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India Who's who- 1990

Dynamics of Structure and Foundation - A Unified Approach-Indrajit Chowdhury 2008-12-17 Designed to provide engineers with quick access to current and practical information on the dynamics of structure and foundation, this unique work, consisting of two separately available volumes, serves as a complete reference, especially for those involved with earthquake or dynamic analysis, or the design of machine foundations in the oil, gas, a

Indian Science Abstracts- 1986

Fluid Mechanics: Including Hydraulic Machines-A. K. Jain 2011

Advances In The Chemistry And Physics Of Materials: Overview Of Selected Topics-Narayana Chandrabhas 2019-10-17 Advances in the Chemistry and Physics of Materials is a compilation of topics on the recent developments in the areas of Materials Science. Materials Science has been a subject of major interest which has garnered significant attention over the years. Chemists and physicists have contributed extensively to this frontier research area and their synergistic efforts have led to the discovery of many new, exciting materials involving novel functions. In the light of the growing importance of the field of Materials Science, and owing to the fact that it is a subject that holds a lot of promise, internationally renowned Materials Chemist Prof. C.N.R Rao along with his colleagues at the School of Advanced Materials, at JNCASR, have compiled the contents of this book to highlight and showcase the emerging trends in materials science. It touches upon topics spanning over nanomaterials and various other classes of energy materials for harvesting, storage and conversion. The relatively new and exciting range of materials such as supramolecular, soft and biomaterials have been introduced and elucidated, in the book. Special emphasis has been laid on the synthesis, phenomena and characterization of these kinds of materials. Theoretical and Computational Chemistry has played an important role in the growth of Materials Science as a discipline, and the book covers a special topical session on the theoretical efforts in materials research. The book, packed with theory and practical aspects in a crisp and concise manner, aims to take the reader on an intense scientific expedition. The compilation provides an insight into the chemistry and physics of materials and presents up-to-date status reports which would, undoubtedly, be useful to practitioners, teachers and students.

Pattern Recognition and Machine Learning-Christopher M. Bishop 2016-08-23 This is the first textbook on pattern recognition to present the Bayesian viewpoint. The book presents approximate inference algorithms that permit fast approximate answers in situations where exact answers are not feasible. It uses graphical models to describe probability distributions when no other books apply graphical models to machine learning. No previous knowledge of pattern recognition or machine learning concepts is assumed. Familiarity with multivariate calculus and basic linear algebra is required, and some experience in the use of probabilities would be helpful though not essential as the book includes a self-contained introduction to basic probability theory.

Basics of Mechanical Engineering-Rajesh Kumar R 2020-08-01

Engineering Mathematics-Singh 2010

Mathematical Reviews- 2004

Design of Steel Structures-S. K. Duggal 2008 The book covers the topics in depth, yet at the same time in a concise and student friendly way. The content has been arranged in a very organized and graded manner- (e.g. Chapter 6 on Tension Members) The flow is very well structured and topics have been.

Nanoelectronics, Circuits and Communication Systems-Vijay Nath 2018-08-01 This book features selected papers presented at Third International Conference on Nanoelectronics, Circuits and Communication Systems (NCCS 2017).

Covering topics such as MEMS and nanoelectronics, wireless communications, optical communication, instrumentation, signal processing, Internet of Things, image processing, bioengineering, green energy, hybrid vehicles, environmental science, weather forecasting, cloud computing, renewable energy, RFID, CMOS sensors, actuators, transducers, telemetry systems, embedded systems, and sensor network applications in mines, it is a valuable resource for young scholars, researchers, and academics.

The 86 Percent Solution-Vijay Mahajan 2005-09-14 Most global businesses focus nearly all their efforts on selling to the wealthiest 14% of the world's population. It's getting harder and harder to make a profit that way: these markets are oversaturated, overcompetitive, and declining. The Invisible Market shows how to unleash new growth and profitability by serving the other 86%. Vihajan Mahajan offers detailed strategies and implementation techniques for product design, pricing, packaging, distribution, advertising, and more. Discover radically different 'rules of engagement' that make emerging markets tick, and how European and Asian companies are already driving billions of dollars in sales there. Mahajan shows how to understand and manage lack of infrastructure and media, low literacy levels, and 'unconventional' consumer behavior. Learn how to redefine the 'real' competition; tap into the informal economy and unconventional channels; leverage expatriate word-of-mouth; pool demand to reach critical mass; piggyback innovations on local tradition; and price and package to reflect local realities. As traditional markets become increasingly unprofitable, emerging markets become the #1 opportunity for growth.

India-US Relations in the Age of Uncertainty-B.M. Jain 2016-04-20 In the initial phase of the Obama administration, India's ruling class and strategic community formed a perception that the spirit of strategic partnership between the two countries might be diluted on account of China looming large in the priorities of this administration. Despite occasional hiccups in their relationship, this perception was overshadowed by the administration's recognition of India's role as counterweight to China in the Asia-Pacific region. This book addresses and re-evaluates the perceptions, policies and perspectives of public policy makers and bureaucratic elites in both India and the US in setting and articulating the tone, tenor and substance of the multi-faceted ties between the two countries. The scope of the book is not exclusively limited to the bilateral relationship in the critical areas such as the Indo-US nuclear deal, defence, security and strategic partnership. Its concerns and ramifications are much wider in global and regional contexts, covering/involving security architecture in the Asia-Pacific region, the interface between terrorism and weapons of mass destruction (WMDs), China as a factor in India-US relations, and the fallout of the New Delhi-Washington partnership on South Asia.

Technological Developments in Education and Automation-Magued Iskander 2010-01-30 Technological Developments in Education and Automation includes set of rigorously reviewed world-class manuscripts dealing with the increasing role of technology in daily lives including education and industrial automation Technological Developments in Education and Automation contains papers presented at the International Conference on Industrial Electronics, Technology & Automation and the International Conference on Engineering Education, Instructional Technology, Assessment, and E-learning which were part of the International Joint Conferences on Computer, Information and Systems Sciences and Engineering

Surveying - II (S.E. Civil - Semester II - Nmu)-A. S. Shelar 2016

Advances in Data Sciences, Security and Applications-Vanita Jain 2019-12-02 This book gathers the best papers presented at the International Conference on Data Sciences, Security and Applications (ICDSSA 2019), organized by Bharati Vidyapeeth's College of Engineering, New Delhi, India, on 7-8 March 2019. The respective contributions present original research work, essential information, techniques and applications in the fields of data mining, artificial intelligence and computational intelligence. They also discuss machine learning in business intelligence and big data analytics, soft computing, security, cloud computing and the latest trends.

Global Power-B. M. Jain 2009-06 This book is a comprehensive view of India's foreign policy and relations from 1947-2006. Within an analytical framework that takes into account the processes of globalization and regionalization, Global Power covers India's relations with major powers and other South Asian regional powers, while also addressing its trade and investment linkages with the Association of Southeast Asian Nations (ASEAN) and the EU

Machine Design Data Book, 2e-V B Bhandari 2019-04-20 Machine Design is interdisciplinary and draws its matter from different subjects such as Thermodynamics, Fluid Mechanics, Production Engineering, Mathematics etc. to name a few. As such, this book serves as a databook for various subjects of Mechanical Engineering. It also acts as a supplement to our popular book, Design of Machine Elements. It's a concise, updated data handbook that maps with the syllabi of all major universities and technical boards of India as well as professional examining bodies such as Institute of Engineers.

Behavioral Dimensions of Retirement Economics-Henry Aaron 2010-12-01 Deciding when and how to retire are among the most important decisions most people make. Can they be depended on to plan with foresight and make sound decisions? According to standard economic analysis the answer is a qualified "yes." But studies by psychologists, sociologists, and economists themselves raise doubts about this comforting appraisal. This volume by analysts trained in economics and other disciplines suggests that retirement planning and decisions fall far short of the rational ideal. Gary Burtless explains what economic research has to say about retirement behavior. Annamaria Lusardi reports that many people in their fifties and older say they have not even thought about retirement. Mathey Rabin and Ted O'Donoghue show that procrastination can cause huge economic losses. Robert Axtell and Joshua Epstein show that herd behavior explains observed patterns of retirement behavior better than does the assumption of rational decisionmaking. George Loewenstein, Drazen Prelec, and Roberto Weber report that many people incorrectly anticipate what retirement will be like and rationalize whatever decision they have made. David Fetherstonhaugh and Lee Ross report experimental evidence that the effect of Social Security provisions may depend on how these policies are "framed" as well as on the specific content of those policies. These and other authors also explore the broader implications of these behavioral patterns. Copublished with Russell Sage Foundation

Social Transformation - Digital Way-Jyotsna Kumar Mandal 2018-08-23 This book constitutes the refereed proceedings of the 52nd Annual Convention of the Computer Society of India, CSI 2017, held in Kolkata, India, in January 2018. The 59 revised papers presented were carefully reviewed and selected from 157 submissions. The theme of CSI 2017, Social Transformation - Digital Way, was selected to highlight the importance of technology for both central and state governments at their respective levels to achieve doorstep connectivity with its citizens. The papers are organized in the following topical sections: Signal processing, microwave and communication engineering; circuits and systems; data science and data analytics; bio computing; social computing; mobile, nano, quantum computing; data mining; security and forensics; digital image processing; and computational intelligence.

Elements of Mechanical Engineering-R.K. Rajput 2005

Basic Mechanical Engineering-Pravin Kumar Basic Mechanical Engineering covers a wide range of topics and engineering concepts that are required to be learnt as in any undergraduate engineering course. Divided into three parts, this book lays emphasis on explaining the logic and physics of critical problems to develop analytical skills in students.

Earthquake Analysis and Design of Industrial Structures and Infra-structures-Indrajit Chowdhury 2018-10-06 Despite significant development in earthquake analysis and design in the last 50 years or more, different structures related to industry, infra structure and human habitats get destroyed with monotonic regularity under strong motion earthquake. Even the recent earthquake in Mexico in September 2017 killed a number of people and destroyed national assets amounting to hundreds of millions of dollars. Careful evaluation of the technology reveals that, despite significant development in earthquake engineering, most of the books that are available on the market for reference are primarily focused towards buildings and framed type structures. It is accepted that during an earthquake it is buildings that get destroyed most and has been the biggest killers of human life. Yet, there are a number of structures like retaining walls, water tanks, Bunkers, silos, tall chimneys, bridge piers etc that are equally susceptible to earthquake, and if damaged can cause serious trouble and great economic distress. Unfortunately, many of these systems are analyzed by techniques that are too simplified, unrealistic/obsolete or nothing is done about them, ignoring completely the seismic effects, as no guidelines exist for their analysis/design (like seismic analysis of counterfort retaining walls or dynamic pressures on bunker walls etc.). This highly informative book addresses many of these items for which there exists a significant gap in technology and yet remain an important life line of considerable commercial significance. The book is an outcome of authors' academic research and practice across the four continents (USA, Europe, Africa and Asia) in the last thirty two years, where many of these technologies have been put in practice, that got tested against real time earthquakes. All methods presented herein have been published previously in peer reviewed research journals and international conferences of repute before being put to practice. Professionals working in international EPC and consulting engineering firms, graduates taking advanced courses in earthquake engineering, doctoral scholars pursuing research in earthquake engineering in the area of dynamic soil structure interaction (DSSI) and advanced under graduates wanting to self-learn and update themselves on earthquake analysis and design are greatly benefited from this book.

Bio-Inspired Computing and Applications-De-Shuang Huang 2012-01-03 The three-volume set LNCS 6838, LNAI 6839, and LNBI 6840 constitutes the thoroughly refereed post-conference proceedings of the 7th International Conference on Intelligent Computing, ICIC 2011, held in Zhengzhou, China, in August 2011. This volume contains 93 revised full papers, from a total of 281 presentations at the conference - carefully reviewed and selected from 832 initial submissions. The papers address all issues in Advanced Intelligent Computing, especially Methodologies and Applications, including theories, methodologies, and applications in science and technology. They include a range of techniques such as artificial intelligence, pattern recognition, evolutionary computing, informatics theories and applications, computational neuroscience and bioscience, soft computing, human computer interface issues, etc.

Somaclonal Variation and Induced Mutations in Crop Improvement-S.M. Jain 2013-03-14 Genetic variability is an important parameter for plant breeders in any conventional crop improvement programme. Very often the desired variation is unavailable in the right combination, or simply does not exist at all. However, plant breeders have successfully recombined the desired genes from cultivated crop germplasm and related wild species by sexual hybridization, and have been able to develop new cultivars with desirable agronomic traits, such as high yield, disease, pest, and drought resistance. So far, conventional breeding methods have managed to feed the world's ever-growing population. Continued population growth, no further scope of expanding arable land, soil degradation, environmental pollution and global warming are causes of concern to plant biologists and planners. Plant breeders are under continuous pressure to improve and develop new cultivars for sustainable food production. However, it takes several years to develop a new cultivar. Therefore, they have to look for new technologies, which could be combined with conventional methods to create more genetic variability, and reduce the time in developing new cultivars, with early-maturity, and improved yield. The first report on induced mutation of a gene by H.J. Muller in 1927 was a major milestone in enhancing variation, and also indicated the potential applications of mutagenesis in plant improvement. Radiation sources, such as X-rays, gamma rays and fast neutrons, and chemical mutagens (e.g., ethyl methane sulphonate) have been widely used to induce mutations.

Principles of Engineering Metallurgy-L. Krishna Reddy 2007 This Book Presents The Basic Principles Of Metallurgy Which Serves As A Text Book For Students Of Mechanical, Production And Metallurgical Engineering In Polytechnics, Engineering Colleges And Also For Amie (India) Students. Practising Engineers Can Also Use This Book To Sharpen Their Knowledge. This Text Book Covers In A Lucid And Concise Manner, The Basic Principles Of Extraction Process, Phase Diagrams, Heat Treatment Deformation Of Metals And Many Other Aspects Useful For A Metallurgist.

A Textbook of Fluid Mechanics and Hydraulic Machines-R. K. Bansal 2004-12-31

High Performance Architecture and Grid Computing-Archana Mantri 2011-07-05 This book constitutes the refereed proceedings of the International Conference on High Performance Architecture and Grid Computing, HPAGC 2011, held in Chandigarh, India, in July 2011. The 87 revised full papers presented were carefully reviewed and selected from 240 submissions. The papers are organized in topical sections on grid and cloud computing; high performance architecture; information management and network security.

Advances in Computing and Information Technology-Natarajan Meghanathan 2012-08-13 The international conference on Advances in Computing and Information Technology (ACITY 2012) provides an excellent international forum for both academics and professionals for sharing knowledge and results in theory, methodology and applications of Computer Science and Information Technology. The Second International Conference on Advances in Computing and Information Technology (ACITY 2012), held in Chennai, India, during July 13-15, 2012, covered a number of topics in all major fields of Computer Science and Information Technology including: networking and communications, network security and applications, web and internet computing, ubiquitous computing, algorithms, bioinformatics, digital image processing and pattern recognition, artificial intelligence, soft computing and applications. Upon a strength review process, a number of high-quality, presenting not only innovative ideas but also a founded evaluation and a strong argumentation of the same, were selected and collected in the present proceedings, that is composed of three different volumes.

Refrigeration and Air-conditioning in S.I. Units-R. K. Rajput 1997

Advances in Solar Energy Technology-H.P. Garg 2013-03-14 The main objective of writing the three volume 'Advances in Solar Energy Technology' is to consolidate all the relevant latest information available in the field of solar energy (applied and theoretical in nature) and to assist both the students (i.e. undergraduate, postgraduate, research scholars etc.) and the professionals (i.e. consulting, design and contracting firms). I have discussed each and every topic in depth rather than a cursory overview. All the material required on a particular topic is included in the chapter and I have wherever possible given useful relationships in equation, graphical and tabular form. It is hoped that this completed Solar Energy Technology will serve the best source material in this field. The first chapter deals with the evacuated tubular collectors suitable to operate at a temperature of about 150°C with a daily energy collector efficiency in excess of 40 per cent. These collectors thus would be useful for efficient operation of Solar Airconditioning System, Power Generation and Process Heat System. Various advanced features like vacuum insulation, selective

black coating, anti-reflective coating, heat pipe, cusp reflector, etc., used in designing this advanced type of collector are discussed separately in this chapter. Transient mathematical model for its performance prediction and different designs of evacuated tubular collectors commercially produced in different countries of the world are described in brief to give the reader a good picture about their scope and working.

Trends in Computer Science, Engineering and Information Technology-Dhinakaran Nagamalai 2011-09-14 This book constitutes the refereed proceedings of the First International Conference on Computer Science, Engineering and Information Technology, CCSEIT 2011, held in Tirunelveli, India, in September 2011. The 73 revised full papers were carefully reviewed and selected from more than 400 initial submissions. The papers feature significant contributions to all major fields of the Computer Science and Information Technology in theoretical and practical aspects.

International Conference on Innovative Computing and Communications-Ashish Khanna 2019 This book includes high-quality research papers presented at the Third International Conference on Innovative Computing and Communication (ICICC 2020), which is held at the Shaheed Sukhdev College of Business Studies, University of Delhi, Delhi, India, on 21-23 February, 2020. Introducing the innovative works of scientists, professors, research scholars, students and industrial experts in the field of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications.

Zoonotic Tuberculosis-Charles O. Thoen 2014-02-12 Zoonotic Tuberculosis: Mycobacterium bovis and Other Pathogenic Mycobacteria, Third Edition is a comprehensive review of the state of the art in the control and elimination of infections caused by Mycobacterium tuberculosis complex in animals and humans. This update to the most complete and current reference available on Mycobacterium bovis includes new coverage of the latest molecular techniques; more information on human infection and One Health; updates to the information on the International Union Against Tuberculosis and Lung Disease (IUATLD), the World Health Organization (WHO), Pan American Health Organization (PAHO), and the United States Department of Agriculture's (USDA) National Tuberculosis Eradication Program; and coverage of additional African countries. The Third Edition upholds the book's reputation as a truly global resource on M. bovis. Written by an international list of tuberculosis experts, chapters cover the status of tuberculosis in many regions throughout the world and deal with issues related to the detection, spread, and control of Mycobacterium bovis, as well as the economic impact of outbreaks. Zoonotic Tuberculosis: Mycobacterium bovis and Other Pathogenic Mycobacteria offers valuable information for public health officials, medical doctors, state and federal regulatory veterinarians, veterinary practitioners, and animal caretakers.

Applied Thermodynamics-R. K. Rajput 2009-12

DESIGN OF MACHINE ELEMENTS (Subject Code MEC 604)-Vinod Thombre-Patil 2020 The 1st edition of book entitled "Design of Machine Elements" for IIIrd Year Diploma, Semester VI in Diploma in Mechanical Engineering Group as per the syllabus prescribed by SBTE. We have observed the students facing extreme difficulties in understanding the basic principles and fundamental concepts without adequate solved problems along with the text. To meet this basic requirement of students, sincere efforts have been made to present the subject matter with frequent use of figures and lots of numerical examples.

Engineering Mathematics - III-M Y Gokhale 2017-06-17 Unit I Linear differential equations and applications Unit II Laplace and Fourier transforms Unit III Statistics And probability Unit IV Vector Differential Calculus Unit V Vector integration Unit VI Partial Differential Equations

ICT Systems Security and Privacy Protection-Nora Cuppens-Boulahia 2014-05-12 This book constitutes the refereed proceedings of the 29th IFIP TC 11 International Information Security and Privacy Conference, SEC 2014, held in Marrakech, Morocco, in June 2014. The 27 revised full papers and 14 short papers presented were carefully reviewed and selected from 151 submissions. The papers are organized in topical sections on intrusion detection, data security, mobile security, privacy, metrics and risk assessment, information flow control, identity management, identifiability and decision making, malicious behavior and fraud and organizational security.

A Textbook of Strength of Materials-R. K. Bansal 2010

Milk and Dairy Products in Human Nutrition-Ellen Muehlhoff 2014-01-16 Milk and dairy products are a vital source of nutrition for many people. They also present livelihood opportunities for farm families, processors and other stakeholders in dairy value chains. Consumers, industry and governments need up-to-date information on how milk and dairy products can contribute to human nutrition and how dairy-industry development can best contribute to increasing food security and alleviating poverty. This publication is unique in drawing together information on nutrition, and dairy-industry development, providing a rich source of useful material on the role of dairy products in human nutrition and the way that investment in dairy-industry development has changed.

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