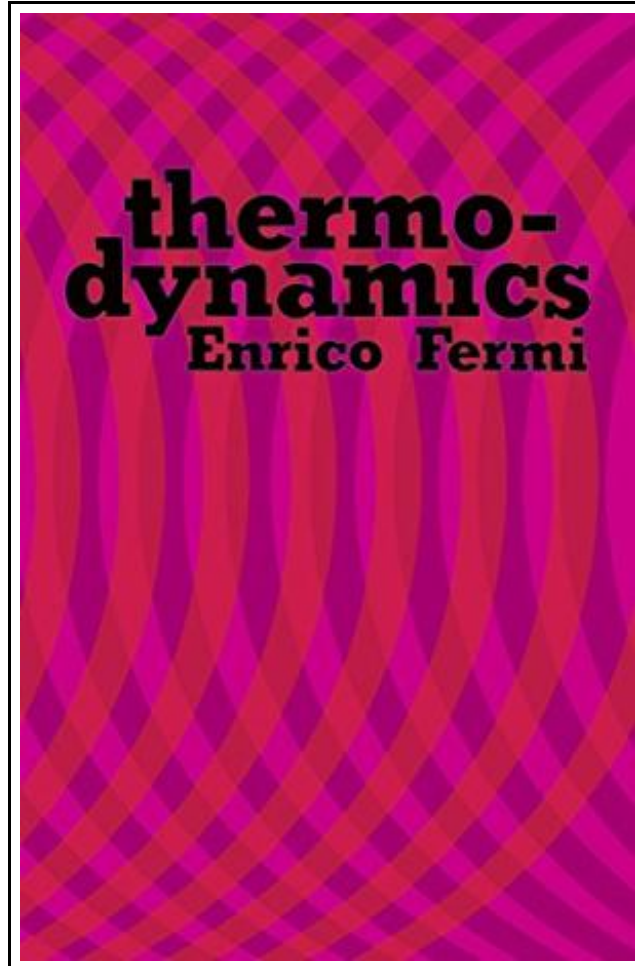


Thermodynamics



Filesize: 1.43 MB

Reviews

This publication is very gripping and intriguing. It is among the most awesome book we have go through. You can expect to like how the author compose this book.

(Dr. Malika Bechtelar II)

THERMODYNAMICS



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 ionization of a gas, thermionic effect, etc.).



[Read Thermodynamics Online](#)



[Download PDF Thermodynamics](#)

See Also



Any Child Can Write

Oxford University Press Inc, United States, 2003. Paperback. Book Condition: New. 4th Revised edition. 201 x 135 mm. Language: English . Brand New Book ***** Print on Demand *****.Harvey S. Wiener shows how parents can...

[Save ePub »](#)



Electronic Dreams: How 1980s Britain Learned to Love the Computer

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 170 x 135 mm. Language: English . Brand New. Remember the ZX Spectrum? Ever have a go at programming with its stretchy rubber...

[Save ePub »](#)



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Save ePub »](#)



And You Know You Should Be Glad

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.A highly personal and moving true story of friend-ship and...

[Save ePub »](#)



An American Robinson Crusoe

1st World Library, United States, 2005. Paperback. Book Condition: New. 211 x 135 mm. Language: English . Brand New Book ***** Print on Demand *****.Purchase one of 1st World Library s Classic Books and help...

[Save ePub »](#)