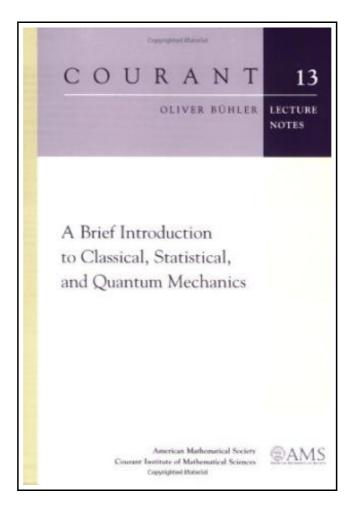
A Brief Introduction to Classical, Statistical, and Quantum Mechanics



Filesize: 5.5 MB

Reviews

Very useful for all group of people. It is amongst the most incredible pdf i actually have read through. Its been written in an extremely straightforward way and it is just right after i finished reading through this pdf by which basically modified me, change the way i think.

(Felicia Nikolaus)

A BRIEF INTRODUCTION TO CLASSICAL, STATISTICAL, AND QUANTUM MECHANICS



American Mathematical Society. Paperback. Book Condition: new. BRAND NEW, A Brief Introduction to Classical, Statistical, and Quantum Mechanics, Oliver Buhler, This book provides a rapid overview of the basic methods and concepts in mechanics for beginning Ph.D. students and advanced undergraduates in applied mathematics or related fields. It is based on a graduate course given in 2006-07 at the Courant Institute of Mathematical Sciences. Among other topics, the book introduces Newton's law, action principles, Hamilton-Jacobi theory, geometric wave theory, analytical and numerical statistical mechanics, discrete and continuous quantum mechanics, and quantum path-integral methods. The focus is on fundamental mathematical methods that provide connections between seemingly unrelated subjects. There is an example is Hamilton-Jacobi theory, which appears in the calculus of variations, in Fermat's principle of classical mechanics, and in the geometric theory of dispersive wavetrains. The material is developed in a sequence of simple examples and the book can be used in a one-semester class on classical, statistical, and quantum mechanics. Some familiarity with differential equations is required but otherwise the book is self-contained. In particular, no previous knowledge of physics is assumed.

- Read A Brief Introduction to Classical, Statistical, and Quantum Mechanics Online
 - Download PDF A Brief Introduction to Classical, Statistical, and Quantum Mechanics

Related Kindle Books



EU Law Directions

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the...

Read Book »



The Bells, Op. 35: Vocal Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 276 x 214 mm. Language: Russian . Brand New Book ***** Print on Demand *****.Composed in 1913 to Konstantin Balmonts free adaptation in Russian...

Read Book »



Kolokola, Op. 35: Vocal Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: Russian . Brand New Book ***** Print on Demand *****. Composed in 1913 to Konstantin Balmonts free adaptation in Russian...

Read Book »



Oxford Mini School Thesaurus

Oxford University Press, United Kingdom, 2012. Part-work (fasciculo). Book Condition: New. 116 x 88 mm. Language: English. Brand New Book. The Oxford Mini School Thesaurus is the best quick reference tool for students aged...

Read Book »



Because It Is Bitter, and Because It Is My Heart (Plume)

Plume. PAPERBACK. Book Condition: New. 0452265819 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-I ship FAST with...

Read Book »