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Hydrology and Hydraulic Systems - Ram S. Gupta 2016-09-07
For more than 25 years, the multiple editions of Hydrology & Hydraulic Systems have set the standard for a comprehensive, authoritative treatment of the quantitative elements of water resources development. The latest edition extends this tradition of excellence in a thoroughly revised volume that reflects the current state of practice in the field of hydrology. Widely praised for its direct and concise presentation, practical orientation, and wealth of example problems, Hydrology & Hydraulic Systems presents fundamental theories and concepts balanced with excellent coverage of engineering applications and design. The Fourth Edition features a major revision of the chapter on distribution systems, as well as a new chapter on the application of remote sensing and computer modeling to hydrology. Outstanding features of the Fourth Edition include . . . •

More than 350 illustrations and 200 tables • More than 225 fully solved examples, both in FPS and SI units • Fully worked-out examples of design projects with realistic data • More than 500 end-of-chapter problems for assignment • Discussion of statistical procedures for groundwater monitoring in accordance with the EPA's Unified Guidance • Detailed treatment of hydrologic field investigations and analytical procedures for data assessment, including the USGS acoustic Doppler current profiler (ADCP) approach • Thorough coverage of theory and design of loose-boundary channels, including the latest concept of combining the regime theory and the power function laws

Handbook of Air Conditioning and Refrigeration - Shan K. Wang 2001
* A broad range of disciplines-- energy conservation and air quality issues, construction and design, and the manufacture of temperature-sensitive products and materials--is covered in this comprehensive handbook * Provide essential, up-to-date HVAC data, codes, standards, and guidelines, all conveniently located in one volume * A definitive reference source on the design, selection and operation of A/C and refrigeration systems

Design of Reinforced Concrete - Jack C. McCormac 2005 Publisher Description

Structural Analysis - Aslam Kassimali 2009-03-03 Structural Analysis teaches students the basic principles of structural analysis using the classical approach. The chapters are presented in a logical order, moving from an introduction of the topic to an analysis of statically determinate beams, trusses and rigid frames, to the analysis of statistically indeterminate structures. The text includes solved problems to help illustrate the fundamental concepts. Access to interactive software for analyzing plane framed structures is available for download via the texts online companion site. See the

Features tab for more info on this software. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Data Mining: Concepts and Techniques - Jiawei Han 2011-06-09
Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields Provides a comprehensive, practical look at the concepts and techniques you need to get

the most out of your data

Cotton Breeding and Biotechnology - Zulqurnain Khan 2022-03-15 Cotton Breeding and Biotechnology presents information on one of the most economically important crops of the world, cotton. This book contains chapters on the history of cotton; breeding approaches; technologies for increasing germination, crop growth and yield; and fiber quality issues. It emphasizes sustainable development in the cotton industry analysing the progress of breeding technologies under environmental adversity. The book explores the national and global status of cotton crop, including cotton production, possible impacts of climate change, and the vulnerability of cotton to pest infestations and disease attacks. Features Focuses on cotton breeding and biotechnology Proposes ideas, data, and strategies to mount breeding programs for enhancing cotton production Details strategies for cotton quality improvement against abiotic and biotic stresses Emphasizes the revival of cotton in Pakistan and South Asian region This book is useful to researchers, cotton breeders and growers, farmers, and the agriculture industry.

Structural Analysis - Aslam Kassimali 2018-12-17 Readers learn to master the basic principles of structural analysis using the classical approach found in Kassimali's distinctive STRUCTURAL ANALYSIS, 6th Edition. This edition presents structural analysis concepts in a logical order, progressing from an introduction of each topic to an analysis of statically determinate beams, trusses and rigid frames, and then to the analysis of statically indeterminate structures. Practical, solved problems integrated throughout each presentation help illustrate and clarify the book's fundamental concepts, while the latest examples and timely content reflect today's most current professional standards. Kassimali's STRUCTURAL ANALYSIS, 6th Edition

provides the foundation needed for advanced study and professional success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Design of Prestressed Concrete - Nilson 1987-04-13

Optical Fiber Communications - John M. Senior 2009
This text succeeds in giving a practical introduction to the fundamentals, problems and techniques of the design and utilisation of optical fiber systems. This edition retains all core features, while incorporating recent improvements and developments in the field.

Causes of War - Jack S. Levy 2011-09-15
Written by leading scholars in the field, Causes of War provides the first comprehensive analysis of the leading theories relating to the origins of both interstate and civil wars. Utilizes historical examples to illustrate individual theories throughout Includes an analysis of theories of civil wars as well as interstate wars -- one of the only texts to do both Written by two former International Studies Association Presidents

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.

The Professor Is In - Karen Kelsky 2015-08-04
The definitive career guide for grad students, adjuncts, post-docs and anyone else eager to get tenure or turn their Ph.D. into their ideal job Each year tens of thousands of students will, after years of hard work and enormous amounts of money, earn their Ph.D. And each year only a small percentage of them will land a job that justifies and rewards their investment. For every comfortably tenured professor or well-paid former academic, there are countless underpaid and overworked adjuncts, and many more who simply give up in frustration. Those who do make it share an important asset that separates them from the pack: they have a plan. They understand exactly what they need to do to set themselves up for success. They know what really moves the needle in academic job searches, how to avoid the all-too-common mistakes that sink so many of their peers, and how to decide when to point their Ph.D. toward other, non-academic options. Karen Kelsky has made it her mission to help readers join the select few who get the most out of their Ph.D. As a former tenured professor and department head who oversaw numerous academic job searches, she knows from experience exactly what gets an academic applicant a job. And as the creator of the popular and widely respected advice site

The Professor is In, she has helped countless Ph.D.'s turn themselves into stronger applicants and land their dream careers. Now, for the first time ever, Karen has poured all her best advice into a single handy guide that addresses the most important issues facing any Ph.D., including: -When, where, and what to publish -Writing a foolproof grant application -Cultivating references and crafting the perfect CV -Acing the job talk and campus interview -Avoiding the adjunct trap -Making the leap to nonacademic work, when the time is right The Professor Is In addresses all of these issues, and many more. Supplementary Cementitious Materials in Concrete - 2021-08-19

I Am Malala - Malala Yousafzai 2013-10-08 A MEMOIR BY THE YOUNGEST RECIPIENT OF THE NOBEL PEACE PRIZE As seen on Netflix with David Letterman "I come from a country that was created at midnight. When I almost died it was just after midday." When the Taliban took control of the Swat Valley in Pakistan, one girl spoke out. Malala Yousafzai refused to be silenced and fought for her right to an education. On Tuesday, October 9, 2012, when she was fifteen, she almost paid the ultimate price. She was shot in the head at point-blank range while riding the bus home from school, and few expected her to survive. Instead, Malala's miraculous recovery has taken her on an extraordinary journey from a remote valley in northern Pakistan to the halls of the United Nations in New York. At sixteen, she became a global symbol of peaceful protest and the youngest nominee ever for the Nobel Peace Prize. I AM MALALA is the remarkable tale of a family uprooted by global terrorism, of the fight for girls' education, of a father who, himself a school owner, championed and encouraged his daughter to write and attend school, and of brave parents who have a fierce love

for their daughter in a society that prizes sons. I AM MALALA will make you believe in the power of one person's voice to inspire change in the world.

Pathfinder CDS Combined Defence Services Entrance Examination - Arihant Experts 2021-12-15
Pathfinder CDS Entrance Examination - prescribed under UPSC Guidelines. The Self Study Guide divides the entire syllabus in 4 Major Sections Provides 7 Previous Years' Solved Papers for practice More than 8000 MCQs for quick revision of topics Chapterwise division of Previous Years' Questions. Gives deep insight of the paper pattern, its types and weightage in the exam. Union Public Service Commission UPSC has released the notification of more than 400 seats for the Combined Defence Services Exam (I) 2022. Here comes the updated edition of the Pathfinder series "CDS Entrance Examination" comprehensively complete syllabus of entrance examination as prescribed by UPSC. The book has been divided into chapters that are categorized under 4 major subjects; Mathematics, General English, General Science, General Studies providing a complete coverage. Each chapter of every section has been well explained with proper theories for better understanding. More than 8000 MCQs and Previous Years' Solved Papers are providing a deep insight for examination patterns and types of questions asked in the exam. Chapterwise Division of Previous Years' Solved Papers are provided with well detailed answers to clarify all the doubts. This book is a must have for those who aim to score high for the upcoming CDS Exam. TOC CDS Solved Papers [2021 – 2018], Mathematics, General English, General Science, General Studies.

Smart Grid Analytics for Sustainability and Urbanization - Gontar, Zbigniew H. 2018-06-27
Information and communication technologies

play an essential role in the effectiveness and efficiency of smart city processes. Recognizing the role of process analysis in energy usage and how it can be enhanced is essential to improving city sustainability. Smart Grid Analytics for Sustainability and Urbanization provides emerging research on the development of information technology and communication systems in smart cities and smart grids. While highlighting topics such as process mining, innovation management, and sustainability optimization, this publication explores technology development and the mobilization of different environments in smart cities. This book is an important resource for graduate students, researchers, academics, engineers, and government officials seeking current research on how process analysis in energy usage is manifested and how it can be enhanced.

Engineering Mechanics - James L. Meriam 2013
The 7th edition of this classic text continues to provide the same high quality material seen in previous editions. The text is extensively rewritten with updated prose for content clarity, superb new problems in new application areas, outstanding instruction on drawing free body diagrams, and new electronic supplements to assist readers. Furthermore, this edition offers more Web-based problem solving to practice solving problems, with immediate feedback; computational mechanics booklets offer flexibility in introducing Matlab, MathCAD, and/or Maple into your mechanics classroom; electronic figures from the text to enhance lectures by pulling material from the text into Powerpoint or other lecture formats; 100+ additional electronic transparencies offer problem statements and fully worked solutions for use in lecture or as outside study tools.

The God of Small Things - Arundhati Roy 2011-07-27
The beloved debut novel about an affluent Indian family

forever changed by one fateful day in 1969, from the author of The Ministry of Utmost Happiness NEW YORK TIMES BESTSELLER • MAN BOOKER PRIZE WINNER Compared favorably to the works of Faulkner and Dickens, Arundhati Roy's modern classic is equal parts powerful family saga, forbidden love story, and piercing political drama. The seven-year-old twins Estha and Rahel see their world shaken irrevocably by the arrival of their beautiful young cousin, Sophie. It is an event that will lead to an illicit liaison and tragedies accidental and intentional, exposing "big things [that] lurk unsaid" in a country drifting dangerously toward unrest. Lush, lyrical, and unnerving, The God of Small Things is an award-winning landmark that started for its author an esteemed career of fiction and political commentary that continues unabated.

Building with Steel - Alexander Reichel 2007-01-01 Detail Practice: Building with Steel is a handbook for quick, goal-oriented reading and implementation. Case study projects exemplify common norm details using large-scale drawings. The fundamentals of planning load-bearing structures provide design and planning help. This is supplemented by explanations of common load-bearing structures using examples of residential, office, hall and industrial buildings. Issues of fire safety and building physics particularly relevant to steel construction are treated alongside the use of steel as a material for cladding facades.

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.
The Satanic Verses - Salman Rushdie 2000-12
The explosion of a jetliner over India triggers an Apocalyptic battle that sweeps across the subcontinent. Reprint.
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.
Introduction to Information Retrieval - Christopher D. Manning 2008-07-07
Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.
Matrix Analysis of Structures SI Version - Aslam Kassimali 2012-08-08
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.

Structural Analysis - Alan Williams 2009-03-13 Structural Analysis: In Theory and Practice provides a comprehensive review of the classical methods of structural analysis and also the recent advances in computer applications. The prefect guide for the Professional Engineer's exam, Williams covers principles of structural analysis to advanced concepts. Methods of analysis are presented in a concise and direct manner and the different methods of approach to a problem are illustrated by specific examples. In addition, the book include the clear and concise approach to the subject and the focus on the most direct solution to a problem. Numerous worked examples are provided to consolidate the readers? understanding of the topics. Structural Analysis: In Theory and Practice is perfect for anyone who wishes to have handy reference filled with equations, calculations and modeling instructions as well as candidates studying for professional engineering registration examinations. It will also serve as a refresher course and reference manual for practicing engineers. Registered professional engineers and registered structural Numerous worked examples are provided to consolidate the readers understanding of the topics Comprehensive coverage of the whole field of structural analysis Supplementary problems are given at the end of each chapter with answers

provided at the end of the book Realistic situations encountered in practice and test the reader's ability to apply the concepts presented in the chapter Classical methods of structural analysis and also the recent advances in computer applications
Introduction To Algorithms - Thomas H Cormen 2001
The first edition won the award for Best 1990 Professional and Scholarly Book in Computer Science and Data Processing by the Association of American Publishers. There are books on algorithms that are rigorous but incomplete and others that cover masses of material but lack rigor. Introduction to Algorithms combines rigor and comprehensiveness. The book covers a broad range of algorithms in depth, yet makes their design and analysis accessible to all levels of readers. Each chapter is relatively self-contained and can be used as a unit of study. The algorithms are described in English and in a pseudocode designed to be readable by anyone who has done a little programming. The explanations have been kept elementary without sacrificing depth of coverage or mathematical rigor. The first edition became the standard reference for professionals and a widely used text in universities worldwide. The second edition features new chapters on the role of algorithms, probabilistic analysis and randomized algorithms, and linear programming, as well as extensive revisions to virtually every section of the book. In a subtle but important change, loop invariants are introduced early and used throughout the text to prove algorithm correctness. Without changing the mathematical and analytic focus, the authors have moved much of the mathematical foundations material from Part I to an appendix and have included additional motivational material at the beginning.

The ICU Book - Paul L. Marino 2012-02-13
This best-selling resource provides a general overview

and basic information for all adult intensive care units. The material is presented in a brief and quick-access format which allows for topic and exam review. It provides enough detailed and specific information to address most all questions and problems that arise in the ICU. Emphasis on fundamental principles in the text should prove useful for patient care outside the ICU as well. New chapters in this edition include hyperthermia and hypothermia syndromes; infection control in the ICU; and severe airflow obstruction. Sections have been reorganized and consolidated when appropriate to reinforce concepts.

Promoting Positive Adolescent Health Behaviors and Outcomes - National Academies of Sciences, Engineering, and Medicine 2020-02-21 Adolescence is a critical growth period in which youth develop essential skills that prepare them for adulthood. Prevention and intervention programs are designed to meet the needs of adolescents who require additional support and promote healthy behaviors and outcomes. To ensure the success of these efforts, it is essential that they include reliably identifiable techniques, strategies, or practices that have been proven effective. Promoting Positive Adolescent Health Behaviors and Outcomes: Thriving in the 21st Century identifies key program factors that can improve health outcomes related to adolescent behavior and provides evidence-based recommendations toward effective implementation of federal programming initiatives. This study explores normative adolescent development, the current landscape of adolescent risk behavior, core components of effective programs focused on optimal health, and recommendations for research, programs, and policies.

Introduction to English Phonetics and Phonology - Mohammad Aslam 2007-05-26 In the context of globalisation, advances in information

technology and the wide spread use of the Internet, developing students' ability to speak English with global intelligibility has become the focus of English language teaching. Introduction to English Phonetics and Phonology aims to help learners speak the language accurately with the right pronunciation, word and sentence stress and intonation. The book is designed for use in courses on English language and linguistics at the university level. A large number of well-labelled illustrations and minimal use of jargon make the book equally accessible to independent learners. Key features: . In-depth explanation of key concepts . Place and manner of articulation discussed with accompanying figures . Extensive examples from everyday English . Use of flowcharts and diagrams to explain syllable structure . Separate section on British and American English . Tasks for reinforcement of concepts and practice . Select glossary for ready reference

Structural Analysis - R. C. Hibbeler 2002
This book provides students with a clear and thorough presentation of the theory and application of structural analysis as it applies to trusses, beams, and frames. Emphases are placed on teaching readers to both model and analyze a structure. A hallmark of the book, Procedures for Analysis, has been retained in this edition to provide learners with a logical, orderly method to follow when applying theory. Chapter topics include types of structures and loads, analysis of statically determinate structures, analysis of statically determinate trusses, internal loadings developed in structural members, cables and arches, influence lines for statically determinate structures, approximate analysis of statically indeterminate structures, deflections, analysis of statically indeterminate structures by the force method, displacement method of analysis: slope-deflection equations, displacement

method of analysis: moment distribution, analysis of beams and frames consisting of nonprismatic members, truss analysis using the stiffness method, beam analysis using the stiffness method, and plane frame analysis using the stiffness method. For individuals planning for a career as structural engineers. *Matrix Analysis of Structures, SI Edition* - Aslam (Southern Illinois University Kassimali, Carbondale) 2021-04-16 Develop an understanding of the matrix method of structural analysis with the contemporary, reader-friendly approach found in Kassimali's MATRIX ANALYSIS OF STRUCTURES, SI, 3rd Edition. Whether you are an advanced undergraduate or graduate student, this edition serves as an excellent resource for understanding all key aspects of the matrix method of structural analysis. Unlike traditional books that are difficult to read, this edition provides understandable, clear explanations of concepts with updated photographs and

diagrams as well as flowcharts. Step-by-step procedures guide you through analysis while updated, intriguing examples clarify concepts. New and current exercises include problems working with practical, real-world structures to give you meaningful practice. Trust this technically and mathematically accurate presentation to provide the foundation you need in matrix structural analysis.
Introduction to Computer Security - Matthew A. Bishop 2005
Introduction to Computer Security draws upon Bishop's widely praised Computer Security: Art and Science, without the highly complex and mathematical coverage that most undergraduate students would find difficult or unnecessary. The result: the field's most concise, accessible, and useful introduction. Matt Bishop thoroughly introduces fundamental techniques and principles for modeling and analyzing security. Readers learn how to express security requirements, translate

requirements into policies, implement mechanisms that enforce policy, and ensure that policies are effective. Along the way, the author explains how failures may be exploited by attackers--and how attacks may be discovered, understood, and countered. Supplements available including slides and solutions.

Guide to Foreign and International Legal Citations - 2006
"Formerly known as the International Citation Manual"--p. xv.

Global Education Monitoring Report 2020 - UNESCO 2020-07-07
This publication assesses progress towards Sustainable Development Goal 4 (SDG 4) on education and its ten targets, as well as other related education targets in the SDG agenda. It addresses inclusion in education, drawing attention to all those excluded from education, because of background or ability. The report is motivated by the explicit reference to inclusion in the 2015 Incheon Declaration, and the call to ensure an inclusive and equitable quality education in the formulation of SDG 4, the global goal for education. It reminds us that, no matter what argument may be built to the contrary, we have a moral imperative to ensure every child has a right to an appropriate education of high quality.

Introduction to Communication Systems - Upamanyu Madhow 2014-11-24
An accessible undergraduate textbook introducing key fundamental principles behind modern communication systems, supported by exercises, software problems and lab exercises.

Structural Analysis, SI Edition - Aslam Kassimali 2014-08-01
Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Plasmonics and its Applications - Grégory Barbillon 2019-06-05
Plasmonics is a rapidly developing field that combines

fundamental research and applications ranging from areas such as physics to engineering, chemistry, biology, medicine, food sciences, and the environmental sciences. Plasmonics appeared in the 1950s with the discovery of surface plasmon polaritons. Plasmonics then went through a novel propulsion in the mid-1970s, when surface-enhanced Raman scattering was discovered. Nevertheless, it is in this last decade that a very significant explosion of plasmonics and its applications has occurred. Thus, this book provides a snapshot of the current advances in these various areas of plasmonics and its applications, such as engineering, sensing, surface-enhanced fluorescence, catalysis, and photovoltaic devices.

Introduction to Algorithms, third edition - Thomas H. Cormen 2009-07-31 The latest edition of the essential text and professional reference, with substantial new material on such topics as vEB trees, multithreaded algorithms, dynamic programming, and edge-based flow. Some books on algorithms are rigorous but incomplete; others cover masses of material but lack rigor. Introduction to Algorithms uniquely combines rigor and comprehensiveness. The book covers a broad range of algorithms in depth, yet makes their design and analysis accessible to all levels of readers. Each chapter is relatively self-contained and can be used as a unit of study. The algorithms are described in English and in a pseudocode designed to be readable by anyone who has done a little programming. The explanations have been kept elementary without sacrificing depth of coverage or mathematical rigor. The first edition became a widely used text in universities worldwide as well as the standard reference for professionals. The second edition featured new chapters on the role of algorithms, probabilistic analysis and randomized

algorithms, and linear programming. The third edition has been revised and updated throughout. It includes two completely new chapters, on van Emde Boas trees and multithreaded algorithms, substantial additions to the chapter on recurrence (now called "Divide-and-Conquer"), and an appendix on matrices. It features improved treatment of dynamic programming and greedy algorithms and a new notion of edge-based flow in the material on flow networks. Many exercises and problems have been added for this edition. The international paperback edition is no longer available; the hardcover is available worldwide.

Fundamentals of Structural Analysis - Kenneth Leet 2008 Fundamentals of Structural Analysis third edition introduces engineering and architectural students to the basic techniques for analyzing the most common structural elements, including beams, trusses, frames, cables, and arches. Leet et al cover the classical methods of analysis for determinate and indeterminate structures, and provide an introduction to the matrix formulation on which computer analysis is based. Third edition users will find that the text's layout has improved to better illustrate example problems, superior coverage of loads is give in Chapter 2 and over 25% of the homework problems have been revised or are new to this edition.

Fundamentals of Sexually Transmitted Infections - Zekayi Kutlubay 2017-09-06 This textbook includes the recent progresses and scientific knowledge from the leading experts in different approaches to control, diagnosis, and management depending on resources and facilities available. This book has been written by our colleagues from all over the world. This book is divided into six sections. Each section supplies particularly sexually transmitted infections, diagnostics, microorganism types, pathogenesis, and treatment options. Essential

points in publishing this book are to improve our knowledge about sexually transmitted infections and new treatment modalities. One chapter of the book is devoted to viral infections and their treatment. We think that this textbook will serve as a comprehensive guide to many physicians dealing with sexually transmitted infections in their clinical practice. It will hopefully be a precious source for dermatologists, educators, other physicians, and medical students.