



The Principles of Statistical Mechanics (Paperback)

By Richard C. Tolman

Dover Publications Inc., United States, 2010. Paperback. Condition: New. New edition. Language: English. Brand new Book. Referred to by every later author, used by thousands of students in the over forty years since publication, and recommended with great enthusiasm by those same students who are now professors, The Principles of Statistical Mechanics is widely recognized as the classic treatment of a subject essential to contemporary physics. It is the definitive treatise on the fundamentals of statistical mechanics, and because it deals with the fundamentals, the material is as useful today as forty years ago. After a brief introduction, the text begins with a concise exposition of classical statistical mechanics, including such topics as Hamilton's principle, the Lagrangian function, canonical equations of motion, the fundamental theorem of Liouville, conditions for statistical equilibrium, the Maxwell-Boltzmann distribution law, collisions as a mechanism of change with time, and Boltzmann's H-theorem. There follows a thorough elucidation of quantum statistical mechanics: historical remarks, the postulates, theorems illustrating the nature of quantum mechanics, transformation theory, applications, statistical ensembles, the Maxwell-Boltzmann, Einstein-Bose, and Fermi-Dirac distributions, the change in quantum mechanical systems with time, and the quantum mechanical H-theorem. (The selfcontained treatment of quantum mechanics is almost a book within...



Reviews

A whole new electronic book with a new point of view. It can be full of knowledge and wisdom Its been written in an exceedingly simple way which is only following i finished reading through this pdf in which really modified me, modify the way in my opinion.

-- Arianna Nikolaus

This ebook is wonderful. I have got go through and so i am certain that i am going to likely to read through once again again later on. You will like the way the article writer compose this ebook.

-- Miss Ariane Mraz

Other Books



Kokology: The Game of Self Discovery

Fireside, 2003. Condition: New. book.



Shadowline: The Art of Iain McCaig

Insight Editions, 2008. Condition: New. book.



Ventures: Ventures Level 1 Value Pack (Student's Book with Audio CD and Workbook with Audio CD) (Mixed media product)

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2013. Mixed media product. Condition: New. 2nd Revised edition. Language: English. Brand new Book. Ventures 2nd Edition is a six-level, standards-based ESL series for adult-education ESL. The Ventures 2nd Edition Level 1 Value Pack allows you to...



Ventures: Ventures Level 1 Teacher's Edition with Assessment Audio CD/CD-ROM (Mixed media product)

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2013. Mixed media product. Condition: New. 2nd Revised edition. Language: English. Brand new Book. Ventures 2nd Edition is a six-level, standards-based ESL series for adult-education ESL. The Ventures 2nd Edition interleaved Level 1 Teacher's Edition includes easy-to-follow...



Unlock: Unlock Level 4 Listening, Speaking & Critical Thinking Student's Book, Mob App and Online Workbook w/ Downloadable Audio and Video (Mixed media product)

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2019. Mixed media product. Condition: New. 2nd Revised edition. Language: English. Brand new Book. Get your students thinking critically. A six-level skills-based English course. Unlock Listening, Speaking & Critical Thinking is a six-level, research-informed, academic-light English course...



Frank Wood's Business Accounting: Volume Two (Paperback)

Pearson Education Limited, United Kingdom, 2015. Paperback. Condition: New. 13th New edition. Language: English. Brand new Book. "This is an ideal technical accounting textbook, broken into short chapters that focus on specific areas" Elayne Taylor, University of Dundee "Comprehensive text for studying...