Quimica Daub Seese

JAZMIN ODOM

Quimica Grupo Editorial Patria
Contents: The Properties of Transition Elements, Titanium, Zirconium and Hafnium Group IV A, Vanadium, Niobium and Tantalum Group V A, Chromium, Molybdenum and Tungsten Group VI A, Manganese, Technetium and Rhenium Group VII A, Iron, Cobalt and Nickel, The Platinum Metals, Copper, Silver and Gold Group IB, Analytical and Biological Aspects of Transition Metals, Coordination Compounds, Lanthanides & Actinides.
Principles Of Descriptive Inorganic Chemistry IGER
Al inicio de cada unidad se presenta una breve introducción histórica con los fundamentos teóricos que requiere el estudiante para desarrollar el tema, mismos que aplicará al resolver los diversos problemas que se establecen. Contiene referencias que amplían y profundizan el tema que se cubre. En seguida se incluyen problemas resueltos que se comprenden mejor con las explicaciones de las estrategias de resolución. Después, planteamos problemas complementarios con sus respuestas al final del texto, a los que se incorporan la sección Alerta que se intercala a lo largo del problema, cuando lo consideramos necesario, para evitar errores comunes. Los problemas están ordenados en una secuencia ascendente en cuanto a su grado de complejidad. Al final del texto incorporamos referencias bibliográficas, hemerográficas y electrónicas; cuya consulta favorecerá a profundizar en los conocimientos que el estudiante considere necesarios.
Facultad de Ciencias Médicas, 1895-1995 Macmillan Higher Education
Agricultural Applications in Green Chemistry illustrates the synergism between green chemistry and agriculture, and it shows how green chemistry provides a path in the movement toward sustainable agriculture.
Chemistry, a First Course Discovery Publishing House
This bestselling text gives students a less rigorous, less mathematical way of learning inorganic chemistry, using the periodic table as a context for exploring chemical properties and uncovering relationships between elements in different groups. The authors help students understand the relevance of the subject to their lives by covering both the historical development and fascinating contemporary applications of inorganic chemistry (especially in regard to industrial processes and environmental issues). The new edition offers new study tools, expanded coverage of biological applications, and new help with problem-solving.
Chemistry & Chemical Reactivity 3Ciencias
Es una obra producida por el Departamento de Redacción y Diseño, para el Instituto Guatemalteco de Educación Radiofónica, IGER.
Chemistry Of Transition Elements Amer Chemical Society
Designed for the two-semester general chemistry course, Chang's textbook has often been considered a student favorite. This best-selling textbook

takes a traditional approach. It features a straightforward, clear writing style and proven problem-solving strategies.. . The strength of the seventh edition is the integration of many tools that are designed to inspire both students and instructors. The textbook is the foundation for the technology. The multi-media package for the new edition stretches students beyond the confines of the traditional textbook.

Modern Electrical Theory Thomson

Zeolites occur in nature and have been known for almost 250 years as alumino silicate minerals. Examples are clinoptilolite, mordenite, offretite, ferrierite, erionite and chabazite. Today, most of these and many other zeolites are of great interest in heterogeneous catalysis, yet their naturally occurring forms are of limited value as catalysts because nature has not optimized their properties for catalytic applications and the naturally occurring zeolites almost always contain undesired impurity phases. It was only with the advent of synthetic zeolites in the period from about 1948 to 1959 (thanks to the pioneering work of R. M. Barrer and R. M. Milton) that this class of porous materials began to playa role in catalysis. A landmark event was the introduction of synthetic faujasites (zeolite X at first, zeolite Y slightly later) as catalysts in fluid catalytic cracking (FCC) of heavy petroleum distillates in 1962, one of the most important chemical processes with a worldwide capacity of the order of 500 million t/a. Compared to the previously used amorphous silica-alumina catalysts, the zeolites were not only orders of magnitude more active, which enabled drastic process engineering improvements to be made, but they also brought about a significant increase in the yield of the target product, viz. motor gasoline. With the huge FCC capacity worldwide, the added value of this yield enhancement is of the order of 10 billion US $ per year.

Química II Segundo Semestre Tacaná IGER

This clinically relevant anatomy flash card set is based on the concepts and full-color images in Moore's Clinically Oriented Anatomy. The card set is a convenient, portable study tool for gross anatomy courses, exam preparation, clinical anatomy review during clerkships, and dental and allied health students.

Moore's Clinical Anatomy Flash Cards McGraw-Hill College

This book argues that the traditional image of Feyerabend is erroneous and that, contrary to common belief, he was a great admirer of science. It shows how Feyerabend presented a vision of science that represented how science really works. Besides giving a theoretical framework based on Feyerabend´s philosophy of science, the book offers criteria that can help readers to evaluate and understand research reported in important international science education journals, with respect to Feyerabend's epistemological anarchism. The book includes an evaluation of general chemistry and physics textbooks. Most science curricula and textbooks provide the following advice to students: Do not allow theories in contradiction with observations, and all scientific theories must be formulated inductively based on experimental facts. Feyerabend questioned this widely prevalent premise of science education in most parts of the world, and in contrast gave the following advice: Scientists can accept a hypothesis despite experimental evidence to the contrary and scientific theories are not always consistent with all the experimental data. No wonder Feyerabend became a controversial philosopher and was considered to be against rationalism and anti-science. Recent research in philosophy of science, however, has shown that most of Feyerabend´s philosophical ideas are in agreement with recent trends in the 21st century. Of the 120 articles from science education journals, evaluated in this book only 9% recognized that Feyerabend was presenting a plurality of perspectives based on how science really works. Furthermore, it has been shown that Feyerabend could even be considered as a perspectival realist. Among other aspects, Feyerabend emphasized that in order to look for breakthroughs in science one does not have to be complacent about the truth of the theories but rather has to look for opportunities to "break rules" or "violate categories." Mansoor Niaz carefully analyses references to Feyerabend in the literature and displays the importance of Feyerabend's philosophy in analyzing, historical episodes. Niaz shows through this remarkable book a deep understanding to the essence of science. - Calvin Kalman, Concordia University, Canada In this book Mansoor Niaz explores the antecedents, context and features of Feyerabend's work and offers a more-nuanced understanding, then reviews and considers its reception in the science education and philosophy of science literature. This is a valuable contribution to scholarship about Feyerabend, with the potential to inform further research as well as science education practice.- David Geelan, Griffith University, Australia

Analytical Chemistry Pearson College Division

CONTENIDO: Introducción a la química - Sistema de medidas - Materia y energía - La estructura del átomo - Clasificación periódica de los elementos - Estructura de los compuestos - Nomenclatura química de los compuestos inorgánicos - Cálculos que comprenden elementos y compuestos - Ecuaciones químicas - Cálculo en las ecuaciones químicas. Estequiometría - Gases - Líquidos y sólidos - Agua - Disoluciones y coloides - Ácidos, bases y ecuaciones iónicas - Ecuaciones de oxidación-reducción y electroquímica - Velocidades de reacción y equilibrio químico - Química orgánica - Química nuclear.

Chemistry Education and Contributions from History and Philosophy of Science McGraw-Hill College

La química es el origen de la vida. Según la teoría más aceptada sobre el origen de la vida en la tierra, ésta surgió a partir de reacciones químicas hace miles de millones de años que dieron lugar a los primeros compuestos orgánicos a partir de compuestos inorgánicos, actualmente el gran problema que tenemos es conservar precisamente esa vida en el planeta, con este texto pretendemos contribuir a la comprensión de los efectos que algunos elementos químicos producen a la naturaleza y por ende el medio ambiente, para ir creando una cultura ambientalista en nuestros lectores.

Feyerabend's Epistemological Anarchism Springer Nature

Reproduction of the original: The Sceptical Chymist by Robert Boyle

Tyrocinium Chymicum Lippincott Williams & Wilkins

Written in a style and language that users without science backgrounds can understand. This best-selling introduction to the basic principles of chemistry draws on the reader's own experiences through analogies and cartoons to learn difficult concepts. The clear, systematic, thinking approach to problem solving has also been highly praised by reviewers and users alike. Countdown sections in each chapter, consisting of five review questions keyed to previous material provide readers with a basis for material introduced in the new chapter. Study exercises, found immediately after new topics are introduced, reinforce chapter problem material. "You and Chemistry" marginal application icon relates chemistry to the real world. End-of-chapter essays entitled "Elements and Compounds" relate the applications of specific elements or compounds to the readers' life.

Agricultural Applications in Green Chemistry IGER

Research in science education has recognized the importance of history and philosophy of science (HPS). Nature of science (NOS) is considered to be an essential part of HPS with important implications for teaching science. The role played by textbooks in developing students' informed conceptions of NOS has been a source of considerable interest for science educators. In some parts of the world, textbooks become the curriculum and determine to a great extent what is taught and learned in the classroom. Given this background and interest, this monograph has evaluated NOS in university level general chemistry textbooks published in U.S.A. Most textbooks in this study provided little insight with respect to the nine criteria used for evaluating NOS. Some of the textbooks, however, inevitably refer to HPS and thus provide guidelines for future textbooks. A few of the textbooks go into considerable detail to present the atomic models of Dalton, Thomson, Rutherford, Bohr and wave mechanical to illustrate the tentative nature of scientific theories --- an important NOS aspect. These results lead to the question: Are we teaching science as practiced by scientists? An answer to this question can help us to understand the importance of NOS, by providing students an HPS-based environment, so that they too (just like the scientists) feel the thrill and excitement of discovering new things. This monograph provides students and teachers guidelines for introducing various aspects of NOS, based on historical episodes.

General Chemistry Springer Science & Business Media

Pt. I. The electronic theory: The properties of electricity. Dielectrics. Conductors : electrolytic and metallic. Gaseous conduction. Magnetic susceptibility -- Magneto-optics -- pt. II. Radiation: Radiation. Rays from radioactive substances. Light. Complete radiation and the structure of light. X-rays and [gamma]-rays -- pt. III. Electricity and matter: The properties of matter. The structure of the atom. The properties of moving systems -- Appendix I. The aether -- Appendix II. Aberration -- Name index -- Subject index.

Basic Chemistry UNAM

Janice VanCleave's A+ Projects in Chemistry Are you having a hard time coming up with a good idea for the science fair? Do you want to earn extra credit in your chemistry class? Or do you just want to know how the world really works? Janice VanCleave's A+ Projects in Chemistry can help you, and the best part is it won't involve any complicated or expensive equipment. This step-by-step guide explores 30 different topics and offers dozens of experiment ideas. The book also includes charts, diagrams, and illustrations. Here are just a few of the topics you'll be investigating: *Acid/base reactions * Polymers * Crystals * Electrolytes * Denaturing proteins You'll be amazed at how easy it is to turn your ideas into winning science fair projects. Also available: Janice VanCleave's A+ Projects in Biology

Janice VanCleave's A+ Projects in Chemistry BoD – Books on Demand

This unique text is ingeniously organized by class of compound and by property or reaction type, not group by group or element by element (which requires students to memorize isolated facts).

Chemical Process Principles Charts John Wiley & Sons

Chemical physics is presently a very active field, where theoretical computation and accurate experimentation have led to a host of exciting new results. Among these are the possibility of state-to-state reactive scattering, the insights in non-adiabatic chemistry, and, from the computational perspective, the use of explicitly correlated functions in quantum chemistry. Many of these present-day developments use ideas, derivations and results that were obtained in the very early days of quantum theory, in the 1920s and 1930s. Much of this material is hard to study for readers not familiar with German. This volume presents English translations of some of the most important papers. The choice of material is made with the relevance to present-day researchers in mind. Included are seminal papers by M. Born and J.R. Oppenheimer, J. von Neurmann and E. Wigner, E.A. Hylleraas, F. London, F. Hund, H.A. Kramers, R. de L. Kronig and F. Huckel, among others.

Química Springer Science & Business Media

The 7th Edition of Gary Christian's Analytical Chemistry focuses on more in-depth coverage and information about Quantitative Analysis (aka Analytical Chemistry) and related fields. The content builds upon previous editions with more enhanced content that deals with principles and techniques of quantitative analysis with more examples of analytical techniques drawn from areas such as clinical chemistry, life sciences, air and water pollution, and industrial analyses.

Biblioteca básica: Ciencias puras, exactas y naturales Saunders College Pub

This proven, introductory chemistry text has been thoroughly enhanced to prepare your students for a general chemistry or general, organic, and biological chemistry course. With a logical organization and balanced treatment of concepts and practical applications, Chemistry: A First Course fosters a solid understanding of chemistry basics, rather than just memorization of facts. Throughout the text, concepts are reinforced by referring to material previously discussed. This respected author team's lively, conversational, and highly descriptive writing style will quickly engage your students and draw them into the world of chemistry.