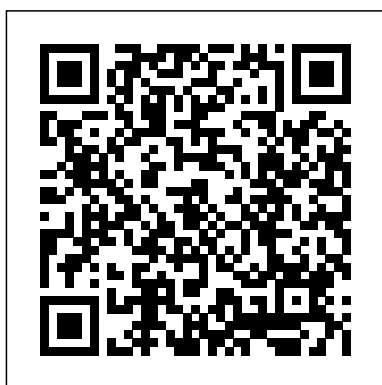

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Chemistry

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demonstrate the versatile usability of molecular cages.

Chemistry: An Atoms First Approach

Pearson Education
This fully updated Ninth Edition of Steven and Susan Zumdahl's CHEMISTRY brings together the solid pedagogy, easy-to-use media, and interactive exercises that today's instructors need for their general chemistry course. Rather than focusing on rote memorization, CHEMISTRY uses a thoughtful approach built on problem-solving. For the Ninth Edition, the authors have added a new emphasis on critical systematic

problem solving, new critical thinking questions, and new computer-based interactive examples to help students learn how to approach and solve chemical problems--to learn to think like chemists--so that they can apply the process of problem solving to all aspects of their lives. Students are provided with the tools to become critical thinkers: to ask questions, to apply rules and develop models, and to evaluate the outcome. In addition, Steven and Susan Zumdahl crafted ChemWork, an online program included in OWL Online Web Learning to support their approach, much as an instructor would offer support during office hours. ChemWork is just one of many study aids available with CHEMISTRY that supports the

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Chemistry: An Atoms First Approach Cengage Learning

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Absorption from Solutions of Non-Electrolytes provides a general discussion of the subject, which has so far been given little or no attention in current textbooks of physical chemistry. A general view of the subject is particularly needed at a time when we wish to see how far it will be possible to use theories of solutions to explain the phenomena of absorption. The book opens with an introductory chapter on the types of interface, aspects of absorption from solution, types of absorption, and classification of systems. This is followed by separate

chapters on experimental methods, adsorption at the liquid-solid interface, adsorption from completely miscible and partially liquids, adsorption of gases and solids from solution, adsorption of polymers, and adsorption in multicomponent systems. Subsequent chapters deal with factors influencing competitive adsorption at the liquid-solid interface. Adsorption at the liquid-vapor and liquid-liquid interface, kinetics and thermodynamics of adsorption from the liquid phase, the use of columns in adsorption, and use of adsorption from solution to measure surface area.

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Steve and Susan Zumdahl's texts focus on helping students build critical thinking skills through the process of becoming independent problem-solvers. They help students learn to think like a chemists so they can apply the problem solving process to all aspects of their lives. In CHEMISTRY: AN ATOMS FIRST APPROACH, the Zumdahls use a meaningful approach that begins with the atom and proceeds through the concept of molecules, structure, and bonding, to more complex materials and their properties. Because this approach differs from what most students have experienced in high school courses, it encourages them to focus on conceptual

learning early in the course, rather than relying on memorization and a plug and chug method of problem solving that even the best students can fall back on when confronted with familiar material. The atoms first organization provides an opportunity for students to use the tools of critical thinkers: to ask questions, to apply rules and models and to evaluate outcomes. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. *Holt McDougal Modern Chemistry* Walter de Gruyter GmbH & Co KG Our NEET Foundation series is sharply focused for the NEET aspirants. Most of the students make a career choice in the middle school and, therefore, choose their stream informally in secondary and formally in senior secondary schooling, accordingly. If you have decided to make

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