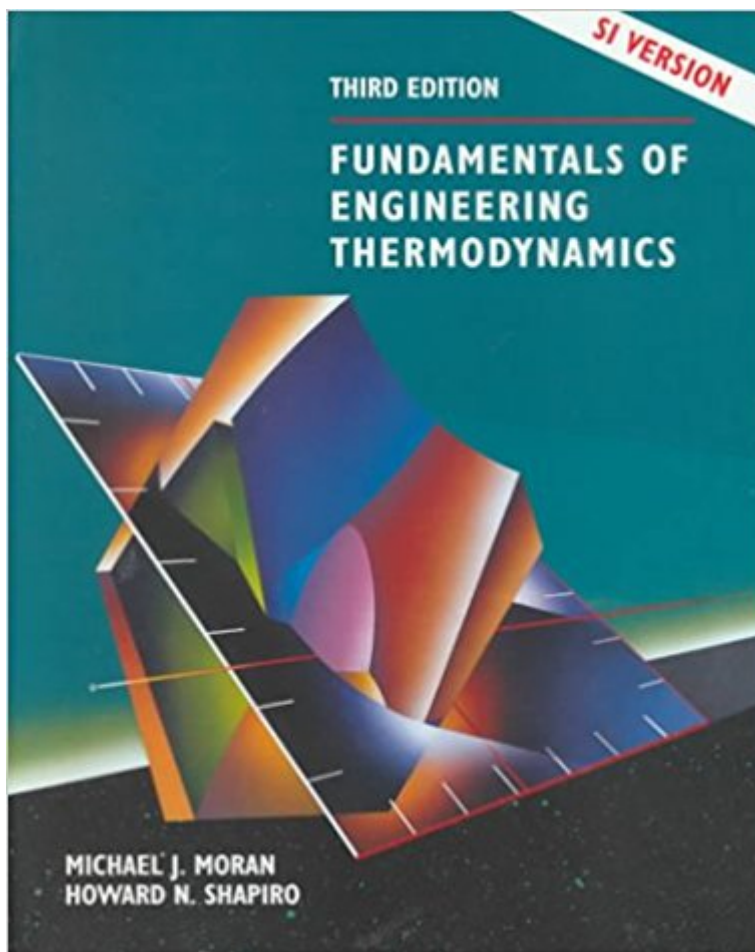


The book was found

Fundamentals Of Engineering Thermodynamics, SI Version



Synopsis

Presents a comprehensive and rigorous treatment of the subject from the classical perspective to offer a problem-solving methodology that encourages systematic thinking. Noted for its treatment of the second law, this text clearly presents both theory and application. The presentation of chemical availability has been extended by a cutting-edge discussion of standard chemical availability. Design applications and problems have been updated to include economic considerations. Environmental topics have also been expanded and updated. The new version of Interactive Thermodynamics (IT) is a powerful windows-based software program that now includes equation-solver, printing, graphing, data retrieval and simulation capabilities.

Book Information

Paperback: 814 pages

Publisher: Wiley; 3 edition (July 7, 1998)

Language: English

ISBN-10: 0471979600

ISBN-13: 978-0471979609

Product Dimensions: 8 x 1.5 x 10.1 inches

Shipping Weight: 3.1 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #5,658,763 in Books (See Top 100 in Books) #56 in [Books > Science & Math > Physics > Engineering](#) #2261 in [Books > Science & Math > Physics > Dynamics > Thermodynamics](#) #4438 in [Books > Textbooks > Science & Mathematics > Mechanics](#)

Customer Reviews

"...excellent sources for thermodynamics undergraduate" (The Aeronautical Journal, February 2007) --This text refers to an out of print or unavailable edition of this title.

Now with an even stronger pedagogical framework, Moran and Shapiro's Fifth Edition of Fundamentals of Engineering Thermodynamics (SI Version) presents a comprehensive treatment of engineering thermodynamics, enabling students to develop a deeper, more complete understanding of subject. **Key features:** Includes worked examples and over 1200 end-of-chapter questions. **New Thermodynamics in the News** items tie reports from the popular press, such as fuel cells, to concepts covered in the text. A strong problem solving methodology encourages readers to develop an orderly approach to problem solving, to think systematically and to reduce typical errors.

End of chapter material builds problem solving skills in three modes: Conceptual (Exercises: Things Engineers Think About); Skill Building (Problems: Developing Engineering Skills); and Exploration (Design and Open-Ended Problems: Exploring Engineering Practice). Supplementary material for students and lecturers is provided on an accompanying website. Design/Open-Ended Problems provide brief design experiences that provide opportunities to think creatively, apply constraints and consider alternatives. Thorough development of the second law, featuring the entropy production concept and exergy analysis, provides a state-of-the-art introduction to second law analysis. --This text refers to an out of print or unavailable edition of this title.

Very well written book. I've been using this book to review concepts I studied 15 years ago.

Recommended for an entry point. Clear and a lot of exercises with solutions if you get access to the solution manual.

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

Fundamentals of Engineering Thermodynamics: English/SI Version/With Diskette Fundamentals of Engineering Thermodynamics, SI Version Fundamentals of Chemical Engineering Thermodynamics (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)

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

Thermodynamics Fundamentals of Engineering Thermodynamics, 8th Edition Fundamentals of Engineering Thermodynamics, 7th Edition Appendices to accompany Fundamentals of Engineering

Thermodynamics, 8e Engineering Thermodynamics: Fundamentals and Applications

Thermodynamics: An Engineering Approach (Mechanical Engineering) Introduction to Chemical Engineering Thermodynamics (The McGraw-Hill Chemical Engineering Series) Engineering

Fundamentals: An Introduction to Engineering (Activate Learning with these NEW titles from Engineering!) Loose-leaf Version for Fundamentals of Abnormal Psychology 8e & LaunchPad for

Fundamentals of Abnormal Psychology 8e (6 month access) Study Guide for Fundamentals of Engineering (FE) Electrical and Computer CBT Exam: Practice over 400 solved problems based on

NCEES[®] FE CBT Specification Version 9.4 Fundamentals of Engineering (FE) Electrical and Computer - Practice Exam # 1: Full length practice exam containing 110 solved problems based on

NCEES[®] FE CBT Specification Version 9.4 Fundamentals of Materials Science and

Engineering: An Integrated Approach 5e Binder Ready Version + WileyPLUS Registration Card

Fundamentals of Thermodynamics Fundamentals of Physics: Mechanics, Relativity, and

Thermodynamics (The Open Yale Courses Series) Fundamentals of Thermodynamics, 8th Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)