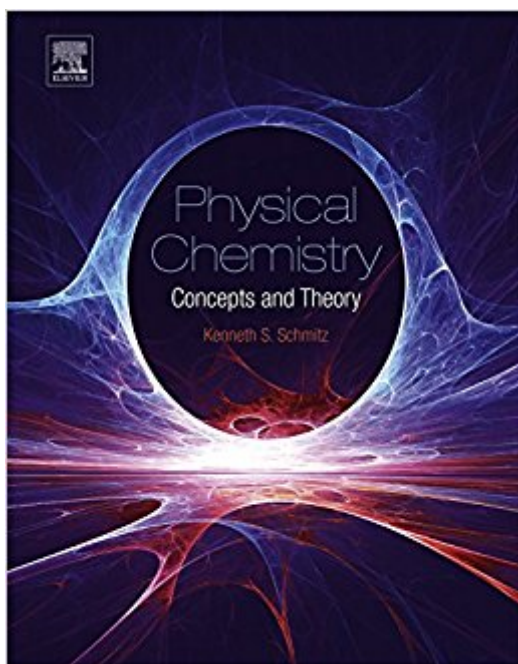


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# Physical Chemistry: Concepts And Theory



## Synopsis

Physical Chemistry: Concepts and Theory provides a comprehensive overview of physical and theoretical chemistry while focusing on the basic principles that unite the sub-disciplines of the field. With an emphasis on multidisciplinary, as well as interdisciplinary applications, the book extensively reviews fundamental principles and presents recent research to help the reader make logical connections between the theory and application of physical chemistry concepts. Also available from the author: Physical Chemistry: Multidisciplinary Applications (ISBN 9780128005132). Describes how materials behave and chemical reactions occur at the molecular and atomic levels. Uses theoretical constructs and mathematical computations to explain chemical properties and describe behavior of molecular and condensed matter. Demonstrates the connection between math and chemistry and how to use math as a powerful tool to predict the properties of chemicals. Emphasizes the intersection of chemistry, math, and physics and the resulting applications across many disciplines of science.

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