



Thermoelectric Materials - New Directions & Approaches (1997)

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Review and Commentary From Booknews:

In the wake of the growing market for thermoelectric devices with higher performance and new temperature regimes, 42 papers focus on such new directions in synthesizing and characterizing materials as skutterudites, quantum-well and superlattice structures, new metal chalcogenides, rare earth systems, and quasi-crystals. Among the invited papers are Design Concepts for Improved Thermoelectric Materials, Studies of Bulk Materials for Thermoelectric Cooling, and Advanced Thermoelectric Materials and Systems for Automotive Applications in the Next Millennium.

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Publication and Pricing:

Hardcover, October 1997, 348pp.
ISBN: 1558993827

\$ 76.00



Our recommended reading list:

- [CRC Handbook of Thermoelectrics \(1995\)](#)
- [Principles of Thermoelectrics: Basics and New Materials Development \(2001\)](#)
- [Thermoelectric Materials 2000 - The Next Generation Materials for Small-Scale Refrigeration and Power Generation \(2001\)](#)
- [Semiconductors and Semimetals, Volume 69: Recent Trends in Thermoelectric Materials Research, Part One \(2000\)](#)
- [Semiconductors and Semimetals, Volume 70: Recent Trends in Thermoelectric Materials Research, Part Two \(2000\)](#)
- [Semiconductors and Semimetals, Volume 71: Recent Trends in Thermoelectric Materials Research: Part Three \(2000\)](#)
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