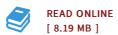




Physics of Atoms, Molecules, Solids and Nuclei (Hardback)

By Vimal Kumar Jain

Alpha Science International Ltd, United Kingdom, 2017. Hardback. Condition: New. Language: English . Brand New Book. Physics of Atoms, Molecules, Solids and Nuclei provides the foundation for much of one s future work in atomic, molecular, solid state and nuclear physics. The topics include - The Schrodinger wave equation and its simple applications, Atomic spectra of hydrogen atom, One valence system, Two valence system and the effects of external field, X-ray spectra, Molecular spectra of diatomic molecule, Raman effect, Essential o laser action, Crystal structure, chemical bonding, Thermal properties of solids, Free electron and band theory of solids, magnetic and superconducting properties. The book also describe the basic properties of Nuclei, Radioactivity, Alpha, Beta and Gamma decay, Nuclear models, Nuclear reactions, detectors, and elementary particles. This book meant for undergraduate and postgraduate students of Engineering, Physics and Chemistry provides a comprehensive treatment of important concepts of modern physics in twenty one chapters and includes all mathematical steps for complete understanding. KEY FEATURES:* Solved Examples and Exercises at the end of each chapter.



Reviews

Very useful to any or all group of folks. It really is rally interesting through reading through period of time. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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It in a of the most popular publication. It really is filled with knowledge and wisdom Its been designed in an exceedingly straightforward way and it is merely soon after i finished reading this pdf by which actually transformed me, affect the way in my opinion.

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