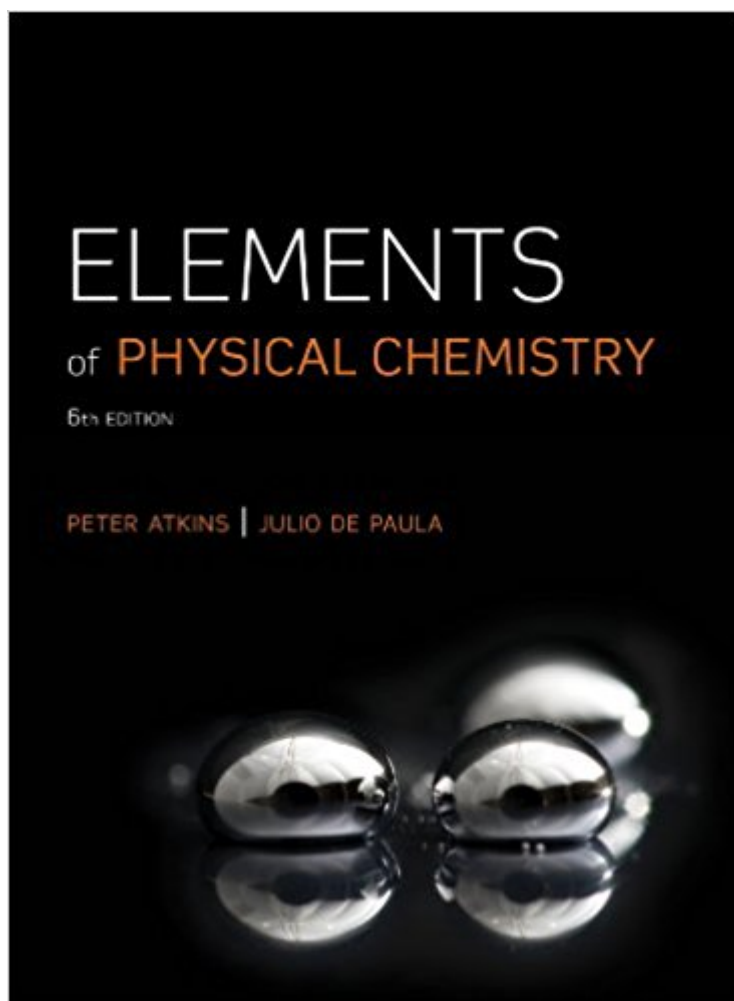


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# Elements Of Physical Chemistry



## Synopsis

Getting to grips with physical chemistry can be a daunting task. With new concepts to understand and a large amount of mathematics to master, it is no wonder that students can sometimes find it overwhelming. Elements of Physical Chemistry has been carefully developed to help the reader increase their confidence when using physics and mathematics to answer fundamental questions about the structure of molecules, how chemical reactions take place, and why materials behave the way they do. The content is tightly focussed and well-matched to undergraduate courses, making it easy to find the information needed. Topics are covered in a clear, easy-to-follow style, using everyday examples to help students to visualise things that can otherwise seem very abstract. This edition sees further development of the learning features. These include Chemist's toolkits, which provide a reminder of mathematical techniques or introductory chemistry needed to follow material in the chapters; Worked examples, providing a step-by-step route through a problem; Brief illustrations which explain how to use equations; and Self-tests, allowing students to check their understanding. On the accompanying Online Resource Centre, students have access to multiple choice questions and Webcasts; short videos showing, step-by-step, how to solve an exercise. For lecturers, there is a test bank and the figures from the text are available to download. --This text refers to an out of print or unavailable edition of this title.

## Book Information

Paperback: 630 pages

Publisher: W. H. Freeman; 6 edition (December 19, 2012)

Language: English

ISBN-10: 1429287322

ISBN-13: 978-1429287326

Product Dimensions: 7.7 x 0.9 x 10.5 inches

Shipping Weight: 2.7 pounds

Average Customer Review: 3.7 out of 5 stars 7 customer reviews

Best Sellers Rank: #125,988 in Books (See Top 100 in Books) #44 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#) #563 in [Books > Science & Math > Chemistry > General & Reference](#) #618 in [Books > Textbooks > Science & Mathematics > Chemistry](#)

## Customer Reviews

"This text presents fundamental concepts of physical chemistry in an engaging and enjoyable style.

I will definitely be recommending it to others." --Matthew Ryder, Chemistry student, Heriot-Watt University "I think the book is very good for first and second years. It does a good job of explaining some of the traditionally more 'scary' topics without being too heavy on the maths. The exercises and questions are also done well, and the graphs and diagrams are useful and clear." --Jonathan Booth, Chemistry student, University of York --This text refers to an out of print or unavailable edition of this title.

Peter Atkins is a fellow of Lincoln College in the University of Oxford and the author of about seventy books for students and a general audience. His texts are market leaders around the globe. A frequent lecturer in the United States and throughout the world, he has held visiting professorships in France, Israel, Japan, China, and New Zealand. He was the founding chairman of the Committee on Chemistry Education of the International Union of Pure and Applied Chemistry and was a member of IUPAC's Physical and Biophysical Chemistry Division. Julio de Paula is Professor of Chemistry at Lewis & Clark College. A native of Brazil, Professor de Paula received a B.A. degree in chemistry from Rutgers, The State University of New Jersey, and a Ph.D. in biophysical chemistry from Yale University. His research activities encompass the areas of molecular spectroscopy, biophysical chemistry, and nanoscience. He has taught courses in general chemistry, physical chemistry, biophysical chemistry, instrumental analysis, and writing. --This text refers to an out of print or unavailable edition of this title.

I Was forced to buy this for P-chem class at school, and IMHO this book is almost completely worthless. Information is not laid out in a helpful way, the graphs are hard to understand, and the typesetting for the equations is just awful. I would say the only redeeming factor for this book is the problems in the back of the chapter; they're actually pretty good for a chemistry book. Bottom line, if you're looking for a way to increase your knowledge of the subject, stay away from the book. If you're forced to buy it like I was, I wish you luck. I hope your professor has enough supplementary material to address the shortcomings of this book. P-chem is a subject worth learning, but you likely won't learn it from this book. Hope I helped.

The book offers some decent guidance. There are some errors and some of the solutions lack detail.

Amazing best seller. Thank u so much.!

It was in even better condition than described. Thanks!

Getting the book was a very fast and simple process and I thoroughly enjoy having it in a PDF format.

ok

Had to take physical chem for school. Got the book here for cheaper so that's a plus. This class kicked my ass. Tried to use the book as much as I could to save myself. It wasn't much help. Had to drop the course. Will be reselling the book soon. One of those required courses I don't even need for my career (like Organic Chem). College is over rated. Get into debt with little chance of a pay off. Good luck if you have to take this course. Hope the book will help you more than it did me.

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