Fundamentals of Sustainability in Civil Engineering-Andrew Braham 2017-09-19 This book will provide a foundation to understand the development of sustainability in civil engineering, and tools to address the three pillars of sustainability: economics, environment, and society. It will also include case studies in the four major areas of civil engineering: environmental, structural, geotechnical, and transportation, and utilize the concepts found on the Fundamentals of Engineering (FE) exam. It is intended for upper-level civil engineering sustainability courses. In addition, practical report writing and presentation giving will be proposed as evaluation metrics versus standard numerical questions and exam-based evaluations found in most civil engineering courses.

Structural Health Monitoring 2000-Fu-Kuo Chang 1999-09-07 Comprising 102 papers presented by researchers from all over the world, the proceedings of this workshop contain current information about a variety of structural health monitoring technologies, as well as their current and potential applications in various fields. Emphasis is placed on those technologies that are promising for future applications in industry and government and the infrastructures that are needed to support such technological development. The content of the workshop is divided into keynote presentations (ten altogether), aerospace applications, general applications, civil applications, integration and systems, sensors, and signal processing and diagnostic methods. Includes the editor’s summary report on the results of the panel discussions and presentations from the First International Workshop on Structural Health Monitoring held at Stanford U. in September 1997. Annotation c. Book News, Inc., Portland, OR (booknews.com)

IMAC-XX-Alfred L. Wicks 2002

Dynamics and Control of Large Structures-Leonard Meirovitch 1991

Structural Analysis and Design of Tall Buildings-Bungale S. Taranath 2016-04-19 As software skills rise to the forefront of design concerns, the art of structural conceptualization is often minimized. Structural engineering, however, requires the marriage of artistic and intuitive designs with mathematical accuracy and detail. Computer analysis works to solidify and extend the creative idea or concept that might have started o

Cumulated Index Medicus- 1991

Cybernetics Abstracts- 1978

Applied Mechanics Reviews- 1997

Proceedings of the Fourth International Conference on Rotor Dynamics, September 7-9, 1994, Chicago, USA-Ronald L. Eshleman 1994


The Theory of Machines-Robery W. Angus 1917

Advances in Growth Curve and Structural Equation Modeling-Ratan Dasgupta 2018-09-03 This book explains and explores the growth curve model as a tool to gain insights into various research topics of interest to academics and practitioners alike. It includes studies on growth models for repeated measurement mixture experiments, and optimal designs for growth prediction in order to find an optimum design for the most efficient estimation of the parameters of the mixture models. It presents longitudinal studies conducted on the mathematical aptitude and intelligence quotient of tribal population in North Eastern states of India, and innovative statistical analysis showing that the status of tribes is improving over time. These results are supplemented by similar cross-sectional studies, and a retrospective longitudinal study of the social environment in North Eastern tribes indicating that the growth status of the social environment is improving. Child health is an important topic in developing countries, and as such the book features an overview of the growth and nutritional status of children aged 3 to 18 in India. Characterization of Extended Uniform Distribution and its applications for quality control in industrial production, and in yield data of tuber crops among others are discussed. Characterizations of distribution in terms of performance rate are also proved. There is also a contribution examining the past and present status of mangroves in Sunderban region of the Indian state of West Bengal from an ecological viewpoint using a growth curve model set-up. Lastly, it includes a chapter on a statistical study of platelet size decomposition and related growth model. Highlighting the importance of growth curve modelling as it applies to actual field data and encouraging more theoretically inclined statisticians to look into theoretical issues that need investigation, the book disseminates applications of the growth curve model to real-world problems and addresses related theoretical issues for the attention of theoreticians and practitioners.

Aerospace America- 1992


Journal of the South African Institute of Mining and Metallurgy-South African Institute of Mining and Metallurgy 1999


Sensors and Actuators-D. A. Hall 1999 This book contains the proceedings of a conference held at the Manchester Business School on 15-16 July 1996. It covers the topics of fundamental materials studies and the design and fabrication of prototype devices, and represents a cross section of the UK activity in sensors and actuators.

British Journal of Non-destructive Testing- 1994

Physics Briefs- 1994

Monthly List of Russian Accessions-Library of Congress. Processing Department 1961-12

A Collection of Technical Papers- 1992

Mathematical Reviews- 2004
Galaxy Disks and Disk Galaxies- José G. Funes (S. J.) 2001 Annotation
Proceedings of a meeting sponsored by the Vatican Observatory and held at Pontifical Gregorian U., Rome, in June 2000. The conference included some 230 participants from 30 countries and covered topics related to the structure, formation, and evolution of galaxies with disks. Topics include the stellar and gaseous disk of the Milky Way; the global characteristics of galaxy disks; their structure, morphology, and dynamics; the gaseous components, star formation, and chemical evolution; the interactions, accretions, mergers, and starbursts; the dark and luminous matter; the establishment of the scaling laws; and the formation and evolution of disk galaxies from theoretical and observational points of view. Annotation c. Book News, Inc., Portland, OR (booknews.com)

Nonlinear Vibrations-American Society of Mechanical Engineers. Design Engineering Division 1993

Second Advances in Solar Physics[s] Euroconference- Constantine E. Alassandriakhs 1998 The bulk of the contributions address optical, radio, extreme ultraviolet, and soft X-ray observations, their implications for theory, and their contribution to knowledge of the three-dimensional structure of solar active regions. The remainder of the contributions are devoted to solar observing techniques, solar data bases, coordination of SOHO and ground based observations, and preparations for the 1999 solar eclipse. Skimpy subject index. Annotation copyrighted by Book News, Inc., Portland, OR

National Union Catalog- 1978 Includes entries for maps and atlases.


Basic Applied Bioinformatics-Chandra Sekhar Mukhopadhyay 2017-09-15 An accessible guide that introduces students in all areas of life sciences to bioinformatics. Basic Applied Bioinformatics provides a practical guidance in bioinformatics and helps students to optimize parameters for data analysis and then to draw accurate conclusions from the results. In addition to parameter optimization, the text will also familiarize students with relevant terminology. Basic Applied Bioinformatics is written as an accessible guide for graduate students studying bioinformatics, biotechnology, and other related sub-disciplines of the life sciences. This accessible text outlines the basics of bioinformatics, including pertinent information such as downloading molecular sequences (nucleotide and protein) from databases; BLAST analyses; primer designing and its quality checking, multiple sequence alignment (global and local using freely available software); phylogenetic tree construction (using UPGMA, NJ, MP, ME, FM algorithm and MEGA7 suite), prediction of protein structures and genome annotation, RNASeq data analyses and identification of differentially expressed genes and similar advanced bioinformatics analyses. The authors Chandra Sekhar Mukhopadhyay, Ratan Kumar Choudhary, and Mir Asif Iquebal are noted experts in the field and have come together to provide an updated information on bioinformatics. Salient features of this book includes: Accessible and updated information on bioinformatics tools A practical step-by-step approach to molecular-data analyses Information pertinent to study a variety of disciplines including biotechnology, zoology, bioinformatics and other related fields Worked examples, glossary terms, problems and solutions Basic Applied Bioinformatics gives students studying bioinformatics, agricultural biotechnology, animal biotechnology, medical biotechnology, microbial biotechnology, and zoology an updated introduction to the growing field of bioinformatics.

Irrigation & Power- 1984

Monthly Index of Russian Accessions- 1963


Indian Books in Print- 2002

International Aerospace Abstracts- 1996