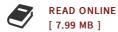




Thermodynamics

By Enrico Fermi

Dover Publications Inc., United States, 1956. Paperback. Book Condition: New. 201 x 135 mm. Language: English . Brand New Book. Indisputably, this is a modern classic of science. Based on a course of lectures delivered by the author at Columbia University, the text is elementary in treatment and remarkable for its clarity and organization. Although it is assumed that the reader is familiar with the fundamental facts of thermometry and calorimetry, no advanced mathematics beyond calculus is assumed. Partial contents: thermodynamic systems, the first law of thermodynamics (application, adiabatic transformations), the second law of thermodynamics (Carnot cycle, absolute thermodynamic temperature, thermal engines), the entropy (properties of cycles, entropy of a system whose states can be represented on a (V, p) diagram, Clapeyron and Van der Waals equations), thermodynamic potentials (free energy, thermodynamic potential at constant pressure, the phase rule, thermodynamics of the reversible electric cell), gaseous reactions (chemical equilibria in gases, Van t Hoff reaction box, another proof of the equation of gaseous equilibria, principle of Le Chatelier), the thermodynamics of dilute solutions (osmotic pressure, chemical equilibria in solutions, the distribution of a solute between 2 phases vapor pressure, boiling and freezing points), the entropy constant (Nernst's theorem, thermal...



Reviews

This book will never be easy to start on looking at but quite entertaining to read. It is actually packed with wisdom and knowledge It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Ms. Missouri Satterfield DVM

It in a single of my personal favorite ebook. It really is filled with wisdom and knowledge I discovered this book from my dad and i recommended this book to discover.

-- Kyla Goodwin

Relevant PDFs



Stories from East High: Bonjour, Wildcats v. 12

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Evan-Moor Educational Publishers. Paperback. Book Condition: New. Paperback. 96 pages. Dimensions: 10.7in. x 8.2in. x 0.3in.Developed by teachers, this curriculum-based series provides practice of important math and reading skills-ideal for providing additional practice at home. The colorful and engaging activities motivate children...



George's First Day at Playgroup

Paperback. Book Condition: New. Not Signed; George's First Day at Playgroup is a colourful storybook based on the award-winning television series Peppa Pig. It is George's first day at playgroup and Peppa doesn't really want him there. But when all other