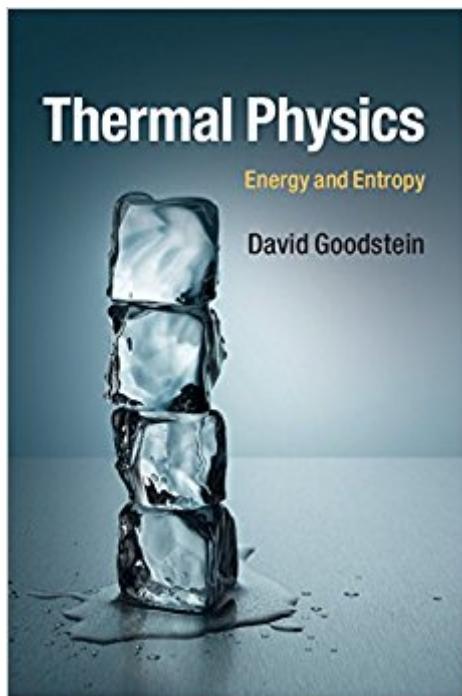


The book was found

Thermal Physics: Energy And Entropy



Synopsis

Written by distinguished physics educator David Goodstein, this fresh introduction to thermodynamics, statistical mechanics, and the study of matter is ideal for undergraduate courses. The textbook looks at the behavior of thermodynamic variables and examines partial derivatives - the essential language of thermodynamics. It also explores states of matter and the phase transitions between them, the ideal gas equation, and the behavior of the atmosphere. The origin and meaning of the laws of thermodynamics are then discussed, together with Carnot engines and refrigerators, and the notion of reversibility. Later chapters cover the partition function, the density of states, and energy functions, as well as more advanced topics such as the interactions between particles and equations for the states of gases of varying densities. Favoring intuitive and qualitative descriptions over exhaustive mathematical derivations, the textbook uses numerous problems and worked examples to help readers get to grips with the subject.

Book Information

File Size: 4372 KB

Print Length: 173 pages

Page Numbers Source ISBN: 1107080118

Simultaneous Device Usage: Up to 4 simultaneous devices, per publisher limits

Publisher: Cambridge University Press; 1 edition (January 31, 2015)

Publication Date: February 10, 2015

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B00Q8TWU1E

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #904,157 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #30

in Books > Science & Math > Physics > Entropy #76 in Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Dynamics > Thermodynamics #691 in Books > Science & Math > Physics > Dynamics > Thermodynamics

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

Thermal Physics: Energy and Entropy Entropy - God's Dice Game: The book describes the historical evolution of the understanding of entropy, alongside biographies of the scientists who ... communication theory, economy, and sociology Fundamentals of Statistical and Thermal Physics (Fundamentals of Physics) Reiki: The Healing Energy of Reiki - Beginner's Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Entropy and Energy: A Universal Competition (Interaction of Mechanics and Mathematics) A History of Thermodynamics: The Doctrine of Energy and Entropy Engines, Energy and Entropy: A Thermodynamics Primer Thermal Energy Systems: Design and Analysis Advances in Concentrating Solar Thermal Research and Technology (Woodhead Publishing Series in Energy) Statistical Mechanics: Entropy, Order Parameters and Complexity (Oxford Master Series in Physics) Complexity, Entropy and the Physics of Information Thermal Physics: Concepts and Practice Thermal Physics: An Introduction to Thermodynamics, Statistical Mechanics, and Kinetic Theory (Oxford Science Publications) Fundamentals of Statistical and Thermal Physics Concepts in Thermal Physics An Introduction to Thermal Physics Thermal Physics (2nd Edition) Thermal Physics From Gravity to Thermal Gauge Theories: The AdS/CFT Correspondence (Lecture Notes in Physics) Energy Harvesting: Solar, Wind, and Ocean Energy Conversion Systems (Energy, Power Electronics, and Machines)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)