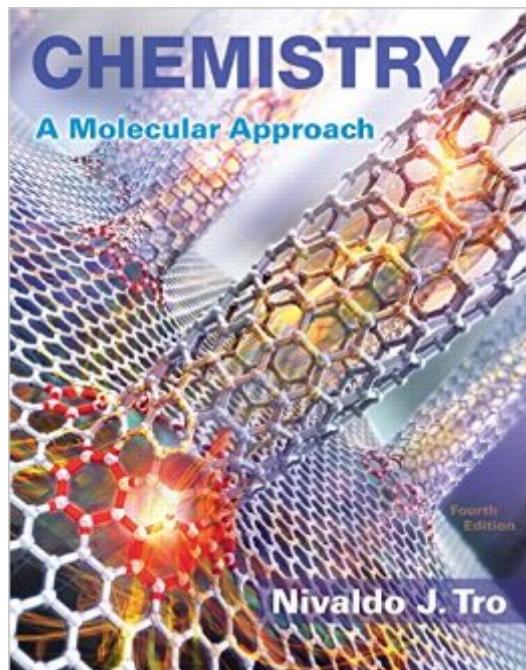


The book was found

Chemistry: A Molecular Approach (4th Edition)



Synopsis

For courses in Chemistry. Building 21st Century Data Analysis and Problem-Solving Skills in Modern Chemistry The Fourth Edition of Niva Tro's Chemistry: A Molecular Approach reinforces development of 21st century skills including data interpretation and analysis, problem solving and quantitative reasoning, applying conceptual understanding to new situations and peer-to-peer collaboration. Nivaldo Tro presents chemistry visually through multi-level images—macroscopic, molecular, and symbolic representations—“helping readers see the connections between the world they see around them (macroscopic), the atoms and molecules that compose the world (molecular), and the formulas they write down on paper (symbolic). The benefits of Dr. Tro's problem-solving approach are reinforced through digital, Interactive Worked Examples that provide an office-hour type of environment and expanded coverage on the latest developments in chemistry. New Key Concept Videos explain difficult concepts while new end-of-chapter problems including Group Work questions and Data Interpretation and Analysis questions engage readers in applying their understanding of chemistry. The revision has been constructed to easily incorporate material to engage readers. Also available with MasteringChemistry MasteringChemistry from Pearson is the leading online homework, tutorial, and assessment system, designed to improve results by engaging you before, during, and after class with powerful content. Instructors ensure you arrive ready to learn by assigning educationally effective content before class, and encourage critical thinking and retention with in-class resources such as Learning Catalytics. You can further master concepts after class through traditional and adaptive homework assignments that provide hints and answer-specific feedback. The Mastering gradebook records scores for all automatically graded assignments in one place, while diagnostic tools give instructors access to rich data to assess your understanding and misconceptions. Mastering brings learning full circle by continuously adapting to your learning and making learning more personal than ever—“before, during, and after class. 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: 0134103971 / 9780134103976 Chemistry: A Molecular Approach Plus MasteringChemistry with eText -- Access Card Package. Package consists of: 0134112830 / 9780134112831 Chemistry: A Molecular Approach 0134126424 / 9780134126425 MasteringChemistry with Pearson eText -- ValuePack Access Card -- for Chemistry: A Molecular

Approach Â

Book Information

Hardcover: 1312 pages

Publisher: Pearson; 4 edition (January 17, 2016)

Language: English

ISBN-10: 0134112830

ISBN-13: 978-0134112831

Product Dimensions: 8.7 x 1.7 x 11 inches

Shipping Weight: 6.4 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 starsÂ See all reviewsÂ (434 customer reviews)

Best Sellers Rank: #10,177 in Books (See Top 100 in Books) #1 inÂ Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #1 inÂ Books > Science & Math > Chemistry > Molecular Chemistry #33 inÂ Books > Textbooks > Science & Mathematics > Chemistry

Customer Reviews

This is a new textbook for general chemistry. Yes, there are quite a number of general chemistry texts and they all cover roughly the same general material. They differ more in how they organize the material, illustrate it, and their method of helping the student develop a solid understanding and command of this basic material. The student not only needs to learn the basic facts of chemistry, she needs to learn how to think about it so when she looks at the world, she can see and understand the issues as they relate to this vital science. Dr. Tro begins this book by explaining how the text was developed and provides instructions for the student on how to make the most of the book. I liked this a great deal. He starts the book by providing what he thinks is the most important scientific idea in all of human knowledge: "the properties of matter are determined by the properties of molecules and atoms". From there he builds all the principles taught in general chemistry. He also defines chemistry as: "the science that seeks to understand the behavior of matter by studying the behavior of atoms and molecules". Each chapter is organized in a similar fashion and a great deal of emphasis is placed on making the illustrations demonstrate a principle - a process - rather than an isolated picture. Dr. Tro also has interesting articles of chemistry in various fields in different chapters and he often introduces ideas with practical issues that will likely matter to the student. For review, at the end of each chapter he goes over the key concepts taught, the key equations and relationships discussed, and the key skills that the student is expected to have learned. He provides exercises to

test one's mastery of the material that the student can answer for himself.

[Download to continue reading...](#)

Chemistry: A Molecular Approach Plus MasteringChemistry with eText -- Access Card Package (4th Edition) (New Chemistry Titles from Niva Tro) Chemistry: A Molecular Approach (4th Edition) Chemistry: A Molecular Approach, Books a la Carte Plus MasteringChemistry with eText -- Access Card Package (4th Edition) Laboratory Manual for Chemistry: A Molecular Approach (4th Edition) Principles of Chemistry: A Molecular Approach Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (New Chemistry Titles from Niva Tro) Chemistry: A Molecular Approach Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (New Chemistry Titles from Niva Tro) Molecular Visions (Organic, Inorganic, Organometallic) Molecular Model Kit #1 by Darling Models to accompany Organic Chemistry Ace Organic Chemistry I: The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Ace General Chemistry I: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) Principles of Chemistry: A Molecular Approach, Books a la Carte Edition (3rd Edition) Chemistry: A Molecular Approach, Books a la Carte Edition (2nd Edition) Principles of Chemistry: A Molecular Approach (3rd Edition) Chemistry: A Molecular Approach (2nd US Edition) Principles of Chemistry: A Molecular Approach, 2nd Edition Chemistry: A Molecular Approach with MasteringChemistry® Access Code (2nd Edition) (MasteringChemistry Series) Books a la Carte for Principles of Chemistry: A Molecular Approach (2nd Edition) Principles of Chemistry: A Molecular Approach, Books a la Carte Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) Chemistry: A Molecular Approach (Custom Edition for University of Southern California) Principles of Chemistry: A Molecular Approach Plus MasteringChemistry with eText -- Access Card Package (2nd Edition)

[Dmca](#)