
Engineering Mathematics By Sameer Shah

The Power Of Numbers

Springer Handbook of Mechanical Engineering

Advanced Algorithmic Approaches to Medical Image Segmentation

Resilient Water Services and Systems:

Blockchain for Information Security and Privacy

High-Dimensional Statistics

Proceedings of 2nd International Conference, ICICC 2017

State-of-the-Art Applications in Cardiology, Neurology, Mammography and Pathology

The Syncretic Traditions of Islamic Religious Architecture of Kashmir (Early 14th -18th Century)

Soft Computing in Data Science

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Strategic System Assurance and Business Analytics

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ECAI 2016

Army RD & A Bulletin

CRC Handbook of Thermal Engineering, Second Edition

A Systems Biology Approach to Understanding Cellular Dynamics During HIV-1 Infection and Progression to AIDS.

Proceedings of Seventh International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012)

Who's Who in Science and Engineering 2008-2009

6th International Conference, SCDS 2021, Virtual Event, November 2-3, 2021, Proceedings

American Book Publishing Record

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Annual Commencement

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Controlled Nanoscale Motion

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KIERA NATHAN

The Power Of Numbers Springer

This book constitutes the refereed proceedings of the 6th International Conference on Soft Computing in Data Science, SCDS 2021, which was held virtually in November 2021. The 31 revised full papers presented were carefully reviewed and selected from 79 submissions. The papers are organized in topical sections on AI techniques and

applications; data analytics and technologies; data mining and image processing; machine & statistical learning. IOS Press

A gentle introduction to genetic algorithms. Genetic algorithms revisited: mathematical foundations. Computer implementation of a genetic algorithm. Some applications of genetic algorithms. Advanced operators and techniques in genetic search. Introduction to genetics-based machine learning. Applications of genetics-based machine learning. A look back, a glance ahead. A review of combinatorics and elementary probability.

Pascal with random number generation for fortran, basic, and cobol programmers. A simple genetic algorithm (SGA) in pascal. A simple classifier system(SCS) in pascal. Partition coefficient transforms for problem-coding analysis. *Springer Handbook of Mechanical Engineering* S. Chand Publishing This book systematically examines and quantifies industrial problems by assessing the complexity and safety of large systems. It includes chapters on system performance management, software reliability assessment, testing, quality management, analysis using soft

computing techniques, management analytics, and business analytics, with a clear focus on exploring real-world business issues. Through contributions from researchers working in the area of performance, management, and business analytics, it explores the development of new methods and approaches to improve business by gaining knowledge from bulk data. With system performance analytics, companies are now able to drive performance and provide actionable insights for each level and for every role using key indicators, generate mobile-enabled scorecards, time series-based analysis using charts, and dashboards. In the current dynamic environment, a viable tool known as multi-criteria decision analysis (MCDA) is increasingly being adopted to deal with complex business decisions. MCDA is an important decision support tool for analyzing goals and providing optimal solutions and alternatives. It comprises several distinct techniques, which are implemented by specialized decision-making packages. This book addresses a number of important MCDA methods, such as DEMATEL, TOPSIS, AHP, MAUT, and

Intuitionistic Fuzzy MCDM, which make it possible to derive maximum utility in the area of analytics. As such, it is a valuable resource for researchers and academicians, as well as practitioners and business experts.

Advanced Algorithmic Approaches to Medical Image Segmentation Celestial Books

I feel elevated in presenting the New edition of this standard treatise. The favourable reception, which the previous edition and reprints of this book have enjoyed, is a matter of great satisfaction for me. I wish to express my sincere thanks to numerous professors and students for their valuable suggestions and recommending the patronise this standard treatise in the future also.

Resilient Water Services and Systems: CRC Press

This book presents a comprehensive overview of the historical and cultural linkages between India and Iran in terms of art and architectural traditions and their commonality and diversity. It addresses themes such as early connections between Iran, India and Central Asia; study of the Qutub Complex in Delhi; the

great immigration of Turks from Asia to Anatolia; the collaboration of Indian and Persian painters; design, ornamentation techniques and regional dynamics; women and public spaces in Shahjahanabad and Isfahan; the noble-architects of emperor Shah Jahan's reign; development of Kashmir's Islamic religious architecture in the medieval period; role of Nur Jahan and her Persian roots in the evolution of the Mughal Garden; synthesis of Indo-Iranian architecture; and confluence of Indo-Persian food culture; to showcase the richness of art, architecture, and socio-cultural and political exchanges between the two countries. Bringing together a wide array of perspectives, it delves into the roots of connection between India and Iran over centuries to understand its influence and impact on the artistic and cultural genealogy and the shared past of two of the oldest civilizations and regional powers of the world. With its archival sources, this book will be useful to scholars and researchers of medieval history, Indian history, international relations, Central Asian history, Islamic studies, Iranian history, art and architecture, heritage studies, cultural

studies, regional studies, and South Asian studies as well as those interested in the study of socio-cultural and religious exchanges.

Blockchain for Information Security and Privacy Routledge Chapman & Hall

A coherent introductory text from a groundbreaking researcher, focusing on clarity and motivation to build intuition and understanding.

High-Dimensional Statistics CRC Press

"This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by publisher.

Proceedings of 2nd International Conference, ICICC 2017 IGI Global

This book describes materials of construction, the sources, characteristics, extraction, manufacture and uses. It meets the complete syllabi needs of undergraduate courses in civil engineering. The text includes a listing of: the various sources of materials; availability in different areas; manufacturing of varieties of materials; introduction of charts, tables and graphs with informative notes; and, the use of

water and its procession, along with schematic diagrams.

State-of-the-Art Applications in Cardiology, Neurology, Mammography and Pathology Springer Nature

Medical imaging is an important topic and plays a key role in robust diagnosis and patient care. It has experienced an explosive growth over the last few years due to imaging modalities such as X-rays, computed tomography (CT), magnetic resonance (MR) imaging, and ultrasound. This book focuses primarily on model-based segmentation techniques, which are applied to cardiac, brain, breast and microscopic cancer cell imaging. It includes contributions from authors working in industry and academia, and presents new material.

The Syncretic Traditions of Islamic Religious Architecture of Kashmir (Early 14th -18th Century) CRC Press

This volume provides an introduction to the state-of-the-art of controlled nanoscale motion in biological and artificial systems. Coverage includes the control and function of protein motors, the physics of non-equilibrium Brownian motion, and the physics and fabrication of synthetic

molecular motors. The chapters in this book are based on selected contributions on the 2005 Nobel Symposium on Controlled Nanoscale Motion.

Soft Computing in Data Science IWA Publishing

Distributed and peer-to-peer (P2P) applications are increasing daily, and cyberattacks are constantly adopting new mechanisms to threaten the security and privacy of users in these Internet of Things (IoT) environments. Blockchain, a decentralized cryptographic-based technology, is a promising element for IoT security in manufacturing, finance, healthcare, supply chain, identity management, e-governance, defence, education, banking, and trading.

Blockchain has the potential to secure IoT through repetition, changeless capacity, and encryption. Blockchain for Information Security and Privacy provides essential knowledge of blockchain usage in the mainstream areas of security, trust, and privacy in decentralized domains. This book is a source of technical information regarding blockchain-oriented software and applications. It provides tools to researchers and developers in both

computing and software engineering to develop solutions and automated systems that can promote security, trust, and privacy in cyberspace. FEATURES Applying blockchain-based secured data management in confidential cyberdefense applications Securing online voting systems using blockchain Safeguarding electronic healthcare record (EHR) management using blockchain Impacting security and privacy in digital identity management Using blockchain-based security and privacy for smart contracts By providing an overview of blockchain technology application domains in IoT (e.g., vehicle web, power web, cloud internet, and edge computing), this book features side-by-side comparisons of modern methods toward secure and privacy-preserving blockchain technology. It also examines safety objectives, efficiency, limitations, computational complexity, and communication overhead of various applications using blockchain. This book also addresses the combination of blockchain and industrial IoT. It explores novel various-levels of information sharing systems.

Advances in Electromechanical

Technologies S. Chand Publishing
The book gathers papers addressing state-of-the-art research in all areas of Information and Communication Technologies and their applications in intelligent computing, cloud storage, data mining and software analysis. It presents the outcomes of the third International Conference on Information and Communication Technology for Intelligent Systems, which was held on April 6–7, 2018, in Ahmedabad, India. Divided into two volumes, the book discusses the fundamentals of various data analytics and algorithms, making it a valuable resource for researchers' future studies. *Introduction to Engineering Mathematics Vol-1 (GBTU)* Springer Science & Business Media
The CRC Handbook of Thermal Engineering, Second Edition, is a fully updated version of this respected reference work, with chapters written by leading experts. Its first part covers basic concepts, equations and principles of thermodynamics, heat transfer, and fluid dynamics. Following that is detailed coverage of major application areas, such as bioengineering, energy-efficient

building systems, traditional and renewable energy sources, food processing, and aerospace heat transfer topics. The latest numerical and computational tools, microscale and nanoscale engineering, and new complex-structured materials are also presented. Designed for easy reference, this new edition is a must-have volume for engineers and researchers around the globe.

Strategic System Assurance and Business Analytics IGI Global Snippet Artificial Intelligence continues to be one of the most exciting and fast-developing fields of computer science. This book presents the 177 long papers and 123 short papers accepted for ECAI 2016, the latest edition of the biennial European Conference on Artificial Intelligence, Europe's premier venue for presenting scientific results in AI. The conference was held in The Hague, the Netherlands, from August 29 to September 2, 2016. ECAI 2016 also incorporated the conference on Prestigious Applications of Intelligent Systems (PAIS) 2016, and the Starting AI Researcher Symposium (STAIRS). The papers from PAIS are included in this

volume; the papers from STAIRS are published in a separate volume in the Frontiers in Artificial Intelligence and Applications (FAIA) series. Organized by the European Association for Artificial Intelligence (EurAI) and the Benelux Association for Artificial Intelligence (BNVKI), the ECAI conference provides an opportunity for researchers to present and hear about the very best research in contemporary AI. This proceedings will be of interest to all those seeking an overview of the very latest innovations and developments in this field.

Order of Exercises Springer

This book comprises select peer-reviewed papers from the International Conference on Emerging Trends in Electromechanical Technologies & Management (TEMT) 2019. The focus is on current research in interdisciplinary areas of mechanical, electrical, electronics and information technologies, and their management from design to market. The book covers a wide range of topics such as computer integrated manufacturing, additive manufacturing, materials science and engineering, simulation and modelling, finite element analysis, operations and

supply chain management, decision sciences, business analytics, project management, and sustainable freight transportation. The book will be of interest to researchers and practitioners of various disciplines, in particular mechanical and industrial engineering.

ECAI 2016 Army RD & A Bulletin Army R, D & A. Controlled Nanoscale Motion Nobel Symposium 131

This book provides a comprehensive and accessible introduction to knowledge graphs, which have recently garnered notable attention from both industry and academia. Knowledge graphs are founded on the principle of applying a graph-based abstraction to data, and are now broadly deployed in scenarios that require integrating and extracting value from multiple, diverse sources of data at large scale. The book defines knowledge graphs and provides a high-level overview of how they are used. It presents and contrasts popular graph models that are commonly used to represent data as graphs, and the languages by which they can be queried before describing how the resulting data graph can be enhanced with notions of schema, identity, and context. The book

discusses how ontologies and rules can be used to encode knowledge as well as how inductive techniques—based on statistics, graph analytics, machine learning, etc.—can be used to encode and extract knowledge. It covers techniques for the creation, enrichment, assessment, and refinement of knowledge graphs and surveys recent open and enterprise knowledge graphs and the industries or applications within which they have been most widely adopted. The book closes by discussing the current limitations and future directions along which knowledge graphs are likely to evolve. This book is aimed at students, researchers, and practitioners who wish to learn more about knowledge graphs and how they facilitate extracting value from diverse data at large scale. To make the book accessible for newcomers, running examples and graphical notation are used throughout. Formal definitions and extensive references are also provided for those who opt to delve more deeply into specific topics.

Army RD & A Bulletin Springer Nature For B.E./B.Tech. / B.Arch. Students for First Semester of all Engineering Colleges of

Maha Maya Technical University, Noida and Gautam Buddha Technical University, Lucknow

CRC Handbook of Thermal Engineering, Second Edition S. Chand Publishing

Resilient Water Services and Systems: The Foundation of Well-Being provides an overarching framework on water and sanitation services and how they are coping with resilience, aging infrastructure and climate change. The Editors present conceptual evidence about resilience backed by case studies that demonstrate resilience in practice. There are 13 case studies, from Asia, Africa, Europe and North and South America, providing informative perspectives from around the world. This is a timely collection of historic and contemporary evidence that will have

increasing relevance in the coming decades. This volume will be of relevance to both scholars and practitioners.

“Resilient water services are the key to water security across the world. Sustaining them is a challenging task in high-income countries where aging infrastructure is a critical issue, and in low-income countries where new infrastructure is needed and ability-to-pay is a more formidable barrier to success. The editors have compiled a succinct analysis and assembled case studies that cover diverse regions and contexts. From this book the reader will gain a wealth of knowledge about water services, as well as rich vicarious experiences from the cases.

[A Systems Biology Approach to Understanding Cellular Dynamics During](#)

[HIV-1 Infection and Progression to AIDS.](#) Cambridge University Press
Vols. 28-30 accompanied by separately published parts with title: Indices and necrology.

Proceedings of Seventh International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012) Addison-Wesley Professional
Engineering Mathematics (Conventional and Objective Type) completely covers the subject of Engineering Mathematics for engineering students (as per AICTE) as well as engineering entrance exams such as GATE, IES, IAS and Engineering Services Exams. Though a first edition, the book is enriched by 50 years of Academics and professional experience of the Author(s) and the experience of more than 85 published books.

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