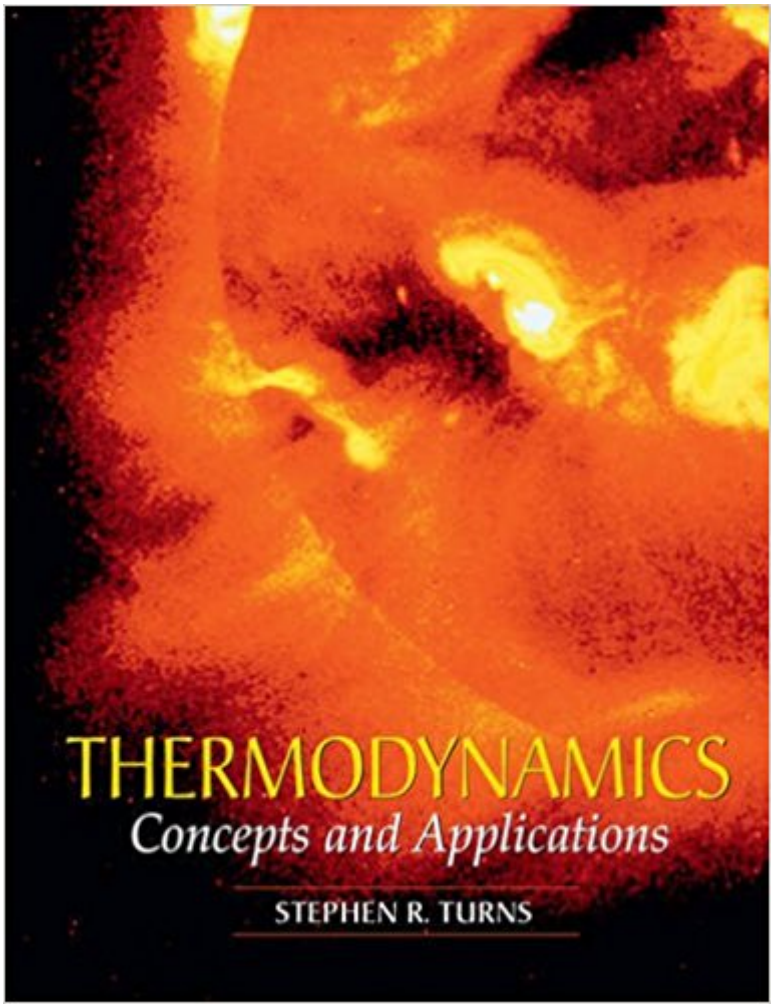
Thermodynamics: Concepts And Applications



Synopsis

Although the focus of this textbook is on traditional thermodynamics topics, the book is concerned with introducing the thermal-fluid sciences as well. It is designed for the instructor to select topics and seamlessly combine them with material from other chapters. Pedagogical devices include: learning objectives, chapter overviews and summaries, historical perspectives, and numerous examples, questions, problems and lavish illustrations. Students are encouraged to use the National Institute of Science and Technology (NIST) online properties database.

Book Information

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Customer Reviews

"Thermodynamics can, perhaps, sometimes appear a bit of an old, somewhat involved and not very lively subject. This book demonstrates magnificently that it is a hot topic of great relevance to all aspects of technology. In a truly Herculean effort, Stephen Turns has produced a book that seems to make it impossible not to become first curious and then very well versed in the applications of thermodynamics to engineering. I think the book is ideal for any undergraduate course. It can be studied at various levels and will be an excellent source of motivation and inspiration for students...."Henrik Jeldtoft Jensen is professor of mathematical physics, Imperial College London

The focus of Thermodynamic Concepts and Applications is on traditional thermodynamics topics, while structurally the book introduces the thermal-fluid sciences. 2nd law topics are introduced hierarchically in one chapter, important structure for a beginner. The book is designed for the

instructor to select topics and combine them with material from other chapters seamlessly. Pedagogical devices include: learning objectives, chapter overviews and summaries, historical perspectives, and numerous examples, questions and problems and lavish illustrations. Students are encouraged to use the National Institute of Science and Technology (NIST) online properties database.

This is a textbook so what can you expect? It's boring at times and has lots of practice problems. I would say the practice problems are challenging, but not difficult. Definitely one of the better textbooks I've had to learn from.

No recommended but gets the job done. Look for another book. This is cheap but.... nope.The detail and organization is not there.

I was disappointed. Book purchased was represented as New condition, but it arrived with a damaged cover and the spline was already broken. It also had moisture damage -- probably from damp storage over the years. This was my first time purchase through and I likely will not purchase again through -- it misrepresents the condition.

I have not received the book yet but I have some free chapters samples. I'm a teacher and I think that this is the best text book to design a proper Thermodynamics course, the application examples and the practical point of view of the thermodynamics thehory have convinced me that this is a very nice purchase. I hope to complete my opinion when I have it.

Took awhile to ship but still came when it said it would. Exactly what i needed. Thanks.

(Multivariate Applications Series) Fundamentals of Thermodynamics and Applications: With Historical Annotations and Many Citations from Avogadro to Zermelo Engineering Thermodynamics: Fundamentals and Applications Chemical Thermodynamics: Principles and Applications Schaum's Outline of Thermodynamics With Chemical Applications (Schaum's Outline Series) Engineering Thermodynamics With Applications Abraham's the Forms and Functions of Tort Law: An Analytical Primer on Cases and Concepts (2nd Edition) (Concepts and Insights Series) Concepts and Case Analysis in the Law of Contracts (Concepts and Insights) Fundamental Nursing Skills and Concepts (Timby, Fundamnetal Nursing Skills and Concepts) Federal Income Taxation, 12th (Concepts & Insights) (Concepts and Insights) Wiley CPAexcel Exam Review April 2017 Study Guide: Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2015 Study Guide (January): Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2016 Study Guide January: Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts)