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Applied Mechanics Reviews - 1988

British Books in Print - 1970

Engineering Thermodynamics - Gordon Frederick Crichton Rogers 1999

Basic Fluid Mechanics and Hydraulic Machines - Zoeb Hussian 2009
Following a concise overview of fluid mechanics informed by numerous engineering applications and examples, this reference presents and analyzes major types of fluid machinery and the major classes of turbines, as well as pump technology. It offers professionals and students in hydraulic engineering with background concepts as well as practical coverage of modern turbine technologies, fully explaining the advantages of both steam and gas turbines. Description, design, and operational information for the Pelton, Francis, Propeller, and Kaplan turbines are provided, as are outlines of various types of power plants. It provides solved examples, chapter problems, and a thorough case study.
Paperbound Books in Print Fall 1995 - Reed Reference Publishing 1995-10

Whitaker's Book List - 1988

Library of Congress Catalog - Library of Congress 1970
A cumulative list of works represented by Library of Congress printed cards.

Moran's Principles of Engineering Thermodynamics - Michael J. Moran 2020-01-08
Moran’s Principles of Engineering Thermodynamics, SI Version, continues to offer a comprehensive and rigorous treatment of classical thermodynamics, while retaining an engineering perspective. With concise, applications-oriented discussion of topics and self-test problems, this book encourages students to monitor their own learning. This classic text provides a solid foundation for subsequent studies in fields such as fluid mechanics, heat transfer and statistical thermodynamics, and prepares students to effectively apply thermodynamics in the practice of engineering. This edition is revised with additional examples and end-of-chapter problems to increase student comprehension.
Books in Print - 1994

The British National Bibliography - Arthur James Wells 1996

The Regional Impacts of Climate Change - Intergovernmental Panel on Climate Change. Working Group II. 1998
Cambridge, UK : Cambridge University Press, 1998.
Solutions Manual for Radar Systems Analysis And Design Using Matlab - Bassem R. Mahafza 2005-06

Bibliography of Nautical Books - Alan Obin 2000-02

This is the 15th annual edition of the Bibliography of Nautical Books, a reference guide to over 14,000 nautical publications. It deals specifically with the year 2000.

Heat and Thermodynamics - Mark Waldo Zemansky 1997

This respected text deals with large-scale, easily known thermal phenomena and then proceeds to small-scale, less accessible phenomena. The wide range of mathematics used in Dittman and Zemansky's text simultaneously challenges students who have completed a course in impartial differential calculus without alienating those students who have only taken a calculus-based general physics course. Examples of calculations are presented shortly after important formulas are derived. Students see the solutions of problems related to the formulas. Actual thermodynamic experiments are explained in detail. The student sees the applicability of abstract thermodynamic concepts and formulas to real situations.

Nuclear Reactor Engg., 4e Vol. II : Reactor Systems Engineering - Glasstone/sesonske 2004-02-01

The British National Bibliography - 1965

Engineering Thermodynamics Work and Heat Transfer - Gordon Frederick Crichton ROGERS (and MAYHEW (Yon Richard)) 1957

Earth System Science Overview - NASA Advisory Council. Earth System Sciences Committee 1986

A Silvan Tomkins Handbook - Adam J. Frank 2020-08-04

An accessible guide to the work of American psychologist and affect theorist Silvan Tomkins The brilliant and complex theories of psychologist Silvan Tomkins (1911–1991) have inspired the turn to affect in the humanities, social sciences, and elsewhere. Nevertheless, these theories are not well understood. A Silvan Tomkins Handbook makes his theories portable across a range of interdisciplinary contexts and accessible to a wide variety of contemporary scholars and students of affect. A Silvan Tomkins Handbook provides readers with a clear outline of Tomkins’s affect theory as he developed it in his four-volume masterwork Affect Imagery Consciousness. It shows how his key terms and conceptual innovations can be used to build robust frameworks for theorizing affect and emotion. In addition to clarifying his affect theory, the Handbook emphasizes Tomkins’s other significant contributions, from his broad theories of imagery and consciousness to more focused concepts of scenes and scripts. With their extensive experience engaging and teaching Tomkins’s work, Adam J. Frank and Elizabeth A. Wilson provide a user-friendly guide for readers who want to know more about the foundations of affect studies.

Applied Thermodynamics - R. K. Rajput 2009-12

Paperbound Books in Print - 1992

Applied Thermodynamics - Onkar Singh 2006

This Book Presents A Systematic Account Of The Concepts And Principles Of Engineering Thermodynamics And The Concepts And Practices Of Thermal Engineering. The Book Covers Basic Course Of Engineering Thermodynamics And Also Deals With The Advanced Course Of Thermal Engineering. This Book Will Meet The Requirements Of The Undergraduate Students Of Engineering And Technology Undertaking The Compulsory Course Of Engineering Thermodynamics. The Subject Matter Of Book Is Sufficient For The Students Of Mechanical Engineering/Industrial-Production Engineering, Aeronautical Engineering, Undertaking Advanced Courses In The Name Of Thermal Engineering/Heat Engineering/ Applied Thermodynamics Etc. Presentation Of The Subject Matter Has Been Made In Very Simple And Understandable Language. The Book Is Written In Si System Of Units And Each Chapter Has Been Provided With Sufficient Number Of Typical Numerical Problems Of Solved And Unsolved Questions With Answers.

Chemical Engineering Thermodynamics - RAO 1997

Basic Engineering Thermodynamics - Rayner Joel 1987

Climate Change - Juan A. Blanco 2011-09-12

This book offers an interdisciplinary view of the

biophysical issues related to climate change. Climate change is a phenomenon by which the long-term averages of weather events (i.e. temperature, precipitation, wind speed, etc.) that define the climate of a region are not constant but change over time. There have been a series of past periods of climatic change, registered in historical or paleoecological records. In the first section of this book, a series of state-of-the-art research projects explore the biophysical causes for climate change and the techniques currently being used and developed for its detection in several regions of the world. The second section of the book explores the effects that have been reported already on the flora and fauna in different ecosystems around the globe. Among them, the ecosystems and landscapes in arctic and alpine regions are expected to be among the most affected by the change in climate, as they will suffer the more intense changes. The final section of this book explores in detail those issues.

Fundamentals of Engineering Thermodynamics, 9th Edition EPUB Reg Card Loose-Leaf Print Companion Set - Michael J. Moran 2018-01-17

Mechanics of Materials - Ferdinand Pierre Beer 2002

For the past forty years Beer and Johnston have been the uncontested leaders in the teaching of undergraduate engineering mechanics. Their careful presentation of content, unmatched levels of accuracy, and attention to detail have made their texts the standard for excellence. The revision of their classic Mechanics of Materials text features a new and updated design and art program; almost every homework problem is new or revised; and extensive content revisions and text reorganizations have been made. The multimedia supplement package includes an extensive strength of materials Interactive Tutorial (created by George Staab and Brooks Breeden of The Ohio State University) to provide students with additional help on key concepts, and a custom book website offers online resources for both instructors and students.

Books in Print Supplement - 2002

Applied Thermodynamics for Engineering Technologists - Eastop 1993

Continuum Mechanics Through the Twentieth Century - Gerard A Maugin 2013-04-08

This overview of the development of continuum mechanics throughout the twentieth century is unique and ambitious. Utilizing a historical perspective, it combines an exposition on the technical progress made in the field and a marked interest in the role played by remarkable individuals and scientific schools and institutions on a rapidly evolving social background. It underlines the newly raised technical questions and their answers, and the ongoing reflections on the bases of continuum mechanics associated, or in competition, with other branches of the physical sciences, including thermodynamics. The emphasis is placed on the development of a more realistic modeling of deformable solids and the exploitation of new mathematical tools. The book presents a balanced appraisal of advances made in various parts of the world. The author contributes his technical expertise, personal recollections, and international experience to this general overview, which is very informative albeit concise.

Energy World - 1986

Basic Engineering Thermodynamics - Rayner Joel 1996

Engineeering thermodynamics is the study of and practical application of the successful conversion of heat energy into work energy, a transormation fundamental to the existence of our modern industrial society. The thermodynamic conversion process lies behind the operation of the internal combustion engine and the generation of power. Transport systems - such as the motor cars, aircraft and railway trains - can only function because of this process; it also makes possible the generation of the electricity, supplying energy for heating, lighting and computing, and many other processes essential to the modern world. Basic Engineering Thermodynamics, first published in 1960, provides a comprehensive introduction to the principles and application of the subject. The fifth edition has been extensively revised and updated with a new chapter on basic psychrometry and additional material and re-drawn illustration throughout. This is a core text for BTEC HNC/D and degree courses in

mechanical engineering.
Bibliographic Guide to Technology - New York Public Library. Research Libraries 1989

Engineering Thermodynamics - R. K. Rajput 2010
Mechanical Engineering
Basic Thermodynamics - Evelyn Guha 2000
The book presents a clear and simple exposition of thermodynamic principles to enable beginners to penetrate its fundamental ideas buried under a haze of abstractness and to appreciate the logical development of thermodynamic reasoning. Since thermodynamics often proves conceptually difficult for the beginner, care has been taken to present a clear and simple but comprehensive account of its principles. Applications in various branches of physics (phase transitions, low temperature physics, thermal radiation, power and refrigeration cycles) have been treated in some detail. Worked examples and a set of problems accompany each chapter.
Solutions Manual to Accompany Fundamentals of Engineering Thermodynamics - John R. Howell 1987

The British National Bibliography Cumulated Subject Catalogue - 1960

Product Design for the Environment - Fabio Giudice 2006-01-13
In recent years the increased awareness of environmental issues has led to the development of new approaches to product design, known as Design for Environment and Life Cycle Design. Although still considered emerging and in some cases radical, their principles will become, by necessity, the wave of the future in design. A thorough exploration of the subject, Product Design for the Environment: A Life Cycle Approach presents key concepts, basic design frameworks and techniques, and practical applications. It identifies effective methods and tools for product design, stressing the environmental performance of products over their whole life cycle. After introducing the concepts of Sustainable Development, the authors discuss Industrial Ecology and Design for Environment as defined in the literature. They present the life cycle theory and approach, explore how to apply it, and define its main techniques. The book then covers the main premises of product design and development, delineating how to effectively integrate environmental aspects in modern product design. The authors pay particular attention to environmental strategies that can aid the achievement of the requisites of eco-efficiency in various phases of the product life cycle. They go on to explore how these strategies are closely related to the functional performance of the product and its components, and, therefore, to some aspects of conventional engineering design. The book also introduces phenomena of performance deterioration, together with principles of design for component durability, and methods for the assessment of residual life. Finally, the book defines entirely new methods and tools in relation to strategic issues of Life Cycle Design. Each theme provides an introduction to the problems and original proposals based on the authors' experience. The authors then discuss the implementation of these new concepts in design practice, differentiating between levels of intervention and demonstrating their use and effectiveness in specific case studies. The book not only presents evidence of the potential of the approach and methods proposed, but also analyzes some of the problems involved in developing eco-compatible products in the company context.
Solution of Problems in Applied Heat and Thermodynamics - Sydney Allandale Urry 1962

Library of Congress Catalogs - Library of Congress 1970