



Chemistry: An Atoms First Approach

By Steven S. Zumdahl, Susan A. Zumdahl

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Packed with the information, examples, and problems you need to learn to "think like a chemist," CHEMISTRY: AN ATOMS FIRST APPROACH is designed to help you become an independent problem-solver. The text begins with coverage of the atom and proceeds through the concept of molecules, structure, and bonding. This approach, different from your high school course, will help you become a good critical thinker and a strong problem-solver -- skills that will be useful to you in any career.

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Editorial Review

About the Author

Steve Zumdahl is the author of market-leading textbooks in introductory chemistry, general chemistry, honors-level chemistry, and high school chemistry. Recently retired from his long-time position as Director of Undergraduate Programs at the University of Illinois, he has received numerous awards for his contributions to chemical education. These include the National Catalyst Award in recognition of his contribution to chemical education, the University of Illinois Teaching Award, the UIUC Liberal Arts and Sciences Advising Award, and the School of Chemical Sciences Teaching Award (five times). He earned his B.S. in Chemistry from Wheaton College (IL), and his Ph.D. from the University of Illinois.

Susan A. Zumdahl earned a B.S. and M.A. in Chemistry at California State University--Fullerton. She has taught science and mathematics at all levels, including middle school, high school, community college, and university. She is past director of the Merit Program for Emerging Scholars in Chemistry at the University of Illinois. In addition, she spearheaded the development of a sophisticated web-based electronic homework system for chemistry and is co-author on several chemistry textbooks.

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