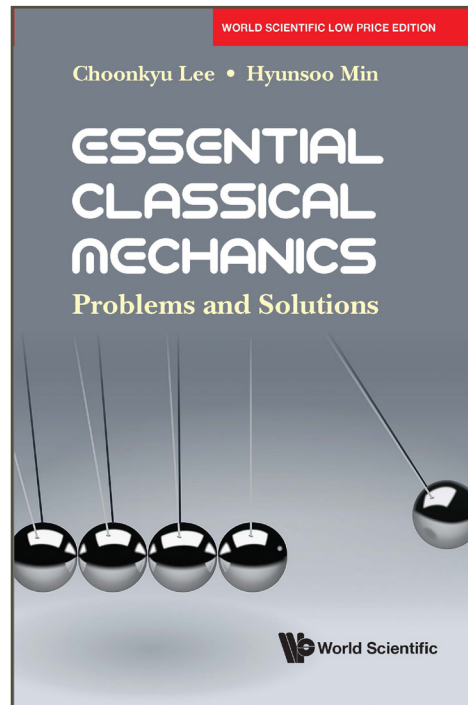


ESSENTIAL CLASSICAL MECHANICS

Problems and Solutions

By
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ABOUT THE BOOK

“The authors of this book offer a very strong reason for the study of classical mechanics describing it ‘as the base on which the whole pyramid of modern physics has been erected’ ... In order that students can gauge their understanding of the various topics, many exercises are introduced. Some of those should be straightforward whilst others are quite challenging ... The authors are to be thanked for delivering a highly readable text which should assure a continued supply of practitioners of classical mechanics and its applications.”

Contemporary Physics

Problem solving in physics is not simply a test of understanding, but an integral part of learning. This book contains complete step-by-step solutions for all exercise problems in Essential Classical Mechanics, with succinct chapter-by-chapter summaries of key concepts and formulas. The degree of difficulty with problems varies from quite simple to very challenging; but none too easy, as all problems in physics demand some subtlety of intuition. The emphasis of the book is not so much in acquainting students with various problem-solving techniques as in suggesting ways of thinking. For undergraduate and graduate students, as well as those involved in teaching classical mechanics, this book can be used as a supplementary text or as an independent study aid.

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