

Chapter 1 Pk Sinha

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DISTRIBUTED OPERATING SYSTEMS PRADEEP K. SINHA 1998-01-01 The highly praised book in communications networking from IEEE Press, now available in the Eastern Economy Edition. This is a non-mathematical introduction to Distributed Operating Systems explaining the fundamental concepts and design principles of this emerging technology. As a textbook for students and as a self-study text for systems managers and software engineers, this book provides a concise and an informal introduction to the subject.

Handbook of Sustainable Apparel Production Subramanian Senthilkannan Muthu 2015-04-28 A hot-button societal issue, sustainability has become a frequently heard term in every industrial segment.

Sustainability in apparel production is a vast topic and it has many facets. *Handbook of Sustainable Apparel Production* covers all aspects of sustainable apparel production including the raw materials employed, sustainable manufacturing processes, and environmental as well as social assessments of apparel production. The book highlights the environmental and social impacts of apparel and its assessment. It explores the complexities involved in implementing sustainable measures in the massive

supply chain of apparel production. The discussion then turns to sustainability and consumption behavior of the apparel industry and the assessment of sustainability aspects and parameters. The text details technologies that can pave the way toward sustainability in production and closes with coverage of design aspects, particularly sustainable design/eco design and new approaches to fashion sustainability. A vast and complex topic, sustainability in apparel production has many faces and facets. With contributions from an international panel of experts, this book unites all the elements, including very minute details, and supports them with detailed and interesting case studies. It gives you a framework for moving towards sustainability.

Australian Orthodontic Journal 1997

Advances in Biological Therapy Research and Application: 2012 Edition 2012-12-26 Advances in Biological Therapy Research and Application / 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Biological Therapy. The editors have built Advances in Biological Therapy Research and Application / 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Biological Therapy in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Advances in Biological Therapy Research and Application / 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Nuanced Account Management Bala Shankar 2018-04-17 This book is a comprehensive practical guide for account managers, sales teams and account leaders operating in the B2B space. It provides knowledge to excel in developing, growing and retaining top accounts in local and global environments. With a nuanced version of 'account management' that will potentially be a game changer, the book offers a personnel-and-process based agenda that can create a 'competitive advantage' on its own.

Scheduling in Distributed Computing Systems Deo Prakash Vidyarthi 2008-10-20 This book intends to inculcate the innovative ideas for the scheduling aspect in distributed computing systems. Although the models in this book have been designed for distributed systems, the same information is applicable for any type of system. The book will dramatically improve the design and management of the processes for industry professionals. It deals exclusively with the scheduling aspect, which finds little space in other distributed operating system books. Structured for a professional audience composed of researchers and practitioners in industry, this book is also suitable as a reference for graduate-level students.

Foundations of Computing Pradeep K. Sinhs 2002-11-01 This Thoughtfully Organized Book Has Been Designed To Provide Its Readers With A Sound Foundation Of Computers And Information Technology. The Number Of Chapters, Chapter Topics, And The Contents Of Each Chapter Have Been Carefully Chosen To Introduce The Readers To All Important Concepts Through A Single Book. Each Chapter Addresses The Fundamental Concepts, Popular Technologies, And Current State-Of-The-Art Topics. Complete With Numerous Illustrations And Examples, Chapter Summaries, End-Of-Chapter Questions, And A Glossary Of Important Terms, Foundations Of Computing Is Designed To Serve As An Ideal Textbook For Various Courses Offered In Computer Science, Information Technology, And Other Related Areas. You Will Find Sufficient Coverage Of All Major Topics In The Field, Including Several New And Advanced Topics, Such As:Software Engineering,Object-Oriented Programming,Network, Distributed, And Real-Time Operating Systems,Unix, Windows, And Linux Operating Systems,Relational, Object-Oriented, And Multimedia Databases,Data Warehousing And Data Mining,Information Security In Computer Systems,Multimedia Computing Systems And Applications,Wireless Networks,The Internet,And Many More&..

International Business Management Pradip Kumar Sinha 2009 In today's rapidly changing scenario of the world, the study of international business management has become necessary for management students. This book has been developed to set a new standard for international business textbooks. The book provides a comprehensive and up-to-date coverage of all the related world issues with special reference to India. It is written in simple language and maintains an integrated and logical flow from beginning to end. The book mainly focuses on managerial implications, which caters to the needs of management

students. The book presents a thorough review of economies and politics of international trade and investment and various functions and forms of Global monetary system. It is hoped that this book will definitely be liked and appreciated by the readers/ students.

The Making of Miracles in Indian States M. Govinda Rao 2015-04-01 Growth miracles typically have been studied at the country level. In *The Making of Miracles in Indian States*, internationally-renowned economists Arvind Panagariya and M. Govinda Rao bring together a team of six leading scholars to break from that tradition and study three growth miracles in India at the level of the state: Andhra Pradesh, Bihar, and Gujarat. These are three large and diverse states in India: Gujarat has the third-highest per-capita income among the largest eighteen states, Bihar is the poorest, and Andhra Pradesh falls in the middle. Despite vast differences among the states, all three have grown at rates exceeding 8% for an entire decade in the twenty-first century. Each section of this three-part book offers a historical perspective on the state's development and the specific factors that improved its economic fortunes. The three case studies are backed by extensive quantitative documentation. They demonstrate the critical role that leadership, translated into improved policies and implementation, plays in stimulating growth and development. *The Making of Miracles in Indian States* is essential reading for students and scholars alike, as well as policy makers, NGO workers, and employees of international institutions.

INFORMATION TECHNOLOGY : THEORY AND PRACTICE SINHA, PRADEEP K. 2016-03-14 This book is based on the premise that knowledge of Information Technology (IT) is essential today for people in every walk of life and all types of profession. It is designed to impart a unified body of knowledge and practice in IT to its readers. Readers can apply this knowledge in innovative ways for various strategic advantages such as increasing productivity, improving quality of products and services, problem solving, decision making, and improving their own and others living standards. The textbook takes a practical approach to introduce the various components of IT to its readers. While doing so, it demonstrates how IT is being used in modern enterprises by various departments to carry out their activities with greater ease, speed, and accuracy than before. It also introduces several new business models and practices made possible due to IT that enterprises are now using for better profitability. In the process, the book provides to its readers a sound foundation of various components and aspects of IT. It also introduces to its

readers several latest concepts and technologies in IT such as Wearable computers, Green computing, Cloud computing, Speech recognition and voice response systems, 4G and 5G networks, Big data analytics, Data science, Web 3.0, IPv6, 3D printing, Enterprise 2.0 organization, etc.

Textbook of Orthodontics Samir E. Bishara 2001 This is a comprehensive textbook written for the predoctoral dental student. Samir E. Bishara and the other contributors present the fundamentals of orthodontics in 30 chapters divided into six sections: Growth and Development; Diagnosis; Appliances; Treatment and Treatment Considerations; Other Aspects Related to Treatment; and Orthodontics and Adjunct Treatment. Case examples relate the concepts to clinical applications and make the text appealing and useful. Comprehensive coverage of the fundamentals of orthodontics, including general embryology; approaches to the diagnosis of different malocclusions; how orthodontic appliances work; surgical orthodontics and temporomandibular disorders. More than 20 renowned contributors allow the reader to learn from today's leading orthodontic experts, including Thomas Graber, Eugene Roberts, and A.E. Athanasiou. Provides a detailed approach of how to examine an orthodontic case, diagnose and differentiate between simple and more complex problems. More than 960 illustrations visually demonstrate case examples from start to finish - clinical applications come to life!

Digital Filtering in One and Two Dimensions M. Ahmadi 2013-06-29 This book has been conceived to extend the generally published work on one- and two-dimensional digital filters in order to include some of the more recently developed ideas. It is intended to supplement and build on the classical books which cover the fundamental concepts of the topic. As a consequence of this, the basic theory is stated in a compact manner and is not developed thoroughly, as this would result in considerable duplication of existing books. The main theme of the book has been to provide a comprehensive background to the methods available for the realization of both recursive and nonrecursive digital filters, and to give an insight into some of the more recent implementation procedures. The book is planned to cover one- and two-dimensional systems in parallel, showing the techniques which are applicable in both areas, and also the limitations and constraints necessary when a one-dimensional technique is extended to systems of higher dimensionality. The theme of the book commences with several chapters on the design of filter transfer functions to meet given specifications. This is followed by a discussion of methods of

implementing these in a practical system and the limitations imposed as a result of noise and finite word length. Finally, a discussion of some applications is included.

Chemical and Functional Properties of Food Lipids Zdzislaw Z. E. Sikorski 2010-12-12 Chemical and Functional Properties of Food Lipids provides a concise, straightforward treatment of the present state of knowledge of the nomenclature, content, composition, occurrence, distribution, chemical and biological reactivity, functional properties, and biological role of lipids in food systems. Written by a team of international researchers and based on the available world literature, this book examines the nature, technological properties, reactivity, and health-related concerns and benefits of food lipids. It covers the effects of storage and processing conditions on all aspects of quality of lipid-containing foods and reviews the current state of techniques for lipid analysis. The volume also discusses the importance of lipids in the human diet and includes a comparison of dietary recommendations for lipid intake. This is a valuable reference for researchers and graduate students in food chemistry and nutrition.

Chromosome Biology Rudi Appels 2012-12-06 Chromosome biology has been brought to a golden age by phenomenal advances in molecular genetics and techniques. This is true in the plant arena, and it is becoming increasingly true in animal studies, where chromosomes are more difficult to work with. With advanced knowledge of transformation, scientists can tell exactly where a new element enters a chromosome. Conversely, molecular biologists can make large mistakes if they do not understand the behavior of chromosomes. Written by internationally recognized experts in the field, this book is the most authoritative work on the subject to date. Students of genetics, crop science and plant breeding, entomology, animal science, and related fields will benefit from this comprehensive and practical textbook.

Emerging Research in Cloud Distributed Computing Systems Bagchi, Susmit 2015-03-31 Traditional computing concepts are maturing into a new generation of cloud computing systems with wide-spread global applications. However, even as these systems continue to expand, they are accompanied by overall performance degradation and wasted resources. Emerging Research in Cloud Distributed Computing Systems covers the latest innovations in resource management, control and monitoring applications, and security of cloud technology. Compiling and analyzing current trends, technological

concepts, and future directions of computing systems, this publication is a timely resource for practicing engineers, technologists, researchers, and advanced students interested in the domain of cloud computing.

Management Control Systems A Managerial Emphasis Sinha 2009

A Structural Perspective on Respiratory Complex I Leonid Sazanov 2012-05-11 The book contains chapters written by leaders in the research on the structure and function of respiratory complex I. It will provide a concise and authoritative summary of the current knowledge on complex I of respiratory chains. This enzyme is central to energy metabolism and is implicated in many human neurodegenerative diseases, as well as in aging. Until recently it was poorly understood on a structural level, and this book will provide a timely reference resource. Such a book was not published previously. The last time a minireview series on complex I were published was in 2001, and since then complex I field changed quite dramatically.

Numerical Methods for Roots of Polynomials - Part II J.M. McNamee 2013-07-19 We discuss Graeffes's method and variations. Graeffe iteratively computes a sequence of polynomials so that the roots of are those of raised to the power . Then the roots of can be expressed in terms of the coefficients of . Special treatment is given to complex and/or multiple modulus roots. A method of Lehmer's finds the argument as well as the modulus of the roots, while other authors show how to reduce the danger of overflow. Variants such as the Chebyshev-like process are discussed. The Graeffe iteration lends itself well to parallel processing, and two algorithms in that context are described. Error estimates are given, as well as several variants.

Cytogenetics P. K. Gupta 2007

Applied Mechanics Reviews 1971

Biomaterials and Bionanotechnology 2019-05-29 Biomaterials and Bionanotechnology examines the

current state of the field within pharmaceutical sciences and concisely explains the history of biomaterials including key developments. Written by experts in the field, this volume within the Advances in Pharmaceutical Product Development and Research series deepens understanding of biomaterials and bionanotechnology within drug discovery and drug development. Each chapter delves into a particular aspect of this fast-moving field to cover the fundamental principles, advanced methodologies and technologies employed by pharmaceutical scientists, researchers and pharmaceutical industries to transform a drug candidate or new chemical entity into a final administrable dosage form, with particular focus on biomaterials and bionanomaterials. This book provides a comprehensive examination suitable for researchers working in the pharmaceutical, cosmetics, biotechnology, food and related industries as well as advanced students in these fields. Examines the most recent developments in biomaterials and nanomaterials for pharmaceutical sciences Covers important topics, such as the fundamentals of polymers science, transportation and bio interaction of properties in nanomaterials across biological systems, and nanotechnology in tissue engineering as they pertain specifically to pharmaceutical sciences Contains extensive references for further discovery on the role of biomaterials and nanomaterials in the drug discovery process

Groundnut P. S. Reddy 1988 Contributed articles.

Nano-Materials as Photocatalysts for Degradation of Environmental Pollutants Pardeep Singh 2019-12-02

Nano-Materials as Photocatalysts for Degradation of Environmental Pollutants: Challenges and Possibilities contains both practical and theoretical aspects of environmental management using the processes of photodegradation and various heterogeneous catalysts. The book's main focus is on the degradation of harmful pollutants, such as petrochemicals, crude oils, dyes, xenobiotic pharmaceutical waste, endocrine disrupting compounds, and other common pollutants. Chapters incorporate both theoretical and practical aspects. This book is useful for undergraduate or university students, teachers and researchers, especially those working in areas of photocatalysis through heterogeneous catalysts. The primary audience for this book includes Chemical Engineers, Environmental Engineers and scientists, scholars working on the management of hazardous waste, scientists working in fields of materials science, and Civil Engineers working on wastewater treatment. Reviews recent trends in the photodegradation of

organic pollutants Offers a bibliometric analysis of photocatalysis for environmental abatement Includes many degradation mechanisms of organic pollutants using various catalysts Includes examples on the degradation of organic pollutants from various sources, e.g., pharmaceuticals, dyes, pesticides, etc. Discusses the effect of nanocatalysts on soil, plants and the ecosystem

New Directions in Antimatter Chemistry and Physics Clifford M. Surko 2001-08-31 This book presents a state-of-the-art view of antimatter-matter chemistry and physics, with emphasis on the nanoscopic interactions of positronium atoms with ordinary matter. Selected applications are also discussed. The chapters present a summary of current knowledge in terms of both theory and experiment and as look to the future of research in this area. Extensive bibliographies are included to make the volume a useful reference book. This volume is intended for a broad audience, ranging from specialists in positron research to the graduate students who could use one or a few of the chapters as the introduction to a research area.

Fuzzy Expert Systems for Disease Diagnosis Kumar, A.V. Senthil 2014-11-30 The development of fuzzy expert systems has provided new opportunities for problem solving amidst uncertainties. The medical field, in particular, has benefitted tremendously from advancing fuzzy system technologies. *Fuzzy Expert Systems for Disease Diagnosis* highlights the latest research and developments in fuzzy rule-based methods used in the detection of medical complications and illness. Offering emerging solutions and practical applications, this timely publication is designed for use by researchers, academicians, and students, as well as practitioners in the medical field.

Advanced Nutrition and Human Metabolism Sareen S. Gropper 2016-10-05 Current, comprehensive, and designed to maximize clarity of essential concepts, longtime best-seller *ADVANCED NUTRITION AND HUMAN METABOLISM* delivers its signature quality content in a student-friendly way. The 7th Edition continues to set the standard through the authors' ability to clearly and accurately explain even the most complex metabolic processes and concepts, while staying at an undergraduate level. It gives students a solid understanding of digestion, absorption, and metabolism of fat, protein, and carbohydrates; examines the structures and functions of water-soluble and fat-soluble vitamins -- including their regulatory roles in

metabolism; and provides information on vitamin and mineral food sources, recommended intakes, deficiency, and toxicity. With ADVANCED NUTRITION AND HUMAN METABOLISM, 7th Edition, students will be well prepared to continue their studies in the field of nutrition. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Quantum Chemistry R.K. Prasad 2001

Single-phase, Two-phase and Supercritical Natural Circulation Systems Pallippattu Krishnan Vijayan
2019-06-19 Single-Phase, Two-Phase and Supercritical Natural Circulation Systems provides readers with a deep understanding of natural circulation systems. This book equips the reader with an understanding on how to detect unstable loops to ensure plant safety and reliability, calculate heat transport capabilities, and design effective natural circulation loops, stability maps and parallel channel systems. Each chapter begins with an introduction to the circulation system before discussing each element in detail and analyzing its effect on the performance of the system. The book also presents thermosyphon heat transport devices in nuclear and other industrial plants, a common information need for students and researchers alike. This book is invaluable for engineers, designers, operators and consultants in nuclear, mechanical, electrical and chemical disciplines. Presents single-phase, two-phase and supercritical natural circulation systems together in one resource to fill an existing knowledge gap Guides the reader through relevant processes, such as designing, analyzing and generating stability maps and natural circulation loops, calculating heat transport capabilities, and maintaining natural circulation system operations Includes global case studies and examples to increase understanding, along with important IAEA standards and procedures

COMPUTER FUNDAMENTALS (SEMESTER - 1). P. K. SINGH 2015

The Proteome Revisited A. Stoyanov 2001-10-25 The book deals with the theory and practice of all electrophoretic steps leading to proteome analysis, i.e. isoelectric focusing (including immobilized pH gradients), sodium dodecyl sulphate electrophoresis (SADS-PAGE) and finally two-dimensional maps. It is a reasoned collection of all modern, relevant, up-to-date methodologies leading to successful fractionation,

analysis and characterization of every polypeptide spot in 2-D map analysis. It includes chapters on the most sophisticated mass spectrometry developments and it helps the reader in navigating through the most important databases in proteome analysis, including step by step tours in selected sites. Yet, this book's unique strength and feature is the fact that it combines not only practice (in common with any other book on this topic) but also theory, by giving a detailed treatment on the most advanced theoretical treatments of steady-state techniques, such as isoelectric focusing and immobilized pH gradients. A lot of this theory is newly developed and presented to the public for the first time. Thus, this book should satisfy not only the needs of every day practitioners, but also the desires of the most advanced theoreticians in the field, who will surely appreciate the novel theories presented here. Also the methodological section contains several as yet unpublished protocols, correcting some of the existing ones and showing the pitfall and limitations of even well ingrained protocols in proteome analysis, which are here critically re-evaluated for the first time.

Cytogenetics in Plant Breeding J. Sybenga 2012-12-06 An introductory discussion of basic chromosome structure and function precedes the main text on the application of cytogenetic approaches to the analysis of the manipulation of both the genetic make-up and the genetic transmission system of plant breeding material. Analysis using light and electron microscopy, segregations and molecular techniques, yields information for assessing the material before and after manipulation. Much attention is given to quantitative methods. Manipulation not only involves the construction of specific genotypes, but also chromosomal transmission systems. Although analysis and manipulation in the somatic cycle are considered, the focus is on the generative cycle, with emphasis on analysis and subsequent segregation of specifically constructed material. The book is intended for plant breeders and other scientists interested in the analysis and manipulation of breeding material at the chromosomal level. Comparisons with molecular and cell biological approaches are made, and the potential of the various methods is evaluated.

SELL (Book Only) Thomas N. Ingram 2019-01-10 4LTR Press solutions give students the option to choose the format that best suits their learning preferences. This option is perfect for those students who focus on the textbook as their main course resource. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Handbook of Research on Pattern Engineering System Development for Big Data Analytics Tiwari, Vivek 2018-04-20 Due to the growing use of web applications and communication devices, the use of data has increased throughout various industries. It is necessary to develop new techniques for managing data in order to ensure adequate usage. The Handbook of Research on Pattern Engineering System Development for Big Data Analytics is a critical scholarly resource that examines the incorporation of pattern management in business technologies as well as decision making and prediction process through the use of data management and analysis. Featuring coverage on a broad range of topics such as business intelligence, feature extraction, and data collection, this publication is geared towards professionals, academicians, practitioners, and researchers seeking current research on the development of pattern management systems for business applications.

National Union Catalog 1978

Biodiversity and Crop Improvement Shabir Hussain Wani 2015-05-31 Plant breeding during its evolution has been utilizing biodiversity for producing better crops. Nowadays everyone is concerned about saving the biodiversity. Intensive agricultural practices, climate change and Industrialization are having a straight impact on biodiversity. Use of single new improved varieties of crops for large areas is a big threat for crop biodiversity. Modern breeding approaches are also suggesting going back towards the land races and farmer's varieties for gene hunting for resistance to various biotic and abiotic stresses. This book includes the description about biodiversity and crop improvement. It also addresses the utilization of plant genetic resources and crop wild relatives for crop improvement through application of traditional plant breeding techniques as well as molecular and genomic approaches. Through this multi authored book an effort has been made to assimilate the most topical results about biodiversity and crop improvement with contemporary plant breeding approaches. Eleven chapters written by leading scientists involved in crop Improvement research worldwide provide sufficient coverage of the major factors impacting utilization of biodiversity for crop improvement.

Digital Protection Protective Relaying From Electromechanical To Microprocess Lakneshwar Prakash Singh 2006 The Present Edition Of The Book Contains Almost All The Topics Connected With Protection Schemes. The Book, Which Consists Of Ten Main Chapters And Two Appendices, Starts With The Chapter On Introduction, And Includes Chapters On Fundamental And Basic Theory Of Protection Schemes, Definition Of Various Terms, Different Types Of Protective Relaying Schemes, Generalized Mathematical Theory Of Protective Relay, Relay As A Comparator, Single Input, Dual Input And Multi-Input Comparator, Different Types And Arrangement Of Protection Schemes For Various Components And Detailed Studies Of Electromechanical, Electronics, Static And Digital Relaying Schemes. The Digital Protection Of Synchronous Machines, Transformer And Transmission Line Based, Both On Fundamental And Travelling Wave Phenomena, Are Dealt With In Detail. Also Included In The Present Edition, Are The Related Topics Such As Theory And Design Of Dynamic Test Bench, P.C. Based Relay Setting And Coordination, P.C. Based Short Circuit Studies And Ultra High Speed Relaying Schemes. The Present Edition Which Contains Almost All The Topics Of Current Interest In The Area Of Protective Relaying, Will Certainly Be Very Useful To The Teachers, Students And Engineers Working With The Utilities. The Present Edition Is The Result Of Teaching By The Author To The Undergraduate And Postgraduate Level Classes And Supervising Several Doctoral And Master Thesis And Graduate Level Projects In The Area Of Power System Protection At The Indian Institute Of Technology, Kanpur, For More Than Two Decades. The Content Of The Present Edition Has Been Class-Tested For Several Years At The Undergraduate And Postgraduate Level Classes At L.L.T., Kanpur. It Has Also Been Tested In Several Intensive Courses Offered By The Author Under Qip And Other Schemes To The Teachers Of Academic Institutions And Also Engineers Working With Utilities.

Phytomanagement of Fly Ash Vimal Chandra Pandey 2020-03-06 Phytomanagement of Fly Ash brings together the recent and established knowledge of different aspects of fly ash management, providing a cutting-edge synthesis of scientific and experiential knowledge on contaminated site restoration. Phytomanagement of Fly Ash provides readers with ecologically friendly and cost-effective solutions to decontaminate fly ash polluted sites, along with potential opportunities in phytoremediation that also yield biodiesel, aromatic oil, bio-fortified products and pulp-paper biomass. The book also focuses on novel topics, such as afforestation on fly ash catena, adaptive management, potential sink for carbon

sequestration, and ecosystem goods and services. This book is a useful reference for environmental professionals in the coal industry, ecological planners and managers, students, practitioners and policymakers involved in phytoremediation. Provides a holistic approach to fly ash, covering the ecological, economic and social issues related to its management Addresses the multiple industrial uses of fly ash Includes strategies to mitigate costs related to fly ash dump restoration

Topical Antifungals—Advances in Research and Application: 2012 Edition 2012-12-26 Topical Antifungals—Advances in Research and Application: 2012 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Topical Antifungals in a concise format. The editors have built Topical Antifungals—Advances in Research and Application: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Topical Antifungals in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Topical Antifungals—Advances in Research and Application: 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Handbook of Nanocomposite Supercapacitor Materials II Kamal K. Kar 2020-07-31 This book covers the performance aspects of nanocomposite supercapacitor materials based on transition metal oxides, activated carbon, carbon nanotubes, carbon nanofibers, graphene and conducting polymers. It compares the performance of simple electrode materials versus binary and ternary composites, while highlighting the advantages and challenges of different supercapacitor electrode materials. This book is part of the Handbook of Nanocomposite Supercapacitor Materials. Supercapacitors have emerged as promising devices for electrochemical energy storage, playing an important role in energy harvesting for meeting the current demands of increasing global energy consumption. The handbook covers the materials science and engineering of nanocomposite supercapacitors, ranging from their general characteristics and performance to materials selection, design and construction. Covering both fundamentals and recent

developments, this handbook serves a readership encompassing students, professionals and researchers throughout academia and industry, particularly in the fields of materials chemistry, electrochemistry, and energy storage and conversion. It is ideal as a reference work and primary resource for any introductory senior-level undergraduate or beginning graduate course covering supercapacitors.