

# Engineering Thermodynamics Solved Problems

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**Fundamentals of Chemical Engineering Thermodynamics** - Kevin D. Dahm 2014-01-01  
A brand new book, FUNDAMENTALS OF CHEMICAL ENGINEERING THERMODYNAMICS makes the abstract subject of chemical

engineering thermodynamics more accessible to undergraduate students. The subject is presented through a problem-solving inductive (from specific to general) learning approach, written in a conversational and approachable

manner. Suitable for either a one-semester course or two-semester sequence in the subject, this book covers thermodynamics in a complete and mathematically rigorous manner, with an emphasis on solving practical engineering problems. The approach taken stresses problem-solving, and draws from best practice engineering teaching strategies. FUNDAMENTALS OF CHEMICAL ENGINEERING THERMODYNAMICS uses examples to frame the importance of the material. Each topic begins with a motivational example that is investigated in context to that topic. This framing of the material is helpful to all readers, particularly to global learners who require big picture insights, and hands-on learners who struggle with abstractions. Each worked example is fully annotated with sketches and comments on the thought process behind the solved problems. Common errors are presented and explained. Extensive margin notes add to the book accessibility as well as presenting opportunities for investigation.

Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Principles of Engineering Thermodynamics, SI Edition** - John R. Reisel 2021-02-16

Master the fundamentals of thermodynamics and learn how to apply these skills in engineering practice today with Reisel's PRINCIPLES OF ENGINEERING THERMODYNAMICS, SI, 2nd Edition. This edition's informal writing style helps make abstract concepts easier to understand. In addition to mastering fundamental principles and applications, you explore the impact of different system parameters on the performance of devices and processes. For example, you study how changing outlet pressure in a turbine changes the power produced or how the power requirement of a compressor varies with inlet temperature. This unique approach strengthens your understanding of how different components of thermodynamics interrelate, while demonstrating how you will use thermodynamics

in your engineering career. You also learn to develop computer-based models of devices, processes and cycles as well as practice using internet-based programs and computer apps to find thermodynamic data, exactly like today's practicing engineers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Thermodynamics Problem Solver - Max Fogiel 1984

REA's Thermodynamics Problem Solver Each Problem Solver is an insightful and essential study and solution guide chock-full of clear, concise problem-solving gems. Answers to all of your questions can be found in one convenient source from one of the most trusted names in reference solution guides. More useful, more practical, and more informative, these study aids are the best review books and textbook companions available. They're perfect for undergraduate and graduate studies. This highly

useful reference provides thorough coverage of pressure, work and heat, energy, entropy, first and second laws, ideal gas processes, vapor refrigeration cycles, mixtures, and solutions. For students in engineering, physics, and chemistry. *Advanced Engineering Thermodynamics* - Adrian Bejan 2016-09-19

An advanced, practical approach to the first and second laws of thermodynamics *Advanced Engineering Thermodynamics* bridges the gap between engineering applications and the first and second laws of thermodynamics. Going beyond the basic coverage offered by most textbooks, this authoritative treatment delves into the advanced topics of energy and work as they relate to various engineering fields. This practical approach describes real-world applications of thermodynamics concepts, including solar energy, refrigeration, air conditioning, thermofluid design, chemical design, constructal design, and more. This new fourth edition has been updated and expanded to

include current developments in energy storage, distributed energy systems, entropy minimization, and industrial applications, linking new technologies in sustainability to fundamental thermodynamics concepts. Worked problems have been added to help students follow the thought processes behind various applications, and additional homework problems give them the opportunity to gauge their knowledge. The growing demand for sustainability and energy efficiency has shined a spotlight on the real-world applications of thermodynamics. This book helps future engineers make the fundamental connections, and develop a clear understanding of this complex subject. Delve deeper into the engineering applications of thermodynamics Work problems directly applicable to engineering fields Integrate thermodynamics concepts into sustainability design and policy Understand the thermodynamics of emerging energy technologies Condensed introductory chapters allow students to quickly review the

fundamentals before diving right into practical applications. Designed expressly for engineering students, this book offers a clear, targeted treatment of thermodynamics topics with detailed discussion and authoritative guidance toward even the most complex concepts. Advanced Engineering Thermodynamics is the definitive modern treatment of energy and work for today's newest engineers.

**Engineering Thermodynamics** - M. David Burghardt 1999

Here is a comprehensive and comprehensible treatment of engineering thermodynamics from its theoretical foundations to its applications in real situations. The thermodynamics presented will prepare students for later courses in fluid mechanics and heat transfer, and practicing engineers will find the applications helpful in their professional work. The book is appropriate for an introductory undergraduate course in thermodynamics and for a subsequent course in thermodynamic applications. The chapters

dealing with steam power plants, internal combustion engines, and HVAC are unmatched. The introductory chapter on turbomachinery is also unique. A thorough development of the second law of thermodynamics is provided in chapters 7-9. The ramifications of the second law receive thorough discussion; the student not only performs calculations, but understands the implications of the calculated results. Computer models created in TK Solver accompany each chapter and are particularly useful in the application areas. The TK Solver files provided with the book can be used as written or modified and merged into models developed to analyze new problems. The book has two particularly important strengths: its readability and the depth of its treatment of applications. The readability will make the content understandable to the average students; the depth in applications will make the book suitable for applied upper-level courses as well.

*Principles of Engineering Thermodynamics* - John

R. Reisel 2021-01-01

Master the fundamentals of thermodynamics and learn how to apply these skills in engineering practice today with Reisel's PRINCIPLES OF ENGINEERING THERMODYNAMICS, 2nd Edition. This edition's informal writing style helps make abstract concepts easier to understand. In addition to mastering fundamental principles and applications, you explore the impact of different system parameters on the performance of devices and processes. For example, you study how changing outlet pressure in a turbine changes the power produced or how the power requirement of a compressor varies with inlet temperature. This unique approach strengthens your understanding of how different components of thermodynamics interrelate, while demonstrating how you will use thermodynamics in your engineering career. You also learn to develop computer-based models of devices, processes and cycles as well as practice using internet-based programs and computer apps to

find thermodynamic data, exactly like today's practicing engineers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

### **Chemical and Engineering Thermodynamics**

- Stanley I. Sandler 1977

A More Accessible Approach to Thermodynamics

In this third edition, you'll find a modern approach to applied thermodynamics. The material is presented in sufficient detail to provide a solid understanding of the principles of thermodynamics and its classical applications. Also included are the applications of chemical engineering thermodynamics to issues such as the distribution of chemicals in the environment, safety, polymers, and solid-state-processing. To make thermodynamics more accessible, several helpful features are included. Important concepts are emphasized in marginal notes throughout each chapter. Illustrations have also been added to demonstrate the use of these concepts and to

provide a better understanding of the material. Boxes are used to highlight equations so that students can easily identify the end results of analyses. You can also visit the text's web site to download additional problem sets, computer programs to solve thermodynamic and phase behavior problems, and Mathcad(r) worksheets used for problem solving.

**Engineering Thermodynamics** - R. K. Rajput  
2010

Mechanical Engineering

*Solved Problems in Thermodynamics and*

*Statistical Physics* - Gregor Skačej 2019-11-09

This book contains a modern selection of about 200 solved problems and examples arranged in a didactic way for hands-on experience with course work in a standard advanced undergraduate/first-year graduate class in thermodynamics and statistical physics. The principles of thermodynamics and equilibrium statistical physics are few and simple, but their application often proves more involved than it may seem at

first sight. This book is a comprehensive complement to any textbook in the field, emphasizing the analogies between the different systems, and paves the way for an in-depth study of solid state physics, soft matter physics, and field theory.

#### Thermodynamics - William Z. Black 1996

The third edition of Thermodynamics provides an easily understandable presentation of classical thermodynamics that builds on the student's background of energy concepts first learned in physics and chemistry. The material is organized in a logical progression from the conservation of mass, the conservation of energy, and the second law. The engineering perspective is retained and a variety of familiar examples are used so that the student can appreciate how thermodynamics affects a broad range of subjects. The authors continue to emphasize a systematic approach to problem solving and that approach is used in all example problems in the text. This problem solving method provides not

only a reasonable way to approach the task of solving thermodynamics problems, but it also will serve the student in other engineering and science disciplines. Each example is worked in detail, and particular attention has been given to the proper use of units and unit conversions in the solutions. Detailed explanations accompany the simplifications when the general equations are reduced to the forms that apply to special cases so that the student will gain a better understanding of the conservation principles as well as greater awareness of these powerful analytical tools. Examples address the questions of which form of the conservation laws should be used and why certain assumptions can be applied to simplify the solutions. Believing that second-law analysis should play a major role in the analysis of engineering problems, the authors provide extensive coverage of the second law of thermodynamics. The development of the second law is similar to that used for the introduction of the conservation of mass and energy. The results

of the second law are carried over into subsequent chapters where they are applied to thermodynamic systems such as power and refrigeration cycles as well as air-conditioning processes.

### **A Textbook of Engineering Thermodynamics**

- B.B. Ghosh, P.C. Roy, Satyajit Chakrabarti & Samir Ghosh 2014

Thermodynamics being one of the basic subjects in all engineering disciplines there are umpteen books on it. The main aim of this one is to make the subject effortless for the students and help them pass the examination with flying colours. For this reason, the text has been kept short and simple and the book provides a heavy dose of solved examples, MCQs, review questions and numerical problems to hone the problem-solving skills. It has been written in such a style that the students of all streams, be it mechanical, chemical, electrical or civil, will find it comprehensible. The book covers the syllabuses of degree classes of most Indian universities. It is

designed to serve both levels—the basic as well as applied thermodynamics—to give a new dimension to the learning of thermodynamics. Key Features • More than 225 Solved Examples • More than 240 MCQs • More than 210 Review Questions • More than 210 Numerical Problems *200 Solved Problems in Mechanical Engineering Thermodynamics* - P. E. Liley 1989

*Fundamentals of Chemical Engineering Thermodynamics, SI Edition* - Kevin D. Dahm 2014-02-21

A brand new book, FUNDAMENTALS OF CHEMICAL ENGINEERING THERMODYNAMICS makes the abstract subject of chemical engineering thermodynamics more accessible to undergraduate students. The subject is presented through a problem-solving inductive (from specific to general) learning approach, written in a conversational and approachable manner. Suitable for either a one-semester course or two-semester sequence in the subject,



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**Problems and Solutions on  
Thermodynamics and Statistical Mechanics**

- Yung-kuo Lim 1990

Volume 5.

*Fundamentals of Engineering Thermodynamics* -

Michael J. Moran 2010-12-07

This leading text in the field maintains its engaging, readable style while presenting a broader range of applications that motivate engineers to learn the core thermodynamics concepts. Two new coauthors help update the material and integrate engaging, new problems. Throughout the chapters, they focus on the relevance of thermodynamics to modern engineering problems. Many relevant engineering based situations are also presented to help engineers model and solve these problems.

Chemical Engineering Thermodynamics - RAO  
1997

*Thermodynamics and Chemistry* | - Howard DeVoe 2019

*Solved Problems in Thermodynamics* - Adrian Bejan 1976

### Introductory Chemical Engineering

Thermodynamics - J. Richard Elliott 2012-02-06

A Practical, Up-to-Date Introduction to Applied Thermodynamics, Including Coverage of Process Simulation Models and an Introduction to Biological Systems Introductory Chemical Engineering Thermodynamics, Second Edition, helps readers master the fundamentals of applied thermodynamics as practiced today: with extensive development of molecular perspectives that enables adaptation to fields including biological systems, environmental applications, and nanotechnology. This text is distinctive in making molecular perspectives accessible at the introductory level and connecting properties with practical implications. Features of the second

edition include Hierarchical instruction with increasing levels of detail: Content requiring deeper levels of theory is clearly delineated in separate sections and chapters Early introduction to the overall perspective of composite systems like distillation columns, reactive processes, and biological systems Learning objectives, problem-solving strategies for energy balances and phase equilibria, chapter summaries, and “important equations” for every chapter Extensive practical examples, especially coverage of non-ideal mixtures, which include water contamination via hydrocarbons, polymer blending/recycling, oxygenated fuels, hydrogen bonding, osmotic pressure, electrolyte solutions, zwitterions and biological molecules, and other contemporary issues Supporting software in formats for both MATLAB® and spreadsheets Online supplemental sections and resources including instructor slides, ConcepTests, coursecast videos, and other useful resources

*Engineering Thermodynamics Solutions Manual* -

**Chemical Engineering Thermodynamics Through Solved Problems** - G. L. Pandey 1988

**Thermodynamics** - Sanford Klein 2011-10-10

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](http://www.cambridge.org/KleinandNellis).

**Modern Engineering Thermodynamics** -

Robert T. Balmer 2011-01-25

Modern Engineering Thermodynamics is designed for use in a standard two-semester engineering thermodynamics course sequence. The first half of the text contains material suitable for a basic Thermodynamics course taken by engineers from all majors. The second half of the text is suitable for an Applied Thermodynamics course in mechanical engineering programs. The text has numerous features that are unique among engineering textbooks, including historical vignettes, critical thinking boxes, and case studies. All are designed to bring real

engineering applications into a subject that can be somewhat abstract and mathematical. Over 200 worked examples and more than 1,300 end of chapter problems provide opportunities to practice solving problems related to concepts in the text. Provides the reader with clear presentations of the fundamental principles of basic and applied engineering thermodynamics. Helps students develop engineering problem solving skills through the use of structured problem-solving techniques. Introduces the Second Law of Thermodynamics through a basic entropy concept, providing students a more intuitive understanding of this key course topic. Covers Property Values before the First Law of Thermodynamics to ensure students have a firm understanding of property data before using them. Over 200 worked examples and more than 1,300 end of chapter problems offer students extensive opportunity to practice solving problems. Historical Vignettes, Critical Thinking boxes and Case Studies throughout the book

help relate abstract concepts to actual engineering applications. For greater instructor flexibility at exam time, thermodynamic tables are provided in a separate accompanying booklet. Available online testing and assessment component helps students assess their knowledge of the topics. Email [textbooks@elsevier.com](mailto:textbooks@elsevier.com) for details.

2000 Solved Problems in Mechanical Engineering Thermodynamics - P. E. Liley 1989

Sample problems cover a review of such topics as thermodynamic properties of fluids, steady and transient flows, carnot, gas and vapor cycles, psychrometry, refrigeration, combustion and miscellaneous topics

**Introduction To Mechanical Engineering: Thermodynamics, Mechanics And Strength Of Material** - Onkar Singh 2006

This Book Is The Systematic Presentation Of The Concepts And Principles Essential For Understanding Engineering Thermodynamics, Engineering Mechanics And Strength Of

Materials. Textbook Covers The Complete Syllabus Of Compulsory Subject Of Mechanical Engineering Of Uttar Pradesh Technical University, Lucknow In Particular And Other Universities Of The Country In General For Undergraduate Students Of Engineering And Technology. \* Basic Concepts And Laws Of Thermodynamics Have Been Clearly Explained Using A Large Number Of Solved Problems \* Entropy, Properties Of Pure Substances, Thermodynamic Cycles And Ic Engines Are Described In Detail. Steam Tables And mollier Diagram Is Included \* Principles Of Engineering Mechanics Have Been Discussed In Detail And Supported By Sufficient Number Of Solved And Unsolved Problems \* Simple And Compound Stresses Are Discussed At Length \* Bending Stresses In Beam And Torsion Have Been Covered In Detail \* Large Number Of Solved And Unsolved Problems With Answers Are Given At The End Of Each Chapter \* SI Units Are Used Throughout The Book

*2500 Solved Problems in Mechanical Engineering Thermodynamics* Peter E. Liley - Peter E. Liley  
1989

Thermodynamics and Energy Systems Analysis -  
Lucien Borel 2012-02-21

This book illustrates the basic concepts of phenomenological thermodynamics and how to move from theory to practice by considering problems in the fields of thermodynamics and energy-systems analysis. Many subjects are handled from an energetics or exergetics angle: calorimeters, evaporators, condensers, flow meters, sub or supersonic nozzles, etc  
*Schaums Outline of Thermodynamics for Engineers, Fourth Edition* - Merle Potter  
2019-10-22

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Tough Test Questions? Missed Lectures? Not Enough

Time? Fortunately, there's Schaum's. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. Schaum's Outline of Thermodynamics for Engineers, Fourth Edition is packed with four sample tests for the engineering qualifying exam, hundreds of examples, solved problems, and practice exercises to test your skills. This updated guide approaches the subject in a more concise, ordered manner than most standard texts, which are often filled with extraneous material. Schaum's Outline of Thermodynamics for Engineers, Fourth Edition features:

- 889 fully-solved problems
- 4 sample tests for the engineering qualifying exam
- An accessible review of thermodynamics
- Chapter on

refrigeration cycles

- Nomenclature reflecting current usage
- Support for all the major leading textbooks in thermodynamics
- Content that is appropriate for Thermodynamics, Engineering Thermodynamics, Principles of Thermodynamics, Fundamentals of Thermodynamics, and Thermodynamics I & II courses

PLUS: Access to the revised Schaums.com website and new app, containing 20 problem-solving videos, and more. Schaum's reinforces the main concepts required in your course and offers hundreds of practice exercises to help you succeed. Use Schaum's to shorten your study time--and get your best test scores! Schaum's Outlines – Problem solved.

**Chemical Engineering Thermodynamics** - G. N. Pande 2008

*Engineering Thermodynamics Through Examples*  
- Y.V.C. Rao 2003

*Fundamentals Of Mechanical Sciences:  
Engineering Thermodynamics And Fluid*

*Mechanics (For Wbut) - Mukherjee 2009*

**Chemical, Biochemical, and Engineering Thermodynamics** - Stanley I. Sandler

2017-04-24

In this newly revised 5th Edition of Chemical and Engineering Thermodynamics, Sandler presents a modern, applied approach to chemical thermodynamics and provides sufficient detail to develop a solid understanding of the key principles in the field. The text confronts current information on environmental and safety issues and how chemical engineering principles apply in biochemical engineering, bio-technology, polymers, and solid-state-processing. This book is appropriate for the undergraduate and graduate level courses.

Essential Engineering Thermodynamics - Yumin Zhang 2018-09-19

Engineering Thermodynamics is a core course for students majoring in Mechanical and Aerospace Engineering. Before taking this course, students

usually have learned Engineering Mechanics—Statics and Dynamics, and they are used to solving problems with calculus and differential equations. Unfortunately, these approaches do not apply for Thermodynamics. Instead, they have to rely on many data tables and graphs to solve problems. In addition, many concepts are hard to understand, such as entropy. Therefore, most students feel very frustrated while taking this course. The key concept in Engineering Thermodynamics is state-properties: If one knows two properties, the state can be determined, as well as the other four properties. Unlike most textbooks, the first two chapters of this book introduce thermodynamic properties and laws with the ideal gas model, where equations can be engaged. In this way, students can employ their familiar approaches, and thus can understand them much better. In order to help students understand entropy in depth, interpretation with statistical physics is introduced. Chapters 3 and 4 discuss control-

mass and control-volume processes with general fluids, where the data tables are used to solve problems. Chapter 5 covers a few advanced topics, which can also help students understand the concepts in thermodynamics from a broader perspective.

**MECHANICAL SCIENCES** - AKSHOY RANJAN

PAUL 2005-01-01

Primarily intended for the first-year undergraduate students of various engineering disciplines, this comprehensive and up-to-date text also serves the needs of second-year undergraduate students (Mechanical, Civil, Aeronautical, Chemical, Production and Marine Engineering) studying Engineering Thermodynamics and Fluid Mechanics. The whole text is divided into two parts and gives a detailed description of the theory along with the systematic applications of laws of Thermodynamics and Fluid Mechanics to engineering problems. Part I (Chapters 1-6) deals with the energy interaction between system and

surroundings, while Part II (Chapters 7-15) covers the fluid flow phenomena. This accessible and comprehensive text is designed to take the student from an elementary level to a level of sophistication required for the analysis of practical problems.

**Thermodynamics Problem Solving in Physical Chemistry** - Kathleen E. Murphy

2020-03-23

Thermodynamics Problem Solving in Physical Chemistry: Study Guide and Map is an innovative and unique workbook that guides physical chemistry students through the decision-making process to assess a problem situation, create appropriate solutions, and gain confidence through practice solving physical chemistry problems. The workbook includes six major sections with 20 - 30 solved problems in each section that span from easy, single objective questions to difficult, multistep analysis problems. Each section of the workbook contains key points that highlight major features of the



topic to remind students of what they need to apply to solve problems in the topic area. Key Features: Includes a visual map that shows how all the “equations” used in thermodynamics are connected and how they are derived from the three major energy laws. Acts as a guide in deriving the correct solution to a problem. Illustrates the questions students should ask themselves about the critical features of the concepts to solve problems in physical chemistry Can be used as a stand-alone product for review of Thermodynamics questions for major tests. *Thermodynamics Problem Solver* - Ralph Pike 2012-04-27

REA's Thermodynamics Problem Solver Each Problem Solver is an insightful and essential study and solution guide chock-full of clear, concise problem-solving gems. Answers to all of your questions can be found in one convenient source from one of the most trusted names in reference solution guides. More useful, more practical, and more informative, these study aids

are the best review books and textbook companions available. They're perfect for undergraduate and graduate studies. This highly useful reference provides thorough coverage of pressure, work and heat, energy, entropy, first and second laws, ideal gas processes, vapor refrigeration cycles, mixtures, and solutions. For students in engineering, physics, and chemistry. *Fundamentals of Engineering Thermodynamics* - Michael J. Moran 2004

A comprehensive, best-selling introduction to the basics of engineering thermodynamics. Requiring only college-level physics and calculus, this popular book includes a realistic art program to give more realism to engineering devices and systems. A tested and proven problem-solving methodology encourages readers to think systematically and develop an orderly approach to problem solving: Provides readers with a state-of-the-art introduction to second law analysis. Design/open-ended problems provide readers with brief design experiences that offer them

opportunities to apply constraints and consider alternatives.

**Engineering Thermodynamics** - J. A. Leach  
2007-08

This book deals with the application of these laws to power-generating plants such as coal-fired power stations. It is an important and rewarding subject that has serious implications for our future industrial development.

**Solving Problems in Thermal Engineering** -  
Viktor Józsa 2019-10-24

This book provides general guidelines for solving thermal problems in the fields of engineering and natural sciences. Written for a wide audience, from beginner to senior engineers and physicists, it provides a comprehensive framework covering theory and practice and including numerous fundamental and real-world examples. Based on the thermodynamics of various material laws, it focuses on the mathematical structure of the continuum models and their experimental validation. In addition to several examples in

renewable energy, it also presents thermal processes in space, and summarizes size-dependent, non-Fourier, and non-Fickian problems, which have increasing practical relevance in, e.g., the semiconductor industry. Lastly, the book discusses the key aspects of numerical methods, particularly highlighting the role of boundary conditions in the modeling process. The book provides readers with a comprehensive toolbox, addressing a wide variety of topics in thermal modeling, from constructing material laws to designing advanced power plants and engineering systems.

**Engineering Thermodynamics with Worked Examples** - Nihal E Wijeyesundera 2016-11-25

The laws of thermodynamics have wide ranging practical applications in all branches of engineering. This invaluable textbook covers all the subject matter in a typical undergraduate course in engineering thermodynamics, and uses carefully chosen worked examples and problems to expose students to diverse applications of

thermodynamics. This new edition has been revised and updated to include two new chapters on thermodynamic property relations, and the statistical interpretation of entropy. Problems

with numerical answers are included at the end of each chapter. As a guide, instructors can use the examples and problems in tutorials, quizzes and examinations. Request Inspection Copy