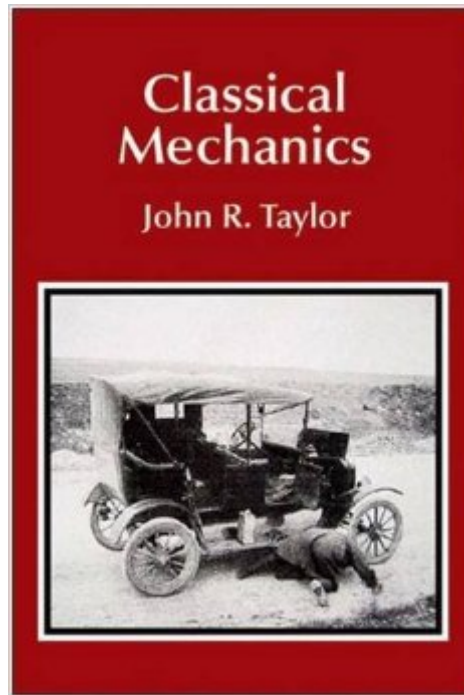


The book was found

# Classical Mechanics



## Synopsis

John Taylor has brought to his new book, *Classical Mechanics*, all of the clarity and insight that made his introduction to *Error Analysis* a best-selling text.

## Book Information

Hardcover: 786 pages

Publisher: University Science Books; null edition (January 1, 2005)

Language: English

ISBN-10: 189138922X

ISBN-13: 978-1891389221

Product Dimensions: 7.3 x 1.7 x 10.2 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars [See all reviews](#) (108 customer reviews)

Best Sellers Rank: #14,468 in Books (See Top 100 in Books) #5 in [Books > Textbooks > Science & Mathematics > Mechanics](#) #8 in [Books > Science & Math > Physics > Mechanics](#) #4179 in [Books > Reference](#)

## Customer Reviews

The five "reviews" before mine are all from undergraduate physics majors at Amherst College. All five students were in the same class, which used a pre-publication edition of Taylor's book. I think their reviews reflect these facts, and say more about the students than they do about the book. That being said, I also used pre-publication editions, but as a professor teaching the class. Before this book I had used the other "standards" (Marion and Thornton, etc). Taylor's book is by far the best of all of them. In fact I enjoyed it so much that I gave the author a lot of feedback about the material covered in the chapters and the problems. I wouldn't have spent all that time on the book if I didn't believe it was one of the best physics books I've ever read. I use the book in the Jr-Sr mechanics course at Bates College. Since our students have already had a semester of classical mechanics from the book by Kleppner and Kolenkow, I begin with Chapter Six in Taylor's book (Calculus of Variations). The presentation is meticulous, the concepts are explained clearly and correctly (not always the case in other books), and the examples are carefully chosen. The problems are carefully chosen and carefully worded. Sometimes they present new material, e.g., the Thomas Precession, the rapidity, etc., using examples that clearly illustrate the essential points. I also have taught the first six chapters and they are very refreshing and well-written. They are at just the right level for a student coming out of a calculus-based introductory physics course and, in addition, give a

wonderful discussion of air resistance and viscous forces as they apply to automobiles, oil drops in the Millikan experiment, and many other practical situations.

[Download to continue reading...](#)

Easy Classical Guitar & Melodica Duets: Featuring music of Bach, Mozart, Beethoven, Wagner and others. For Classical Guitar and Melodica. In Standard Notation and Tablature. A Rasa Reader: Classical Indian Aesthetics (Historical Sourcebooks in Classical Indian Thought) The Record Shelf Guide to Classical CDs and Audiocassettes: Fifth Revised and Expanded Edition (Insider's Guide to Classical Recordings) Quantum Mechanics: Classical Results, Modern Systems, and Visualized Examples Classical Mechanics Introduction to Classical Mechanics: With Problems and Solutions Classical Mechanics (3rd Edition) Robotics: The Beginner's Guide to Robotic Building, Technology, Mechanics, and Processes (Robotics, Mechanics, Technology, Robotic Building, Science) Soil Mechanics in Highway Engineering (Series on Rock and Soil Mechanics) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Mechanics II: Mechanics of Materials + Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) Classical Tradition in Anatolian Carpets The Ince Blundell Collection of Classical Sculpture: Volume 1, The Portraits Part 1, The Female Portraits (Corpus Signorum Imperii Romani. Great Britain, V. 3, Fasc. 2, 9.) The Learned Collector: Mythological Statuettes and Classical Taste in Late Antique Gaul Furniture: World Styles from Classical to Contemporary Classical Turkish Cooking: Simple, Easy, and Unique Turkish Recipes (Turkish Cooking, Turkish Cookbook, Turkish Recipes) (Volume 1) The Tagine Dream: Classical and Contemporary Tagines from Morocco, Tunisia, and Algeria (Tagine Recipes, Tagine Cookbook, Algerian Recipes, Moroccan Recipes, Tunisian Recipes Book 1) Fortran Codes for Classical Methods in Linear Dynamics

[Dmca](#)