Tech Max Mumbai University

Strength Of Materials
FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING
Applied Thermodynamics
MAX Phases and Ultra-High Temperature Ceramics for Extreme Environments
Final Program and Proceedings
Engineering Mathematics-II
Beginning C++ Programming
Power Electronics
Theory of Machines
Handbook of Design and Analysis of Experiments
New Frontiers and Applications of Synthetic Biology
Such a Long Journey
Engineering Mathematics
Basic Electrical and Electronics Engineering:
Standard & Poor's Register of Corporations, Directors and Executives
Organic Farming for Sustainable Horticulture
TEXTBOOK OF FINITE ELEMENT ANALYSIS

Antennas and Wave Propagation
Biennial Report
Technology Systems and Management
Artificial Intelligence
Hydrogen Fuel Cell Technology for Mobile Applications
Essentials of Bridge Engineering
International Dictionary of University Histories
Engineering Thermodynamics
A Textbook of Strength of Materials
Working Drawings Handbook
NMIS-NPAT Max Success EBook-PDF By Chandresh Agrawal
Polymer-Based Nanoscale Materials for Surface Coatings
Mastering Cloud Computing
ECCWS 2021 20th European Conference on Cyber Warfare and Security
Mechatronics
Textbook of Environmental Studies for Undergraduate Courses
PHP: A BEGINNER'S GUIDE
Basic Mechanical Engineering (Fe Sem. I, Su)
A Textbook of Engineering Mathematics-I
Programming Languages

Material Science & Engineering
A First Course in Continuum Mechanics
Environmental Studies

HICKS HARRINGTON

Strength Of Materials Pearson Education India
Artificial Intelligence presents a practical guide to AI, including agents, machine learning and problem-solving simple and complex domains.

FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING Nirali Prakashan
Working Drawings Handbook focuses on the principles, styles, methodologies, and approaches involved in drawings. The book first takes a look at the structure of information, types of drawing, and draftsmanship. Discussions focus on dimensioning, drawing conventions, techniques, materials, drawing reproduction, location drawing, component and sub-component drawings, assembly drawing, schedule, pictorial views, and structure of working drawings. The manuscript then ponders on working drawing management and other methods. Topics include planning the set, drawing register, drawing office programming, and introducing new methods. Building elements and external features, conventions for doors and

windows, symbols indicating materials, electrical, telecommunications, and fire symbols, and non-active lines and symbols are also discussed. The book is a fine reference for draftsmen and researchers interested in studying the elements of drawing.

Applied Thermodynamics Cambridge University Press

SGN.The Ebook NMIS-NPAT Covers All Sections Of The Exam.

MAX Phases and Ultra-High Temperature Ceramics for Extreme Environments Pearson Education India

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 sloved 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.

Final Program and Proceedings

Chandresh Agrawal

A groundbreaking and comprehensive reference that's been a bestseller since 1970, this new edition provides a broad mathematical survey and covers a full range of topics from the very basic to the advanced. For the first time, a personal tutor CD-ROM is included.

Engineering Mathematics-II Elsevier

Mechanical Engineering

Beginning C++ Programming Cambridge University Press

Basic Electrical and Electronics Engineering provides an overview of the basics of electrical and electronic

engineering that are required at the undergraduate level. The book allows students outside electrical and electronics engineering to easily
Power Electronics PHI Learning Pvt. Ltd.
Ceramics are a versatile material, more so than is widely known. They are thermal resistant, poor electrical conductors, insulators against nuclear radiation, and not easily damaged, making ceramics a key component in many industrial processes. MAX Phases and Ultra-High Temperature Ceramics for Extreme Environments investigates a new class of ultra-durable ceramic materials, which exhibit characteristics of both ceramics and metals. Readers will explore recent advances in the manufacturing of ceramic materials that improve their durability and other physical properties, enhancing their overall usability and cost-effectiveness. This book will be of primary use to researchers, academics, and practitioners in chemical, mechanical, and electrical engineering. This book is part of the Research Essentials collection.
Theory of Machines McGraw Hill Professional
This book constitutes the refereed proceedings of the First International Conference on Technology Systems and Management, ICTSM 2011, held in Mumbai, India, in February 2011. The 47 revised full papers presented were carefully reviewed and selected from 276 submissions. The papers are organized in topical sections on computer engineering and information

technology; electronics and telecommunication; as well as technology management.
Handbook of Design and Analysis of Experiments IGI Global
Mastering Cloud Computing is designed for undergraduate students learning to develop cloud computing applications. Tomorrow's applications won't live on a single computer but will be deployed from and reside on a virtual server, accessible anywhere, any time. Tomorrow's application developers need to understand the requirements of building apps for these virtual systems, including concurrent programming, high-performance computing, and data-intensive systems. The book introduces the principles of distributed and parallel computing underlying cloud architectures and specifically focuses on virtualization, thread programming, task programming, and map-reduce programming. There are examples demonstrating all of these and more, with exercises and labs throughout. Explains how to make design choices and tradeoffs to consider when building applications to run in a virtual cloud environment Real-world case studies include scientific, business, and energy-efficiency considerations
New Frontiers and Applications of Synthetic Biology Packt Publishing Ltd
Antennas and Wave Propagation is written for the first course on the same. The book begins with an introduction that discusses the fundamental concepts, notations, representation and principles that govern the field of

antennas. A separate chapter on mathematical preliminaries is discussed followed by chapters on every aspect of antennas from Maxwell's equations to antenna array analysis, antenna array synthesis, antenna measurements and wave propagation.

Such a Long Journey Academic Press Designed for a one-semester course in Finite Element Method, this compact and well-organized text presents FEM as a tool to find approximate solutions to differential equations. This provides the student a better perspective on the technique and its wide range of applications. This approach reflects the current trend as the present-day applications range from structures to biomechanics to electromagnetics, unlike in conventional texts that view FEM primarily as an extension of matrix methods of structural analysis. After an introduction and a review of mathematical preliminaries, the book gives a detailed discussion on FEM as a technique for solving differential equations and variational formulation of FEM. This is followed by a lucid presentation of one-dimensional and two-dimensional finite elements and finite element formulation for dynamics. The book concludes with some case studies that focus on industrial problems and Appendices that include mini-project topics based on near-real-life problems. Postgraduate/Senior undergraduate students of civil, mechanical and aeronautical engineering will find this text extremely useful; it will also appeal to the practising engineers and the

teaching community.

Engineering Mathematics Elsevier

The modeling and simulation of fluids, solids and other materials with significant coupling and thermal effects is becoming an increasingly important area of study in applied mathematics and engineering. Necessary for such studies is a fundamental understanding of the basic principles of continuum mechanics and thermodynamics. This book is a clear introduction to these principles. It is designed for a one- or two-quarter course for advanced undergraduate and beginning graduate students in the mathematical and engineering sciences, and is based on over nine years of teaching experience. It is also sufficiently self-contained for use outside a classroom environment. Prerequisites include a basic knowledge of linear algebra, multivariable calculus, differential equations and physics. The authors begin by explaining tensor algebra and calculus in three-dimensional Euclidean space. Using both index and coordinate-free notation, they introduce the basic axioms of continuum mechanics pertaining to mass, force, motion, temperature, energy and entropy, and the concepts of frame-indifference and material constraints. They devote four chapters to different theories of fluids and solids, and, unusually at this level, they consider both isothermal and thermal theories in detail. The book contains a wealth of exercises that support the theory and illustrate various applications. Full solutions to odd-numbered exercises are

given at the end of each chapter and a complete solutions manual for all exercises is available to instructors upon request. Each chapter also contains a bibliography with references covering different presentations, further applications and numerical aspects of the theory. Book jacket.

Basic Electrical and Electronics Engineering: Emblem Editions

Conferences Proceedings of 20th European Conference on Cyber Warfare and Security

Standard & Poor's Register of Corporations, Directors and Executives Industrial Press Inc.

With this revised edition we aim to present a text on Power Electronics for the UG level which will provide a comprehensive coverage of converters, choppers, inverters and motor drives. All this, with a rich pedagogy to support the conceptual understanding and integral use of PSPICE.

Organic Farming for Sustainable Horticulture New Age International

About the Book: This book Engineering Mathematics-II is designed as a self-contained, comprehensive classroom text for the second semester B.E. Classes of Visveswaraiah Technological University as per the Revised new Syllabus. The topics included are Differential Calculus, Integral Calculus and Vector Integration, Differential Equations and Laplace Transforms. The book is written in a simple way and is accompanied with explanatory figures. All this make the students enjoy the subject while they learn. Inclusion of

selected exercises and problems make the book educational in nature. It shou.

TEXTBOOK OF FINITE ELEMENT ANALYSIS

Alpha Science International, Limited

New Frontiers and Applications of Synthetic Biology presents a collection of chapters from eminent synthetic biologists across the globe who have established experience and expertise working with synthetic biology. This book offers several important areas of synthetic biology which allow us to read and understand easily. It covers the introduction of synthetic biology and design of promoter, new DNA synthesis and sequencing technology, genome assembly, minimal cells, small synthetic RNA, directed evolution, protein engineering, computational tools, de novo synthesis, phage engineering, a sensor for microorganisms, next-generation diagnostic tools, CRISPR-Cas systems, and more. This book is a good source for not only researchers in designing synthetic biology, but also for researchers, students, synthetic biologists, metabolic engineers, genome engineers, clinicians, industrialists, stakeholders and policymakers interested in harnessing the potential of synthetic biology in many areas. Offers basic understanding and knowledge in several aspects of synthetic biology Covers state-of-the-art tools and technologies of synthetic biology, including promoter design, DNA synthesis, DNA sequencing, genome design, directed evolution, protein engineering, computational tools, phage design, CRISPR-Cas systems, and more

Discusses the applications of synthetic biology for smart drugs, vaccines, therapeutics, drug discovery, self-assembled materials, cell free systems, microfluidics, and more

Antennas and Wave Propagation Laxmi Publications, Ltd.

First Published in 1998. Routledge is an imprint of Taylor & Francis, an informa company.

Biennial Report Routledge

This principal source for company identification is indexed by Standard Industrial Classification Code, geographical location, and by executive and directors' names.

Technology Systems and Management Prentice Hall

Essential Skills--Made Easy! Learn how to build dynamic, data-driven Web applications using PHP. Covering the latest release of this cross-platform, open-source scripting language, PHP: A Beginner's Guide teaches you how to write basic PHP programs and enhance them with more advanced features such as MySQL and SQLite database integration, XML input, and third-party extensions. This fast-paced tutorial provides one-stop coverage of software installation, language syntax and data structures, flow control routines, built-in functions, and best practices. Designed for Easy Learning: Key Skills & Concepts--Lists of specific skills covered in the chapter Ask the Expert--Q&A sections filled with bonus information and helpful tips Try This--Hands-on exercises that show how to apply your skills Notes--Extra information related to the topic

being covered Tips--Helpful reminders or alternate ways of doing things Cautions--Errors and pitfalls to avoid Self-Tests--Chapter-ending quizzes to test your knowledge Annotated Syntax--Example code with commentary that describes the programming techniques being illustrated