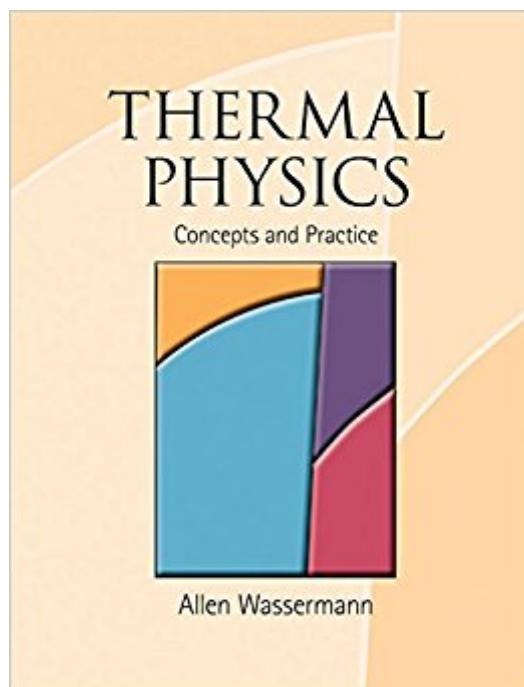


The book was found

Thermal Physics: Concepts And Practice



Synopsis

Thermodynamics has benefited from nearly 100 years of parallel development with quantum mechanics. As a result, thermal physics has been considerably enriched in concepts, technique and purpose, and now has a dominant role in the developments of physics, chemistry and biology. This unique book explores the meaning and application of these developments using quantum theory as the starting point. The book links thermal physics and quantum mechanics in a natural way.

Concepts are combined with interesting examples, and entire chapters are dedicated to applying the principles to familiar, practical and unusual situations. Together with end-of-chapter exercises, this book gives advanced undergraduate and graduate students a modern perception and appreciation for this remarkable subject.

Book Information

Hardcover: 318 pages

Publisher: Cambridge University Press; 1 edition (December 30, 2011)

Language: English

ISBN-10: 110700649X

ISBN-13: 978-1107006492

Product Dimensions: 7.4 x 0.7 x 9.7 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 3 customer reviews

Best Sellers Rank: #3,183,197 in Books (See Top 100 in Books) #76 in Books > Science & Math > Physics > Entropy #1223 in Books > Science & Math > Physics > Dynamics > Thermodynamics #2477 in Books > Science & Math > Physics > Quantum Theory

Customer Reviews

Linking thermal physics and quantum mechanics in a natural way, this unique book explores the application of thermal physics using quantum theory as the starting point. It applies the principles to familiar, practical and unusual situations to give advanced undergraduate and graduate students a modern appreciation for this remarkable subject.

Allen L. Wassermann is Professor (Emeritus) in the Department of Physics, Oregon State University. His research area is condensed matter physics.

A remember 'thermal physics'In college, not this particular book.But what the heck...

The text is very readable and easy to understand. It is better than the notes he provided when I took the course from him twelve years ago.

good service and good book. My friend has been looking for this book, and I help her get it at last! Thank you!

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

Thermal Physics: Concepts and Practice Concepts in Thermal Physics Fundamentals of Statistical and Thermal Physics (Fundamentals of Physics) Thermal Physics: Energy and Entropy Thermal Physics: An Introduction to Thermodynamics, Statistical Mechanics, and Kinetic Theory (Oxford Science Publications) Fundamentals of Statistical and 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) Home Care Nursing Practice: Concepts and Application, 4e (Home Health Nursing Practice: Concepts & Appl (Rice)) Chirelstein's Federal Income Taxation: A Law Student's Guide to the Leading Cases and Concepts (Concepts and Insights) (Concepts and Insights Series) PE Mechanical Engineering: Thermal and Fluids Practice Exam The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Physics for Kids : Electricity and Magnetism - Physics 7th Grade | Children's Physics Books Quantum Electrodynamics: Gribov Lectures on Theoretical Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology) Six Ideas that Shaped Physics: Unit N - Laws of Physics are Universal (WCB Physics) Six Ideas That Shaped Physics: Unit R - Laws of Physics are Frame-Independent (WCB Physics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)