

Marcet Boiler Thermodynamics

The Thermodynamics of Heat-engines
 Thermodynamics
 Fundamentals of Classical Thermodynamics
 Engineering Thermodynamics
 The Principles of Thermodynamics
 Heat Transfer in Steam Boiler Furnaces
 Applied Thermodynamics for Engineers
 Basic Thermodynamics
 Thermodynamics, Abridged
 Thermodynamics
 Engineering Thermodynamics
 The theory of vapors
 Engineering Thermodynamics
 Heat and Thermodynamics
 Heat and Heat-engines
 Thermal Engineering
 Basic Engineering Thermodynamics
 Engineering Thermodynamics with Applications
 Engineering Thermodynamics
 Thermodynamics Applied to Engineering
 Thermodynamics
 Heat Engineering
 Thermodynamics of the Steam-engine and Other Heat-engines
 A Text Book of Engineering Thermodynamics
 Notes on Heat and Steam
 Thermodynamics of the Steam Turbine
 Thermodynamics:
 Fundamentals of Heat Engineering and Hydraulics
 Thermodynamics of the Steam-Engine and Other Heat-Engines
 Practical Thermodynamics
 Thermodynamics
 On the Conversion of Heat Into Work
 Thermodynamics
 Applied Thermodynamics
 The Principles of Thermodynamics
 Engineering Thermodynamics
 The Steam Engine Considered as a Thermodynamic Machine
 Problems in Thermodynamics and Steam Power Plant Engineering
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The Thermodynamics of Heat-engines Prentice Hall

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Thermodynamics Hardpress Publishing

A bestselling textbook, this edition features a fresh, two-color design, expanded problem sections with over 50% new design applications, updated content areas and new computer aided thermodynamics software included with each copy.

Fundamentals of Classical Thermodynamics I. K. International Pvt Ltd

Engineering Thermodynamics has been designed for students of all branches of engineering specially undergraduate students of Mechanical Engineering. The book will also serve as reference manual for practising engineers. The book has been written in simple language and systematically

develops the concepts and principles essential for understanding the subject. The text has been supplemented with solved numerical problems, illustrations and question banks. The present book has been divided in five parts: Thermodynamic Laws and Relations Properties of Gases and Vapours Thermodynamics Cycles Heat Transfer and Heat Exchangers Annexures

Engineering Thermodynamics Longman Publishing Group

This is a useful reference book focusing on state-of-the-art concepts explaining the mechanisms of the process as well as basic engineering methodologies for calculating heat transfer in furnaces firing pulverized coal, gas, and fuel oil. Solving these problems is especially relevant to high reliability and efficiency in furnace chambers. One of the most complex problems in heat transfer analysis is the calculation of heat transfer. That is why this book provides such extensive material on the conditions of combustion, motion of gases and mass transfer when burning different fuels. The accuracy of such data as thermophysical properties of a layer of impurities on waterwall tubes as well as the radiative properties of flame, especially of its solid particles is imperative and therefore studied in this book.

The Principles of Thermodynamics Pearson Education India

This work covers in a comprehensive and coherent manner, fundamentals of thermodynamics and their engineering applications. Beginning with elementary ideas of pressure, temperature and heat it develops the laws of thermodynamics from experimental and engineering backgrounds.

Heat Transfer in Steam Boiler Furnaces Bookboon

Designed for undergraduate students of mechanical engineering, Thermodynamics offers a lucid treatment of the concepts dealt with in their core paper on thermodynamics. It is an easily readable and compact book that covers all topics that are relevant to a basic course on thermodynamics without any let up on academic rigor required for a thorough understanding of the subject.

Applied Thermodynamics for Engineers Pearson Education India

This book differs from other thermodynamics texts in its objective which is to provide engineers with the concepts, tools, and experience needed to solve practical real-world energy problems. The presentation integrates computer tools (e.g., EES) with thermodynamic concepts to allow engineering students and practising engineers to solve problems they would otherwise not be able to solve. The use of examples, solved and explained in detail, and supported with property diagrams that are drawn to scale, is ubiquitous in this textbook. The examples are not trivial, drill problems, but rather complex and timely real world problems that are of interest by themselves. As with the presentation, the solutions to these examples are complete and do not skip steps. Similarly the book includes numerous end of chapter problems, both typeset and online. Most of these problems are more detailed than those found in other thermodynamics textbooks. The supplements include complete solutions to all exercises, software downloads, and additional content on selected topics. These are available at the book web site www.cambridge.org/KleinandNellis.

Basic Thermodynamics HarperCollins Publishers

Thermodynamics is designed for the first course on thermodynamics offered to undergraduate students of mechanical engineering. The book

presents the Macroscopic (classical) and Microscopic (Statistical) thermodynamics including applications to power cycles, and aims to create an analytical mind in the reader to solve problems.

Thermodynamics, Abridged Cambridge University Press

Thermodynamics New Age International

Engineering Thermodynamics Alpha Science Int'l Ltd.

The theory of vapors

Engineering Thermodynamics

Heat and Thermodynamics

Heat and Heat-engines

Thermal Engineering

Basic Engineering Thermodynamics

Engineering Thermodynamics with Applications

Engineering Thermodynamics

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