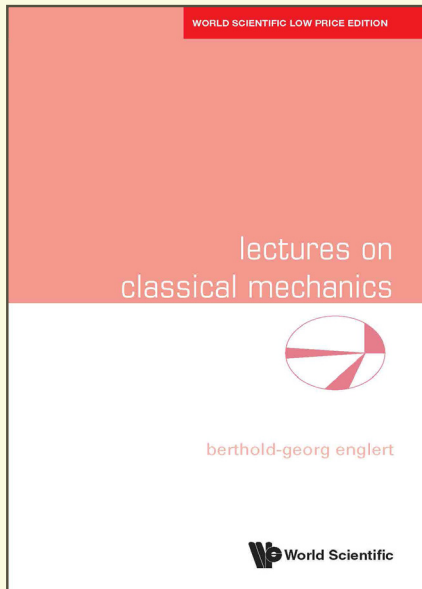


Lectures on Classical Mechanics



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ABOUT THE BOOK

These lecture notes cover Classical Mechanics at the level of second-year undergraduates. The book offers comprehensive as well as self-contained material that can be taught in a one-semester course for students with the minimal background knowledge acquired in preuniversity education or in the usual first-year overview. The presentation does not skip the technical details which renders the book particularly well-suited for the self-studying student.

READERSHIP

Second-year university undergraduates, course facilitators, and university lecturers.

CONTENTS

- Kinematics
- Dynamics
- Conservative Forces
- Pair Forces
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- Gravitating Mass Distributions
- Variational Problems
- Principle of Stationary Action
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