



Explorations in Physical Chemistry

By Valerie Walters, Julio de Paula, Peter Atkins

Oxford University Press, United Kingdom, 2007. CD-ROM. Book Condition: New. 2nd Revised edition. 141 x 124 mm. Language: N/A. Brand New. Physical chemistry describes the dynamic processes that shape the world around us; it is far removed from the perception of abstract theories and relationships held by so many students. But how can students make the jump from abstract equation to the reality of physical chemistry in action? Explorations in Physical Chemistry offers a unique way to bring physical chemistry to life. Stimulating active, hands-on investigation, the resource encourages students to simulate the physical, chemical and biochemical phenomena that shape the behaviour of atoms and molecules, stimulating the student to engage with, and master, the essential physical concepts that underpin the subject. Harnessing the computational power of Mathcad(R) and Microsoft Excel(R), the resource features an extensive series of interactive worksheets that enable students to manipulate graphics, alter simulation parameters, and solve equations to gain deeper insights into physical chemistry. Each worksheet includes thought-stimulating exercises to help direct the student's learning experience. Explorations in Physical Chemistry makes the teaching and learning of physical chemistry as dynamic as the subject itself; it is the ideal addition to any physical chemistry course.



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