Help customers understand the basics of a properly constructed home and how it should perform during the warranty period Take action to resolve customer concerns before they escalate to complaints Exhibit your professionalism by showing that you consistently meet or exceed accepted industry guidelines Includes Residential Construction Performance Guidelines for: Site Work and Foundation Floors, Walls, and Roofs

The Minipig in Biomedical Research

CRC Press The *Minipig in Biomedical Research* is a comprehensive resource for research scientists on the potential and use of the minipig in basic and applied biomedical research, and the development of drugs and chemicals. Written by acknowledged experts in the field, and drawing on the authors' global contacts and experience with regulatory authorities and the pharmaceutical and other industries, this accessible manual ranges widely over the biological, scientific, and practical uses of the minipig in the laboratory. Its coverage extends from the minipig's origins, anatomy, genetics, immunology, and physiology to its welfare, health, and husbandry; practical dosing and examination procedures; surgical techniques; and all areas of toxicity testing and the uses of the minipig as a disease model. Regulatory aspects of its use are considered. The reader will find an extensive amount of theoretical and practical information in the pharmacology; ADME and toxicology chapters which will help scientists and managers when deciding which species to use in basic research; drug discovery and pharmacology; and toxicology studies of chemicals, biotechnology products and devices. The book discusses regulatory uses of minipigs in the evaluation of human and veterinary pharmaceuticals, medical devices, and other classes of xenobiotics. It describes features of normal health, normal laboratory values, and common diseases. It also carefully elucidates ethical and legal considerations in their supply, housing, and transport. The result is an all-inclusive and up to date manual about the experimental uses of the minipig that describes 'How to' and 'Why' and 'What to expect in the normal', combining enthusiasm and experience with critical assessment of its values and potential problems.

Michigan Modern

Design that Shaped America

Gibbs Smith *Michigan Modern: Design That Shaped America* is an impressive collection of important essays touching on all aspects of Michigan's architecture and design heritage. The Great Lakes State has always been known for its contributions to twentieth-century manufacturing, but it's only beginning to receive wide attention for its contributions to Modern design and architecture. Brian D. Conway, Michigan's State Historic Preservation Officer, and Amy L. Arnold, project manager for *Michigan Modern*, have curated nearly thirty essays and interviews from a number of prominent architects, academics, architectural historians, journalists, and designers, including historian Alan Hess, designers Mira Nakashima, Ruth Adler Schnee, and Todd Oldham, and architect Gunnar Birkerts, describing Michigan's contributions to Modern design in architecture, automobiles, furniture and education.

Water Resources and Water Management

Elsevier The size and number of water projects and other development activities which influence the hydrological cycle have reached such proportions that the majority of problems involved extend beyond the boundaries of the traditional disciplines of hydraulics, hydrochemistry, hydrology and hydrogeology. New scientific methods for the solution of the contemporary problems in water management include analogy, operation research, system analysis and cybernetics. The distinctive features of these methods are their emphasis on measurement and on the use of conceptual models described in quantitative terms, the verification of their theoretical predictions, and their awareness that concepts are conditional and subject to growth and continuous change. This new approach should be defined within the framework of water resources management, i.e. within a complex of activities whose objective is the optimum utilization of water resources with regard to their quality and availability and the requirements of society. These water management activities should at the same time also ensure an optimum living environment, above all through protection of water resources against deterioration and exhaustion as well as through the protection of society against the harmful effects of water. In the course of these activities water resources management should avail itself of the entire spectrum of explicit sciences, gradually coming to form the sphere of its own theory. This monograph deals with the fundamental interdisciplinary problems of this complex sphere, an understanding of which is indispensable for successful water resources management in the widest sense of its social functions and environmental consequences. Thus, a common basis is provided for the mutual understanding of specialists from different backgrounds.

Does Corporate Performance Improve After Mergers?

Rebel Music

Race, Empire, and the New Muslim Youth Culture

Vintage Books In this pioneering study, Hisham Aidi takes us into the musical subcultures that have emerged among Muslim youth worldwide over the last decade. He shows how music - primarily hip-hop, but also rock, reggae, Gnawa and Andalusian - has come to express a shared Muslim consciousness in face of War on Terror policies

Encyclopedia of Environmental Science and Engineering

Taylor & Francis First Published in 1992. Routledge is an imprint of Taylor & Francis, an informa company.

Environmental Pollution Control Engineering

New Age International This Revised Edition Of The Book On Environmental Pollution Control Engineering Features A Systematic And Thorough Treatment Of The Principles Of The Origin Of Air, Water And Land Pollutants, Their Effect On The Environment And The Methods Available To Control Them. The Demographic And Environmental Trends, Energy Consumption Patterns And Their Impact On The Environment Are Clearly Discussed. Application Of The Physical, And Chemical Engineering Concepts To The Design Of Pollution Control Equipment Is Emphasized. Due Importance Is Given To Modelling, Quality Monitoring And Control Of Specific Major Pollutants. A Separate Chapter On The Management Of Hazardous Wastes Is Added. Information Pertaining To Indian Conditions Is Given Wherever Possible To Help The Reader Gain An Insight Into India Sown Pollution Problems.This Book Is Mainly Intended As A Textbook For An Integrated One-Semester Course For Senior Level Undergraduate Or First Year Post-Graduate Engineering Students And Can Also Serve As A Reference Book To Practising Engineers And Decision Makers Concerned With Environmental Pollution Control.

Armored Infantry Battalion

Fingerprints and Other Ridge Skin Impressions

CRC Press Since its publication, the first edition of Fingerprints and Other Ridge Skin Impressions has become a classic in the field. This second edition is completely updated, focusing on the latest technology and techniques—including current detection procedures, applicable processing and analysis methods—all while incorporating the expansive growth of literature on the topic since the publication of the original edition. Forensic science has been challenged in recent years as a result of errors, courts and other scientists contesting verdicts, and changes of a fundamental nature related to previous claims of infallibility and absolute individualization. As such, these factors represent a fundamental change in the way training, identifying, and reporting should be conducted. This book addresses these questions with a clear viewpoint as to where the profession—and ridge skin identification in particular—must go and what efforts and research will help develop the field over the next several years. The second edition introduces several new topics, including Discussion of ACE-V and research results from ACE-V studies Computerized marking systems to help examiners produce reports New probabilistic models and decision theories about ridge skin evidence interpretation, introducing Bayesnet tools Fundamental understanding of ridge mark detection techniques, with the introduction of new aspects such as nanotechnology, immunology and hyperspectral imaging Overview of reagent preparation and application Chapters cover all aspects of the subject, including the formation of friction ridges on the skin, the deposition of latent marks, ridge skin mark identification, the detection and enhancement of such marks, as well the recording of fingerprint evidence. The book serves as an essential reference for practitioners working in the field of fingermark detection and identification, as well as legal and police professionals and anyone studying forensic science with a view to understanding current thoughts and challenges in dactyloscopy.

Environmental Pollution and Control

Butterworth-Heinemann Complex environmental problems are often reduced to an inappropriate level of simplicity. While this book does not seek to present a comprehensive scientific and technical coverage of all aspects of the subject matter, it makes the issues, ideas, and language of environmental engineering accessible and understandable to the nontechnical reader. Improvements introduced in the fourth edition include a complete rewrite of the chapters dealing with risk assessment and ethics, the introduction of new theories of radiation damage, inclusion of environmental disasters like Chernobyl and Bhopal, and general updating of all the content, specifically that on radioactive waste. Since this book was first published in 1972, several generations of students have become environmentally aware and conscious of their responsibilities to the planet earth. Many of these environmental pioneers are now teaching in colleges and universities, and have in their classes students with the same sense of dedication and resolve that they themselves brought to the discipline. In those days, it was sometimes difficult to explain what indeed environmental science or engineering was, and why the development of these fields was so important to the future of the earth and to human civilization. Today there is no question that the human species has the capability of destroying its collective home, and that we have indeed taken major steps toward doing exactly that. And yet, while, a lot has changed in a generation, much has not. We still have air pollution; we still contaminate our water supplies; we still dispose of hazardous materials improperly; we still destroy natural habitats as if no other species mattered. And worst of all, we still continue to populate the earth at an alarming rate. There is still a need for this book, and for the college and university courses that use it as a text, and perhaps this need is more acute now than it was several decades ago. Although the battle to preserve the environment is still raging, some of the rules have changed. We now must take into account risk to humans, and be able to manipulate concepts of risk management. With increasing population, and fewer alternatives to waste disposal, this problem is intensified. Environmental laws have changed, and will no doubt continue to evolve. Attitudes toward the environment are often couched in what has become known as the environmental ethic. Finally, the environmental movement has become powerful politically, and environmentalism can be made to serve a political agenda. In revising this book, we have attempted to incorporate the evolving nature of environmental sciences and engineering by adding chapters as necessary and eliminating material that is less germane to today's students. We have nevertheless maintained the essential feature of this book -- to package the more important aspects of environmental engineering science and technology in an organized manner and present this mainly technical material to a nonengineering audience. This book has been used as a text in courses which require no prerequisites, although a high school knowledge of chemistry is important. A knowledge of college level algebra is also useful, but calculus is not required for the understanding of the technical and scientific concepts. We do not intend for this book to be scientifically and technically complete. In fact, many complex environmental problems have been simplified to the threshold of pain for many engineers and scientists. Our objective, however, is not to impress nontechnical students with the rigors and complexities of pollution control technology but rather to make some of the language and ideas of environmental engineering and science more understandable.

Bang

Pure Data

The Change Handbook

The Definitive Resource on Today's Best Methods for Engaging Whole Systems: Easyread Super Large 20pt Edition

ReadHowYouWant.com This book is about effective change. It describes methods for changing "whole systems," that is, change based on two powerful foundation assumptions: high involvement and a systemic approach to improvement. High involvement means engaging the people in changing their own system. It is systemic because there is a conscious choice to include the people, functions, and ideas that can affect or be affected by the work. Whole system change methods help you initiate high-leverage, sustainable improvements in organizations or communities. "High-leverage" is emphasized because in any improvement effort, we want the highest possible value for the effort invested. We believe that involving people in a systematic way is a key to high leverage and that the methods in this book can provide this leverage for you. You'll need to determine the one(s) best suited to moving your organization or community to the culture you want. We wrote this book to support your efforts. The book is intended to answer questions such as: What methods are available that have proven successful in addressing today's needs for organizational or community change? What are the key distinctions among these methods? How do I know if a method would be a good fit for my organization or community? How do I get started after I select one or more methods? To make a good choice, you'll need some basic information. Rather than provide details of how to do each method, we give you an overview of what's available and some tools to help focus your exploration.

Reconsidering Children's Early Development and Learning

Toward Common Views and Vocabulary

In 1990, the National Education Goals were established by the President and the 50 state governors. Great attention has been given to Goal 1, dubbed the "readiness" goal: By the year 2000, all children in America will start school ready to learn. The Goal 1 Resource Technical Planning Groups were asked to suggest ways in which Goal 1 could be measured. The purpose of this document is to further amplify the dimensions of early learning and development used by the National Educational Goals Panel to measure progress toward Goal 1. The following five dimensions are discussed: (1) "Physical Well-Being and Motor Development"; (2) "Social and Emotional Development," serving as the foundation for relationships which give meaning to school experience; (3) "Approaches toward Learning," referring to the inclinations, dispositions, or styles that reflect ways children become involved with learning; (4) "Language Development"; and (5) "Cognition and General Knowledge." For each of the dimensions, a rationale; general definition; the relationship to individual, cultural, and contextual variation; and a summary are given. The report concludes with a discussion of underlying issues, implications, and action steps. (Contains 83 references.) (BGC)

Environmental Engineering

A Design Approach

Pearson College Division This work provides a thorough treatment of environmental engineering. It encompasses environmental chemistry; biology; hydraulics, and pneumatics; water treatment; wastewater treatment, both conventional and advanced; solid waste management; air pollution control; hazardous waste management and risk assessment; noise pollution and control; and environmental quality modelling. The authors provide clear coverage while approaching the subject matter in a direct analytical manner. The text makes use of many practical, hands-on examples throughout to demonstrate the applied nature of the field. This text combines comprehensive and authoritative coverage with current applications.

Computer Literature Bibliography

1946 to 1963

Chest Pain

Advanced Assessment and Management Skills

John Wiley & Sons Chest Pain: Advanced Assessment and Management promotes a systematic approach to the assessment and management of patients presenting with chest pain and related undifferentiated symptoms. Specifically, it equips practitioners with the knowledge and clinical skills needed to effectively differentiate and respond to clinical presentations where the primary symptom for seeking healthcare advice involves chest pain. Introductory chapters in section one explore the principles of physical assessment, history taking and differential diagnosis to provide the framework for subsequent chapters, which explore cardiac and non-cardiac causes of chest pain. Section two examines the advanced assessment and overall management of patients with pain in the chest. A range of clinical conditions that trigger chest pain and other related symptoms are covered, including: angina, acute coronary syndromes, pericarditis and myocarditis, aortic dissection, pulmonary embolism, oesophago-gastric disorders, musculoskeletal causes, pulmonary and respiratory causes, coronary heart disease, myocardial infarction, chest pain caused by trauma or cardiac syndrome X, cocaine misuse and Herpes zoster.

Thin Plates and Shells

Theory: Analysis, and Applications

CRC Press Presenting recent principles of thin plate and shell theories, this book emphasizes novel analytical and numerical methods for solving linear and nonlinear plate and shell dilemmas, new theories for the design and analysis of thin plate-shell structures, and real-world numerical solutions, mechanics, and plate and shell models for engineering appli

Equine Surgery

W B Saunders Company The most comprehensive text available on equine surgery, this book prepares the veterinary surgeon for managing each surgical condition by understanding its pathophysiology and evaluating alternative surgical approaches. Explanations describe how to avoid surgical infections, select and use instruments, and perfect fundamental surgical techniques including incisions, cautery, retractions, irrigation, surgical suction, wound closure, dressings, bandages, and casts. Thorough and complete coverage means this is the only book practitioners and students need. World-renowned contributors include 67 of the most experienced and expert equine practitioners, each providing current and accurate information. This text covers all the information needed to study for the American and European College of Veterinary Surgeons Board Examination, making it an excellent study tool. Coverage of anesthesiology and pain management is reintroduced in this edition. Extensive and up-to-date orthopedic coverage includes joint disorders and joint trauma. Integumentary system coverage includes wound management, reconstructive surgery, and skin grafting. Other important topics include the alimentary system, cardiovascular surgery, and new techniques in vascular surgery. More minimally invasive surgical techniques A section on anesthesia has been re-introduced to this edition

Pavement Analysis and Design

For one/two-semester, undergraduate/graduate courses in Pavement Design. This up-to-date text covers both theoretical and practical aspects of pavement analysis and design. It includes some of the latest developments in the field, and some very useful computer software-developed by the author-with detailed instructions.

Power System Stability and Control

IEEE