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Peter Atkins, Julio de Paula, James Keeler

# **Physical Chemistry Atkins Edition:**

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chemistry The author gives more attention to the solid and liquid states than is found in other texts on this subject and introduces topics such as computer simulation and quasicrystals Each chapter concludes with a set of problems to which there are solution notes designed to lead the reader to familiarity with the subject and its application in new situations Computer programs designed to assist the reader are downloadable from the World Wide Web from the time of publication Detailed solutions to the problems will also be available via the World Wide Web See http www cup cam ac uk stm laddsolutions htm This modern text on physical chemistry will be of interest to undergraduate students in chemistry and also students in other areas of science and engineering requiring a familiarity with the subject Atkins Physical Chemistry V1 Peter Atkins, Peter William Atkins, Julio de Paula, James Keeler, 2023 Atkins Physical Chemistry is widely acknowledged by both students and lecturers around the globe to be the textbook of choice for studying physical chemistry Now in its twelfth edition the text has been enhanced with additional learning features and the writing style has been refreshed to resonate with the modern student An Introduction to Theoretical Chemistry Jack Simons, 2003-03-20 Textbook on modern theoretical chemistry suitable for advanced undergraduate or graduate students **Chemistry** Peter William Atkins, 2015 Most people remember chemistry from their schooldays as largely incomprehensible a subject that was fact rich but understanding poor smelly and so far removed from the real world of events and pleasures that there seemed little point except for the most introverted in coming to terms with its grubby concepts spells recipes and rules Peter Atkins wants to change all that He encourages us to look at chemistry anew through a chemist's eyes in order to understand its central concepts and to see how it contributes not only towards our material comfort but also to human culture Atkins' Physical Chemistry: Thermodynamics and kinetics Peter William Atkins, Julio De Paula, James Keeler, 2023 Atkins Physical Chemistry is widely acknowledged by students and lecturers around the globe to be the textbook of choice for studying physical chemistry The exceptional quality of previous editions has been built upon to make the twelfth edition of Atkins Physical Chemistry even more closely suited to the needs of both lecturers and students The writing style has been refreshed in collaboration with current students of physical chemistry in order to retain the clarity for which the book is recognized while mirroring the way you read and engage with information The new edition is now available as an enhanced e book which offers you a richer more dynamic learning experience It does this by incorporating digital enhancements that are carefully curated and thoughtfully inserted at meaningful points to enhance the learning experience In addition it offers formative auto graded assessment materials to provide students with regular opportunities to test their understanding Digital enhancements introduced for the new edition include dynamic graphs which students can interact with to explore how the manipulation of variables affects the results of the graphs self check questions at the end of every Topic video content from physical chemists and video tutorials to accompany each Focus which dig deeper into the key equations introduced There is also a new foundational prologue entitled Energy A First Look which summarizes key concepts that are best kept in mind right from the

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