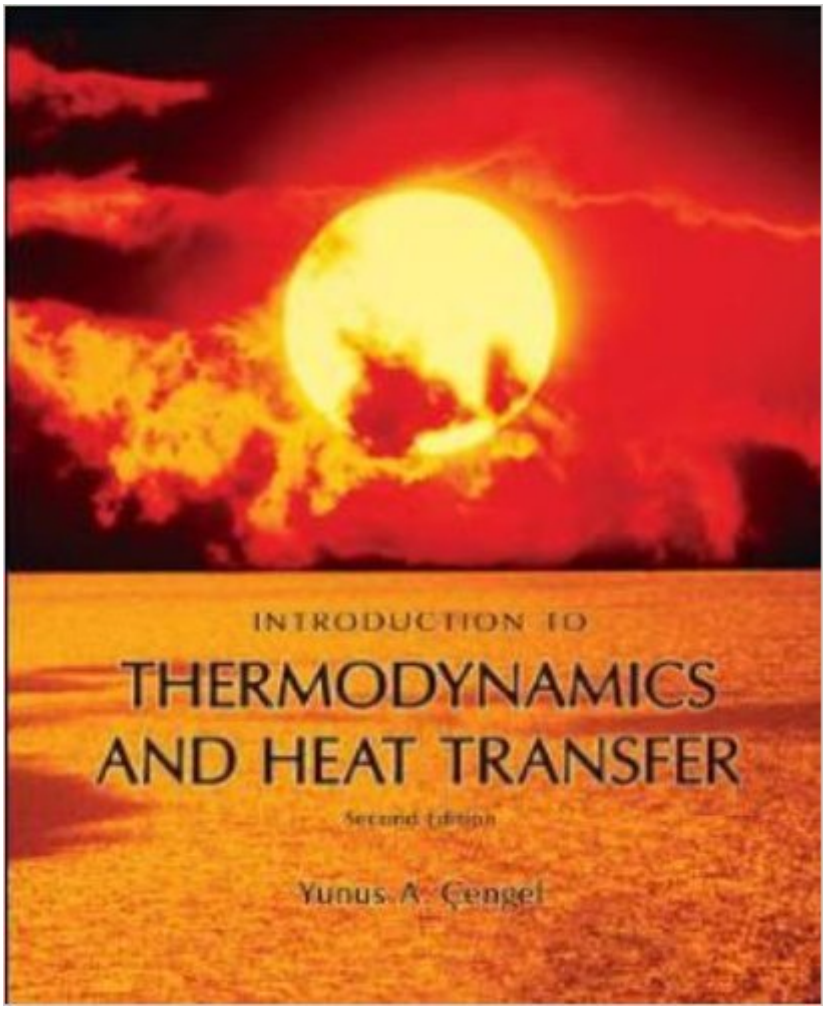
Introduction To Thermodynamics And Heat Transfer + EES Software



Synopsis

Introduction to Thermodynamics and Heat Transfer provides balanced coverage of the basic concepts of thermodynamics and heat transfer.Together with the clear an numerous illustrations, student-friendly writing style, and manageable math, this is an ideal text for an introductory thermal science course for non-mechanical engineering majors. Continuing in the tradition of Cengel/Boles: Thermodynamics, this lavishly illustrated text presents the key topics in thermodynamics and heat transfer, in a highly accessible student-friendly fashion. The flexibly organized text can accommodate courses that spend anywhere from 1/3rd to 2/3rds or more of class time on thermodynamics and the rest on key heat transfer topics. The intuitive approach is supported by a wealth of physical explanations and analogies that draw parallels between the subject and the students' everyday experiences. Many of the 150 thoroughly worked out examples and almost 2,000 real-world problems, highlight applications from civil and electrical engineering. Over 1,000 illustrations help students visualize concepts,This approach and contents make this text an ideal resource for introduction to thermodynamics and/or thermal science courses intended for non-mechanical engineering majors.

Book Information

Hardcover: 880 pages
Publisher: McGraw-Hill Education; 2 edition (September 12, 2007)
Language: English
ISBN-10: 0077235657
ISBN-13: 978-0077235659
Product Dimensions: 9.7 x 1.6 x 10.3 inches
Shipping Weight: 1.6 pounds (View shipping rates and policies)
Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)
Best Sellers Rank: #439,967 in Books (See Top 100 in Books) #183 inÂ Books > Science & Math > Physics > Dynamics > Thermodynamics #391 inÂ Books > Textbooks > Science & Mathematics > Mechanics #680 inÂ Books > Textbooks > Engineering > Mechanical Engineering

Customer Reviews

I have been pleasantly surprised with the clarity and breadth of this book.. Great for non engineers as well... Wish my thermo textbook had been half this good!!!

Book in pretty good shape, however the binding had a small rip on the top that wasn't disclosed

nothing a little tape couldn’t fix though.

had to get this book for school. . Good price! needed it for the class. Glad it was available here!

Introduction to Thermodynamics and Heat Transfer + EES Software Create with Transfer Artist Paper: Use TAP to Transfer Any Image onto Fabric, Paper, Wood, Glass, Metal, Clay & More! Heat Transfer MP for Convective Heat & Mass Transfer Surreptitious Software: Obfuscation, Watermarking, and Tamperproofing for Software Protection: Obfuscation, Watermarking, and Tamperproofing for Software Protection Software Engineering Classics: Software Project Survival Guide/ Debugging the Development Process/ Dynamics of Software Development (Programming/General) Thermodynamics and an Introduction to Thermostatistics Thermodynamics of Pharmaceutical Systems: An introduction to Theory and Applications The Laws of Thermodynamics: A Very Short Introduction Introduction to Chemical Engineering Thermodynamics (The Mcgraw-Hill Chemical Engineering Series) Real Estate Transfer, Finance and Development: Cases and Materials, 9th Edition (American Casebook) German Shortcut: Transfer your Knowledge from English and Speak Instant German! Critical Concerns in Transfer Pricing and Practice Private Capital Markets, + Website: Valuation, Capitalization, and Transfer of Private Business Interests Private Capital Markets: Valuation, Capitalization, and Transfer of Private Business Interests Transfer Pricing: Rules, Compliance and Controversy (Third Edition) Taxing Multinationals: Transfer Pricing and Corporate Income Taxation in North America Physics for Scientists and Engineers, Vol. 1: Mechanics, Oscillations and Waves, Thermodynamics (Physics for Scientists & Engineers, Chapters 1-21) Quilt Labels for All Occasions 2: 65 Iron-On Transfer & Trace-On Labels! Fabric Surface Design: Painting, Stamping, Rubbing, Stenciling, Silk Screening, Resists, Image Transfer, Marbling, Crayons & Colored Pencils, Batik, Nature Prints, Monotype Printing