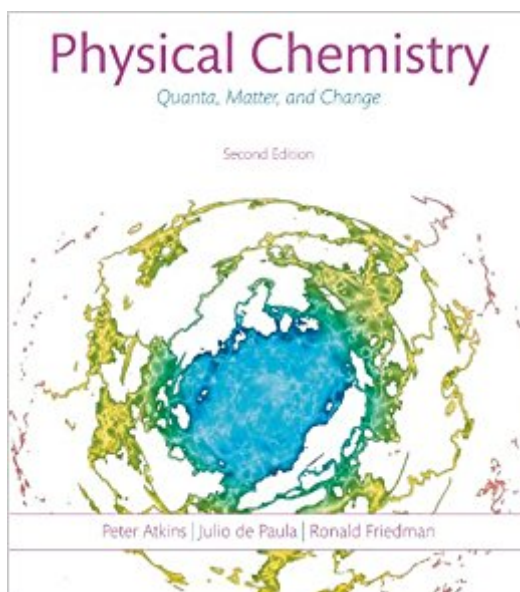


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# Physical Chemistry: Quanta, Matter, And Change



## Synopsis

This engaging alternative pathway through the physical chemistry course is for instructors who prefer to start with quantum mechanics, then introduce statistical mechanics and thermodynamics. The new edition helps students even further by reorganizing its coverage into a series of brief "Topics" divided into "Focus" sections. There is also greatly expanded support for students who struggle with the mathematics required for the course.

## Book Information

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Best Sellers Rank: #209,435 in Books (See Top 100 in Books) #65 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #858 in Books > Textbooks > Science & Mathematics > Chemistry

## Customer Reviews

This is a great physical chemistry textbook that covered the extensiveness of an introductory course. The book was in wonderful condition and was sold as described by the seller. The text includes a layout that interests the reader without boring them with an immense amount of text, balanced by figures. I do recommend the solutions manual to accompany this text, it proves to be very useful in problem solving.

This book was supposed to be new, but the binding was loose as if it was not. Also, the way the subject matter is presented is (for the most part) good... but it lacks explanation in pretty much all of the example problems (i.e. even advanced integrations aren't explained - just the integral and it skips to the final answer. No explanation as to how or why...)

Just what I wanted, this book came just in time for the start of the first semester.

Easy to understand, but is a little confusing to find where things are in the chapters.

This book is like cliff notes for Quantum Mechanics, so don't expect to get by in Physical Chemistry just reading this book alone. The book lacks detail, so you only vaguely understand the general process. Some of the equations are inconsistent with other books, this is due to the fact that even the equations in the book are streamlined; so you might find yourself wrong in various questions because the book expects you to know what constants and variables are where. Usually only one form of the equation is given in this book, however every equation can be manipulated and there are many forms to every equation, so read with caution! This book however is great for pre-reading before lectures, reviewing material already known, and can be used as an excellent supplement to other physical chemistry books. However, by itself it cannot stand on its own, if this is the only book you plan to purchase, I suggest you look for a more comprehensive and detailed book.

This book has lots of derivations for equations with very little in the way of explanation. It is very difficult to solve problems, as there are only a few examples. Further more, the solution guide is full of typos and only shows the solution to the (a) problems, but those answers are in the back of the book anyway. If you are a prof, you had better be really good at explaining theory and showing some problem solving skills, as this book will NOT help your students.

Clear and precise explanations. Well organized. Thoroughly explains concepts of physical chemistry. Good practice problems and additional material to further explain concepts and related ideas.

Worse book Ever. The text is too small and too much wording is crammed into each page. Yet the authors do a poor job at making the material comprehensible. They leave out alot of fine details essential for going on to the next chapter. Solutions manual only has half the answers and is shortcutted. This book would be my last resort.

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