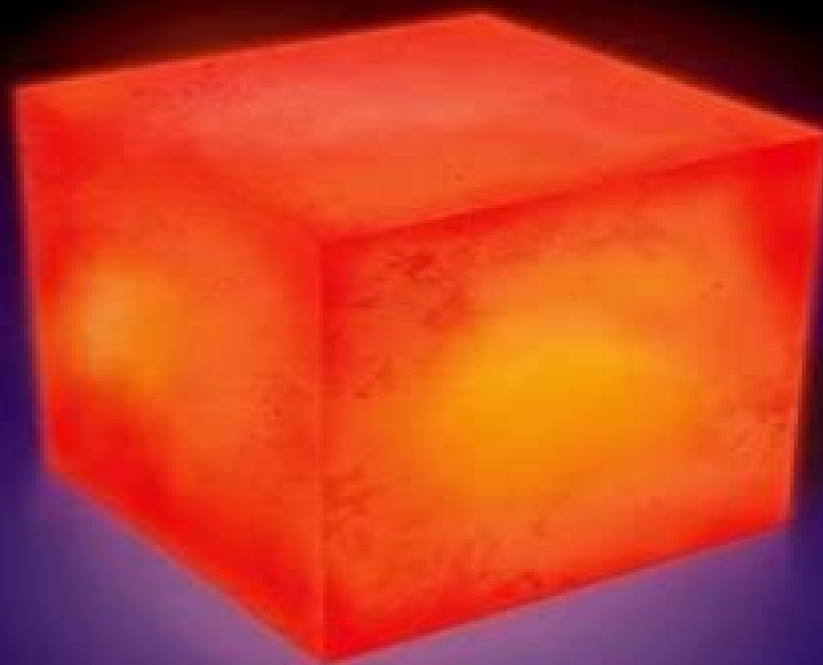


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# Atkins' PHYSICAL CHEMISTRY

10th Edition



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# Physical Chemistry Atkins 10th Edition

**Douglas Barrick**



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The Laws of Thermodynamics Peter Atkins, 2010-03-25 From the sudden expansion of a cloud of gas or the cooling of a hot metal to the unfolding of a thought in our minds and even the course of life itself everything is governed by the four Laws of Thermodynamics These laws specify the nature of energy and temperature and are soon revealed to reach out and define the arrow of time itself why things change and why death must come In this Very Short Introduction Peter Atkins explains the basis and deeper implications of each law highlighting their relevance in everyday examples Using the minimum of mathematics he introduces concepts such as entropy free energy and to the brink and beyond of the absolute zero temperature These are not merely abstract ideas they govern our lives In this concise and compelling introduction Atkins paints a lucid picture of the four elegant laws that between them drive the Universe

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