

Thermodynamics of Energy Conversion and Transport

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Abstrak

Thermodynamics of Energy Conversion and Transport (ISBN-13: 9780387989389 and ISBN-10: 0387989382), written by authors Stanislaw Sieniutycz, Alexis De Vos, was published by Springer in 2000. With an overall rating of 4.0 stars, it's a notable title among other Industries (Civil & Environmental, Engineering & Transportation, Engineering Textbooks, Textbooks, Mechanical, Environment, Science & Math, Science & Technology Textbooks, Business, Business & Economics Textbooks) books. You can easily purchase or rent Thermodynamics of Energy Conversion and Transport (Hardcover) from BooksRun, along with many other new and used Industries books and textbooks. And, if you're looking to sell your copy, our current buyback offer is \$65.91.

Description

Scientists and engineers are nowadays faced with the problem of optimizing complex systems subject to constraints from, ecology, economics, and thermodynamics. It is chiefly to the last of these that this volume is addressed. Intended for physicists, chemists, and engineers, the book uses examples from solar, thermal, mechanical, chemical, and environmental engineering to focus on the use of thermodynamic criteria for optimizing energy conversion and transmission. The early chapters centre on solar energy conversion, the second section discusses the transfer and conversion of chemical energy, while the concluding chapters deal with geometric methods in thermodynamics.