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Mechanical Engineering (Objective Type) - R.S. Khurmi & J.K. Gupta 2006

A Textbook of Thermal Engineering - RS Khurmi | JK Gupta 2008

Two new chapters on eneral Themodynamic Relations and Variable Specific Heat have been Added.The mistake which had crept in have been elimated.we wish to

express our sincere thanks to numerous professors and students, both at home and abroad, for sending their valuable suggestions and also for recommending the book to their students and friends.

Thermal Engineering - R.K. Rajput 2009-05-01 This Book On Thermal Engineering (Printed In Two Colours) Has Been Written For The Students Preparing The Subject For B.E. Examinations Of Various Indian Universities, A.M.I.E. And Competitive Examinations (E.G., U.P.S.C., Gate Etc.). The Book Contains 29 Chapters In All, And Deals The Subject Matter Exhaustively. Salient Features: The Presentation Of The Subject Matter Is Very Systematic And The Language Of The Text Is Lucid, Direct And Easy To Understand. Each

Chapter Of Book Is Saturated With Much Needed Text Supported By Neat And Self-Explanatory Diagrams To Make The Subject Self-Speaking To A Great Extent. A Large Number Of Solved Examples, Questions Selected From Various Universities, U.P.S.C., Gate Etc., Examination Question Papers, Properly Graded, Have Been Added In Various Chapters To Enable The Students To Attempt Different Types Of Questions In The Examination Without Any Difficulty. At The End Of Each Chapter Highlights, Objective Type Questions, Theoretical Questions And Unsolved Examples Have Been Added To Make The Book A Complete Unit In All Respects.

Basic And Applied Thermodynamics - P. K. NAG 2009

Engineering

Thermodynamics - R. K. Rajput 2010
Mechanical Engineering
Materials Science - RS Khurmi | RS Sedha 2008
We take an opportunity to present 'Material Science'to the students of A.M.I.E.(I)Diploma stream in particular,and other engineering students in general.the object of this book is to present the subject matter in a most concise,compact,to the point and lucis manner.While preparing the book,we have constantly kept in mind the requirments of A.M.I.E(I) students,regarding the latest trend of their examination.To make it really useful for the A.M.I.E.(I) students,the solutions of their complete examination has been written in an easy style,with full detail and illustrations.

Theory of Machines - RS Khurmi | JK Gupta 2008

While writing the book,we have continuously kept in mind the examination requirments of the students preparing for U.P.S.C.(Engg. Services)and A.M.I.E.(I)examinations. In order to make this volume more useful for them,complete solutions of their examination papers up to 1975 have also been included.Every care has been taken to make this treatise as self-explanatory as possible.The subject matter has been amply illustrated by incorporating a good number of solved,unsolved and well graded examples of almost every variety.
Civil Engineering (Conventional & Objective Type) - R. S. Khurmi 2007

A Textbook of Strength of Materials - RS Khurmi | N Khurmi

Strength of Materials: Mechanics of Solids in SI Units is an all-inclusive text for students as it takes a detailed look at all concepts of the subject. Distributed evenly in 35 chapters, important focusses are laid on stresses, strains, inertia, force, beams, joints and shells amongst others. Each chapter contains numerous solved examples supported by exercises and chapter-end questions which aid to the understanding of the concepts explained. A book which has seen, foreseen and incorporated changes in the subject for close to 50 years, it continues to be one of the most sought after texts by the students for all aspects of the subject.

Fundamentals of Engineering Heat and Mass Transfer - R. C. Sachdeva 2009

Underlines the objective of the understanding of the physical phenomena involved and the ability to formulate and to solve typical problems. This book identifies the similarities in both qualitative and quantitative approach between heat and mass transfer.

Textbook of Thermal Engineering - J. K. Gupta 1997

Thermal Engineering - R.K. Rajput 2005

Engineering Materials - RK Rajput 2008

The book has been thoroughly revised. Several new articles have been added, specifically, in chapters in mortar, Concrete, Paint: Varnishes, Distempers and Antitermite treatment to make the book to still more comprehensive and a useful unit for the

students preparing for the examination in the subject.

Strength Of Materials -

R. S. Khurmi 2008-01-01

The present edition of this book is in S.I. Units To Make the book really useful at all levels, a number of articles as well as solved and unsolved examples have been added. The mistake, which had crept in, have been eliminated. Three new chapters of Thick Cylindrical and Spherical shells, Bending of Curved Bars and Mechanical Properties of Materials have also been added.

A Textbook of Heat and Mass Transfer - RK

Rajput

Heat and Mass Transfer is a comprehensive textbook for the students of Mechanical Engineering and a must-buy for the aspirants of different entrance examinations including

GATE and UPSC. Divided into 5 parts, the book delves into the subject beginning from Basic Concepts and goes on to discuss Heat Transfer (by Convection and Radiation) and Mass Transfer. The book also becomes useful as a question bank for students as it offers university as well as entrance exam questions with solutions.

Books from India - 1975

A Textbook of Engineering Mechanics - R. K. Bansal 2016

Theory of Structures - RS Khurmi | N Khurmi 2000-11

I feel elevated in presenting the New edition of this standard treatise. The favourable reception, which the previous edition and reprints of this book have enjoyed, is a matter of great satisfaction for me. I wish to express

my sincere thanks to numerous professors and students for their valuable suggestions and recommending the patronise this standard treatise in the future also.

An Introduction to Microelectromechanical Systems Engineering -

Nadim Maluf 2004

Bringing you up-to-date with the latest developments in MEMS technology, this major revision of the best-selling An Introduction to Microelectromechanical Systems Engineering offers you a current understanding of this cutting-edge technology. You gain practical knowledge of MEMS materials, design, and manufacturing, and learn how it is being applied in industrial, optical, medical and electronic markets. The second edition features brand new sections on RF MEMS,

photo MEMS, micromachining on materials other than silicon, reliability analysis, plus an expanded reference list. With an emphasis on commercialized products, this unique resource helps you determine whether your application can benefit from a MEMS solution, understand how other applications and companies have benefited from MEMS, and select and define a manufacturable MEMS process for your application. You discover how to use MEMS technology to enable new functionality, improve performance, and reduce size and cost. The book teaches you the capabilities and limitations of MEMS devices and processes, and helps you communicate the relative merits of MEMS to your company's management. From critical

discussions on design operation and process fabrication of devices and systems, to a thorough explanation of MEMS packaging, this easy-to-understand book clearly explains the basics of MEMS engineering, making it an invaluable reference for your work in the field.

Bulletin of the Institution of Engineers (India). - Institution of Engineers (India) 1976

A Textbook of Workshop Technology - RS Khurmi | JK Gupta 2008

A Textbook of workshop Technology(Manufacturing Processes)to the students of degree and diploma of all the Indian and foreign universities.The object of this book is to present the subject matter in a most concise,compact,to the point and lucid

manner.While writing the book,we have constantly kept in mind the various requirements of the students.No effort has been spared to enrich the book with simple language and self-explanatory diagrams.Every care has been taken not to make the book voluminous,as the students have also to face other subjects of equal importance.
Books India - 1975

Hydraulics, Fluid Mechanics and Hydraulic Machines - RS Khurmi | N Khurmi 1987-05

The favourable and warm reception,which the previous editions and reprints of this popular book has enjoyed all over India and abroad has been a matter of great satisfaction for me.

Thermodynamics and Thermal Engineering - J.Selwin Rajadurai 2003
Thermodynamics And

Thermal Engineering, A Core Text In SI Units, Meets The Complete Requirements Of The Students Of Mechanical Engineering In All Universities. Ultimately, It Aims At Aiding The Students Genuinely Understand The Basic Principles Of Thermodynamics And Apply Those Concepts To Practical Problems Confidently. It Provides A Clear And Detailed Exposition Of Basic Principles Of Thermodynamics. Concepts Like Enthalpy, Entropy, Reversibility, Availability Are Presented In Depth And In A Simple Manner. Important Applications Of Thermodynamics Like Various Engineering Cycles And Processes Are Explained In Detail. Introduction To Latest Topics Are Enclosed At The End. Each Topic Is Further Supplemented With Solved Problems

Including Problems From Gate, IES Exams, Objective Questions Along With Answers, Review Questions And Exercise Problems Alongwith Answers For An Indepth Understanding Of The Subject.

Engineering Mechanics - R. K. Singal 2013-12-30 Engineering Mechanics has been designed as per updated and new syllabus of various technical universities and engineering colleges. The book systematically develops the concepts and principles essential for understanding the subject. The difficulties usually faced by new engineering students have been taken care of while preparing the book. A large number of numerical problems have been selected from university and competitive examination papers and question banks, properly graded, solved and arranged in

various chapters. The present book has been divided in five parts: Two-Dimensional Force System Beams and Trusses Moment of Inertia Dynamics of Rigid Body Stress and Strain Analysis The highlights of the book are: Comparison tables and illustrative drawings Exhaustive question bank on theory problems at the end of every chapter A large number of solved numerical examples SI units used throughout A Textbook of Applied Mechanics - R. K. RAJPUT 2015

A Textbook of Thermal Engineering (SI Units) - Khurmi R.S. & Gupta J.K. □A Textbook of Thermal Engineering□ encompasses all theories of the subject thereby making it a must-read for all students of Mechanical Engineering. Topics such as General Thermodynamic Relations and Variable

Specific Heat as well as Turbines (M-pulse, Reaction) and Air Compressors have been dealt in detail. In addition to the exhaustive topical coverage, numerous solved examples and chapter-end exercises and questions have been added to make the student understand all aspects of concepts explained. A book which has seen, foreseen and incorporated changes in the subject for close to 40 years, it continues to be one of the most sought after texts by the students.

Steam Tables - RS Khurmi | N Khurmi 2008

The Favourable and warm reception, which the previous editions and reprints of this booklet have enjoyed at home and abroad, has been a matter of great satisfaction to me.

Textbook of Refrigeration and Air

Conditioning - RS Khurmi
| JK Gupta 2008

The Multicolor Edition
Has Been thoroughly
revised and brought up-
to-date. Multicolor
pictures have been added
to enhance the content
value and to give the
students an idea of
what he will be dealing
in reality, and to bridge
the gap between theory
and Practice.

Applied Thermodynamics -
R. K. Rajput 2009-12

**A Textbook of Machine
Design** - RS Khurmi | JK
Gupta 2005

The present multicolor
edition has been
thoroughly revised and
brought up-to-
date. Multicolor pictures
have been added to
enhance the content
value and to give the
students an idea of what
he will be dealing in
reality, and to bridge
the gap between theory
and practice. This book
has already been include

in the 'suggested
reading' for the
A.M.I.E. (India) examinati
ons.

Publisher's Monthly -
1996

*A Textbook of Heat and
Mass Transfer [Concise
Edition]* - RK Rajput

□A Textbook of Heat and
Mass Transfer□ is a
comprehensive textbook
for the students of
Mechanical Engineering
and a must-buy for the
aspirants of different
entrance examinations
including GATE and UPSC.
Divided into 4 parts,
the book delves into the
subject beginning from
Basic Concepts and goes
on to discuss Heat
Transfer (by Convection
and Radiation) and Mass
Transfer. The book also
becomes useful as a
question bank for
students as it offers
university as well as
entrance exam questions
with solutions.

Engineering

Thermodynamics - R. K. Singal 2013-12-30
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
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. *Textbook of Engineering Mechanics* - R. S. Khurmi 2005

A Textbook of Heat and Mass Transfer, 7e - Rajput R.K. "Heat and Mass Transfer" is a comprehensive textbook for the students of Mechanical Engineering and a must-buy for the aspirants of different entrance examinations including GATE and UPSC. Divided into 5 parts, the book delves into the subject beginning from Basic Concepts and goes on to discuss Heat Transfer

(by Convection and Radiation) and Mass Transfer. The book also becomes useful as a question bank for students as it offers university as well as entrance exam questions with solutions *Classical and Modern Engineering Methods in Fluid Flow and Heat Transfer* - Abram Dorfman 2012-02-26

This book presents contemporary theoretical methods in fluid flow and heat transfer, emphasizing principles of investigation and modeling of natural phenomena and engineering processes. It is organized into four parts and 12 chapters presenting classical and modern methods. Following the classical methods in Part 1, Part 2 offers in-depth coverage of analytical conjugate methods in convective heat transfer and

peristaltic flow. Part 3 explains recent developments in numerical methods including new approaches for simulation of turbulence by direct solution of Navier-Stokes equations. Part 4 provides a wealth of applications in industrial systems, technology processes, biology, and medicine. More than a hundred examples show the applicability of the methods in such areas as nuclear reactors, aerospace, crystal growth, turbine blades, electronics packaging, optical fiber coating, wire casting, blood flow, urinary problems, and food processing. Intended for practicing engineers and students, the book balances strong formulation of problems with detailed explanations of definitions and terminology. Author

comments give attention to special terms like singularity, order of magnitude, flow stability, and nonisothermicity characteristics. More than 400 exercises and questions are offered, many of which divide derivations between you and the author. For these exercises, the author describes the solution method and the results in the text, but you are directed to complete specific portions of the solutions. You then have a choice to accept the results or to further explore the underlying problem. Extensive references are provided for further study.

Theory of Machines - RS Khurmi | JK Gupta 2005

While writing the book, we have continuously kept in mind the examination requirements of the students preparing for

U.P.S.C. (Engg. Services) and A.M.I.E. (I) examinations. In order to make this volume more useful for them, complete solutions of their examination papers up to 1975 have also been included. Every care has been taken to make this treatise as self-explanatory as possible. The subject matter has been amply illustrated by incorporating a good number of solved, unsolved and well graded examples of almost every variety.

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| JK Gupta 2008

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