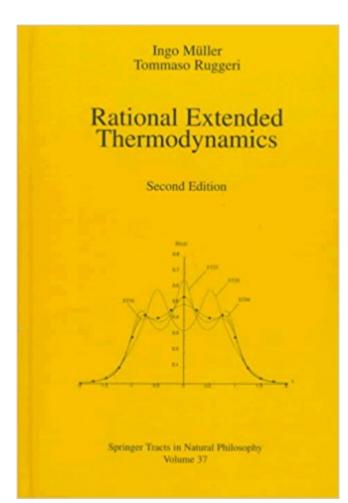


The book was found

Rational Extended Thermodynamics (Springer Tracts In Natural Philosophy)





Synopsis

THIS IS OFFICIAL PROMO TEXT AND BCC. THE AUTHORS HAVE OK'D IT. Rational extended thermodynamics explores the tenets of non- equilibrium thermodynamics in an efficient and systematic manner; the theory is relevant to processes with rapid changes and steep gradients. After describing the motifs, the early evolution, and the formal structure of this new branch of irreversible thermodynamics, the authors apply the theory to mon-atomic gases, mixtures of gases, relativistic gases, and "gases" of photons, phonons and metal electrons. The disussion brings into perspective the various phenomena called second sound and provides new insight into the role of material frame indifference under Galilean and Euclidean transformations. This new editon has been thoroughly updated and the book as a whole was revised. Much new material has been added, in particular on reacting mixtures, light scattering, radiation thermodynamics and shock wave structure. Moreover, the proximity of the theory to the mathematical theory of hyperbolic systems and to the kinetic theory of gases is revealed. Thus researchers in mathematics and physics, as well as thermodynamicists, may find the book relevant to their work.

Book Information

Series: Springer Tracts in Natural Philosophy (Book 37) Hardcover: 396 pages Publisher: Springer; 2nd edition (April 17, 1998) Language: English ISBN-10: 0387983732 ISBN-13: 978-0387983738 Product Dimensions: 1 x 6.5 x 9.8 inches Shipping Weight: 1.7 pounds (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #3,203,414 in Books (See Top 100 in Books) #89 inà Â Books > Engineering & Transportation > Engineering > Aerospace > Gas Dynamics #1236 inà Â Books > Science & Math > Physics > Dynamics > Thermodynamics #2512 inà Â Books > Textbooks > Science &

Download to continue reading...

Rational extended thermodynamics (Springer Tracts in Natural Philosophy) Robotics, Vision and Control: Fundamental Algorithms in MATLAB (Springer Tracts in Advanced Robotics) Smart and Multifunctional Concrete Toward Sustainable Infrastructures (Springer Tracts in Civil Engineering)

Robotics, Vision and Control: Fundamental Algorithms In MATLAB, Second Edition (Springer Tracts) in Advanced Robotics) Unconventional Superconductors: Experimental Investigation of the Order-Parameter Symmetry (Springer Tracts in Modern Physics) Manifesto for Philosophy: Followed by Two Essays: "the (Re)Turn of Philosophy Itself" and "Definition of Philosophy" (Suny Series, Intersections, Philosophy and Critical Theory) Thermodynamics, Statistical Thermodynamics, & Kinetics (3rd Edition) Thermodynamics, Kinetic Theory, and Statistical Thermodynamics (3rd Edition) Organizations and Organizing: Rational, Natural and Open Systems Perspectives Brain and spinal cord:: A manual for the study of the morphology and fibre-tracts of the central nervous system, Analysis and Geometry on Groups (Cambridge Tracts in Mathematics) The Volume of Convex Bodies and Banach Space Geometry (Cambridge Tracts in Mathematics) Extremes and Recurrence in Dynamical Systems (Pure and Applied Mathematics: A Wiley Series of Texts, Monographs and Tracts) To the mysterious Lorian Swamp;: An adventurous & arduous journey of exploration through the vast waterless tracts of unknown Jubaland, Chittagong Hill Tracts: Living in a Borderland Thermodynamics of Natural Systems Rational Choice in an Uncertain World: The Psychology of Judgment and Decision Making Rational Recovery: The New Cure for Substance Addiction The 25 Cognitive Biases: Uncovering The Myth Of Rational Thinking The Red Pill: Man-Woman Sex life (red pill, rational man, redpill, sex drugs, sexual health, sexuality, sexual medicine, medical help)

Contact Us

DMCA

Privacy

FAQ & Help