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ROJAS RIVERS

The Music Room Springer Science & Business Media

Whether you're already in the cloud, or determining whether or not it makes sense for your organization, *Cloud Computing and Software Services: Theory and Techniques* provides the technical understanding needed to develop and maintain state-of-the-art cloud computing and software services. From basic concepts and recent research findings to fut

Disaster Mental Health Services S. Chand Publishing

This volume presents research papers on micro and nano manufacturing and surface engineering which were presented during the 7th International and 28th All India Manufacturing Technology, Design and Research conference 2018 (AIMTDR 2018). The papers discuss the latest advances in miniature manufacturing, the machining of miniature components and features as well as improvement of surface properties. This volume will be of interest to academicians, researchers, and practicing engineers alike.

EM John Wiley & Sons

Database and Mobile Computing brings together in one place important contributions and up-to-date research results in this important area. *Databases and Mobile Computing* serves as an excellent reference, providing insight into some of the most important research issues in the field.

Women, Business and the Law 2021 Independently Published

This book contains a collection of selected and revised papers originally presented at the Workshop on Emerging Web Service Technology (WEWST) held in conjunction with the 4th European Conference on Web Services (ECOWS'06) in Zurich, Switzerland, December 2006. It details the latest innovations, developments and results in Web Services research. In addition, the book records the evolution of important ideas emerging in the Web Services field.

Engineering Mechanics Prentice Hall

"This publication presents a series of practical applications of different Soft Computing techniques to real-world problems, showing the enormous potential of these techniques in solving problems"--Provided by publisher.

Autonomous Horizons IGI Global

"This book provides insight into the latest findings concerning data warehousing, data mining, and their applications in everyday human activities"--Provided by publisher.

Recommender Systems Handbook IGI Global

Women, Business and the Law 2021 is the seventh in a series of annual studies measuring the laws and regulations that affect women's economic opportunity in 190 economies. The project presents eight indicators structured around women's interactions with the law as they move through their lives and careers:

Mobility, Workplace, Pay, Marriage, Parenthood,

Entrepreneurship, Assets, and Pension. This year's report updates all indicators as of October 1, 2020 and builds evidence of the

links between legal gender equality and women's economic inclusion. By examining the economic decisions women make throughout their working lives, as well as the pace of reform over the past 50 years, *Women, Business and the Law 2021* makes an important contribution to research and policy discussions about the state of women's economic empowerment. Prepared during a global pandemic that threatens progress toward gender equality, this edition also includes important findings on government responses to COVID-19 and pilot research related to childcare and women's access to justice.

Business Process Management Springer

This book presents a comprehensive study covering the design and application of microwave sensors for glucose concentration detection, with a special focus on glucose concentration tracking in watery and biological solutions. This book is based on the idea that changes in the glucose concentration provoke variations in the dielectric permittivity of the medium. Sensors whose electrical response is sensitive to the dielectric permittivity of the surrounding media should be able to perform as glucose concentration trackers. At first, this book offers an in-depth study of the dielectric permittivity of water-glucose solutions at concentrations relevant for diabetes purposes; in turn, it presents guidelines for designing suitable microwave resonators, which are then tested in both water-glucose solutions and multi-component human blood plasma solutions for their detection ability and sensitivities. Finally, a portable version is developed and tested on a large number of individuals in a real clinical scenario. All in all, the book reports on a comprehensive study on glucose monitoring devices based on microwave sensors. It covers in depth the theoretical background, provides extensive design guidelines to maximize sensitivity, and validates a portable device for applications in clinical settings.

Advances in Micro and Nano Manufacturing and Surface Engineering Universities Press

This book covers all aspects of deficiency of essential elements and excess of toxic ones in crop plants. The metal deficiency and toxicity are the two sides of same problem that are threatening to sustainable agricultural growth. The book presents prospective strategies for the management of elemental nutrition of crop plants. Chapters are arranged in a manner so as to develop a lucid picture of the topic beginning from basics to advanced research. The content is supplemented with flow charts and figures to make it convenient for readers to holistically grasp the concepts. It will be a value addition for students, research scholars and professionals in understanding the basics as well latest developments in the area of metal deficiency and excess in crop plants.

Engineering Mechanics Springer Science & Business Media

This book addresses the phenomenon of biological autoluminescence (also known as ultraweak photon emission, UPE, biochemiluminescence, or biophotons) and deals with a very broad spectrum of subjects, ranging from basic observational studies to molecular mechanisms, free-radical processes, physics

of electron excitation and photon emission, as well as detection techniques. The chapter topics include UPE in plants, animals, and the human body; microorganisms and subcellular structures; and model systems, illustrating its high prevalence. Several sections of the book provide some backstory, with emphasis on methodology, unresolved questions, and existing controversies. The authors raise and discuss complex, potentially divisive aspects: Are there any reasons to assume the existence of non-chemical interaction in biological systems? Can research results in the field of mitogenetic radiation, delayed luminescence, and oxychemiluminescence of model systems, be correctly interpreted? What does the future hold for this area of research? Altogether, this publication gives the reader a thorough overview of biological autoluminescence (UPE, biophotonics) research, making it ideal for students and researchers who are new to the area as well as those who are specializing in it.

Handbook of Cloud Computing Random House India

A modern vector oriented treatment of classical dynamics and its application to engineering problems.

A Textbook of Engineering Physics Pluto Press (UK)

Statics is the first volume of a three-volume textbook on Engineering Mechanics. The authors, using a time-honoured straightforward and flexible approach, present the basic concepts and principles of mechanics in the clearest and simplest form possible to advanced undergraduate engineering students of various disciplines and different educational backgrounds. An important objective of this book is to develop problem solving skills in a systematic manner. Another aim of this volume is to provide engineering students as well as practising engineers with a solid foundation to help them bridge the gap between undergraduate studies on the one hand and advanced courses on mechanics and/or practical engineering problems on the other. The book contains numerous examples, along with their complete solutions. Emphasis is placed upon student participation in problem solving. The contents of the book correspond to the topics normally covered in courses on basic engineering mechanics at universities and colleges. Now in its second English edition, this material has been in use for two decades in Germany, and has benefited from many practical improvements and the authors' teaching experience over the years. New to this edition are the extra supplementary examples available online as well as the TM-tools necessary to work with this method.

Engineering Mechanics Firewall Media

When Namita is ten, her mother takes her to Dhondutai, a respected Mumbai music teacher from the great Jaipur Gharana. Dhondutai has dedicated herself to music and her antecedents are rich. She is the only remaining student of the legendary Alladiya Khan, the founder of the gharana and of its most famous singer, the tempestuous songbird, Kesarbai Kerkar. Namita begins to learn singing from Dhondutai, at first reluctantly and then, as the years pass, with growing passion. Dhondutai sees in her a second Kesar, but does Namita have the dedication to give herself up completely to music—or will there always be too many late nights and cigarettes? Beautifully written, full of anecdotes, gossip and legend, *The Music Room* is perhaps the most intimate book to be written about Indian classical music yet.

Problems and Solutions in Engineering Mechanics Springer Science & Business Media

This second edition of a well-received text, with 20 new chapters, presents a coherent and unified repository of recommender systems' major concepts, theories, methodologies, trends, and challenges. A variety of real-world applications and detailed case studies are included. In addition to wholesale revision of the existing chapters, this edition includes new topics including: decision making and recommender systems, reciprocal

recommender systems, recommender systems in social networks, mobile recommender systems, explanations for recommender systems, music recommender systems, cross-domain recommendations, privacy in recommender systems, and semantic-based recommender systems. This multi-disciplinary handbook involves world-wide experts from diverse fields such as artificial intelligence, human-computer interaction, information retrieval, data mining, mathematics, statistics, adaptive user interfaces, decision support systems, psychology, marketing, and consumer behavior. Theoreticians and practitioners from these fields will find this reference to be an invaluable source of ideas, methods and techniques for developing more efficient, cost-effective and accurate recommender systems.

Evolving Application Domains of Data Warehousing and Mining: Trends and Solutions CRC Press

The increasing demand for electronic devices for private and industrial purposes lead designers and researchers to explore new electronic devices and circuits that can perform several tasks efficiently with low IC area and low power consumption. In addition, the increasing demand for portable devices intensifies the call from industry to design sensor elements, an efficient storage cell, and large capacity memory elements. Several industry-related issues have also forced a redesign of basic electronic components for certain specific applications. The researchers, designers, and students working in the area of electronic devices, circuits, and materials sometimes need standard examples with certain specifications. This breakthrough work presents this knowledge of standard electronic device and circuit design analysis, including advanced technologies and materials. This outstanding new volume presents the basic concepts and fundamentals behind devices, circuits, and systems. It is a valuable reference for the veteran engineer and a learning tool for the student, the practicing engineer, or an engineer from another field crossing over into electrical engineering. It is a must-have for any library.

Soft Computing Methods for Practical Environment

Solutions: Techniques and Studies Springer Nature

Treats subjects directly related to nonlinear materials modeling for graduate students and researchers in physics, materials science, chemistry and engineering.

Designing Microwave Sensors for Glucose Concentration Detection in Aqueous and Biological Solutions Springer Nature

This comprehensive and self-contained textbook will help students in acquiring an understanding of fundamental concepts and applications of engineering mechanics. With basic prior knowledge, the readers are guided through important concepts of engineering mechanics such as free body diagrams, principles of the transmissibility of forces, Coulomb's law of friction, analysis of forces in members of truss and rectilinear motion in horizontal direction. Important theorems including Lami's theorem, Varignon's theorem, parallel axis theorem and perpendicular axis theorem are discussed in a step-by-step manner for better clarity. Applications of ladder friction, wedge friction, screw friction and belt friction are discussed in detail. The textbook is primarily written for undergraduate engineering students in India. Numerous theoretical questions, unsolved numerical problems and solved problems are included throughout the text to develop a clear understanding of the key principles of engineering mechanics. This text is the ideal resource for first year engineering undergraduates taking an introductory, single-semester course in engineering mechanics.

Cloud Computing and Software Services Universal Law Publishing

Will war ever end? Women across the world are proving that they can oppose patriarchal capitalist violence

Textbook of Surveying New Age International

Dr. Greg Zacharias, former Chief Scientist of the United States Air Force (2015-18), explores next steps in autonomous systems (AS) development, fielding, and training. Rapid advances in AS development and artificial intelligence (AI) research will change how we think about machines, whether they are individual vehicle platforms or networked enterprises. The payoff will be considerable, affording the US military significant protection for aviators, greater effectiveness in employment, and unlimited opportunities for novel and disruptive concepts of operations. *Autonomous Horizons: The Way Forward* identifies issues and makes recommendations for the Air Force to take full advantage of this transformational technology.

Engineering Mechanics Cambridge University Press

CLOUD COMPUTING SOLUTIONS The main purpose of this book is to include all the cloud-related technologies in a single platform, so that researchers, academicians, postgraduate students, and those in the industry can easily understand the cloud-based ecosystems. This book discusses the evolution of cloud

computing through grid computing and cluster computing. It will help researchers and practitioners to understand grid and distributed computing cloud infrastructure, virtual machines, virtualization, live migration, scheduling techniques, auditing concept, security and privacy, business models, and case studies through the state-of-the-art cloud computing countermeasures. This book covers the spectrum of cloud computing-related technologies and the wide-ranging contents will differentiate this book from others. The topics treated in the book include: The evolution of cloud computing from grid computing, cluster computing, and distributed systems; Covers cloud computing and virtualization environments; Discusses live migration, database, auditing, and applications as part of the materials related to cloud computing; Provides concepts of cloud storage, cloud strategy planning, and management, cloud security, and privacy issues; Explains complex concepts clearly and covers information for advanced users and beginners. Audience The primary audience for the book includes IT, computer science specialists, researchers, graduate students, designers, experts, and engineers who are occupied with research.