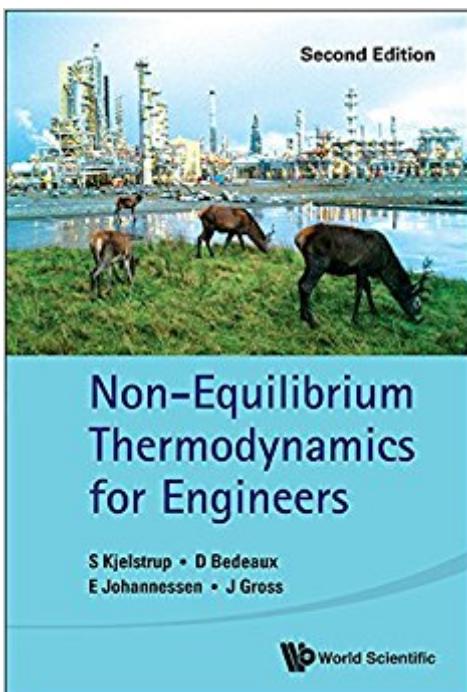


The book was found

Non-Equilibrium Thermodynamics For Engineers (Second Edition)



Synopsis

Kjelstrup, Bedeaux, Johannessen, and Gross describe what non-equilibrium thermodynamics is in a simple and practical way and how it can add to engineering design. They explain how to describe proper equations of transport that are more precise than those used so far, and how to use them to understand the waste of energy resources in central process units in the industry. The authors introduce the entropy balance as an additional equation to use in engineering; to create consistent thermodynamic models, and to systematically minimize energy losses that are connected with the transport of heat, mass, charge and momentum. Non-equilibrium Thermodynamics for Engineers teaches the essence of non-equilibrium thermodynamics and its applications at a level comprehensible to engineering students, practitioner engineers, and scientists working on industrial problems. The book may be used as a textbook in basic engineering curricula or graduate courses.

Book Information

Hardcover: 260 pages

Publisher: World Scientific Publishing Company; Second Edition edition (April 30, 2017)

Language: English

ISBN-10: 9813200308

ISBN-13: 978-9813200302

Product Dimensions: 6 x 0.8 x 9.1 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,383,146 in Books (See Top 100 in Books) #97 in Books > Science & Math > Chemistry > Electrochemistry #949 in Books > Science & Math > Physics > Dynamics > Thermodynamics #1439 in Books > Textbooks > Engineering > Chemical Engineering

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

Non-Equilibrium Thermodynamics for Engineers (Second Edition) Non-equilibrium Thermodynamics and the Production of Entropy: Life, Earth, and Beyond (Understanding Complex Systems)

Simplistic Airfoil Primer For Non-Engineers & Non-Aerodynamicists Thermodynamics, Statistical

Thermodynamics, & Kinetics (3rd Edition) Thermodynamics, Kinetic Theory, and Statistical

Thermodynamics (3rd Edition) Schaums Outline of Thermodynamics for Engineers, 3rd Edition

(Schaum's Outlines) Jeff Koons: One Ball Total Equilibrium Tank (Afterall Books / One Work)

Fundamentals of Biomechanics: Equilibrium, Motion, and Deformation Equilibrium Unemployment Theory (MIT Press) Theory of Value: An Axiomatic Analysis of Economic Equilibrium (Cowles

Foundation Monographs Series) Physics for Scientists and Engineers, Vol. 1, 6th: Mechanics, Oscillations and Waves, Thermodynamics, Thermodynamics for Engineers Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Camping With the Corps of Engineers: The Complete Guide to Campgrounds Built and Operated by the U.S. Army Corps of Engineers (Wright Guides) Tiny House Engineers Notebook: Volume 1, Off Grid Power: Tiny House Engineers Notebook: Volume 1, Off Grid Power Physics for Scientists and Engineers: Vol. 2: Electricity and Magnetism, Light (Physics, for Scientists & Engineers, Chapters 22-35) The Wright Guide to Camping With the Corps of Engineers: The Complete Guide to Campgrounds Built and Operated by the U.S. Army Corps of Engineers (Wright Guides) Taber's Cyclopedic Medical Dictionary (Non-thumb-indexed Version) (Taber's Cyclopedic Medical Dictionary (Non-Indexed Version)) 21st Edition Bitcoin: The Ultimate Guide From Beginner To Expert: Step-by-Step Guide for Engineers, Investors, Business Executives and Non-technical Users A Broadcast Engineering Tutorial for Non-Engineers

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)