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**Steven S. Zumdahl, Susan A. Zumdahl - pdf
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Books Details:

Title: Chemistry

Author: Steven S. Zumdahl, Susan A.

Released:

Language:

Pages: 1200

ISBN: 1133611095

ISBN13: 9781133611097

ASIN: 1133611095

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Description:

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 hallmarks of the textbook--a strong emphasis on models, real world applications, visual learning, and independent problem solving. Available with InfoTrac Student Collections
<http://gocengage.com/infotrac>.

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Chemistry (from Egyptian kēme (chem), meaning "earth") is the science concerned with the composition, structure, and properties of matter, as well as the changes it undergoes during chemical reactions. Historically, modern chemistry evolved out of alchemy following the chemical revolution (1773). Chemistry is a physical science related to studies of various atoms, molecules, crystals and other aggregates of matter whether in isolation or combination. Chemistry incorporates the concepts of energy and For other uses, see Chemistry (disambiguation). Chemistry is the science of atomic matter (that made of chemical elements), its properties, structure, comp. Chemistry is the science of atomic matter (that made of chemical elements), its properties, structure, composition and its changes during interactions and chemical reactions. During chemical reactions, bonds between atoms break and form, resulting in different substances with different properties.