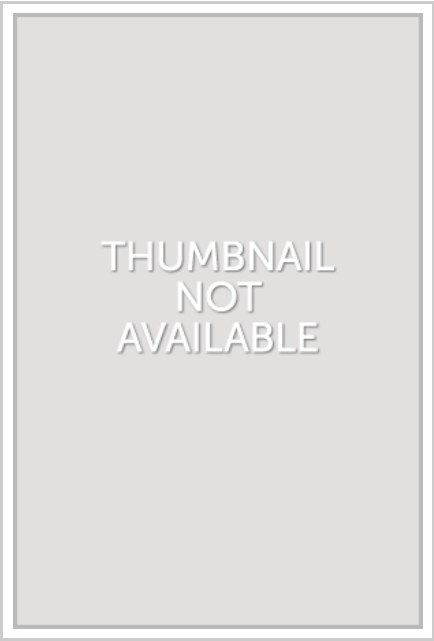


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Classical Mechanics (Hardback)

By Tom W.B. Kibble, Frank H. Berkshire

Imperial College Press, United Kingdom, 2004. Hardback. Book Condition: New. 5th Revised edition. 228 x 158 mm. Language: English . Brand New Book. This is the fifth edition of a well-established textbook. It is intended to provide a thorough coverage of the fundamental principles and techniques of classical mechanics, an old subject that is at the base of all of physics, but in which there has also in recent years been rapid development. The book is aimed at undergraduate students of physics and applied mathematics. It emphasizes the basic principles, and aims to progress rapidly to the point of being able to handle physically and mathematically interesting problems, without getting bogged down in excessive formalism. Lagrangian methods are introduced at a relatively early stage, to get students to appreciate their use in simple contexts. Later chapters use Lagrangian and Hamiltonian methods extensively, but in a way that aims to be accessible to undergraduates, while including modern developments at the appropriate level of detail. The subject has been developed considerably recently while retaining a truly central role for all students of physics and applied mathematics.This edition retains all the main features of the fourth edition, including the two chapters on geometry...

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