

Physics By Navneet Gupta

Materials Forming, Machining and Post Processing
Proceedings of the Indian Science Congress
Artificial Intelligence and Deep Learning for Decision Makers
Pharmaceutics-I
Fundamentals of Electrical Engineering
Handbook of Neurological Examination
National Academy Science Letters
Recent Advances in Evolutionary Multi-objective Optimization
Advanced level physics
ISC Commerce Class-XI (Vol.I)
Numerical Methods using MATLAB
Modelling, Simulation and Intelligent Computing
Paradigm Shift
Computational Kinematics
The Physics of Semiconductor Devices
Advanced Electrical and Electronics Materials
Pharmaceutics - I
Animal Models of Neurological Disorders
Sensors and Biosensors, MEMS Technologies and its Applications
Recent Trends in Materials and Devices
Multiscale Modelling of Advanced Materials
Proceedings of the DAE Solid State Physics Symposium
ISC Mathematics book 1 for Class- 11
APC Understanding Information Technology 8
Dear Selene
Antenna and Wave Propagation
Analog Communication Systems
Engineering Materials
Transactions
Engineering Physics (Annual Pattern)
NTA NEET 101 Speed Tests (96 Chapter-wise + 3 Subject-wise + 2 Full)
Proceedings of Seventh International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012)
Physics of Semiconductor Devices
Iwpsd-2003
Advances in Hard-to-Cut Materials
Planet Earth in a Nutshell
Textbook of Neurology
Tamasha in Bandergaon
ICSE Biology Book-II For Class-XI
ISC Commerce Class-XII (Vol.II)
Objective Chemistry

Materials Forming, Machining and Post Processing

Numerical Methods with MATLAB provides a highly-practical reference work to assist anyone working with numerical methods. A wide range of techniques are introduced, their merits discussed and fully working MATLAB code samples supplied to demonstrate how they can be coded and applied. Numerical methods have wide applicability across many scientific, mathematical, and engineering disciplines and are most often employed in situations where working out an exact answer to the problem by another method is impractical. Numerical Methods with MATLAB presents each topic in a concise and readable format to help you learn fast and effectively. It is not intended to be a reference work to the conceptual theory that underpins the numerical methods themselves. A wide range of reference works are readily available to supply this information. If, however, you want assistance in applying numerical methods then this is the book for you.

Proceedings of the Indian Science Congress

Artificial Intelligence and Deep Learning for Decision Makers

This book introduces undergraduate, postgraduate and research students and scientists to animal models of neurological disorders, along with their working principle and brief procedures. Addressing all the disorders related to the central nervous system (CNS) in a single platform, on the basis of various literature surveys it describes different procedures to induce a single disease with the help of toxins/chemicals. It also includes numerous protocols for inducing single neurological diseases, thus fulfilling an urgent need for a book that makes specific procedures for neurological disorders available, so that specific disease can be induced in laboratories according to the availability of resources. Further, it acquaints readers with the pathological changes that occur in a particular neurological disorder, which reflect specific signs and symptoms of any particular disease, and examines how they affect everyday life. It is a valuable resource for researchers aiming to eradicate or improve neurological disorders by testing the benefits of different drugs.

Pharmaceutics-II

This book covers the most recent advances in the field of evolutionary multiobjective optimization. With the aim of drawing the attention of up-and-coming scientists towards exciting prospects at the forefront of computational intelligence, the authors have made an effort to ensure that the ideas conveyed herein are accessible to the widest audience. The book begins with a summary of

the basic concepts in multi-objective optimization. This is followed by brief discussions on various algorithms that have been proposed over the years for solving such problems, ranging from classical (mathematical) approaches to sophisticated evolutionary ones that are capable of seamlessly tackling practical challenges such as non-convexity, multi-modality, the presence of multiple constraints, etc. Thereafter, some of the key emerging aspects that are likely to shape future research directions in the field are presented. These include: optimization in dynamic environments, multi-objective bilevel programming, handling high dimensionality under many objectives, and evolutionary multitasking. In addition to theory and methodology, this book describes several real-world applications from various domains, which will expose the readers to the versatility of evolutionary multi-objective optimization.

Fundamentals of Electrical Engineering

The rapid growth of modern industry has resulted in a growing demand for construction materials with excellent operational properties. However, the improved features of these materials can significantly hinder their manufacture and, therefore, they can be defined as hard-to-cut. The main difficulties during the manufacturing/processing of hard-to-cut materials are attributed especially to their high hardness and abrasion resistance, high strength at room or elevated temperatures, increased thermal conductivity, as well as resistance to oxidation

and corrosion. Nowadays, the group of hard-to-cut materials is extensive and still expanding, which is attributed to the development of a novel manufacturing techniques (e.g., additive technologies). Currently, the group of hard-to-cut materials mainly includes hardened and stainless steels, titanium, cobalt and nickel alloys, composites, ceramics, as well as the hard clads fabricated by additive techniques. This Special Issue, “Advances in Hard-to-Cut Materials: Manufacturing, Properties, Process Mechanics and Evaluation of Surface Integrity”, provides the collection of research papers regarding the various problems correlated with hard-to-cut materials. The analysis of these studies reveals the primary directions regarding the developments in manufacturing methods, characterization, and optimization of hard-to-cut materials.

Handbook of Neurological Examination

National Academy Science Letters

It was nice sharing my thoughts with you Hope they were not too disturbing They were just the reality of this life In a way that I felt But I respect your way too If they are for the benefit of humanity I love writing about different people Especially from whom I get to learn something about this life Hope to meet you soon

Recent Advances in Evolutionary Multi-objective Optimization

Advanced level physics

A New Paradigm: We require systems which run parallel to natural ones, not against them. For example, regional, closed-loop (No waste, cradle to cradle), self-sufficient, & decentralized systems (Horizontal vs. Hierarchical). Sustainable systems which are NOT based on constant economic growth & consumption. The organization of self-managed, egalitarian, and highly co-operative societies. This will require a shift in consciousness which recognizes our interconnectedness and interdependence on each other and nature. A shift from ego-systems to eco-systems. Politicians are merely puppets (Pawns, proxies), of private interests. The media & governments role in two words- "controlled opposition" (Corporate tools). The fundamental problem is this entire unsustainable system driven by consumption & economic growth. A fraction of the resources spent on the military industrial complex, corporate welfare, etc. would solve all the ecological, social, and economic problems we face.

ISC Commerce Class-XI (Vol.I)

Reminiscent of R.K. Narayan's *Malgudi Days*, *Tamasha in Bandargaon*, with its interlinked stories, its effortless dialogue and wry humour, is at once enriching and entertaining.

Numerical Methods using MATLAB

Contributed papers of the workshop held at IIT, Madras, in 2003.

Modelling, Simulation and Intelligent Computing

This comprehensive and unique book is intended to cover the vast and fast-growing field of electrical and electronic materials and their engineering in accordance with modern developments. Basic and pre-requisite information has been included for easy transition to more complex topics. Latest developments in various fields of materials and their sciences/engineering, processing and applications have been included. Latest topics like PLZT, vacuum as insulator, fiber-optics, high temperature superconductors, smart materials, ferromagnetic semiconductors etc. are covered. Illustrations and examples encompass different engineering disciplines such as robotics, electrical, mechanical, electronics, instrumentation and control, computer, and their inter-disciplinary branches. A variety of materials ranging from iridium to garnets, microelectronics, micro alloys

to memory devices, left-handed materials, advanced and futuristic materials are described in detail.

Paradigm Shift

Understanding Information Technology series is written as per the requirements of the ICSE and CBSE schools, imparting knowledge in the field of Information and Technology. The series contains a number of special features: • The topics are explained in lucid language in a systematic way. • The series provides basic and comprehensive knowledge of the subject as per today's needs. • The presentation of the books makes the subject interesting for the students. • The series also contains a high-level language at all levels to develop the fundamental concept of programming techniques.

Computational Kinematics

The Physics of Semiconductor Devices

Advanced Electrical and Electronics Materials

This is the proceedings of IFToMM CK 2017, the 7th International Workshop on Computational Kinematics that was held in Futuroscope-Poitiers, France in May 2017. Topics treated include: kinematic design and synthesis, computational geometry in kinematics, motion analysis and synthesis, theory of mechanisms, mechanism design, kinematical analysis of serial and parallel robots, kinematical issues in biomechanics, molecular kinematics, kinematical motion analysis and simulation, geometric constraint solvers, deployable and tensegrity structures, robot motion planning, applications of computational kinematics, education in computational kinematics, and theoretical foundations of kinematics. Kinematics is an exciting area of computational mechanics and plays a central role in a great variety of fields and industrial applications nowadays. Apart from research in pure kinematics, the field deals with problems of practical relevance that need to be solved in an interdisciplinary manner in order for new technologies to develop. The results presented in this book should be of interest for practicing and research engineers as well as Ph.D. students from the fields of mechanical and electrical engineering, computer science, and computer graphics.

Pharmaceutics - I

S Chand's ISC Mathematics is structured according to the latest syllabus as per the new CISCE(Council for the Indian School Certificate Examinations), New Delhi, for

ISC students taking classes XI & XII examinations.

Animal Models of Neurological Disorders

The Smart & Innovative Book from Disha 'NTA NEET 101 Speed Tests' contains: 1. 96 Chapter-wise + 3 Subject-wise + 2 Full Syllabus Tests based on the NCERT & NEET Syllabus. 2. Carefully selected Questions (45 per Chapter /Subject & 180 per Full Test) that helps you assess & master the complete syllabus for NEET. 2. The book is divided into 3 parts: (a) 96 Chapter-wise Tests (28 in Physics, 30 in Chemistry & 38 in Biology); (b) 3 Subject-wise (1 each in Physics, Chemistry & Biology); (c) 2 Full Test of PCB. 3. Time Limit, Maximum Marks, Cutoff, Qualifying Score for each Test is provided. 4. These Tests will act as an Ultimate tool for Concept Checking & Speed Building. 5. Collection of 4815 MCQ's of all variety as per latest pattern & syllabus of NEET exam. This book, if completed with FULL HONESTY, will help you improve your score by 15-20%. A Must Have Book in the last 3-4 months of the exam and can be completed in 105 Hrs.

Sensors and Biosensors, MEMS Technologies and its Applications

Recent Trends in Materials and Devices

The Book Thoroughly The Following: Physical Chemistry With Detailed Concepts And Numerical Problems. Organic Chemistry With More Chemical Equations. Inorganic Chemistry With Theory And Examples. In Addition To A Well Explained Theory The Book Includes Well Categorized Classified And Sub-Classified Questions On The Basis Of Latest Trends Of Examination Papers. Salient Features As Per The Syllabus Of Engineering And Medical Entrance Examinations Previous Years Solved Papers Every Unit Contains (I) Main Highlights; (Ii) Multiple Choice Questions; (Iii) True And False Statements; (Iv)Hints And Solutions.

Multiscale Modelling of Advanced Materials

I-Dispensing Pharmacy - II-Dispensed Medications - a-Monophasic Liquid Dosage Forms - b-Biphasic Liquid Dosage Forms - c- Semi-solid Dosage Forms - III - Sterile Dosage Forms

Proceedings of the DAE Solid State Physics Symposium

ISC Mathematics book 1 for Class- 11

APC Understanding Information Technology 8

This book presents articles from the International Conference on Modelling, Simulation and Intelligent Computing (MoSICom 2020), held at Birla Institute of Technology and Science Pilani, Dubai Campus, Dubai, UAE, in January 2020. Modelling and simulation are becoming increasingly important in a wide variety of fields, from Signal, Image and Speech Processing, and Microelectronic Devices and Circuits to Intelligent Techniques, Control and Energy Systems, and Power Electronics. Further, Intelligent Computational techniques are gaining significance in interdisciplinary engineering applications, such as Robotics and Automation, Healthcare Technologies, IoT and its Applications. Featuring the latest advances in the field of engineering applications, this book serves as a definitive reference resource for researchers, professors and practitioners interested in exploring advanced techniques in the field of modelling, simulation and computing.

Dear Selene

This book provides a detailed understanding of various forming, machining, and post processing techniques. Working principle, process mechanism, salient features and latest developments are primarily focused. It presents some basic and

specialized processes to produce quality engineered parts. This book also incorporates some investigations on modelling, simulation and optimization of the aforementioned processes to improve quality and performance, productivity, and sustainability.

Antenna and Wave Propagation

Analog Communication Systems

Well-labelled illustrations, diagrams, tables, figures and experiments have been given to support the text, wherever necessary. At the end of each chapter, Key Terms have been given. A variety of Review Questions, according to the latest examination pattern, has been provided for adequate practice.

Engineering Materials

Transactions

This book presents the proceedings of the International Conference on Recent

Trends in Materials and Devices, which was conceived as a major contribution to large-scale efforts to foster Indian research and development in the field in close collaboration with the community of non-resident Indian researchers from all over the world. The research articles collected in this volume - selected from among the submissions for their intrinsic quality and originality, as well as for their potential value for further collaborations - document and report on a wide range of recent and significant results for various applications and scientific developments in the areas of Materials and Devices. The technical sessions covered include photovoltaics and energy storage, semiconductor materials and devices, sensors, smart and polymeric materials, optoelectronics, nanotechnology and nanomaterials, MEMS and NEMS, as well as emerging technologies.

Engineering Physics (Annual Pattern)

This book disseminates the current knowledge of semiconductor physics and its applications across the scientific community. It is based on a biennial workshop that provides the participating research groups with a stimulating platform for interaction and collaboration with colleagues from the same scientific community. The book discusses the latest developments in the field of III-nitrides; materials & devices, compound semiconductors, VLSI technology, optoelectronics, sensors, photovoltaics, crystal growth, epitaxy and characterization, graphene and other 2D materials and organic semiconductors.

NTA NEET 101 Speed Tests (96 Chapter-wise + 3 Subject-wise + 2 Full)

This volume covers the recent advances and research on the modeling and simulation of materials. The primary aim is to take the reader through the mathematical analysis to the theories of electricity and magnetism using multiscale modelling, covering a variety of numerical methods such as finite difference time domain (FDTD), finite element method (FEM) and method of moments. The book also introduces the multiscale Green's function (GF) method for static and dynamic modelling and simulation results of modern advanced nanomaterials, particularly the two-dimensional (2D) materials. This book will be of interest to researchers and industry professionals working on advanced materials.

Proceedings of Seventh International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012)

Physics of Semiconductor Devices Iwpsd-2003

Advances in Hard-to-Cut Materials

The book is a collection of high quality peer reviewed research papers presented in Seventh International Conference on Bio-Inspired Computing (BIC-TA 2012) held at ABV-IIIITM Gwalior, India. These research papers provide the latest developments in the broad area of "Computational Intelligence". The book discusses wide variety of industrial, engineering and scientific applications of nature/bio-inspired computing and presents invited papers from the inventors/originators of novel computational techniques.

Planet Earth in a Nutshell

ISC Commerce Class-XII (Vol.II)

Textbook of Neurology

ISC Commerce Class-XI (Vol.I)

Tamasha in Banderगाon

Divided into four parts: circuits, electronics, digital systems, and electromagnetics, this text provides an understanding of the fundamental principles on which modern electrical engineering is based. It is suitable for a variety of electrical engineering

courses, and can also be used as a text for an introduction to electrical engineering.

ICSE Biology Book-II For Class-X

ISC Commerce Class-XII (Vol.Ii)

Learn modern-day technologies from modern-day technical giants DESCRIPTION
The aim of this book is to help the readers understand the concept of artificial intelligence and deep learning methods and implement them into their businesses and organizations. The first two chapters describe the introduction of the artificial intelligence and deep learning methods. In the first chapter, the concept of human thinking process, starting from the biochemical responses within the structure of neurons to the problem-solving steps through computational thinking skills are discussed. All chapters after the first two should be considered as the study of different technological and Artificial Intelligence giants of current age. These chapters are placed in a way that each chapter could be considered a separate study of a separate company, which includes the achievements of intelligent services currently provided by the company, discussion on the business model of the company towards the use of the deep learning technologies, the advancement

of the web services which are incorporated with intelligent capability introduced by company, the efforts of the company in contributing to the development of the artificial intelligence and deep learning research. KEY FEATURES Real-world success and failure stories of artificial intelligence explained Understand concepts of artificial intelligence and deep learning methods Learn how to use artificial intelligence and deep learning methods Know how to prepare dataset and implement models using industry leading Python packages You'll be able to apply and analyze the results produced by the models for prediction WHAT WILL YOU LEARN How to use the algorithms written in the Python programming language to design models and perform predictions in general datasets Understand use cases in different industries related to the implementation of artificial intelligence and deep learning methods Learn the use of potential ideas in artificial intelligence and deep learning methods to improve the operational processes or new products and how services can be produced based on the methods WHO THIS BOOK IS FOR This book is targeted to business and organization leaders, technology enthusiasts, professionals, and managers who seek knowledge of artificial intelligence and deep learning methods. Table of Contents Artificial Intelligence and Deep Learning Data Science for Business Analysis Decision Making Intelligent Computing Strategies By Google Cognitive Learning Services in IBM Watson Advancement web services by Baidu Improved Social Business by Facebook Personalized Intelligent Computing by Apple Cloud Computing Intelligent by Microsoft

Objective Chemistry

Introduces Emerging Engineering Materials Mechanical, materials, and production engineering students can greatly benefit from Engineering Materials: Research, Applications and Advances. This text focuses heavily on research, and fills a need for current information on the science, processes, and applications in the field. Beginning with a brief overview, the book provides a historical and modern perspective on material science, and describes various types of engineering materials. It examines the industrial process for emerging materials, determines practical use under a wide range of conditions, and establishes what is needed to produce a new generation of materials. Covers Basic Concepts and Practical Applications The book consists of 18 chapters and covers a variety of topics that include functionally graded materials, auxetic materials, whiskers, metallic glasses, biocomposite materials, nanomaterials, superalloys, superhard materials, shape-memory alloys, and smart materials. The author outlines the latest advancements, including futuristic plastics, sandwich composites, and biodegradable composites, and highlights special kinds of composites, including fire-resistant composites, marine composites, and biomimetics. He also factors in current examples, future prospects, and the latest research underway in materials technology. Contains approximately 160 diagrams and 85 tables Incorporates examples, illustrations, and applications used in a variety of engineering disciplines Includes solved numerical examples and objective questions with answers Engineering Materials:

Research, Applications and Advances serves as a textbook and reference for advanced/graduate students in mechanical engineering, materials engineering, production engineering, physics, and chemistry, and relevant researchers and practicing professionals in the field of materials science.

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)