

Chemistry Chang 11th Edition Torrent

On the cover of this book is a Pacific yew tree, found in the ancient forests of the Pacific Northwest. The bark of the Pacific yew tree produces Taxol, found to be a highly effective drug against ovarian and breast cancer. Taxol blocks mitosis during eukaryotic cell division. The supply of Taxol from the Pacific yew tree is vanishingly small, however. A single 100-year-old tree provides only about one dose of the drug (roughly 300 mg). For this reason, as well as the spectacular molecular architecture of Taxol, synthetic organic chemists fiercely undertook efforts to synthesize it. Five total syntheses of Taxol have thus far been reported. Now, a combination of isolation of a related metabolite from European yew needles, and synthesis of Taxol from that intermediate, supply the clinical demand. This case clearly demonstrates the importance of synthesis and the use of organic chemistry. It's just one of the many examples used in the text that will spark the interest of students and get them involved in the study of organic chemistry!

Designed for the two-semester general chemistry course, Chang's best-selling textbook continues to take a traditional approach and is often considered a student and teacher favorite. The book features a straightforward, clear writing style and proven problem-solving strategies. It continues the tradition of providing a firm foundation in chemical concepts and principles while presenting a broad range of topics in a clear, concise manner. The tradition of "Chemistry" has a new addition with co-author, Kenneth Goldsby from Florida State University, adding variations to the 11th edition. The organization of the chapter order has changed with nuclear chemistry moving up in the chapter order. There is a new problem type - Interpreting, Modeling, and Estimating - fully demonstrating what a real life chemist does on a daily basis. The authors have added over 340 new problems to the book. The new edition of "Chemistry" continues to strike a balance between theory and application by incorporating real examples and helping students visualize the three-dimensional atomic and molecular structures that are the basis of chemical activity. An integral part of the text is to develop students' problem-solving and critical thinking skills. The 11th edition continues to deliver the integration of tools designed to inspire both students and instructors. Effective technology is integrated throughout the book.

The revised 13th edition of the essential reference for the prescribing of drugs for patients with mental health disorders The revised and updated 13th edition of The Maudsley Prescribing Guidelines in Psychiatry provides up-to-date information, expert guidance on prescribing practice in mental health, including drug choice, treatment of adverse effects and how to augment or switch medications. The text covers a wide range of topics including pharmacological interventions for schizophrenia, bipolar disorder, depression and anxiety, and many other less common conditions. There is advice on prescribing in children and adolescents, in substance misuse and in special patient groups. This world-renowned guide has been written in concise terms by an expert team of psychiatrists and specialist pharmacists. The Guidelines help with complex prescribing problems and include information on prescribing psychotropic medications outside their licensed indications as well as potential interactions with other medications and substances such as alcohol, tobacco and caffeine. In addition, each of the book's 165 sections features a full reference list so that evidence on which guidance is based can be readily accessed. This important text: Is the world's leading clinical resource for evidence-based prescribing in day-to-day clinical practice and for formulating prescribing policy Includes referenced information on topics such as transferring from one medication to another, prescribing psychotropic medications during pregnancy or breastfeeding, and treating patients with comorbid physical conditions, including impaired renal or hepatic function. Presents guidance on complex clinical problems that may not be encountered routinely Written for psychiatrists, neuropharmacologists, pharmacists and clinical psychologists as well as nurses and medical trainees, The Maudsley Prescribing Guidelines in Psychiatry are the established reference source for ensuring the safe and effective use of medications for patients presenting with mental health problems.

For undergraduate or graduate courses that include planning, conducting, and evaluating research. A do-it-yourself, understand-it-yourself manual designed to help students understand the fundamental structure of research and the methodical process that leads to valid, reliable results. Written in uncommonly engaging and elegant prose, this text guides the reader, step-by-step, from the selection of a problem, through the process of conducting authentic research, to the preparation of a completed report, with practical suggestions based on a solid theoretical framework and sound pedagogy. Suitable as the core text in any introductory research course or even for self-instruction, this text will show students two things: 1) that quality research demands planning and design; and, 2) how their own research projects can be executed effectively and professionally.

The Maudsley Prescribing Guidelines in Psychiatry

Daughter of the Moon Goddess

Chemistry of Water Treatment

Planning and Design

Chemistry

This second edition demonstrates how chemistry influences the design of water treatment plants and how it should influence the design. Historically, water treatment plants have been designed from hydraulic considerations with little regard to chemical aspects. The many chemical reactions used for removal of pollutants from water simply cannot be forced to occur within current designs. This book re-examines this traditional approach in light of today's water quality and treatment. Will current water treatment processes be sufficient to meet future demands or will new processes have to be devised? Chemistry of Water Treatment assesses the chemical and physical efficacies of current processes to meet the demands of the Safe Drinking water Act, providing expert information to persons responsible for the production of potable water into the next century.

Atkins' Physical Chemistry: Molecular Thermodynamics and Kinetics is designed for use on the second semester of a quantum-first physical chemistry course. Based on the hugely popular Atkins' Physical Chemistry, this volume approaches molecular thermodynamics with the assumption that students will have studied quantum mechanics in their first semester. The exceptional quality of previous editions has been built upon to make this new edition of Atkins' Physical Chemistry even more closely suited to the needs of both lecturers and students. Re-organised into discrete 'topics', the text is more flexible to teach from and more readable for students. Now in its eleventh edition, the text has been enhanced with additional learning features and maths support to demonstrate the absolute centrality of mathematics to physical chemistry. Increasing the digestibility of the text in this new approach, the reader is brought to a question, then the math is used to show how it can be answered and progress made. The expanded and redistributed maths support also includes new 'Chemist's toolkits' which provide students with succinct reminders of mathematical concepts and techniques right where they need them. Checklists of key concepts at the end of each topic add to the extensive learning support provided throughout the book, to reinforce the main take-home messages in each section. The coupling of the broad coverage of the subject with a structure and use of pedagogy that is even more innovative will ensure Atkins' Physical Chemistry remains the textbook of choice for studying physical chemistry.

Since the publication of the Institute of Medicine (IOM) report Clinical Practice Guidelines We Can Trust in 2011, there has been an increasing emphasis on assuring that clinical practice guidelines are trustworthy, developed in a transparent fashion, and based on a systematic review of the available research evidence. To align with the IOM recommendations and to meet the new requirements for inclusion of a guideline in the National Guidelines Clearinghouse of the Agency for Healthcare Research and Quality (AHRQ), American Psychiatric Association (APA) has adopted a new process for practice guideline development. Under this new process APA's practice guidelines also seek to provide better clinical utility and usability. Rather than a broad overview of treatment for a disorder, new practice guidelines focus on a set of discrete clinical questions of relevance to an overarching subject area. A systematic review of evidence is conducted to address these clinical questions and involves a detailed assessment of individual studies. The quality of the overall body of evidence is also rated and is summarized in the practice guideline. With the new process, recommendations are determined by weighing potential benefits and harms of an intervention in a specific clinical context. Clear, concise, and actionable recommendation statements help clinicians to incorporate recommendations into clinical practice, with the goal of improving quality of care. The new practice guideline format is also designed to be more user friendly by dividing information into modules on specific clinical questions. Each module has a consistent organization, which will assist users in finding clinically useful and relevant information quickly and easily. This new edition of the practice guidelines on psychiatric evaluation for adults is the first set of the APA's guidelines developed under the new guideline development process. These guidelines address the following nine topics, in the context of an initial psychiatric evaluation: review of psychiatric symptoms, trauma history, and treatment history; substance use assessment; assessment of suicide risk; assessment for risk of aggressive behaviors; assessment of cultural factors; assessment of medical health; quantitative assessment; involvement of the patient in treatment decision making; and documentation of the psychiatric evaluation. Each guideline recommends or suggests topics to include during an initial psychiatric evaluation. Findings from an expert opinion survey have also been taken into consideration in making recommendations or suggestions. In addition to reviewing the available evidence on psychiatry evaluation, each guideline also provides guidance to clinicians on implementing these recommendations to enhance patient care. Designing Clinical Research sets the standard for providing a practical guide to planning, tabulating, formulating, and implementing clinical research, with an easy-to-read, uncomplicated presentation. This edition incorporates current research methodology—including molecular and genetic clinical research—and offers an updated syllabus for conducting a clinical research workshop. Emphasis is on common sense as the main ingredient of good science. The book explains how to choose well-focused research questions and details the steps through all the elements of study design, data collection, quality assurance, and basic grant-writing. All chapters have been thoroughly revised, updated, and made more user-friendly.

Chemistry 2e

Practical Research

Calculus for Business, Economics, and the Social and Life Sciences

Quantum Computation and Quantum Information

Designing Clinical Research

The most trusted general chemistry text in Canada is back in a thoroughly revised 11th edition. General Chemistry: Principles and Modern Applications, is the most trusted book on the market recognized for its superior problems, lucid writing, and precision of argument and precise and detailed and treatment of the subject. The 11th edition offers enhanced hallmark features, new innovations and revised discussions that that respond to key market needs for detailed and modern treatment of organic chemistry, embracing the power of visual learning and conquering the challenges of effective problem solving and assessment. Note: You are purchasing a standalone product; MasteringChemistry does not come packaged with this content. Students, if interested in purchasing this title with MasteringChemistry, 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 MasteringChemistry, search for: 0134097327 / 9780134097329 General Chemistry: Principles and Modern Applications Plus MasteringChemistry with Pearson eText -- Access Card Package, 11/e Package consists of: 0132931281 / 9780132931281 General Chemistry: Principles and Modern Applications 0133387917 / 9780133387919 Study Card for General Chemistry: Principles and Modern Applications 0133387801 / 9780133387803 MasteringChemistry with Pearson eText -- Valuepack Access Card -- for General Chemistry: Principles and Modern Applications

Now in its second edition, this book focuses on practical algorithms for mining data from even the largest datasets.

Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Chemistry For Dummies, 2nd Edition (9781119293460) was previously published as Chemistry For Dummies, 2nd Edition (9781118007303). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. See how chemistry works in everything from soaps to medicines to petroleum We're all natural born chemists. Every time we cook, clean, take a shower, drive a car, use a solvent (such as nail polish remover), or perform any of the countless everyday activities that involve complex chemical reactions we're doing chemistry! So why do so many of us desperately resist learning chemistry when we're young? Now there's a fun, easy way to learn basic chemistry. Whether you're studying chemistry in school and you're looking for a little help making sense of what's being taught in class, or you're just into learning new things, Chemistry For Dummies gets you rolling with all the basics of matter and energy, atoms and molecules, acids and bases, and much more! Tracks a typical chemistry course, giving you step-by-step lessons you can easily grasp Packed with basic chemistry principles and time-saving tips from chemistry professors Real-world examples provide everyday context for complicated topics Full of modern, relevant examples and updated to mirror current teaching methods and classroom protocols, Chemistry For Dummies puts you on the fast-track to mastering the basics of chemistry.

Volume 3: Molecular Thermodynamics and Kinetics

An Easy-to-Use Guide with Clear Rules, Real-World Examples, and Reproducible Quizzes

Physical Chemistry, 4th Edition

Part A: Structure and Mechanisms

Consumer Behavior

The bestselling workbook and grammar guide, revised and updated! Hailed as one of the best books around for teaching grammar, The Blue Book of Grammar and Punctuation includes easy-to-understand rules, abundant examples, dozens of reproducible quizzes, and pre- and post-tests to help teach grammar to middle and high schoolers, college students, ESL students, homeschoolers, and more. This concise, entertaining workbook makes learning English grammar and usage simple and fun. This updated 12th edition reflects the latest updates to English usage and grammar, and includes answers to all reproducible quizzes to facilitate self-assessment and learning. Clear and concise, with easy-to-follow explanations, offering "just the facts" on English grammar, punctuation, and usage Fully updated to reflect the latest rules, along with even more quizzes and pre- and post-tests to help teach grammar Ideal for students from seventh grade through adulthood in the US and abroad For anyone who wants to understand the major rules and subtle guidelines of English grammar and usage, The Blue Book of Grammar and Punctuation offers comprehensive, straightforward instruction.

"The fourteenth edition continues a long tradition of providing a firm foundation in the concepts of chemical principles while instilling an appreciation of the important role chemistry plays in our daily lives. We believe that it is our responsibility to assist both instructors and students in their pursuit of this goal by presenting a broad range of chemical topics in a logical format. At all times, we strive to balance theory and application and to illustrate principles with applicable examples whenever possible"--

A leading book for 80 years, Silbey's Physical Chemistry features exceptionally clear explanations of the concepts and methods of physical chemistry for students who have had a year of calculus and a year of physics. The basic theory of chemistry is presented from the viewpoint of academic physical chemists, but the many practical applications of physical chemistry are integrated throughout the text. The problems in the text also reflect a skillful blend of theory and practical applications. This text is ideally suited for a standard undergraduate physical chemistry course taken by chemistry, chemical engineering, and biochemistry majors in their junior or senior year.

One of the best-selling medical textbooks of all time, Robbins and Cotran Pathologic Basis of Disease is the one book that nearly all medical students purchase, and is also widely used by physicians worldwide. A "who's who" of pathology experts delivers the most dependable, current, and complete coverage of today's essential pathology knowledge. At the same time, masterful editing and a practical organization make mastering every concept remarkably easy. The result remains the ideal source for an optimal understanding of pathology. Offers the most authoritative and comprehensive, yet readable coverage available in any pathology textbook, making it ideal for USMLE or specialty board preparation as well as for course work. Delivers a state-of-the-art understanding of the pathologic basis of disease through completely updated coverage, including the latest cellular and molecular biology. Demonstrates every concept visually with over 1,600 full-color photomicrographs and conceptual diagrams - many revised for even better quality. Facilitates learning with an outstanding full-color, highly user-friendly design.

The Blue Book of Grammar and Punctuation

Robbins & Cotran Pathologic Basis of Disease E-Book

Pharmaceutical Calculations

Inorganic Chemistry For Dummies

Organic Chemistry

How to Design and Evaluate Research in Education provides a comprehensive introduction to educational research. Step-by-step analysis of real research studies provides students with practical examples of how to prepare their work and read that of others. End-of-chapter problem sheets, comprehensive coverage of data analysis, and information on how to prepare research proposals and reports make it appropriate both for courses that focus on doing research and for those that stress how to read and understand research.

This text combines the market leading writing and presentation skills of Bill Stevenson with integrated, thorough, Excel modeling from Ceyhun Ozgur. Professor Ozgur teaches Management Science, Operations, and Statistics using Excel, at the undergrad and MBA levels at Valparaíso University --and Ozgur developed and tested all examples, problems and cases with his students. The authors have written this text for students who have no significant mathematics training and only the most elementary experience with Excel.

Chang's best-selling general chemistry textbook takes a traditional approach and is often considered a student and teacher favorite. The book features a straightforward, clear writing style and proven problem-solving strategies. It continues the tradition of providing a firm foundation in chemical concepts and principles while presenting a broad range of topics in a clear, concise manner. The tradition of "Chemistry" has a new addition with co-author, Kenneth Goldsby from Florida State University, adding variations to the 12th edition. The organization of the chapter order has changed with nuclear chemistry moving up in the chapter order.

Calculus for Business, Economics, and the Social and Life Sciences introduces calculus in real-world contexts and provides a sound, intuitive understanding of the basic concepts students need as they pursue careers in business, the life sciences, and the social sciences. The new Ninth Edition builds on the straightforward writing style, practical applications from a variety of disciplines, clear step-by-step problem solving techniques, and comprehensive exercise sets that have been hallmarks of Hoffmann/Bradley's success through the years.

Thermodynamics, Structure, and Change

Chang, Chemistry, AP Edition

Management Information Systems

Mining of Massive Datasets

How to Design and Evaluate Research in Education

First-ever comprehensive introduction to the major new subject of quantum computing and quantum information.

Existe un proverbio chino que dice "decídmelo y lo olvidaré / enseñádmelo y lo recordaré / implicádmelo y lo entenderé / aporádmelo y lo actuaré". Podría decirse que este libro, que por su contenido deja de denominarse Introducción y tiene por título de EDAFOLOGÍA: Uso y protección del suelo, toma aquella referencia como guía. En tal sentido, se puede afirmar que se trata de un libro novedoso, ya que plantea otra manera de adquirir el conocimiento, al considerar que la educación debe conducir a "saber" y "saber hacer". Para ello, dentro del reparto temporal de créditos de una asignatura se debe considerar como una parte importante el trabajo personal del estudiante, individualmente o en equipo, en seminarios y prácticas, tanto de laboratorio y aula de informática, como de campo y en la biblioteca. Este es un libro que enseña a observar y describir, observar e interpretar, interpretar y discutir, gestionar y proteger el suelo, trabajar en equipo, estimulando el interés del estudiante para que se implique y participe, como beneficiario que es de la educación que adquiere. Todo ello sin necesidad de conocimientos previos de Edafología. La estructura y contenido están orientados a facilitar y hacer más efectivo el proceso de enseñanza por parte del profesorado, al que se ofrecen múltiples modelos de actividades (piezas de actividad). Por ello puede y debe contribuir a mejorar la enseñanza de la Ciencia del Suelo en lengua española, para lograr la formación de profesionales más preparados y motivados para enfrentar con mejor criterio, racionalidad y efectividad los múltiples y crecientes problemas ambientales y de producción de alimentos en los que el suelo es un factor fundamental. Los estudios y el uso de la información existente de suelos requieren de profesionales de diferentes disciplinas con una adecuada formación básica y aplicada sobre las características y propiedades físicas, físico-químicas, químicas y biológicas de los suelos y de sus interacciones entre sí y con los factores climáticos y de uso y manejo de las tierras, a lo que contribuye este libro. Está estructurado en catorce Unidades en las que se tratan todos los aspectos y conocimientos más actuales sobre la Ciencia del Suelo. Se inicia con un material instructivo que contiene recomendaciones sobre metodologías de estudio y de trabajo en equipo. En cada capítulo, adicionalmente a su contenido científico, se incluyen aspectos que tienen que ver con la observación, comprensión, interpretación, uso y análisis crítico de dicho contenido por parte del estudiante. Por su contenido es un libro muy recomendable para ser utilizado como texto de referencia en cursos básicos de Edafología o Ciencia del Suelo a nivel de grado o de licenciatura en diferentes disciplinas relacionadas con la producción agrícola y forestal, y con ciencias ambientales. Por el nivel de desarrollo de los diferentes temas, también se puede utilizar como material bibliográfico de consulta para estudios de máster, en especialidades donde los suelos sean un recurso natural a ser considerado. Dada la distinta procedencia del estudiantado, se incluye Información Complementaria, para cubrir lagunas o para llegar a contenidos de mayor complejidad. En esta nueva edición, que es continuadora de la Edafología para la agricultura y el medio ambiente, se amplían y actualizan tanto el contenido como la forma de las anteriores ediciones, que han tenido una gran aceptación y uso en todos los países de habla hispana. Ello es así gracias a estar escrito con un lenguaje claro, a estar cuidadosamente ilustrado en color y a la dilatada experiencia docente, investigadora y profesional en el campo de la Edafología de los autores. Del Dr. Jaime Porta, que dirige la obra, cabe destacar que es presidente de la Sociedad Española de la Ciencia del Suelo y que ha sido profesor invitado del Institut Nacional Agronomique de Paris-Grignon (France) y del Curso Internacional de Edafología Nicolás Aguilera de la Universidad Nacional Autónoma de México (UNAM). La Dra. Rosa M. Poch es la directora del Spanish Journal of Soil Science.

Tens of thousands of students have learned to be more discerning at constructing and evaluating arguments with the help of Patrick J. Hurley. Hurley's lucid, friendly, yet thorough presentation has made A CONCISE INTRODUCTION TO LOGIC the most widely used logic text in North America. In addition, the book's accompanying technological resources, such as CengageNOW and Learning Logic, include interactive exercises as well as video and audio clips to reinforce what you read in the book and hear in class. In short, you'll have all the assistance you need to become a more logical thinker and communicator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Contains discussion, illustrations, and exercises aimed at overcoming common misconceptions; emphasizes on models prevails; and covers topics such as: chemical foundations, types of chemical reactions and solution stoichiometry, electrochemistry, and organic and biological molecules.

The Molecular Nature of Matter and Change

Introduction to Management Science with Spreadsheets

Physical Chemical and Biopharmaceutical Principles in the Pharmaceutical Sciences

Atkins' Physical Chemistry 11e

Martin's Physical Pharmacy and Pharmaceutical Sciences

The acclaimed national and international bestseller "Epic, romantic, and enthralling from start to finish."—Stephanie Garber, #1 New York Times bestselling author of the Caraval series "An all-consuming work of literary fantasy that is breathtaking both for its beauty and its suspense."—BookPage, starred review A captivating and romantic debut epic fantasy inspired by the legend of the Chinese moon goddess, Chang'e, in which a young woman's quest to free her mother pits her against the most powerful immortal in the realm. Growing up on the moon, Xingyin is accustomed to solitude, unaware that she is being hidden from the feared Celestial Emperor who exiled her mother for stealing his elixir of immortality. But when Xingyin's magic flares and her existence is discovered, she is forced to flee her home, leaving her mother behind. Alone, powerless, and afraid, she makes her way to the Celestial Kingdom, a land of wonder and secrets. Disguising her identity, she seizes an opportunity to learn alongside the emperor's son, mastering archery and magic, even as passion flames between her and the prince. To save her mother, Xingyin embarks on a perilous quest, confronting legendary creatures and vicious enemies. But when treachery looms and forbidden magic threatens the kingdom, she must challenge the ruthless Celestial Emperor for her dream—striking a dangerous bargain in which she is torn between losing all she loves or plunging the realm into chaos. Daughter of the Moon Goddess begins an enchanting duology which weaves ancient Chinese mythology into a sweeping adventure of immortals and magic, of loss and sacrifice—where love vies with honor, dreams are fraught with betrayal, and hope emerges triumphant.

Chemistry: The Molecular Nature of Matter and Change by Martin Silberberg has become a favorite among faculty and students. Silberberg's 4th edition contains features that make it the most comprehensive and relevant text for any student enrolled in General Chemistry. The text contains unprecedented macroscopic to microscopic molecular illustrations, consistent step-by-step worked exercises in every chapter, an extensive range of end-of-chapter problems which provide engaging applications covering a wide variety of freshman interests, including engineering, medicine, materials, and environmental studies. All of these qualities make Chemistry: The Molecular Nature of Matter and Change the centerpiece for any General Chemistry course.

Edition after edition, Atkins and de Paula's #1 bestseller remains the most contemporary, most effective full-length textbook for courses covering thermodynamics in the first semester and quantum mechanics in the second semester. Its molecular view of physical chemistry, contemporary applications, student friendly pedagogy, and strong problem-solving emphasis make it particularly well-suited for pre-meds, engineers, physics, and chemistry students. Now organized into briefer, more manageable topics, and featuring additional applications and mathematical guidance, the new edition helps students learn more effectively, while allowing instructors to teach the way they want. Available in Split Volumes For maximum flexibility in your physical chemistry course, this text is now offered as a traditional text or in two volumes: Volume 1: Thermodynamics and Kinetics: 1-4641-2451-5 Volume 2: Quantum Chemistry: 1-4641-2452-3

"Chemistry is so crucial to an understanding of medicine and biology, environmental science, and many areas of engineering and industrial processing that it has become a requirement for an increasing number of academic majors. Furthermore, chemical principles lie at the core of some of the key societal issues we face in the 21st century—dealing with climate change, finding new energy options, and supplying nutrition and curing disease on an ever more populated planet. The ninth edition of Chemistry: The Molecular Nature of Matter and Change maintains its standard-setting position among general chemistry textbooks by evolving further to meet the needs of professor and student. The text still contains the most accurate molecular illustrations, consistent step-by-step worked problems, and an extensive collection of end-of-chapter problems. And changes throughout this edition make the text more readable and succinct, the artwork more teachable and modern, and the design more focused and inviting. The three hallmarks that have made this text a market leader are now demonstrated in its pages more clearly than ever"--

A Concise Introduction to Logic

Organic Chemistry, Loose-Leaf Print Companion

The Central Science

Reactions, Mechanisms, and Structure

Physical Chemistry

Martin's Physical Pharmacy and Pharmaceutical Sciences is considered the most comprehensive text available on the application of the physical, chemical and biological principles in the pharmaceutical sciences. It helps students, teachers, researchers, and industrial pharmaceutical scientists use elements of biology, physics, and chemistry in their work and study. Since the first edition was published in 1960, the text has been and continues to be a required text for the core courses of Pharmaceutics, Drug Delivery, and Physical Pharmacy. The Sixth Edition features expanded content on drug delivery, solid oral dosage forms, pharmaceutical polymers and pharmaceutical biotechnology, and updated sections to cover advances in nanotechnology.

NOTE: This edition features the same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value; this format costs significantly less than a new textbook. Before purchasing, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of MyLab(tm)and Mastering(tm) platforms exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a Course ID, provided by your instructor, to register for and use MyLab and Mastering products. For courses in two-semester general chemistry. Accurate, data-driven authorship with expanded interactivity leads to greater student engagement Unrivaled problem sets, notable scientific accuracy and currency, and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and leads to greater student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning teachers. In this new edition, the author team draws on the wealth of student data in Mastering(tm)Chemistry to identify where students struggle and strives to perfect the clarity and effectiveness of the text, the art, and the exercises while addressing student misconceptions and encouraging thinking about the practical, real-world use of chemistry. New levels of student interactivity and engagement are made possible through the enhanced eText 2.0 and Mastering Chemistry, providing seamlessly integrated videos and personalized learning throughout the course . Also available with Mastering Chemistry Mastering(tm) Chemistry is the leading online homework, tutorial, and engagement system, designed to improve results by engaging students with vetted content. The enhanced eText 2.0 and Mastering Chemistry work with the book to provide seamless and tightly integrated videos and other rich media and assessment throughout the course. Instructors can assign interactive media before class to engage students and ensure they arrive ready to learn. Students further master concepts through book-specific Mastering Chemistry assignments, which provide hints and answer-specific feedback that build problem-solving skills. With Learning Catalytics(tm) instructors can expand on key concepts and encourage student engagement during lecture through questions answered individually or in pairs and groups. Mastering Chemistry now provides students with the new General Chemistry Primer for remediation of chemistry and math skills needed in the general chemistry course. If you would like to purchase both the loose-leaf version of the text and MyLab and Mastering, search for: 0134557328 / 9780134557328 Chemistry: The Central Science, Books a la Carte Plus MasteringChemistry with Pearson eText -- Access Card Package Package consists of: 0134294165 / 9780134294162 MasteringChemistry with Pearson eText -- ValuePack Access Card -- for Chemistry: The Central Science 0134555635 / 9780134555638 Chemistry: The Central Science, Books a la Carte Edition

Organic Chemistry, 3rd Edition offers success in organic chemistry requires mastery in two core aspects: fundamental concepts and the skills needed to apply those concepts and solve problems. Students must learn to become proficient at approaching new situations methodically, based on a repertoire of skills. These skills are vital for successful problem solving in organic chemistry. Existing textbooks provide extensive coverage of the principles but there is far less emphasis on the skills needed to actually solve problems.

The two-part, fifth edition of Advanced Organic Chemistry has been substantially revised and reorganized for greater clarity. The material has been updated to reflect advances in the field since the previous edition, especially in computational chemistry. Part A covers fundamental structural topics and basic mechanistic types. It can stand-alone; together, with Part B: Reaction and Synthesis, the two volumes provide a comprehensive foundation for the study in organic chemistry. Companion websites provide digital models for study of structure, reaction and selectivity for students and exercise solutions for instructors.

Chemistry For Dummies

General Chemistry

The American Psychiatric Association Practice Guidelines for the Psychiatric Evaluation of Adults, Third Edition

Edafología: uso y protección de suelos

Advanced Organic Chemistry

The easy way to get a grip on inorganic chemistry Inorganic chemistry can be an intimidating subject, but it doesn't have to be! Whether you're currently enrolled in an inorganic chemistry class or you have a background in chemistry and want to expand your knowledge, Inorganic Chemistry For Dummies is the approachable, hands-on guide you can trust for fast, easy learning. Inorganic Chemistry For Dummies features a thorough introduction to the study of the synthesis and behavior of inorganic and organometallic compounds. In plain English, it explains the principles of inorganic chemistry and includes worked-out problems to enhance your understanding of the key theories and concepts of the field. Presents information in an effective and straightforward manner Covers topics you'll encounter in a typical inorganic chemistry course Provides plain-English explanations of complicated concepts If you're pursuing a career as a nurse, doctor, or engineer or a lifelong learner looking to make sense of this fascinating subject, Inorganic Chemistry For Dummies is the quick and painless way to master inorganic chemistry.

Principles and Modern Applications

Chemical Principles

A Novel

March's Advanced Organic Chemistry

Managing the Digital Firm