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Business Law I Essentials - MIRANDE. DE ASSIS VALBRUNE (RENEE. CARDELL, SUZANNE.) 2019-09-27

A less-expensive grayscale paperback version is available. Search for ISBN 9781680923018. Business Law I Essentials is a brief introductory textbook designed to meet the scope and sequence requirements of courses on Business Law or the Legal Environment of Business. The concepts are presented in a streamlined manner, and cover the key concepts necessary to establish a strong foundation in the subject. The textbook follows a traditional approach to the study of business law. Each chapter contains learning objectives, explanatory narrative and concepts, references for further reading, and end-of-chapter questions. Business Law I Essentials may need to be supplemented with additional content, cases, or related materials, and is offered as a foundational resource that focuses on the baseline concepts, issues, and approaches.

Advanced Structural Analysis - Devdas Menon 2009

Advanced Structural Analysis is a textbook that essentially covers matrix analysis of structures, presented in a fresh and insightful way. This book is an extension of the author's basic book on Structural Analysis. The initial three chapters review the basic concepts in structural analysis and matrix algebra, and show how the latter provides an excellent mathematical framework for the former. The next three chapters discuss in detail and demonstrate through many examples how matrix methods can be applied to linear static analysis of skeletal structures (plane and space trusses; beams and grids; plane and space frames) by the stiffness method. Also, it is shown how simple structures can be conveniently solved using a reduced stiffness formulation, involving far less computational effort. The flexibility method is also discussed. Finally, in the seventh chapter, analysis of elastic instability and second-order response is discussed in detail. The main objective is to enable the student to have a good grasp of all the fundamental issues in these advanced topics in Structural Analysis, besides enjoying the learning process, and developing analytical and intuitive skills. With these strong fundamentals, the student will be well prepared to explore and understand further topics like Finite Elements Analysis.

Matrix Analysis of Structures - Robert E. Sennett 2000-05-26

Matrix analysis of structures has become a widely used method in virtually all engineering disciplines. Sennett's outstanding volume, suitable both as a text for students and a reference for professional engineers, clearly presents the displacement method of matrix analysis from its use with a one-dimensional bar element through two-dimensional trusses and frames, finishing with three-dimensional transformations. Special topics, energy methods, and a brief introduction to the finite element method also are included. Computer programming, an essential part of engineering, permeates each chapter to give readers hands-on experience in problem solving.

A Fine Balance - Rohinton Mistry 2010-10-29

A Fine Balance, Rohinton Mistry's stunning internationally acclaimed bestseller, is set in mid-1970s India. It tells the story of four unlikely people whose lives come together during a time of political turmoil soon after the government declares a "State of Internal Emergency." Through days of bleakness and hope, their circumstances - and their fates - become inextricably linked in ways no one could have foreseen. Mistry's prose is alive with enduring images and a cast of unforgettable characters. Written with compassion, humour, and insight, A Fine Balance is a vivid, richly textured, and powerful novel written by one of the most gifted writers of our time.

Handbook of Pharmaceutical Salts Properties, Selection, and Use - P. Heinrich Stahl 2008-08-04

This comprehensive up-to-date guide and information source is an instructive companion for all scientists involved in research and development of drugs and, in particular, of pharmaceutical dosage forms.

The editors have taken care to address every conceivable aspect of the preparation of pharmaceutical salts and present the necessary theoretical foundations as well as a wealth of detailed practical experience in the choice of pharmaceutically active salts. Altogether, the contributions reflect the multidisciplinary nature of the science involved in selection of suitable salt forms for new drug products.

Matrix Analysis of Structures - Aslam Kassimali 2011-01-01

This book takes a fresh, student-oriented approach to teaching the material covered in the senior- and first-year graduate-level matrix structural analysis course. Unlike traditional texts for this course that are difficult to read, Kassimali takes special care to provide understandable and exceptionally clear explanations of concepts, step-by-step procedures for analysis, flowcharts, and interesting and modern examples, producing a technically and mathematically accurate presentation of the subject. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Matrix Methods for Advanced Structural Analysis - Manolis Papadrakakis 2017-11-13

Matrix Methods for Advanced Structural Analysis covers in detail the theoretical concepts related to rockbursts, and introduces the current computational modeling techniques and laboratory tests available. The second part is devoted to case studies in mining (coal and metal) and tunneling environments worldwide. The third part covers the most recent advances in measurement and monitoring. Special focus is given to the interpretation of signals and reliability of systems. The following part addresses warning and risk mitigation through the proposition of a single risk assessment index and a comprehensive warning index to portray the stress status of the rock and a successful case study. The final part of the book discusses mitigation including best practices for distressing and efficiently supporting rock. Provides a brief historical overview of methods of static analysis, programming principles and suggestions for the rational use of computer programs Provides MATLAB® oriented software for the analysis of beam-like structures Covers the principal steps of the Direct Stiffness Method presented for plane trusses, plane framed structures, space trusses and space framed structures

Modern South Asia - Sugata Bose 2004

A wide-ranging survey of the Indian sub-continent, Modern South Asia gives an enthralling account of South Asian history. After sketching the pre-modern history of the subcontinent, the book concentrates on the last three centuries from c.1700 to the present. Jointly written by two leading Indian and Pakistani historians, Modern South Asia offers a rare depth of understanding of the social, economic and political realities of this region. This comprehensive study includes detailed discussions of: the structure and ideology of the British raj; the meaning of subaltern resistance; the refashioning of social relations along lines of caste class, community and gender; and the state and economy, society and politics of post-colonial South Asia The new edition includes a rewritten, accessible introduction and a chapter by chapter revision to take into account recent research. The second edition will also bring the book completely up to date with a chapter on the period from 1991 to 2002 and a discussion of the last millennium in sub-continental history.

Ensemble Methods - Zhi-Hua Zhou 2012-06-06

An up-to-date, self-contained introduction to a state-of-the-art machine learning approach, Ensemble Methods: Foundations and Algorithms shows how these accurate methods are used in real-world tasks. It gives you the necessary groundwork to carry out further research in this evolving field. After presenting background and terminology, the book covers the main algorithms and theories, including Boosting, Bagging, Random Forest, averaging and voting schemes, the Stacking method, mixture of experts, and diversity measures. It also discusses multiclass

extension, noise tolerance, error-ambiguity and bias-variance decompositions, and recent progress in information theoretic diversity. Moving on to more advanced topics, the author explains how to achieve better performance through ensemble pruning and how to generate better clustering results by combining multiple clusterings. In addition, he describes developments of ensemble methods in semi-supervised learning, active learning, cost-sensitive learning, class-imbalance learning, and comprehensibility enhancement.

Interpreting Cardiac Electrograms - Kevin Michael 2017-10-18

This is a reference book aimed at cardiologists, electrophysiologists and fellows in training. It presents an expansive review of cardiac electrogram interpretation in a collation of manuscripts that represent clinical studies, relevant anecdotal cases and basic science chapters evaluating cardiac signal processing pertaining to persistent atrial fibrillation. A diagnostic approach to arrhythmias using a standard ECG, the signal average ECG and fetal ECG is highlighted. Intracardiac ICD electrograms are also explored in terms of trouble shooting and device programming.

Trees of Delhi - Pradip Krishen 2006

Basic Civil Engineering - Dr. B.C. Punmia 2003-05

Theory of Structures - Peter Marti 2013-03-20

This book provides the reader with a consistent approach to theory of structures on the basis of applied mechanics. It covers framed structures as well as plates and shells using elastic and plastic theory, and emphasizes the historical background and the relationship to practical engineering activities. This is the first comprehensive treatment of the school of structures that has evolved at the Swiss Federal Institute of Technology in Zurich over the last 50 years. The many worked examples and exercises make this a textbook ideal for in-depth studies. Each chapter concludes with a summary that highlights the most important aspects in concise form. Specialist terms are defined in the appendix. There is an extensive index befitting such a work of reference. The structure of the content and highlighting in the text make the book easy to use. The notation, properties of materials and geometrical properties of sections plus brief outlines of matrix algebra, tensor calculus and calculus of variations can be found in the appendices. This publication should be regarded as a key work of reference for students, teaching staff and practising engineers. Its purpose is to show readers how to model and handle structures appropriately, to support them in designing and checking the structures within their sphere of responsibility.

Concrete Abstracts - 1985

Civil Engineering - S. P. Gupta 2018-04-30

This edition has been thoroughly revised and enlarged. It is still considered to be a must for all those sitting Civil Engineering examinations.

Theory of Equations - James Victor Uspensky 1948

Complex numbers; Polynomials in one variable; Algebraic equations; Limits of roots; Rational roots; Cubic and biquadratic equations; Theorem; Determinants and matrices; Fundamental theorem of algebra.

Theory of Structures - G. S. Pandit 2000-08-01

Structural Analysis - Devdas Menon 2017-07-30

STRUCTURAL ANALYSIS (Second Edition) is a basic under-graduate text on Structural Analysis, presented with fresh insight and clarity.

Uncertainty Quantification in Laminated Composites - Sudip Dey

2018-09-19

Over the last few decades, uncertainty quantification in composite materials and structures has gained a lot of attention from the research community as a result of industrial requirements. This book presents computationally efficient uncertainty quantification schemes following meta-model-based approaches for stochasticity in material and geometric parameters of laminated composite structures. Several metamodels have been studied and comparative results have been presented for different static and dynamic responses. Results for sensitivity analyses are provided for a comprehensive coverage of the relative importance of different material and geometric parameters in the global structural responses.

WHO Guidelines for Indoor Air Quality - World Health Organization 2010

This book presents WHO guidelines for the protection of public health from risks due to a number of chemicals commonly present in indoor air. The substances considered in this review, i.e. benzene, carbon monoxide,

formaldehyde, naphthalene, nitrogen dioxide, polycyclic aromatic hydrocarbons (especially benzo[a]pyrene), radon, trichloroethylene and tetrachloroethylene, have indoor sources, are known in respect of their hazardousness to health and are often found indoors in concentrations of health concern. The guidelines are targeted at public health professionals involved in preventing health risks of environmental exposures, as well as specialists and authorities involved in the design and use of buildings, indoor materials and products. They provide a scientific basis for legally enforceable standards.

Topics in Mathematics Vector Analysis and Geometrys in Structural Analysis - R. Vaidyanathan 2005

Theory Of Strs, Vol-I - Pandit & Gupta 1999

Comprehensive Structural Analysis-I - R. Vaidyanathan 2005-12

Rail-Trails Iowa and Missouri - Rails-to-Trails Conservancy 2017-04-17

Whether you're looking for a trail for a leisurely stroll, a bike ride with the family, or something a bit more challenging, you'll find it in this comprehensive trail guide highlighting the best, most highly rated trails in Rail-Trails Iowa and Missouri. Many of the trails were converted from unused railroad corridors to become some of the best multiuse rail-trails in the region. In this guidebook, experts from the Rail-to-Trails Conservancy present their list of 58 of the best trails and rail-trails in Iowa and Missouri. Explore the region's history by hitting the Frisco Highline Trail, retracing a 35-mile route of Harry Truman's "Whistlestop" campaign. Readers can also meander along farmlands and forests on the 21-mile T-Bone Trail in Iowa. In addition to details about each trail, Rail-Trails Iowa and Missouri provides information about trail amenities, including restrooms, parking facilities, and water fountains.

Structural Analysis - Amin Ghali 2003-08-07

The fifth edition of this comprehensive textbook combines and develops concurrently, both classical and matrix-based methods of structural analysis. A new introductory chapter on structural analysis modelling has been added. The suitability of modelling structures as beams, plane or space frames and trusses, plane grids or assemblages of finite elements is discussed in this chapter, along with idealisation of loads, anticipated deformations, sketching deflected shapes, and bending moment diagrams. With new solved examples and problems added, the book now has over 100 worked examples and more than 350 problems with answers. A new companion website contains computer programs that can serve as optional aids in studying and in engineering practice: www.sponpress.com/civeng/support.htm. Structural Analysis: A Unified Classical and Matrix Approach, translated into six languages, is a textbook of great international renown, and is recommended by many civil and structural engineering lecturers to their students due to its clear and thorough style and content

Fundamentals of Structural Analysis, 2nd Edition - Roy, Sujit Kumar & Chakrabarty Subrata 2003

For B.E./B.Tech. in Civil Engineering and also useful for M.E./M.Tech. students. The book takes an integral look at structural engineering starting with fundamentals and ending with computer analysis. This book is suitable for 5th, 6th and 7th semesters of undergraduate course. In this edition, a new chapter on plastic analysis has been added. A large number of examples have been worked out in the book so that students can master the subject by practising the examples and problems.

Structural Analysis Vol II - R. Vaidyanathan 2004

Strategic Management and Business Policy - Thomas L. Wheelen 1998-01

This text provides the Strategic Management and Business Policy student with a presentation of traditional and new strategic management topics. These topics include: corporate governance, hypercompetition, competitive strategy, outsourcing, mass customization, technology, international issues, environmental trends and ethics.

Applied Mechanics Reviews - 1978

Structural Analysis - S. P. Gupta 1981

Composite Structures - Manoj Kumar Buragohain 2017-08-15

The primary objective of this book is to bridge this gap by presenting the concepts in composites in an integrated and balanced manner and expose the reader to the total gamut of activities involved in composite product development. It includes the complete know-how for development of a composite product including its design & analysis, manufacture and characterization, and testing. The book has fourteen

chapters that are divided into two parts with part one describing mechanics, analytical methods in composites and basic finite element procedure, and the second part illustrates materials, manufacturing methods, destructive and non-destructive tests and design.

Handbook of Computer Networks and Cyber Security - Brij B. Gupta 2019-12-31

This handbook introduces the basic principles and fundamentals of cyber security towards establishing an understanding of how to protect computers from hackers and adversaries. The highly informative subject matter of this handbook, includes various concepts, models, and terminologies along with examples and illustrations to demonstrate substantial technical details of the field. It motivates the readers to exercise better protection and defense mechanisms to deal with attackers and mitigate the situation. This handbook also outlines some of the exciting areas of future research where the existing approaches can be implemented. Exponential increase in the use of computers as a means of storing and retrieving security-intensive information, requires placement of adequate security measures to safeguard the entire computing and communication scenario. With the advent of Internet and its underlying technologies, information security aspects are becoming a prime concern towards protecting the networks and the cyber ecosystem from variety of threats, which is illustrated in this handbook. This handbook primarily targets professionals in security, privacy and trust to use and improve the reliability of businesses in a distributed manner, as well as computer scientists and software developers, who are seeking to carry out research and develop software in information and cyber security. Researchers and advanced-level students in computer science will also benefit from this reference.

Petro-physics and Rock Physics of Carbonate Reservoirs - Kumar Hemant Singh 2019-10-16

This book presents selected articles from the workshop on "Challenges in Petrophysical Evaluation and Rock Physics Modeling of Carbonate Reservoirs" held at IIT Bombay in November 2017. The articles included explore the challenges associated with using well-log data, core data analysis, and their integration in the qualitative and quantitative assessment of petrophysical and elastic properties in carbonate reservoirs. The book also discusses the recent trends and advances in the area of research and development of carbonate reservoir characterization, both in industry and academia. Further, it addresses the challenging concept of porosity partitioning, which has huge implications for exploration and development success in these complex reservoirs, enabling readers to understand the varying orders of deposition and diagenesis and also to model the flow and elastic properties.

The Indian Concrete Journal - 1990

Advances in Structural Engineering - Vasant Matsagar 2014-12-12

The book presents research papers presented by academicians, researchers, and practicing structural engineers from India and abroad in the recently held Structural Engineering Convention (SEC) 2014 at Indian Institute of Technology Delhi during 22 - 24 December 2014. The book is divided into three volumes and encompasses multidisciplinary areas within structural engineering, such as earthquake engineering and structural dynamics, structural mechanics, finite element methods, structural vibration control, advanced cementitious and composite materials, bridge engineering, and soil-structure interaction. Advances in Structural Engineering is a useful reference material for structural engineering fraternity including undergraduate and postgraduate students, academicians, researchers and practicing engineers.

Introduction to Matrix Methods of Structural Analysis - Harold

Clifford Martin 1966-01-01

Matrix Methods Of Structural Analysis - Dr. A. S. Meghre And S. K. Deshmukh 2003

This book is intended for a beginner with elementary knowledge of structural mechanics and Fortran Programming. Stiffness and flexibility methods are commonly known as matrix methods. Of these, the stiffness method using member approach is amenable to computer programming and is widely used for structural analysis. The emphasis in the book is on explaining basic fundamentals of this approach and on developing programs. This is achieved through extremely simple style of presentation in lucid language and proceeding in stages from simple to complex structures. Unified theory with a single complex program is totally avoided. Instead, each skeletal structure is discussed in a separate chapter with simple, short and transparent program. Theory is presented in matrix notations along with clear mention of scalar components for proper understanding of the physical quantities. Illustrative solved examples explain data preparation, data file and interpretation of the results. Alternate possibilities of data preparation are mentioned and used. The information about data generation, skyline storage, variable dimensioning and frontal technique is intentionally presented separately at a later stage to help reader in modifying initial simple programs. The treatment of flexibility and direct stiffness method is limited to introduction of elementary concepts. Transfer matrix method, plastic analysis by stiffness method and sub-structure method are included as additional topics of interest. A chapter is devoted to present an alternate view of stiffness method as a variational approach. Non-linear structural behaviour and techniques commonly adopted to evaluate non-linear response are discussed. Formulae for displacements in beams and restraining actions are included in Appendices A and B. Appendix C discusses various methods of solution of simultaneous algebraic equations. Exercises are included at the end of each chapter. The book will be useful to undergraduate and postgraduate civil engineering students and also to those preparing for competitive examinations.

Theory of Structures - RS Khurmi | N Khurmi 2000-11

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.

Structural Analysis - A. Ghali 2017-09-11

This comprehensive textbook combines classical and matrix-based methods of structural analysis and develops them concurrently. It is widely used by civil and structural engineering lecturers and students because of its clear and thorough style and content. The text is used for undergraduate and graduate courses and serves as reference in structural engineering practice. With its six translations, the book is used internationally, independent of codes of practice and regardless of the adopted system of units. Now in its seventh edition: the introductory background material has been reworked and enhanced throughout, and particularly in early chapters, explanatory notes, new examples and problems are inserted for more clarity., along with 160 examples and 430 problems with solutions. dynamic analysis of structures, and applications to vibration and earthquake problems, are presented in new sections and in two new chapters the companion website provides an enlarged set of 16 computer programs to assist in teaching and learning linear and nonlinear structural analysis. The source code, an executable file, input example(s) and a brief manual are provided for each program.

Basic Structural Analysis (SI Units) - C. S. Reddy 1981