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VECTOR MECHANICS FOR ENGINEERS

DYNAMICS, NEW MEDIA VERSION WITH PROBLEMS SUPPLEMENT

McGraw-Hill Science, Engineering & Mathematics **Since their publication nearly 40 years ago, Beer and Johnston's Vector Mechanics for Engineers books have set the standard for presenting statics and dynamics to beginning engineering students. The New Media Versions of these classic books combine the power of cutting-edge software and multimedia with Beer and Johnston's unsurpassed text coverage. The package is also enhanced by a new problems supplement. For more details about the new media and problems supplement package components, see the "New to this Edition" section below.**

MECHANICS OF FLUIDS

McGraw-Hill Companies **In keeping with previous editions, this book offers a strong conceptual approach to fluids, based on mechanics principles. The author provides rigorous coverage of underlying math and physics principles, and establishes clear links between the basics of fluid flow and subsequent advanced topics like compressible flow and viscous fluid flow.**

LIBROS DE LOS ESTADOS UNIDOS, TRADUCIDOS AL IDIOMA ESPAÑOL

TOMADOS DE CATÁLOGOS VIGENTES HASTA ENERO, 1983

THE SCIENCE AND ENGINEERING OF MATERIALS

[Springer](#) **The Science and Engineering of Materials, Third Edition**, continues the general theme of the earlier editions in providing an understanding of the relationship between structure, processing, and properties of materials. This text is intended for use by students of engineering rather than materials, at first degree level who have completed prerequisites in chemistry, physics, and mathematics. The author assumes these students will have had little or no exposure to engineering sciences such as statics, dynamics, and mechanics. The material presented here admittedly cannot and should not be covered in a one-semester course. By selecting the appropriate topics, however, the instructor can emphasize metals, provide a general overview of materials, concentrate on mechanical behaviour, or focus on physical properties. Additionally, the text provides the student with a useful reference for accompanying courses in manufacturing, design, or materials selection. In an introductory, survey text such as this, complex and comprehensive design problems cannot be realistically introduced because materials design and selection rely on many factors that come later in the student's curriculum. To introduce the student to elements of design, however, more than 100 examples dealing with materials selection and design considerations are included in this edition.

INGENIERÍA MECÁNICA

ESTÁTICA

ENGINEERING MECHANICS: STATICS, SI EDITION

[Cengage Learning](#) **ENGINEERING MECHANICS: STATICS, 4E**, written by authors Andrew Pytel and Jaan Kiusalaas, provides readers with a solid understanding of statics without the overload of extraneous detail. The authors use their extensive teaching experience and first-hand knowledge to deliver a presentation that's ideally suited to the skills of today's learners. This edition clearly introduces critical concepts using features that connect real problems and examples with the fundamentals of engineering mechanics. Readers learn how to effectively analyze problems before substituting numbers into formulas -- a skill that will benefit them tremendously as they encounter real problems that do not always fit into standard formulas. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

DYNAMICS

ENGINEERING MECHANICS

Addison Wesley Publishing Company **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.**

ART OF DRAWING THE HUMAN BODY

Sterling Publishing Company, Inc. **Offers a detailed study of the anatomical structure of the human body, and provides tips on motion, proportion, and shading the figures.**

AIRCRAFT DESIGN

A CONCEPTUAL APPROACH

Amer Inst of Aeronautics & **Winner of the Summerfield Book Award Winner of the Aviation-Space Writers Association Award of Excellence. --Over 30,000 copies sold, consistently the top-selling AIAA textbook title This highly regarded textbook presents the entire process of aircraft conceptual design from requirements definition to initial sizing, configuration layout, analysis, sizing, and trade studies in the same manner seen in industry aircraft design groups. Interesting and easy to read, the book has more than 800 pages of design methods, illustrations, tips, explanations, and equations, and extensive appendices with key data essential to design. It is the required design text at numerous universities around the world, and is a favorite of practicing design engineers.**

MACHINES AND MECHANISMS

APPLIED KINEMATIC ANALYSIS

Provides the techniques necessary to study the motion of machines, and emphasizes the application of kinematic theories to real-world machines consistent with the philosophy of engineering and technology programs. This book intends to bridge the gap between a theoretical study of kinematics and the application to practical mechanism.

ENGINEERING MECHANICS

STATICS

Cengage Learning Emea **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.**

A FIRST COURSE IN DIFFERENTIAL EQUATIONS WITH MODELING APPLICATIONS

Cengage Learning **A FIRST COURSE IN DIFFERENTIAL EQUATIONS WITH MODELING APPLICATIONS**, 10th Edition strikes a balance between the analytical, qualitative, and quantitative approaches to the study of differential equations. This proven and accessible text speaks to beginning engineering and math students through a wealth of pedagogical aids, including an abundance of examples, explanations, Remarks boxes, definitions, and group projects. Written in a straightforward, readable, and helpful style, this book provides a thorough treatment of boundary-value problems and partial differential equations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

MECHANICS OF MATERIALS

Pearson Educación **For undergraduate Mechanics of Materials courses in Mechanical, Civil, and Aerospace Engineering departments. Hibbeler continues to be the most student friendly text on the market. The new edition offers a new four-color, photorealistic art program to help students better visualize difficult concepts. Hibbeler continues to have over 1/3 more examples than its competitors, Procedures for Analysis problem solving sections, and a simple, concise writing style. Each chapter is organized into well-defined units that offer instructors great flexibility in course emphasis. Hibbeler combines a fluid writing style, cohesive organization, outstanding illustrations, and dynamic use of exercises, examples, and free body diagrams to help prepare tomorrow's engineers.**

ENGINEERING MECHANICS

STATICS

Pearson Educación **Offers a concise and thorough presentation of engineering mechanics theory and application. The material is reinforced with numerous examples to illustrate principles and imaginative, well-illustrated problems of varying degrees of difficulty. The book is committed to developing users' problem-solving skills.**

AIRCRAFT PERFORMANCE & DESIGN

McGraw-Hill Science Engineering **Written by one of the most successful aerospace authors, this new book develops aircraft performance techniques from first principles and applies them to real airplanes. It also address a philosophy of, and techniques for aircraft design. By developing and discussing these two subjects in a single text, the author captures a degree of synergism not found in other texts. The book is written in a conversational style, a trademark of all of John Anderson's texts, to**

enhance the readers' understanding.

INVENTOR® Y SU SIMULACIÓN CON EJERCICIOS PRÁCTICOS

Aprenda, de la mano de un experto, a aprovechar toda la potencia de la simulación con Autodesk® Inventor® para agilizar sus procesos de diseño, con trucos, consejos y guías paso a paso. Póngase al día rápidamente con verdaderos proyectos de diseño, analizados paso a paso. Descubra como convertir modelos CAD en auténticos prototipos digitales y mejorar, de este modo, sus diseños y simular las operaciones reales sin crear prototipos físicos. Conozca el entorno de análisis de estructuras -nuevo a partir de Autodesk Inventor Simulation 2011- junto con las demás características de este poderoso software, como el análisis modal, el análisis de tensión, la optimización paramétrica, la creación efectiva de uniones, etc. Manipule y experimente con las soluciones de diseño del libro utilizando los archivos de ejemplo. Luego, le será muy fácil abordar sus propios desafíos de diseño con confianza. Autodesk Inventor Simulation constituye un elemento esencial del flujo de trabajo Autodesk Digital Prototyping para ingenieros, diseñadores y fabricantes. El programa facilita la transición de los métodos de diseño tradicionales, con prototipos físicos, hacia un empleo innovador del modelado 3D para evaluar la forma, la función y la idoneidad del producto. Esto permite la exploración virtual así como la realización de pruebas a objetos, componentes y productos antes de su fabricación, lo que conlleva un notable recorte del coste y del tiempo de desarrollo. Autodesk Inventor Simulation proporciona las herramientas dinámicas necesarias para revolucionar el proceso de diseño. Ahora bien, se trata de herramientas complejas tanto para su aprendizaje como en su utilización profesional. Inventor® y su simulación con ejercicios prácticos cubre las necesidades de los usuarios de Inventor a la hora de aprender rápidamente el manejo del programa o de refrescar sus conocimientos. Asimismo, los capacita para aplicar la simulación dinámica junto con las capacidades de análisis y optimización de Inventor Simulation 2011. Mediante instrucciones claras y ejemplos significativos de diseños reales, este libro adopta un enfoque paso a paso, completamente ilustrado, que convertirá a diseñadores, ingenieros y fabricantes de cualquier nivel, en auténticos expertos en Inv

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)

United Nations The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) addresses classification and labelling of chemicals by types of hazards. It provides the basis for worldwide harmonization of rules and regulations on chemicals and aims at enhancing the protection of human health and the environment during their handling, transport and use by ensuring that the information about their physical, health and environmental hazards is available. The sixth revised edition

includes, inter alia, a new hazard class for desensitized explosives and a new hazard category for pyrophoric gases; miscellaneous amendments intended to further clarify the criteria for some hazard classes (explosives, specific target organ toxicity following single exposure, aspiration hazard, and hazardous to the aquatic environment) and to complement the information to be included in section 9 of the Safety Data Sheet; revised and further rationalized precautionary statements; and an example of labelling of a small packaging in Annex 7.

DESIGN OF MACHINERY

AN INTRODUCTION TO THE SYNTHESIS AND ANALYSIS OF MECHANISMS AND MACHINES

This text provides information on the design of machinery. It presents vector mathematical and matrix solution methods for analysis of both kinetic and dynamic analysis topics, and emphasizes the use of computer-aided engineering as an approach to the design and analysis of engineering problems. The author aims to convey the art of the design process in order to prepare students to successfully tackle genuine engineering problems encountered in practice. The book also emphasizes the synthesis and design aspects of the subject with analytical synthesis of linkages covered and cam design is given a thorough and practical treatment.

MECHANICS OF MATERIALS

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.

INTRODUCTION TO MODELING AND SIMULATION OF TECHNICAL AND PHYSICAL SYSTEMS WITH MODELICA

John Wiley & Sons Master modeling and simulation using Modelica, the new powerful, highly versatile object-based modeling language Modelica, the new object-based software/hardware modeling language that is quickly gaining popularity around the world, offers an almost universal approach to high-level computational modeling and simulation. It handles a broad range of application domains, for example mechanics, electrical systems, control, and thermodynamics, and facilitates general notation as well as powerful abstractions and efficient implementations. Using the versatile Modelica language and its associated technology, this text presents an object-oriented, component-based approach that makes it possible for readers to quickly master the basics of computer-supported equation-based object-oriented (EEO) mathematical modeling and simulation. Throughout the text, Modelica is used to illustrate the various aspects of modeling and simulation. At the same time, a number of key concepts underlying the Modelica language are explained with the use of modeling and simulation examples. This book: Examines basic concepts such as systems, models, and simulations Guides readers through the Modelica language with the aid of several step-by-step examples Introduces the Modelica class concept and its use in graphical and textual modeling Explores modeling methodology for continuous, discrete, and hybrid systems Presents an overview of the Modelica Standard Library and key Modelica model libraries Readers will find plenty of examples of models that simulated distinct application domains as well as examples that combine several domains. All the examples and exercises in the text are available via DrModelica. This electronic self-teaching program, freely available on the text's companion website, guides readers from simple, introductory examples and exercises to more advanced ones. Written by the Director of the Open Source Modelica Consortium, *Introduction to Modeling and Simulation of Technical and Physical Systems with Modelica* is recommended for engineers and students interested in computer-aided design, modeling, simulation, and analysis of technical and natural systems. By building on basic concepts, the text is ideal for students who want to learn modeling,

simulation, and object orientation.

IMPULSE

[Harvard University Press](#) **Impulse** explores what people do despite knowing better, along with snap decisions that occasionally enrich their lives. This eye-opening account looks at two kinds of thinking--one slow and reflective, the other fast but prone to error--and shows how our mental tracks switch from the first to the second, leading to impulsive behavior.

THEORY OF MACHINES AND MECHANISMS

The second edition of Shigley-Uicker maintains the tradition of being very complete, thorough, and somewhat theoretical. The principal changes include an expansion and updating of the dynamics material, expansion of the chapter on gears, an expansion of the material on mechanisms, a new introductory chapter. Intended for the Kinematics and Dynamics course in Mechanical Engineering departments.

BOOKDOWN

AUTHORING BOOKS AND TECHNICAL DOCUMENTS WITH R MARKDOWN

[CRC Press](#) **bookdown: Authoring Books and Technical Documents with R Markdown** presents a much easier way to write books and technical publications than traditional tools such as LaTeX and Word. The bookdown package inherits the simplicity of syntax and flexibility for data analysis from R Markdown, and extends R Markdown for technical writing, so that you can make better use of document elements such as figures, tables, equations, theorems, citations, and references. Similar to LaTeX, you can number and cross-reference these elements with bookdown. Your document can even include live examples so readers can interact with them while reading the book. The book can be rendered to multiple output formats, including LaTeX/PDF, HTML, EPUB, and Word, thus making it easy to put your documents online. The style and theme of these output formats can be customized. We used books and R primarily for examples in this book, but bookdown is not only for books or R. Most features introduced in this book also apply to other types of publications: journal papers, reports, dissertations, course handouts, study notes, and even novels. You do not have to use R, either. Other choices of computing languages include Python, C, C++, SQL, Bash, Stan, JavaScript, and so on, although R is best supported. You can also leave out computing, for example, to write a fiction. This book itself is an example of publishing with bookdown and R Markdown, and its source is fully available on GitHub.

HAMILTON'S PRINCIPLE IN CONTINUUM MECHANICS

[Springer Nature](#) **This revised, updated edition provides a comprehensive and**

rigorous description of the application of Hamilton's principle to continuous media. To introduce terminology and initial concepts, it begins with what is called the first problem of the calculus of variations. For both historical and pedagogical reasons, it first discusses the application of the principle to systems of particles, including conservative and non-conservative systems and systems with constraints. The foundations of mechanics of continua are introduced in the context of inner product spaces. With this basis, the application of Hamilton's principle to the classical theories of fluid and solid mechanics are covered. Then recent developments are described, including materials with microstructure, mixtures, and continua with singular surfaces.

FLUID MECHANICS

MODERN CONTROL ENGINEERING

Text for a first course in control systems, revised (1st ed. was 1970) to include new subjects such as the pole placement approach to the design of control systems, design of observers, and computer simulation of control systems. For senior engineering students. Annotation copyright Book News, Inc.

AUTOMATIC CONTROL SYSTEMS

PHYSICS FOR SCIENTISTS AND ENGINEERS

This best-selling, calculus-based text is recognized for its carefully crafted, logical presentation of the basic concepts and principles of physics. Raymond Serway, Robert Beichner, and contributing author John W. Jewett present a strong problem-solving approach that is further enhanced through increased realism in worked examples. Problem-solving strategies and hints allow students to develop a systematic approach to completing homework problems. The outstanding ancillary package includes full multimedia support, online homework, and a content-rich Web site that provides extensive support for instructors and students. The CAPA (Computer-assisted Personalized Approach), WebAssign, and University of Texas homework delivery systems give instructors flexibility in assigning online homework.

MACROECONOMICS

Pearson "For intermediate courses in economics." A Unified View of the Latest Macroeconomic Events In " Macroeconomics, " Blanchard presents a unified, global view of macroeconomics, enabling readers to see the connections between goods, financial markets, and labor markets worldwide. Organized into two parts, the text contains a core section that focuses on short-, medium-, and long-run markets and three major extensions that offer more in-depth coverage of the issues at hand. From the major economic crisis and monetary policy in the United States, to the

problems of the Euro area and growth in China, the text helps readers make sense not only of current macroeconomic events but also of events that may unfold in the future. Integrated, detailed boxes in the Seventh Edition have been updated to convey the life of macroeconomics today; reinforce lessons from the models; and help readers employ and develop their analytical and evaluative skills. Also Available with MyEconLab (r) MyEconLab is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts. Note: You are purchasing a standalone product; MyEconLab does not come packaged with this content. Students, if interested in purchasing this title with MyEconLab, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyEconLab, search for: 0134472543 / 9780134472546 "Macroeconomics Plus MyEconLab with Pearson eText -- Access Card Package" Package consists of: 0133780589 / 9780133780581 " Macroeconomics" 0133860930 / 9780133860931" MyEconLab with Pearson eText -- Access Card -- for Macroeconomics" "

CHEMICAL ENGINEERING DESIGN

PRINCIPLES, PRACTICE AND ECONOMICS OF PLANT AND PROCESS DESIGN

Elsevier **Chemical Engineering Design, Second Edition**, deals with the application of chemical engineering principles to the design of chemical processes and equipment. Revised throughout, this edition has been specifically developed for the U.S. market. It provides the latest US codes and standards, including API, ASME and ISA design codes and ANSI standards. It contains new discussions of conceptual plant design, flowsheet development, and revamp design; extended coverage of capital cost estimation, process costing, and economics; and new chapters on equipment selection, reactor design, and solids handling processes. A rigorous pedagogy assists learning, with detailed worked examples, end of chapter exercises, plus supporting data, and Excel spreadsheet calculations, plus over 150 Patent References for downloading from the companion website. Extensive instructor resources, including 1170 lecture slides and a fully worked solutions manual are available to adopting instructors. This text is designed for chemical and biochemical engineering students (senior undergraduate year, plus appropriate for capstone design courses where taken, plus graduates) and lecturers/tutors, and professionals in industry (chemical process, biochemical, pharmaceutical, petrochemical sectors). New to this edition: Revised organization into Part I: Process Design, and Part II: Plant Design. The broad themes of Part I are flowsheet development, economic analysis, safety and environmental

impact and optimization. Part II contains chapters on equipment design and selection that can be used as supplements to a lecture course or as essential references for students or practicing engineers working on design projects. New discussion of conceptual plant design, flowsheet development and revamp design Significantly increased coverage of capital cost estimation, process costing and economics New chapters on equipment selection, reactor design and solids handling processes New sections on fermentation, adsorption, membrane separations, ion exchange and chromatography Increased coverage of batch processing, food, pharmaceutical and biological processes All equipment chapters in Part II revised and updated with current information Updated throughout for latest US codes and standards, including API, ASME and ISA design codes and ANSI standards Additional worked examples and homework problems The most complete and up to date coverage of equipment selection 108 realistic commercial design projects from diverse industries A rigorous pedagogy assists learning, with detailed worked examples, end of chapter exercises, plus supporting data and Excel spreadsheet calculations plus over 150 Patent References, for downloading from the companion website Extensive instructor resources: 1170 lecture slides plus fully worked solutions manual available to adopting instructors

UNIT OPERATIONS OF CHEMICAL ENGINEERING

DIFFERENTIAL EQUATIONS AND THEIR APPLICATIONS

AN INTRODUCTION TO APPLIED MATHEMATICS

[Springer Science & Business Media](#) For the past several years the Division of Applied Mathematics at Brown University has been teaching an extremely popular sophomore level differential equations course. The immense success of this course is due primarily to two factors. First, and foremost, the material is presented in a manner which is rigorous enough for our mathematics and applied mathematics majors, but yet intuitive and practical enough for our engineering, biology, economics, physics and geology majors. Secondly, numerous case histories are given of how researchers have used differential equations to solve real life problems. This book is the outgrowth of this course. It is a rigorous treatment of differential equations and their applications, and can be understood by anyone who has had a two semester course in Calculus. It contains all the material usually covered in a one or two semester course in differential equations. In addition, it possesses the following unique features which distinguish it from other textbooks on differential equations.

CORPORATE FINANCE

For MBA/graduate students taking a course in corporate finance. Using the unifying valuation framework based on the Law of One Price, top researchers Jonathan Berk and Peter DeMarzo set the new standard for

corporate finance textbooks. Corporate Finance blends coverage of time-tested principles and the latest advancements with the practical perspective of the financial manager. With this ideal melding of the core with modern topics, innovation with proven pedagogy, Berk and DeMarzo establish the new canon in finance. The second edition reflects the constantly changing world of finance, including information on the recent financial crisis, new behavioral finance research, and updated practitioner interviews.

ENGINEERING MECHANICS

SI VERSION. STATICS

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 PRINCIPLES OF LEARNING & BEHAVIOR

Thomson Brooks/Cole This popular text gives students a comprehensive and readable introduction to contemporary issues in learning and behaviour, while providing balanced coverage of classical and instrumental conditioning.

INFOTECH TEACHER'S BOOK

ENGLISH FOR COMPUTER USERS

Cambridge University Press Infotech, second edition, is a comprehensive course for intermediate level learners who need to be able to understand the English of computing for study and work. Thoroughly revised by the same author it offers up to date material on this fast moving area. The course does not require a specialist knowledge of computers on either the part of the student or the teacher. The 30 units are organized into seven thematically linked sections and cover a range of subject matter, from Input/output devices for the disabled to Multimedia and Internet issues. Key features of the Teacher's Book: - exhaustive support for the teacher, with technical help where needed - a photocopiable extra activities section - answer key and tapescripts

DYNAMICS OF STRUCTURES

THEORY AND APPLICATIONS TO EARTHQUAKE ENGINEERING

This title is designed for senior-level and graduate courses in Dynamics of Structures and Earthquake Engineering. The new edition from Chopra includes many topics encompassing the theory of structural dynamics and the application of this theory regarding earthquake analysis, response, and design of structures. No prior knowledge of structural dynamics is assumed and the manner of presentation is sufficiently detailed and integrated, to make the book suitable for self-study by students and professional engineers.

SIGNALS AND SYSTEMS

"More than half of the 600+ problems in the second edition of Signals & Systems are new, while the remainder are the same as in the first edition. This manual contains solutions to the new problems, as well as updated solutions for the problems from the first edition."--Pref.

MARKS' STANDARD HANDBOOK FOR MECHANICAL ENGINEERS

PRINCIPLES OF CORPORATE FINANCE

Principles of Corporate Finance is the worldwide leading text that describes the theory and practice of corporate finance. Throughout the book, the authors show how managers use financial theory to solve practical problems and as a way to respond to change by showing not just how, but why companies and management act as they do. This text is a valued reference for thousands of practicing financial managers. The Tenth Edition has been rewritten, refreshed, and fully updated to reflect the recent financial crisis and is now accompanied by Connect Finance, an exciting new homework management system.