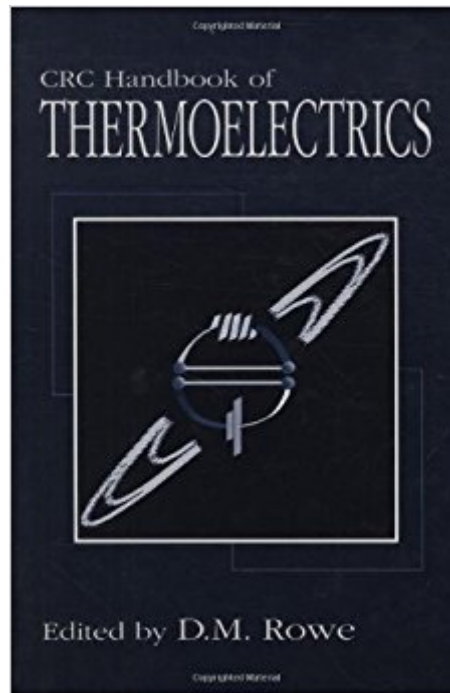




Ebook Directory
the best source of ebook

The book was found

CRC Handbook Of Thermoelectrics



Synopsis

Thermoelectrics is the science and technology associated with thermoelectric converters, that is, the generation of electrical power by the Seebeck effect and refrigeration by the Peltier effect.

Thermoelectric generators are being used in increasing numbers to provide electrical power in medical, military, and deep space applications where combinations of their desirable properties outweigh their relatively high cost and low generating efficiency. In recent years there also has been an increase in the requirement for thermoelectric coolers (Peltier devices) for use in infrared detectors and in optical communications. Information on thermoelectrics is not readily available as it is widely scattered throughout the literature. The Handbook centralizes this information in a convenient format under a single cover. Sixty of the world's foremost authorities on thermoelectrics have contributed to this Handbook. It is comprised of fifty-five chapters, a number of which contain previously unpublished material. The contents are arranged in eight sections: general principles and theoretical considerations, material preparation, measurement of thermoelectric properties, thermoelectric materials, thermoelectric generation, generator applications, thermoelectric refrigeration, and applications of thermoelectric cooling. The CRC Handbook of Thermoelectrics has a broad-based scope. It will interest researchers, technologists, and manufacturers, as well as students and the well-informed, non-specialist reader.

Book Information

Hardcover: 701 pages

Publisher: CRC Press; 1 edition (July 14, 1995)

Language: English

ISBN-10: 0849301467

ISBN-13: 978-0849301469

Product Dimensions: 7 x 1.5 x 10 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #1,728,688 in Books (See Top 100 in Books) #351 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Electric](#) #742 in [Books > Science & Math > Physics > Dynamics > Thermodynamics](#) #1447 in [Books > Textbooks > Science & Mathematics > Mechanics](#)

Customer Reviews

This book, unlike other CRCs, is not filled with tables upon tables of constants; rather, it is a

collection of articles of different thermoelectric experiments. This book has articles ranging from complex to simple, but in general it's clear, understandable, and a good read. Unfortunately, most of the articles are very specific to specialized fields of thermoelectrics and the book won't always answer your questions about different TE devices.

this book has everything one would need to research on TE - power generation and cooling ...it goes very deep within a topic but covers a lot of topics ...if you're in to TE this book is something you should have ...it's a good reference book too ...it's well worth the 200 dollars i paid for it ...i was quite thrilled to get it ... and i'm quite thrilled to have it ...it relates well to thermodynamics the book is well organisedthis book is the bible of Thermoelectrics ...

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

CRC Handbook of Thermoelectrics Handbook of Zoonoses /A: Hdbk of ZoonosesSection A (CRC) (closed) /a: Handbook of Zoonoses, Second Edition, Section A: Bacterial, Rickettsial, Chlamydial, and Mycotic Zoonoses The Garbage Collection Handbook: The Art of Automatic Memory Management (Chapman & Hall/CRC Applied Algorithms and Data Structures series) CRC Handbook of Thermal Engineering (Mechanical and Aerospace Engineering Series) CRC Handbook of Organic Analytical Reagents, Second Edition CRC Handbook of Organic Photochemistry and Photobiology CRC Handbook of Laboratory Safety, 5th Edition CRC Handbook of Laboratory Safety, 4th Edition CRC Handbook of Laboratory Safety, 3rd Edition The Entered Apprentice Handbook, The Fellow Crafts Handbook, The Higher Degrees Handbook, and The Master Mason's Handbook Image Processing and Acquisition using Python (Chapman & Hall/CRC Mathematical and Computational Imaging Sciences Series) Web 2.0 and Beyond: Principles and Technologies (Chapman & Hall/CRC Textbooks in Computing) Introduction to Modern Cryptography, Second Edition (Chapman & Hall/CRC Cryptography and Network Security Series) Machine Learning: An Algorithmic Perspective, Second Edition (Chapman & Hall/Crc Machine Learning & Pattern Recognition) Data Classification: Algorithms and Applications (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) Algorithms in Bioinformatics: A Practical Introduction (Chapman & Hall/CRC Mathematical and Computational Biology) Spatial Point Patterns: Methodology and Applications with R (Chapman & Hall/CRC Interdisciplinary Statistics) Computer Graphics Through OpenGL: From Theory to Experiments (Chapman & Hall/CRC Computer Graphics, Geometric Modeling, and Animation) Introduction to Network Security (Chapman & Hall/CRC Computer and Information Science Series) Coding Theory and Cryptography: The Essentials, Second Edition (Chapman & Hall/CRC Pure and Applied Mathematics)

Contact Us

DMCA

Privacy

FAQ & Help