

# Stability Of Structures By Ashwini Kumar

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Soft Computing for Problem Solving - Kedar Nath Das 2019-11-27

This two-volume book presents the outcomes of the 8th International Conference on Soft Computing for Problem Solving, SocProS 2018. This conference was a joint technical collaboration between the Soft Computing Research Society, Liverpool Hope University (UK), and Vellore Institute of Technology (India), and brought together researchers, engineers and practitioners to discuss thought-provoking developments and challenges in order to select potential future directions. The book highlights the latest advances and innovations in the interdisciplinary areas of soft computing, including original research papers on algorithms (artificial immune systems, artificial neural networks, genetic algorithms, genetic programming, and particle swarm optimization) and applications (control systems, data mining and clustering, finance, weather forecasting, game theory, business and forecasting applications). It offers a valuable resource for both young and experienced researchers dealing with complex and intricate real-world problems that are difficult to solve using traditional methods.

**Dissertation Abstracts International** - 2000

Journal of the Chemical Society - 1996

CONCEPTS OF YOGA AND FITNESS - Dr. Shivakumar S. , Mr. Balakrishna , Mrs. Rekha K. , Mrs. Ashwini K. N., Mr. Prasad Kumar G. C. & Dr. Gajanana Prabhu B. 2022-04-01  
Meaning of Yoga Yoga is a 5000-year-old

tradition. In India monks went into seclusion for years with the goal of creating a dis-ease free strong body. The original intention was to be able to sit in meditation for hours but with a achy body that is impossible to do. The postures of yoga were each created for a specific health purpose. To Detoxify, realign musculature, strengthen muscle, and create flexibility. Along with correcting the fallacies of the body, these yogis went about trying to find how to correct fallacies of the mind. An entire philosophy was created, based solely around leading a human being finding his or her bliss. The teachings were so dead -on that they are still practiced 5000 years later. Yoga has become more popular than ever, with celebrities, politicians, business people, and almost every walk of life currently practicing. The important thing to understand about this way of thinking is yoga is not a religion. People from any background can surely reap its benefits.

*Ameri can Doct oral Di ssert ati on* 1992

*Technol ogi es for Sust ai nabl e Devel opme nt* Alka Mahajan 2022-02-14

This volume contains a selection of papers presented at the 7th Nirma University International Conference on Engineering 'NUiCONE 2019'. This conference followed the successful organization of four national conferences and six international conferences in previous years. The main theme of the conference was "Technologies for Sustainable Development", which is in line with the "SUSTAINABLE DEVELOPMENT GOAL" established by the United Nations. The

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conference was organized with many interdisciplinary technical themes encompassing a broad range of disciplines and enabling researchers, academicians and practitioners to choose between ideas and themes. Besides, NUiCONE-2019 has also presented an exciting new set of events to engage practicing engineers, technologists and technopreneurs from industry through special knowledge sharing sessions involving applied technical papers based on case-study applications, white-papers, panel discussions, innovations and technology products. This proceedings will definitely provide a platform to proliferate new findings among researchers. Advances in Transportation Engineering Emerging Trends in Water Resources and Environmental Engineering Construction Technology and Management Concrete and Structural Engineering Futuristic Power System Control of Power Electronics Converters, Drives and E-mobility Advanced Electrical Machines and Smart Apparatus Chemical Process Development and Design Technologies and Green Environment Sustainable Manufacturing Processes Design and Analysis of Machine and Mechanism Energy Conservation and Management Advances in Networking Technologies Machine Intelligence / Computational Intelligence Autonomic Computing Control and Automation Electronic Communications Electronics Circuits and System Design Signal Processing

**Indian Journal of Chemistry - 1979**

Comprehensive Dissertation Index - 1984

**A Concise History of Afghanistan-Central Asia and India in 25 Volumes - HAMID ALIKUZAI 2015-01-19**

Thirteen years after the U.S. invasion of Afghanistan Thirteen years after the U.S. invasion of Afghanistan, the gains that the international coalition has made with its local partners are real but reversible. Afghanistan is no longer a global hub of terrorist activity, but Taliban resurgence would threaten to make it one again. Reconstruction assistance has produced demonstrable progress in health, education, and economic well-being, but corruption and governance problems have

undermined popular support for the government in Kabul and constrained the overall level of progress. Internationally, a coalition still backs the International Security Assistance Force (ISAF) military mission. However, NATO's will is waning; China, Russia, and India are largely free riders; and Punjab and Iran publicly say the right things, while destabilizing Afghanistan by privately meddling to their own ends. Political and economic realities in the United States make the current level of American engagement in Afghanistan unsustainable. But as the commitment of coalition partners fades, what Washington decides will shape the future of South Asia. Looking ahead, there are three different scenarios for American engagement in Afghanistan. It remains to be seen exactly which route Washington will take. But it is clear that U.S. interests require a long-term commitment not only in Afghanistan but across the region. Lest it be forgotten, the consequences of ignoring the region in the 1990s were visited upon the United States on 9/11. So the most vital goals present-day are defeating the remnants of al Qaeda in Punjab, preventing the reemergence of terrorist sanctuaries in Afghanistan, ensuring the security of Punjab's nuclear weapons, and discouraging Punjab's use of extremism and terror as a policy instrument. There are three ways forward. Each entails a different degree of involvement and carries varying risks and rewards. The first option is the riskiest. Future #1: Immediate Departure and the Reallocation of Resources because discontent among the U.S. public over the war is already at an all-time high.

**Vaastu: The Art And Science Of Living - Ashwini Kumar 2005-11-01**

Vaastu Shastra is the art and science of living a happy and contented long life. In the modern-day world of high-speed technology, many diseases are arising out of faulty lifestyles. Classical principles of Vaastu Shastra describe the ancient way of living which need modifications in the present-day context. This book is an intelligent amalgamation of the ancient practice of Vaastu living and modern technologies of house building and architecture. It offers an introduction to Vaastu Shastra, systematising and standardising its techniques and methodologies. The book has been divided into three sections. The first section has been

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devoted to the understanding of the key concepts, principles and forces of Vaastu that exert an influence on any given space. The second section of the book reveals how to create heaven on earth; right in your home. It shows how we can achieve internal peace by first achieving external peace in the house. The third section is related to the day-to-day use of Vaastu. One chapter has been devoted to Vaastu of workplace which, in many aspects, is different from residential Vaastu. This book has been written according to the established principles of Vedic Astrology; an inevitable part of Vaastu Shastra. The effect of the nine planets is considered in Astrology while mainly the effect of planet earth is taken in Vaastu. Astrology depends on dashas (Planetary Periods) while Vaastu depends on dishas (Directions), Jyotish assumes the existence of Kaal Purush (Time Personified) while Vaastu assumes the existence of Vaastu Purush (Space Personified). The book incorporates current knowledge of building science to explain the ancient wisdom of Vaastu Shastra only to bridge the gap between ancient traditions and modern way of thinking. No attempt has been made to transgress into the other parallel systems known as Feng Shui and Pyramidology, which require totally separate study. The work is meant primarily for those who want to learn Vaastu from the very beginning and pursue it seriously in a scientific manner. The book will also serve as a stepping-stone for those who intend to indulge in hitherto unexplored areas of Vaastu Shastra like suitability of certain directions for certain activities, hidden meanings of Vaastu Purush; forty-five demi gods; ten dikpalas; three energies and Panchmahabhootas, predicting the fate of a house and its inhabitants through Vaastu kala, etc.

Polysaccharide Carriers for Drug Delivery - Sabyasachi Maiti 2019-06-14

Polysaccharide Carriers for Drug Delivery presents the latest information on the selection of safe materials. Due to reported safety profiles on polysaccharides; they have been the natural choice for investigation. A wide variety of drug delivery and biomedical systems have been studied, however, the related information either concept-wise or application-oriented is scattered, therefore becoming difficult for

readers and researchers to digest in a concise manner. This gathering of information will help readers easily comprehend the subject matter. Focuses on biopolysaccharide-based, distinct approaches for drug delivery applications Illustrates new concepts and highlights future scope for clinical development Provides comprehensive, up-to-date information on different aspects of drug delivery technology *Serviços Bibliográficos da Livraria Portugal* Livraria Portugal. Serviços Bibliográficos 1985

Nuclear Science Abstracts - 1976-03

*Stability of Structures*

*Advances in Coastal and Ocean Engineering* Philip L-F Liu 2001-07-12

This invaluable volume consists of five articles covering a wide range of topics in coastal oceanographic engineering. The reader can find an article discussing the modern bubble measurement techniques applied to field studies of bubble dynamics in coastal shallow water. A comprehensive review paper on nonlinear modulation of water waves provides readers with a new perspective on nonlinear processes in the coastal and ocean wave environment. For those who are interested in wave modeling, there are two review articles discussing various wave models, which can be used to study wave-structure interactions and harbor oscillations. Finally, readers who are interested in the subject of stratified flows can find an article presenting the detailed laboratory observations of lock-exchange flows. Contents: Nonlinear Modulation of Water Waves (M Dingemans & A Otta) Bubble Measurement Techniques and Bubble Dynamics in Coastal Shallow Water (M-Y Su & J C Wesson) Simulation of Waves in Harbors Using Two-Dimensional Elliptic Equation Models (V Panchang & Z Demirbilek) Recent Advances in the Modeling of Wave and Permeable Structure Interaction (I J Losada) Descriptive Hydrodynamics of Lock-Exchange Flows (H Yeh & K Wada) Readership: Researchers, academics and graduate students in ocean engineering and mathematical modeling. Keywords: Water Waves; Nonlinear Propagation; Modulation of Water Waves; Modulation Over Varying Depth; Water

Depth;Schrodinger Equations;Higher-Order Modulation;Side-Band Instability;Mathematical Modeling;Elliptic Equations;Numerical Models;Ports and Harbors;Navigation;Coastal and Ocean Engineering Projects  
Stability Theory of Structures - Ashwini Kumar 1985

Canadiana - 1975

*PRINCIPLES OF TRANSPORTATION ENGINEERING* - PARTHA CHAKROBORTY 2003-01-01

This detailed introduction to transportation engineering is designed to serve as a comprehensive text for under-graduate as well as first-year master's students in civil engineering. In order to keep the treatment focused, the emphasis is on roadways (highways) based transportation systems, from the perspective of Indian conditions.

International Aerospace Abstracts - 1998

**The Internet of Medical Things (IoMT)** - R. J. Hemalatha 2022-02-11

INTERNET OF MEDICAL THINGS (IOMT)  
Providing an essential addition to the reference material available in the field of IoMT, this timely publication covers a range of applied research on healthcare, biomedical data mining, and the security and privacy of health records. With their ability to collect, analyze and transmit health data, IoMT tools are rapidly changing healthcare delivery. For patients and clinicians, these applications are playing a central part in tracking and preventing chronic illnesses — and they are poised to evolve the future of care. In this book, the authors explore the potential applications of a wave of sensor-based tools—including wearables and stand-alone devices for remote patient monitoring—and the marriage of internet-connected medical devices with patient information that ultimately sets the IoMT ecosystem apart. This book demonstrates the connectivity between medical devices and sensors is streamlining clinical workflow management and leading to an overall improvement in patient care, both inside care facilities and in remote locations.

**Indian Science Abstracts** - 1979

Annual Report - National Physical Laboratory (India) 1987

**Structural Integrity Assessment** - Raghu V. Prakash 2020-08-14

This volume contains selected papers from the Second Quadrennial International Conference on Structural Integrity (ICONS-2018). The papers cover important topics related to structural integrity of critical installations, such as power plants, aircrafts, spacecrafts, defense and civilian components. The focus is on assuring safety of operations with high levels of reliability and structural integrity. This volume will be of interest to plant operators working with safety critical equipment, engineering solution providers, software professionals working on engineering analysis, as well as academics working in the area.

*Sustainable Development* D. D. Khanna 1997

This book addresses three key concerns in the South Asian region, viz., sustainable development, environmental security and disarmament. Font Size= +1 Color= #FF0000  
Limited copies in stock-Supply subject to copies available at the time of purcha

Protein-Based Biopolymers - Susheel Kalia 2022-09-30

Protein-Based Biopolymers: From Source to Biomedical Applications provides an overview on the development and application of protein biopolymers in biomedicine. Protein polymers have garnered increasing focus in the development of biomedical materials, devices and therapeutics due to their intrinsic bioactivity, biocompatibility and biodegradability. This book comprehensively reviews the latest advances on the synthesis, characterization, properties and applications of protein-based biopolymers. Each chapter is dedicated to a single protein class, covering a broad range of proteins including silk, collagen, keratin, fibrin, and more. In addition, the book explores the biomedical potential of these polymers, from tissue engineering, to drug delivery and wound healing. This book offers a valuable resource for academics and researchers in the fields of materials science, biomedical engineering and R&D groups working in pharmaceutical and biomedical industries.

Covers a range of protein-based biopolymers,

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including elastin, collagen, keratin, soy and more Guides the reader through the fabrication, characterization and properties of protein biopolymers Explores the biomedical potential of protein biopolymers, covering applications such as cancer therapy, tissue engineering and drug delivery

*Science Abstracts* 1985

### **GGSIPO B.Sc Hons Nursing Guide 2022 -**

Deepa Chaudhary 2022-02-15

With the commencement of 2 Term Examination by CBSE Board, students are getting through with this new normal sense of examination. The second term or TERM II is a healthy amalgamation of multiple choice questions (MCQs) and subjective question. With more than ever important, the series of CBSE TERM II Sample Question Papers provides the complete and effective practice for the New Pattern of CBSE Exams. This series contains 10 Sample Questions designed as per guidelines issued on 14th Jan 2022. All the questions given in each paper, are strictly in line with pattern, type & nature of the question as given in Arihant's Sample Paper. With the theme of 'keep Practicing and Keep Scoring', the book "CBSE TERM II Sample Paper - Informatics Practices" class 12th, consists of: 1. 10 Sample Question Papers as per latest CBSE TERM II Sample Paper 2. One Day Revision Notes to revise all the concepts in a day before the exam 3. The Qualifier - Chapterwise to Check Preparation Level of each chapter 4. CBSE Question Bank and Latest CBSE Term II Sample Paper with detailed explanation TOC One Day Revision, The Qualifiers, CBSE Question Bank, Latest CBSE Term II Sample Paper, Sample Paper [1-10] [Recent Trends in Civil Engineering](#) - K. K. Pathak 2020-09-27

This book presents the selected peer-reviewed proceedings of the International Conference on Recent Trends and Innovations in Civil Engineering (ICRTICE 2019). The volume focuses on latest research and advances in the field of civil engineering and materials science such as design and development of new environmental materials, performance testing and verification of smart materials, performance analysis and simulation of steel structures, design and performance optimization of concrete

structures, and building materials analysis. The book also covers studies in geotechnical engineering, hydraulic engineering, road and bridge engineering, building services design, engineering management, water resource engineering and renewable energy. The contents of this book will be useful for students, researchers and professionals working in civil engineering.

### **Analysis and Design of FRP Reinforced Concrete Structures** - Shamsheer Bahadur Singh 2015-02-05

The Most Complete FRP Reinforced Concrete Structure Analysis and Design Guide This comprehensive reference provides proven design procedures for the use of fiber-reinforced polymer (FRP) materials for reinforcement, prestressing, and strengthening of reinforced concrete structures. The characteristics of FRP composite materials as well as the latest manufacturing techniques are discussed. Detailed illustrations and tables, design equations, end-of-chapter problems, and real-world case studies are included in this authoritative resource. Analysis and Design of FRP Reinforced Concrete Structures covers: Material characteristics of FRP bars History and uses of FRP technology Design of RC structures reinforced with FRP bars Design philosophy for FRP external strengthening systems Durability-based design approach for external FRP strengthening of RC beams

### **The Journal of the Aeronautical Society of India** - Aeronautical Society of India 1990

*Diabetes* - Awanish Kumar 2020-10-13

Diabetes: Epidemiology, Pathophysiology and Clinical Management aims to be the one-stop diabetes book for researchers, scientists and clinicians. It details the epidemiology, causes, molecular mechanisms, molecular markers, available drugs, experimental drugs, treatment modalities, and dietary and lifestyle approaches related to diabetes. It focuses on various molecular aspects of diabetes, and its related comorbidities. Apart from the drug-based treatment approach based on international guidelines, this book also describes various surgical treatments available for cases of uncontrolled symptomatic diabetes. It also lays emphasis on the future possibilities of different

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approaches for diabetes management. Key Features Includes treatment guidelines and approaches to diabetes provided by major global diabetes associations Provides a thorough and comprehensive assimilation of detailed information and updates in the field of diabetes, helpful for researchers, scientists and clinicians Contains a chapter on anti-diabetic drugs, that covers both the commercially approved drugs as well as those that are in various phases of experimental, pre-clinical, and clinical trials

**Advances in Engineering Structures, Mechanics & Construction** - M. Pandey  
2007-02-10

This book presents the proceedings of an International Conference on Advances in Engineering Structures, Mechanics & Construction, held in Waterloo, Ontario, Canada, May 14-17, 2006. The contents include contains the texts of all three plenary presentations and all seventy-three technical papers by more than 153 authors, presenting the latest advances in engineering structures, mechanics and construction research and practice.

*Advances in Lightweight Materials and Structures* A. Praveen Kumar 2020-10-13

This book presents select proceedings of the International Conference on Advanced Lightweight Materials and Structures (ICALMS) 2020, and discusses the triad of processing, structure, and various properties of lightweight materials. It provides a well-balanced insight into materials science and mechanics of both synthetic and natural composites. The book includes topics such as nano composites for lightweight structures, impact and failure of structures, biomechanics and biomedical engineering, nanotechnology and micro-engineering, tool design and manufacture for producing lightweight components, joining techniques for lightweight structures for similar and dissimilar materials, design for manufacturing, reliability and safety, robotics, automation and control, fatigue and fracture mechanics, and friction stir welding in lightweight sandwich structures. The book also discusses latest research in composite materials and their applications in the field of aerospace, construction, wind energy, automotive, electronics and so on. Given the range of topics covered, this book can be a useful resource for

beginners, researchers and professionals interested in the wide ranging applications of lightweight structures.

*Mathematical Reviews*- 2003

**Advanced Knitting Technology** - Subhankar Maity 2021-08-22

Advanced Knitting Technology provides complete coverage of the latest innovations and developments in knitting technology, including emerging methods as well as the latest best practice for classical processes. Many technologies can be used for the production of cloth such as weaving, knitting, nonwoven, and braiding. Knitting methods are being selected for a growing range of applications due to the spectacular properties of knitted fabric, such as softer tactile quality, higher stretchability, bulkiness, and functional properties that compare favorably with other woven fabrics. Beyond the well-known apparel applications, specially designed knitted structures are uniquely suitable for high performance applications like reinforcement for composites, medical implants, and geotextiles. This book presents recent advances in knitting technology, including structures, properties and applications of knitted fabrics in modern apparel, activewear, composites, medical textiles, and geotextiles. With reference to the latest industry practice, testing, quality and process control methods for knitting technologies are discussed. Advanced Knitting Technology covers recent advances in knitting technology, properties and performance of knitted structures, their applications in apparel and technical fields. Provides detailed and practical instructions for the sustainable production of knitted textiles, including sustainable chemical processing natural dyeing processes, and sustainability analysis methods Draws on the latest research to discuss the future of knitted apparels and high-tech applications of knitted structures as technical textiles Explores the latest applications of AI and machine learning to the knitting process

[An Insight Into Metal Based Foams](#) - Dipen Kumar Rajak 2020-11-24

The primary focus of this book, accordingly, is to provide insight into the fundamentals, applications, manufacturing aspects and properties (mechanical, thermal, electrical etc.)

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of metal foams. Their potential applications in various small- as well as large-scale industries are highlighted. The present book also focuses on aspects of designing simple structures by taking into account loading conditions under tensile, compressive or torsional stress for metals and their foams. In view of theoretical analysis, clear explanation is provided as how metal foams can exhibit better structural properties when compared to their parent metal. It is hoped that the present book, in view of significant application potential of metal foams in near future, will be extremely useful to students and academicians in tertiary institutes and researchers working in research labs who are attempting to find lightweight solutions.

*Artificial Intelligence for Signal Processing and Wireless Communication* Abhinav Sharma  
2022-04-04

This book focuses on artificial intelligence in the field of digital signal processing and wireless communication. The implementation of machine learning and deep learning in audio, image, and video processing is presented, while adaptive signal processing and biomedical signal processing are also explored through DL algorithms, as well as 5G and green communication. Finally, metaheuristic algorithms of related mathematical problems are explored.

Scientific and Technical Aerospace Reports -

1993

*Applied mechanics reviews* 1948

**The Grammar of Caste** - Ashwini Deshpande  
2011-08-03

Is the caste system disappearing? Are traditional hierarchies being replaced by competing equalities? Do globalization and liberalization automatically result in diminishing disparities? Are modern labour markets intrinsically meritocratic and efficient? Challenging the dominant discourse and demolishing various myths, this book provides answers to these and other critical questions on caste in its contemporary avatar. Linking the economics of caste with its politics, sociology, and history, this innovative book provides a stimulating assessment of continuities and changes in caste disparities over the last two decades. Deshpande uses rich empirical data to uncover how contemporary, formal, urban sector labour markets reflect a deep awareness of caste, religious, gender, and class cleavages. She convincingly argues that discrimination is neither a relic of the past nor is it confined to rural areas, but is very much a modern, formal sector phenomenon. This insightful book is an important step towards a multidisciplinary dialogue for understanding (and mitigating) inequalities based on birth and descent.