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[Foundations of Guidance](#) CRC Press

The aim of the book is to give an accessible introduction of mathematical models and signal processing methods in speech and hearing sciences for senior undergraduate and beginning graduate students with basic knowledge of linear algebra, differential equations, numerical analysis, and probability. Speech and hearing sciences are fundamental to numerous technological advances of the digital world in the past decade, from music compression in MP3 to digital hearing aids, from network based voice enabled services to speech interaction with mobile phones. Mathematics and computation are intimately related to these leaps and bounds. On the other hand, speech and hearing are strongly interdisciplinary areas where dissimilar scientific and engineering publications and approaches often coexist and make it difficult for newcomers to enter.

[Basal Implantology](#) Lulu.com

A step-by-step guide to the correct management of respiratory infections in infants and young children. Addressed to staff in first-level health facilities, the book explains how to assess a child, recognize symptoms, classify the illness, and provide appropriate treatment, whether involving immediate referral to hospital, treatment with antibiotics at home, or simple home care. Throughout, a special effort is made to help staff distinguish the few, very sick children from the many others whose infections can be safely treated at home. The manual also aims to help prevent deaths from pneumonia and other severe illnesses by offering abundant advice on the recognition and urgent management of danger signs. The manual has two parts, each based on the use of a quick-reference case management chart, reproduced in a foldout version. Part one covers the management of pneumonia, wheezing, coughs and colds. Advice on how to collect essential information about the signs of respiratory problems is followed by a description of the steps involved in classifying the illness, determining the degree of severity, and identifying the appropriate treatment. Part one concludes with detailed treatment instructions, including how to give an antibiotic and treat fever and wheezing. Part two explains how to assess, classify, and treat the child with an ear problem or sore throat. Treatment instructions include advice on how to dry the ear by wicking, give an antibiotic, and

manage streptococcal sore throat. Further practical information is provided in a series of annexes, which explain how to refer a child to hospital, what to do when referral is not feasible, how to use a rapid-acting bronchodilator, and how to determine whether complaints and symptoms are due to measles, pertussis, or diphtheria.

[Introduction to Paralegalism: Perspectives, Problems and Skills](#) Pearson Education India

In spite of the increasing use and demand for lightweight aggregate concrete (LWAC), there is still a lack of adequate explanations to understand the mechanisms responsible for the strength and durability properties of LWAC. This book is written to give an overall picture of LWAC, from the historical background, aggregate production, proportioning and production of concrete, to applications in structures. Physical properties and chemical durability are described in detail. The physical properties include density, strength, shrinkage, and elasticity. Chemical durability includes resistance to acids, chloride ingress, carbonation, and freeze-thaw resistance. Fire resistance is also included, which is seldom considered, but is a very important aspect of the safety of the structure. Microstructure development and its relation to the durability properties of LWAC generally are not highlighted in the literature. The development of bonds, the microstructure with different binder systems, and different types of lightweight aggregates are explained. They show how lightweight aggregate concrete differs from normal weight concrete. The chapters on chloride ingress and freeze-thaw resistance are detailed because of the use of LWAC in offshore construction. The economical aspects of using LWAC are also reviewed. Emphasis is placed on the fact that although the cost of LWAC is high, the total cost of construction has to be considered, including the cost of transport, reinforcement, etc. When these are considered then LWAC becomes cheaper and attractive. The life cycle cost of the concrete is another consideration for calculating long-term savings on maintenance costs.

[First and Always](#) Springer Science & Business Media

[Classical and Recent Aspects of Power System Optimization](#) presents conventional and meta-heuristic optimization methods and algorithms for power system studies. The classic aspects of optimization in power systems, such as optimal power flow, economic dispatch, unit commitment and power quality optimization are covered, as are issues relating to distributed generation sizing, allocation problems, scheduling of renewable resources, energy storage, power reserve based problems, efficient use of smart grid capabilities, and protection studies in modern power systems. The book brings together innovative research outcomes,

programs, algorithms and approaches that consolidate the present state and future challenges for power. Analyzes and compares several aspects of optimization for power systems which has never been addressed in one reference Details real-life industry application examples for each chapter (e.g. energy storage and power reserve problems) Provides practical training on theoretical developments and application of advanced methods for optimum electrical energy for realistic engineering problems
Journal of Scientific and Industrial Research BoD – Books on Demand

This book comprises the refereed proceedings of the International Conference, AIM/CCPE 2012, held in Bangalore, India, in April 2012. The papers presented were carefully reviewed and selected from numerous submissions and focus on the various aspects of research and development activities in computer science, information technology, computational engineering, mobile communication, control and instrumentation, communication system, power electronics and power engineering.

Soil Mechanics and Foundation Engineering Springer

Urological Emergencies: A Practical Approach, Second Edition provides a concise, evidence based review of common urgent and emergent urological conditions in children and adults. Descriptions of the appropriate diagnostic and therapeutic considerations on topics of traumatic, infectious, obstructive, hemorrhagic, iatrogenic, vascular and congenital urological emergencies in adults and children are provided. The text is organized by pathophysiology rather than organ system, allowing the reader to develop approaches to the care of patients with acute urological conditions based on mechanism of disease. Relevant pathophysiological background and epidemiology are reviewed, necessary diagnostic testing recommended, and detailed medical, surgical and endourological management approaches have been provided. All chapters incorporate published guidelines and best practice recommendations from appropriate organizations including the American Urological Association, the Centers for Disease Control and Prevention, and various International Consultations on Urological Diseases. New or significantly revised chapters in each of the subsections address innovations in trauma care and prevention, new strategies in management of kidney stones, and special care needs of children with acute urological problems. Urological Emergencies: A Practical Approach, Second Edition is of great value to practicing urologists, urology residents, emergency medicine trainees and practitioners, and primary care providers including MD 's, PA 's, and NP 's without immediate access to urological consultation.

Indian Capital Market World Health Organization

This new edition of The 80x86 Family: Design, Programming, and Interfacing has been extensively updated to include material on the newest processors, including the Pentium II and III, the Xeon, the Itanium, and AMD's Athlon.

Advances in Oral and Maxillofacial Surgery CRC Press

The Forests are playing a significant role in the economic prosperity and ecological stability of the country. The Indian Forests faces severe biotic and abiotic pressure leads to shrinking of its geographical distribution and the forest based industries are at the cross roads. This book incorporated the India's Forest and Agroforestry situation and the need for industrial wood plantations. It also comprises the status of various wood based industries like pulp and paper, plywood, matchwood, dendro power, biofuel and the requirement for different raw materials and the associated supply chain management.

Power Electronic Converter Configuration and Control for DC Microgrid Systems Elsevier

Master the hands-on skills you'll need to succeed in a modern law office with INTRODUCTION TO PARALEGALISM, 8e. Ten critical skills are covered in the book: identifying legal issues, breaking rules into elements, applying rules to facts interviewing clients, investigating facts, digesting discovery documents, providing litigation assistance, researching the law, drafting documents, and representing clients at administrative agencies where authorized by law. Packed with real-life insights and real-world examples, the text helps you understand the ethical guidelines that lawyers and paralegals must follow and covers the efforts underway to regulate the profession in legislatures, courts, bar associations, and paralegal associations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Engineering Mathematics II Scientific Publishers

This book offers a comprehensive and well-rounded view of research as a tool for problem-solving in the wide range of the social sciences. It is built on the foundation of philosophical pragmatism, postulating that the value of knowledge and research methodologies lie in their usefulness in engaging with the real world. The book synthesizes both positivist and non-positivist methodologies. It is meant for students who are undertaking their first research course or project. The techniques, while basic in nature, are used in many masters and doctoral research studies. The book uses engaging language, real-life examples from various subject areas and follows an inductive approach. With the help of this book, from an experiential base, students should be able to build a more advanced conceptual and theoretical understanding of research through further reading and practice. This book discusses a policy-applied-pure-action model of research covering both quantitative and qualitative methods for case study, survey and experimental designs. It pays considerable attention to measurement principles and to data analysis techniques that make practical use of Microsoft Excel for analysis of both words and numbers. It includes a building block approach to writing, as well as the author 's thoughts on application of research in the real world.

Classical and Recent Aspects of Power System Optimization Springer

Natural-based substances, ' plant biostimulants ' , have been considered as environmentally friendly alternatives to agrichemicals. Biostimulants may comprise microbial inoculants, humic acids, fulvic acids, seaweed extracts, etc. These biostimulants have biopesticide and biostimulant utilities. Elucidations on direct or microbially mediated functions of biostimulants are presented in this book to illustrate fundamental principles and recent applications underlying this technology. This book has encompassed a cross-section of topics on different concepts to describe effective strategies by using these substances and/or beneficial microorganisms within sustainable agroecosystems. I sincerely hope that the information provided adequately reflects the objectives of this compilation. " One of the first conditions of happiness is that the link between man and nature shall not be broken. " Leo Tolstoy

Differential Equations II Elsevier Health Sciences

This book examines the use of biomedical signal processing—EEG, EMG, and ECG—in analyzing and diagnosing various medical conditions, particularly diseases related to the heart and brain. In combination with machine learning tools and other optimization methods, the analysis of biomedical signals greatly benefits the healthcare sector by improving patient outcomes through early, reliable detection. The discussion of these modalities promotes better understanding, analysis, and application of biomedical signal processing for specific diseases. The major highlights of Biomedical Signal Processing for Healthcare Applications include biomedical signals, acquisition of signals, pre-processing and analysis, post-processing and classification of the signals, and application of analysis and classification for

the diagnosis of brain- and heart-related diseases. Emphasis is given to brain and heart signals because incomplete interpretations are made by physicians of these aspects in several situations, and these partial interpretations lead to major complications. FEATURES Examines modeling and acquisition of biomedical signals of different disorders Discusses CAD-based analysis of diagnosis useful for healthcare Includes all important modalities of biomedical signals, such as EEG, EMG, MEG, ECG, and PCG Includes case studies and research directions, including novel approaches used in advanced healthcare systems This book can be used by a wide range of users, including students, research scholars, faculty, and practitioners in the field of biomedical engineering and medical image analysis and diagnosis.

Urological Emergencies JAYPEE BROTHERS PUBLISHERS

Reviews the treatment concepts in several areas of cleft involvement. This text consists of longitudinal facial and palatal growth studies of dental casts, photographs, panoramas and cephalographs from birth to adolescence. Throughout the growth and treatment concepts, the need for differential diagnosis in treatment planning has been underscored.

MCQs in Plant Breeding Biotechnology and Seed Science Scientific Publishers

Graphs, Combinatorics, Algorithms and Applications: The research papers contributed by leading experts in their respective field discusses current areas of research in graph theory such as: Graphoidal covers Hyper graphs Domination in graph Signed graphs Graph labelings and Theoretical computer science This volume will serve as an excellent reference for experts and research scholars working in Graph Theory and related topics.

Legume Crops Cengage Learning

Graphs, Combinatorics, Algorithms and Applications Alpha Science Int'l Ltd.

Nanoparticles in the Fight Against Parasites MDPI

Soil Mechanics & Foundation Engineering deals with its principles in an elegant, yet simplified, manner in this text. It presents all the material required for a firm background in the subject, reinforcing theoretical aspects with sound practical applications. The study of soil behaviour is made lucid through precise treatment of the factors that influence it.

ACSM's Complete Guide to Fitness & Health Prentice Hall

This revised edition of the classic Core Java™, Volume I – Fundamentals, is the definitive guide to Java for serious programmers who want to put Java to work on real projects. Fully updated for the new Java SE 6 platform, this no-nonsense tutorial and reliable reference illuminates the most important language and library features with thoroughly tested real-world examples. The example programs have been carefully crafted to be easy to understand as well as useful in practice, so you can rely on them as an outstanding starting point for your own code. Volume I is designed to quickly bring you up to speed on what's new in Java SE 6 and to help you make the transition as efficiently as possible, whether you're upgrading from an earlier version of Java or migrating from another language. The authors concentrate on the fundamental concepts of the Java language, along with the basics of user-interface programming. You'll find detailed, insightful coverage of Java fundamentals Object-oriented programming Interfaces and inner classes Reflection and proxies The event listener model GUI programming with Swing Packaging applications Exception handling Logging and debugging Generic programming The collections framework Concurrency For detailed coverage of XML processing, networking, databases, internationalization, security, advanced AWT / Swing, and other advanced features, look for the forthcoming eighth edition of Core Java™, Volume II—Advanced Features (ISBN: 978-0-13-235479-0).

Basic Research Methods Springer

This book sheds new light on the use of nanoparticles in the fields of parasitology and public and animal health. Nanotechnology has been used in many fields of research and in practical applications. A special subgroup is represented by the so-called nanobiotechnology, which is a multidisciplinary integration of biotechnology, nanotechnology, chemical processing, material science and engineering. In the fields of parasitology and public and animal health this technology has been used to develop systems, wherein acaricides and insecticides are included. This technique avoids direct contact of the hosts of parasites (animals, humans) with the insecticides/acaricides and thus minimizes effects on their health and also the development of resistances of the vectors (ticks, mosquitos, flies etc.). Since actually many original articles on the use of nanoparticles bearing arthropodocides appear in different journals – as well as in Parasitology Research of Springer - it seems reasonable to check the status quo and to elucidate possible chances of progress. This book will appeal to a wide readership, from researchers through veterinarians to professionals working in the conservation, public health, or sustainable agriculture area.

The Management of Acute Respiratory Infections in Children Springer Science & Business Media

In a sustainable agricultural system, legume crops are one of the essential components. However, improving the productivity of legume crops and improving their tolerance to adverse environments are essential tasks for plant biologists. This book includes nine comprehensive chapters addressing various aspects of legume crop biology, production and importance. There are several chapters on the adaptation of legumes to an adverse environment. Particular focus is provided on the sustainable production of legume crops under changing environments. This book will be useful for undergraduate and graduate students, teachers, and researchers, particularly from the field of Crop Science, Soil Science, Plant Breeding and Agronomy.

Objective Seed Science and Technology 2nd Ed. Alpha Science Int'l Ltd.

The Indian Capital Market Has Witnessed Major Transformation And Structural Change During The Past One Decade As A Result Of On Going Economic Reforms Initiated By The Government Of India Since 1991. These Reforms Have Been Aimed At Improving Market Efficiency, Enhancing Transparency, Checking Unfair Trade Practices And Bringing The Indian Capital Market Up To International Standards. The Reforms Have Brought About Changes In Institutional Character Of The Market; Regulatory Environment In Which It Functions; Investors Profile And Technology Of The Market. This Volume Has Brought Together Empirical Researches Carried Out On Various Aspects Of The Indian Capital Market During The Past Decade. It Includes, Inter- Alia Research Studies Relating To " Ipos" Corporate Governance" E-Marketplaces For Financial Products" Market Efficiency And Anomalies " Market Micro Structure" Mutual Funds Performance" Financial Derivatives The Papers Have Been Contributed By Well-Known Persons From Both Academia And Industry. The Book Will Be Useful Of Research Scholars, Students Pursuing Professional Courses Such As M.B.A., M.F.C., M.B.E., M.I.B. And Other Related Programmes, Practitioners And Policy Makers.