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# ELEMENTS

of Physical Chemistry

PETER ATKINS & JULIO DE PAULA



7th edition

# Physical Chemistry Atkins 7th Edition

**David Kirk**



## **Physical Chemistry Atkins 7th Edition:**

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recent years the area dealing with the physical chemistry of materials has become an emerging discipline in materials science that emphasizes the study of materials for chemical sustainable energy and pollution abatement applications Written by an active researcher in this field *Physical Chemistry of Materials Energy and Environmental Appl* Atkins' Physical Chemistry 11e Peter Atkins, Julio De Paula, James Keeler, 2019-09-06 Atkins Physical Chemistry Molecular Thermodynamics and Kinetics is designed for use on the second semester of a quantum first physical chemistry course Based on the hugely popular Atkins Physical Chemistry this volume approaches molecular thermodynamics with the assumption that students will have studied quantum mechanics in their first semester The exceptional quality of previous editions has been built upon to make this new edition of Atkins Physical Chemistry even more closely suited to the needs of both lecturers and students Reorganised into discrete topics the text is more flexible to teach from and more readable for students Now in its eleventh edition the text has been enhanced with additional learning features and maths support to demonstrate the absolute centrality of mathematics to physical chemistry Increasing the digestibility of the text in this new approach the reader is brought to a question then the math is used to show how it can be answered and progress made The expanded and redistributed maths support also includes new Chemist's toolkits which provide students with succinct reminders of

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