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Duncan and Prasse's Veterinary Laboratory Medicine Random House

A practical, illustrated guide to thermal science A practical, illustrated guide to thermal science Written by a subject-matter expert with many years of academic and industrial experience, Thermal Science provides detailed yet concise coverage of thermodynamics, fluid mechanics, and heat transfer. The laws of thermodynamics are discussed with emphasis on their real-world applications. This comprehensive resource clearly presents the flow-governing equations of fluid mechanics, including those of mass, linear momentum, and energy conservation. Flow behavior through turbomachinery components is also addressed. The three modes of heat transfer--conduction, convection, and radiation--are described along with practical applications of each. Thermal Science covers: Properties of pure substances and ideal gases First and second laws of thermodynamics Energy conversion by cycles Power-absorbing cycles Gas power cycles Flow-governing equations External and internal flow structures Rotating machinery fluid mechanics Variable-geometry turbomachinery stages Prandtl-Meyer flow Internal flow, friction, and pressure drop Fanno flow process for a viscous flow field Rayleigh flow Heat conduction and convection Heat exchangers Transfer by radiation Instructor material available for download from companion website

Fundamentals of Machine Component Design Cengage Learning

For introductory dynamics courses found in mechanical engineering, civil engineering, aeronautical engineering, and engineering mechanics departments. Better enables students to learn challenging material through effective, efficient examples and explanations.

Fox and McDonald's Introduction to Fluid Mechanics Academic Press
Engineering careers. Engineering disciplines. Engineering problem solving. Engineering problem-solving tools. Technical communications.

Engineering Mechanics Macmillan

STEEL DESIGN covers the fundamentals of structural steel design with an emphasis on the design of members and their connections, rather than the integrated design of buildings. The book is designed so that instructors can easily teach LRFD, ASD, or both, time-permitting. The application of fundamental principles is encouraged for design procedures as well as for practical design, but a theoretical approach is also provided to enhance student development. While the book is intended for junior-and senior-level engineering students, some of the later chapters can be used in graduate courses and practicing engineers will find this text to be an essential reference tool for reviewing current practices. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

DYNAMICS OF FLIGHT Pearson Education India

Unsurpassed as a text for upper-division and beginning graduate students, Raman Selden's classic text is the liveliest, most readable and most reliable guide to contemporary literary theory. Includes applications of theory, cross-referenced to Selden's companion volume, *Practicing Theory and Reading Literature*.

Management Control Systems Prentice Hall

Sets the standard for introducing the field of comparative politics This text begins by laying out a proven analytical framework that is accessible for students new to the field. The framework is then consistently implemented in twelve authoritative country cases, not only to introduce students to what politics and governments are like around the world but to also understand the importance of their similarities and differences. Written by leading comparativists and area study specialists, *Comparative Politics Today* helps to sort through the world's complexity and to recognize patterns that lead to genuine political insight.

MyPoliSciLab is an integral part of the Powell/Dalton/Strom program. Explorer is a hands-on way to develop quantitative literacy and to move students beyond punditry and opinion.

Video Series features Pearson authors and top scholars discussing the big ideas in each chapter and applying them to enduring political issues. Simulations are a game-like opportunity to play the role of a political actor and apply course concepts to make realistic political decisions. ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase.

The Inner Game of Tennis John Wiley & Sons

This package includes a three-hole punched, loose-leaf edition of ISBN 9781118393635 and a registration code for the WileyPLUS course associated with the text. Before you purchase, check with your instructor or review your course syllabus to ensure that your instructor requires WileyPLUS. For customer technical support, please visit <http://www.wileyplus.com/support>.

WileyPLUS registration cards are only included with new products. Used and rental products may not include WileyPLUS registration cards. Known for its accuracy, clarity, and dependability, Meriam and Kraige's *Engineering Mechanics: Dynamics* has provided a solid foundation of mechanics principles for more than 60 years. Now in its seventh edition, the text continues to help students develop their problem-solving skills with an extensive variety of engaging problems related to engineering design. More than 50% of the homework problems are new, and there are also a number of new sample problems. To help students build necessary visualization and problem-solving skills, the text strongly emphasizes drawing free-body diagrams--the most important skill needed to solve mechanics problems.

Islam in the Indian Ocean World Pearson College Division

For introductory statics courses found in mechanical engineering, civil engineering, aeronautical engineering, and engineering mechanics departments. This text enables students to learn challenging material through its effective and efficient examples combined with visual explanations. This SI editions has the same content as Bedford ' s *Engineering Mechanics: Statics, 5e*.

A Glossary of Literary Terms John Wiley & Sons

Submarine mass movements represent major offshore geohazards due to their destructive and tsunami-generation potential. This potential poses a threat to human life as well as to coastal, nearshore and offshore engineering structures. Recent examples of catastrophic submarine landslide events that affected human populations (including tsunamis) are numerous; e.g., Nice airport in 1979, Papua-New Guinea in 1998, Stromboli in 2002, Finneidfjord in 1996, and the 2006 and 2009 failures in the submarine cable network around Taiwan. The Great East Japan Earthquake in March 2011 also generated submarine landslides that may have amplified effects of the devastating tsunami. Given that 30% of the World ' s population live within 60 km of the coast, the hazard posed by submarine landslides is expected to grow as global sea level rises. This elevated awareness of the need for better understanding of submarine landslides is coupled with great advances in submarine mapping, sampling and monitoring technologies. Laboratory analogue and numerical modeling capabilities have also developed significantly of late. Multibeam sonar, 3D seismic reflection, and remote and autonomous underwater vehicle technologies provide hitherto unparalleled imagery of the geology beneath the oceans, permitting investigation of submarine landslide deposits in great detail. Increased and new access to drilling, coring, in situ measurements and monitoring devices allows for ground-thruth of geophysical data and provides access to samples for geotechnical laboratory experiments and information on in situ strength and effective stress conditions of underwater slopes susceptible to fail. Great advances in numerical simulation techniques of submarine landslide kinematics and tsunami propagation, particularly since the 2004 Sumatra tsunami, have also lead to increased understanding and predictability of submarine landslide consequences. This volume consists of the latest scientific research by international experts in geological, geophysical, engineering and environmental aspects of submarine mass failure, focused on understanding the full spectrum of challenges presented by submarine mass movements and their consequences.

The Texas Model for Comprehensive School Counseling Programs Macmillan Higher Education

Must-have reference for processes involving liquids, gases, and mixtures Reap the time-saving, mistake-avoiding benefits enjoyed by thousands of chemical and process design engineers, research scientists, and educators. *Properties of Gases and Liquids, Fifth Edition*, is an all-inclusive, critical survey of the most reliable estimating methods in use today --now completely rewritten and reorganized by Bruce Poling, John Prausnitz, and John O ' Connell to reflect every late-breaking development. You get on-the-spot information for estimating both physical and thermodynamic properties in the absence of experimental data with this property data bank of 600+ compound constants. Bridge the gap between theory and practice with this trusted, irreplaceable, and expert-authored expert guide -- the only book that includes a critical analysis of existing methods as well as hands-on practical recommendations. Areas covered include pure component constants; thermodynamic properties of ideal gases, pure components and mixtures; pressure-volume-temperature relationships; vapor pressures and enthalpies of vaporization of pure fluids; fluid phase equilibria in multicomponent systems; viscosity; thermal conductivity; diffusion coefficients; and surface tension.

Introduction to Differential Equations with Dynamical Systems Cambridge University Press

The definitive and essential source of reference for all laboratories involved in the analysis of human semen.

Microbiology Macmillan Higher Education

A Speaker ' s Guidebook is the best resource in the classroom, on the job, and in the community. Praised for connecting with students who use and keep it year after year, this tabbed, comb-bound text covers all the topics typically taught in the introductory course and is the easiest-to-use public speaking text available. In every edition, hundreds of instructors have helped us focus on the fundamental challenges of the public speaking classroom. Improving on this tradition, the fifth edition does even more to address these challenges with stronger coverage of overcoming speech anxiety, organizing and outlining, and more. And as the realities of public speaking change, so does *A Speaker ' s Guidebook*; the new edition also focuses on presentational speaking in a digital world -- from finding credible sources online to delivering presentations in a variety of mediated formats. Read the preface.

Statics and Mechanics of Materials Prentice Hall

For introductory mechanics courses found in mechanical engineering, civil engineering, aeronautical engineering, and engineering mechanics departments. Better enables students to learn challenging material through effective, efficient examples and explanations.

Statics Cengage Learning Emea

This work and its companion, *Statics*, deliver a consistent problem-solving methodology for statics and present a precise and accurate treatment of the fundamentals of dynamics. Features include: real world applications; chapter openers illustrating an application of the ideas in the chapter; and the use of visualization techniques which isolate the figures which should be studied.

A Speaker's Guidebook Wiley

Fundamentals of Machine Component Design presents a thorough introduction to the concepts and methods essential to mechanical engineering design, analysis, and application. In-depth coverage of major topics, including free body diagrams, force flow concepts, failure theories, and fatigue design, are coupled with specific applications to bearings, springs, brakes, clutches, fasteners, and more for a real-world functional body of knowledge. Critical thinking and problem-solving skills are strengthened through a graphical procedural framework, enabling the effective

identification of problems and clear presentation of solutions. Solidly focused on practical applications of fundamental theory, this text helps students develop the ability to conceptualize designs, interpret test results, and facilitate improvement. Clear presentation reinforces central ideas with multiple case studies, in-class exercises, homework problems, computer software data sets, and access to supplemental internet resources, while appendices provide extensive reference material on processing methods, joinability, failure modes, and material properties to aid student comprehension and encourage self-study.

Field and Wave Electromagnetics John Wiley & Sons

Stress, Strain, and Structural Dynamics is a comprehensive and definitive reference to statics and dynamics of solids and structures, including mechanics of materials, structural mechanics, elasticity, rigid-body dynamics, vibrations, structural dynamics, and structural controls. This text integrates the development of fundamental theories, formulas and mathematical models with user-friendly interactive computer programs, written in the powerful and popular MATLAB. This unique merger of technical referencing and interactive computing allows instant solution of a variety of engineering problems, and in-depth exploration of the physics of deformation, stress and motion by analysis, simulation, graphics, and animation. This book is ideal for both professionals and students dealing with aerospace, mechanical, and civil engineering, as well as naval architecture, biomechanics, robotics, and mechatronics. For engineers and specialists, the book is a valuable resource and handy design tool in research and development. For engineering students at both undergraduate and graduate levels, the book serves as a useful study guide and powerful learning aid in many courses. And for instructors, the book offers an easy and efficient approach to curriculum development and teaching innovation. Combines knowledge of solid mechanics--including both statics and dynamics, with relevant mathematical physics and offers a viable solution scheme. Will help the reader better integrate and understand the physical principles of classical mechanics, the applied mathematics of solid mechanics, and computer methods. The Matlab programs will allow professional engineers to develop a wider range of complex engineering analytical problems, using closed-solution methods to test against numerical and other open-ended methods. Allows for solution of higher order problems at earlier engineering level than traditional textbook approaches.

A Reader's Guide to Contemporary Literary Theory Princeton University Press

The Texas Model for Comprehensive School Counseling Programs is a resource to develop effective and high quality comprehensive school counseling programs that align with Texas statutes and rules governing the work of school counselors. It outlines a process for tailoring school counseling programs to meet the varying needs of students across an array of school districts through implementation of the four components of school counseling programs, Guidance Curriculum, Responsive Services, Individual Planning, and System Support. With this resource, a school counselor will learn to use campus-specific data to identify the unique needs of a campus and design a comprehensive school counseling program to meet those needs. Recognizing the important roles of the entire educational community, the Texas Model for Comprehensive School Counseling Programs provides examples of how parents, teachers, administrators, principals and school counselors can best contribute to implementation of each of the four components of comprehensive school counseling programs. It provides a developmental framework for a school counseling program curriculum that includes activities at each grade level to enhance students' educational, career, personal and social development.

Dynamics Addison Wesley Publishing Company

This textbook teaches students the basic mechanical behaviour of materials at rest (statics), while developing their mastery of engineering methods of analysing and solving problems.

Submarine Mass Movements and Their Consequences McGraw Hill Professional

Alphabetically arranged and followed by an index of terms at the end, this handy reference of literary terms is bound to be of invaluable assistance to any student of English literature.

WHO Laboratory Manual for the Examination of Human Semen and Sperm-Cervical

Mucus Interaction Routledge

Engineering Mechanics Prentice Hall