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Engineering Graphics for the First Year Student - (PGTL) P. J. Shah

Engineering Graphics, in its 13th year, has been succinctly revised for the Engineering students of 1st year of Gujarat Technological University, Ahmedabad Beginning with the units, dimensions and standard, this book discusses the measurement and measurement errors. Then, it goes on to discuss electronics equipment, measurements of low resistance and A.C. bridges. Moreover, the book deals with the cathode ray oscilloscopes. Further, it describes various instrument calibration. Finally, the book deals with recorders and plotters.

Electrical Wiring, Estimating and Costing - Uppal S L. 2003

Ad Hoc Networks - Jesús Hamilton Ortiz 2017-05-11

A mobile ad hoc network (MANET) is a collection of two or more wireless devices with the capability to communicate with each other without the aid of any centralized administrator. Ad hoc networks have no fixed routers, these nodes can be connected dynamically in an arbitrary manner. MANETs, due to their operational characteristics, the dynamics of their changes and the precariousness of their resources, offer huge challenges due to the architecture and service nature in the next generation of mobile communications. MANETs play an important role in the future of next-generation networks. This special collection identifies and studies the most important concerns in MANETs, and includes contributions from researchers, academics, etc.

Information and Communication Technology for Competitive Strategies - Simon Fong 2018-12-15

This book contains 74 papers presented at ICTCS 2017: Third International Conference on Information and Communication Technology for Competitive Strategies. The conference was held during 16-17 December 2017, Udaipur, India and organized by Association of Computing Machinery, Udaipur Professional Chapter in association with The Institution of Engineers (India), Udaipur Local Center and Global Knowledge Research Foundation. This book contains papers mainly focused on ICT for Computation, Algorithms and Data Analytics and IT Security etc.

The Gamma and Beta Functions - William Edwards Deming 1944

Data and Communication Networks - Lakhmi C. Jain 2018-12-29

The book constitutes selected high quality papers presented in International Conference on Computing, Power and Communication Technologies 2018 (GUCON 2018) organised by Galgotias University, India, in September 2018. It discusses issues in electrical, computer and electronics engineering and technologies. The selected papers are organised into three sections - cloud computing and computer networks; data mining and big data analysis; and bioinformatics and machine learning. In-depth discussions on various issues under these topics provides an interesting compilation for researchers, engineers, and students.

Project X Comprehension Express Catch-Up Tutoring - Oxford Editor 2020-11-16

Communication and Intelligent Systems - Jagdish Chand Bansal 2020-04-09

This book gathers selected research papers presented at the International Conference on Communication and Intelligent Systems (ICCIS 2019), organised by Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, India and Rajasthan Technical University, Kota, India on 9-10

November 2019. This book presents a collection of state-of-the-art research work involving cutting-edge technologies for communication and intelligent systems. Over the past few years, advances in artificial intelligence and machine learning have sparked new research efforts around the globe, which explore novel ways of developing intelligent systems and smart communication technologies. The book presents single- and multi-disciplinary research on these themes in order to make the latest results available in a single, readily accessible source.

Distributed Systems - George F. Coulouris 2001

The chapters in this new edition have been revised and updated. New material includes coverage of large-scale applications, fault modelling and fault tolerance, models of system execution, object orientation and distributed multimedia systems.

Natural Realism and Contact Theory of Perception - Chittaranjan Naik 2019-09-27

If you were told that we perceive the world directly without the causal intervention of the physical brain, or that we see the distant stars instantaneously without their light having to reach our sense organs, would the idea sound incredible to you? Farfetched as it may seem, this idea, the author argues, comes from the time-tested contact theory of perception. Upheld by the Indian philosophical tradition for over 2000 years, it unfolds a definitively coherent process of perception, unlike the stimulus-response theory of perception espoused by empirical science which suffers from a host of logical inconsistencies. The contact theory of perception is a paradigm-changing theory and it has the potential to take us to a domain of knowledge beyond science and to cause a radical transformation in the way we look at the universe we live in.

Although a serious philosophical work, the language and lucid style of the presentation should appeal to a wide spectrum of people - from academic philosophers to curious aspirants. If philosophy or the philosophical traditions of India interests you, you cannot afford to ignore this book. But be forewarned: it will challenge the deep-rooted ideas that have become integral to your personal consciousness!

Urnabhih: A Mauryan Tale of Espionage, Adventure and Seduction - Sumedha Verma Ojha 2014-10-14

Misrakesi comes to the newly-formed Mauryan court with a mission-to avenge the death of her sister. However, an encounter with Chanakya, the man she had planned to kill, sets her on an unexpected path...She lands the highly-coveted job of a spy, masquerading as a dancing girl. In a kingdom fraught with intrigue, Misrakesi must always remain one step ahead. With the help of her handsome but arrogant chief Pushyamitra, she must concoct the perfect blend of sweetness and seduction to vanquish the enemies of the state. But when she is sent to subtly conquer a powerful neighboring kingdom, she might be in for more than what she bargained for. Will she succeed in her mission? Or more importantly, will she even survive to tell the tale? Meticulously researched, this historical page-turner packs in romance, political intrigue, and mystery to make for a racy read.

The Death and Afterlife of Mahatma Gandhi - Makarand R Paranjape 2015-01-30

"The Death and Afterlife of Mahatma Gandhi is an explosive and original analysis of the assassination of the 'Father of the Nation'. Who is responsible for the Mahatma's death? Just one determined zealot, the larger ideology that supported him, the Congress-led Government that failed to protect him, or a vast majority of Indians and their descendants who considered Gandhi irrelevant, and endorsed violence instead?

Paranjape's meticulous study culminates in his reading of Gandhi's last six months in Delhi where, from the

very edge of the grave, he wrought what was perhaps his greatest miracle - the saving of Delhi and thus of India itself from the internecine bloodshed of Partition. Paranjape, taking a cue from the Mahatma himself, also shows us a way to expiate our guilt and to heal the wounds of an ancient civilization torn into two. This is a brilliant, far-reaching and profound exploration of the meaning of the Mahatma's death."

Automotive Engineering - David Crolla 2009-08-13

A one-stop reference for automotive and other engineers involved in vehicle and automotive technologies. The book provides essential information on each of the main automotive systems (engines; powertrain and chassis; bodies; electrical systems) plus critical external factors that engineers need to engage with, such as hybrid technologies, vehicle efficiency, emissions control and performance optimization. * Definitive content by the leading authors in the field * A thorough resource, providing all the essential material needed by automotive and mechanical engineers on a day-to-day basis * Fundamentals, key techniques, engineering best practice and know-how together in one quick-reference sourcebook * Focuses on what engineers need to know: engineering fundamentals, key associated technologies, environmental and efficiency engineering, and sustainability, as well as market-driven requirements such as reliability, safety, and comfort * Accompanied by multi-body dynamics and tire dynamic modeling software

An Introduction to Modern Vehicle Design - John Haptian-Smith 2001

An Introduction to Modern Vehicle Design starts from basic principles and builds up analysis procedures for all major aspects of vehicle and component design. Subjects of current interest to the motor industry - such as failure prevention, designing with modern material, ergonomics, and control systems - are covered in detail, with a final chapter discussing future trends in automotive design. Extensive use of illustrations, examples, and case studies provides the reader with a thorough understanding of design issues and analysis methods.

Electronic Communications Systems - William C. House 1980

U.S. Banking Deregulation, Small Businesses, and Interstate Insurance of Personal Income - Yuliya Demyanyk 2010

We estimate the effects of deregulation of U.S. banking restrictions on the amount of interstate personal income insurance during the period 1970-2001. Interstate income insurance occurs when personal income reacts less than one-to-one to state-specific shocks to output. We find that income insurance improved after banking deregulation, and that this effect is larger in states where small businesses are more important. We further show that the impact of deregulation is stronger for proprietors' income than other components of personal income. Our explanation of this result enters on the role of banks as a prime source of small business finance and on the close intertwining of the personal and business finances of small business owners. Our analysis casts light on the real effects of bank deregulation, on the risk sharing function of banks, and on the integration of bank markets.

Engineering Drawing And Graphics - Ke Vēṇugōpāl 2007

This Book Provides A Systematic Account Of The Basic Principles Involved In Engineering Drawing. The Treatment Is Based On The First Angle Projection. Salient Features: * Nomography Explained In Detail. * 555 Self-Explanatory Solved University Problems. * Step-By-Step Procedures. * Side-By-Side Simplified Drawings. * Adopts B.I.S. And I.S.O. Standards. * 1200 Questions Included For Self Test. The Book Would Serve As An Excellent Text For B.E., B.Tech., B.Sc. (Ap. Science) Degree And Diploma Students Of Engineering. Amie Students Would Also Find It Extremely Useful.

Advanced Computational and Communication Paradigms - Siddhartha Bhattacharyya 2018-04-20

The book titled Advanced Computational and Communication Paradigms: Proceedings of International Conference on ICACCP 2017, Volume 2 presents refereed high-quality papers of the First International Conference on Advanced Computational and Communication Paradigms (ICACCP 2017) organized by the Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, held from 8- 10 September 2017. ICACCP 2017 covers an advanced computational paradigms and communications technique which provides failsafe and robust solutions to the emerging problems faced by mankind. Technologists, scientists, industry professionals and research scholars from regional, national and international levels are invited to present their original unpublished work in this conference. There were

about 550 technical paper submitted. Finally after peer review, 142 high-quality papers have been accepted and registered for oral presentation which held across 09 general sessions and 05 special sessions along with 04 keynote address and 06 invited talks. This volume comprises 77 accepted papers of ICACCP 2017. **Introduction to Tribology of Bearings** - Majumdar 2008

The book discusses the basic principles and equations governing Hydrodynamic, Hydrostatic, Elastohydrodynamic and Gas Lubrication. The author has made an effort to explain the theory and present an exposition of the fundamentals of fluid film bearings, rolling element bearings, friction and wear of metals.

Foundation Vibration Analysis Using Simple Physical Models - John P. Wolf 1994-05-11

This book provides simple physical models to represent the unbounded soil in time and frequency domain analysis. They do not supplant the more generally applicable rigorous methods, but rather supplement them. The physical models used consists of the following representations: cones based one-dimensional rod theory; lumped-parameter models with frequency-independent springs, dashpots, and masses; and prescribed wave patterns in the horizontal plane. The physical models thus offer a strength-of-materials approach to foundation dynamics.

Antenna and Wave Propagation - K.D. Prasad 1996

The Feynman lectures on physics: Mainly electromagnetism and matter - 1965

Tales of the Quantum - Art Hobson 2017

"Tales of the Quantum" is a discussion of the fundamental principles of quantum physics for the non-scientific reader. Hobson brings together examples that illustrate the simple and logical consistency of what otherwise is viewed as a largely unapproachable topic for anyone but physicists. The book condenses topics like force, motion, and electromagnetism"--

Nanoelectronics and Photonics - Anatoli Korokin 2008-09-23

Nanoelectronics and Photonics provides a fundamental description of the core elements and problems of advanced and future information technology. The authoritative book collects a series of tutorial chapters from leaders in the field covering fundamental topics from materials to devices and system architecture, and bridges the fundamental laws of physics and chemistry of materials at the atomic scale with device and circuit design and performance requirements.

Fundamentals of Power System Protection - Paithankar Y. G. 2010

Utilization Of Electric Power & Electric Traction - J. B. Gupta 2009-01-01

Information Centric Networks (ICN) - Nitul Dutta 2021-08-27

This book aimed at bringing an insight to the ICN network, particularly various architectures, issues and challenges in the new networking paradigm. The book starts with an introduction to the new promising concept of ICN and its origin along with the reason behind this interesting innovation. Different architectures proposed so far in support of implementing the ICN is also discussed in details. Few of the challenges of ICN implementation are enlisted as caching, naming, routing, and security. Each of these challenges with recent development is covered in individual chapters. Moreover, integration of current trends in communication and computing like software defined networking and machine learning approach are another area that this book is focusing. All these chapters highlight the recent developments reported in the area and also discusses the future trends. The book provides an overview of the recent developments in future internet technologies, bringing together the advancements that have been made in ICN. The book includes three unique chapters in the field of ICN research. The first, is the SDN framework for implementing ICN by decoupling data and control plan. The machine learning models for predicting future trends in network traffic and other management activities is another important chapter. This chapter includes the possibilities of using machine learning models for trend prediction to help network administrators and service providers to take care of unexpected sudden change traffic pattern and user behaviour. The third most vital chapter is the security issues in ICN. This chapter includes various facts

that influences the security of ICN. Issues involved in naming, caching and routing are discussed separately along with few recent works in these areas. Various types of attacks in ICN are also part of the discussion. The stated book would be useful for researchers in this area and will work as a reference for future work. Moreover, the content of the book would also be suitable as a supporting material for undergraduate and graduate level courses in computer science and electrical engineering.

The Role of Technology in Water Resources Planning and Management - Elizabeth M. Perez 2009

Technology plays a vital role in influencing sound decisions regarding water resources. The mission of this book is to show the impact technology has had on water resource planning and management historically, and into the future. This study provides: The range of technologies applicable to water resource planning, management, and policy making The research and analysis of new technologies such as adaptive management, shared vision modeling, and geographic information systems A foundation for research into similar disciplines Selected case studies cover a variety of settings, materials, and insights into new technological approaches. This publication is a valuable resource for students, engineers, practitioners, and educators.

Practical Physics - G. L. Squires 2001-08-30

Publisher Description

Hvdc Transmission - Kamakshaiah 2011

Electrical Design Estimating and Costing - K. B. Raina 2007

The Subject Electrical Design Estimating And Costing Covers An Important Functional Area Of An Electrical Diploma Holder. The Subject Is Taught In Various Forms In Different States. In Some States, It Is Covered Under Two Subjects, Namely, Electrical Design & Drawing And Electrical Estimating & Costing. In Some States It Is Taught As An Integrated Subject But Is Split Into Two Or Three Parts To Be Taught In Different Semesters. To Cater To The Needs Of Polytechnics Of Different States, The Content Of The Course Has Been Developed By Consulting The Curricula Of Various State Boards Of Technical Education In The Country. In Addition To Inclusion Of Conventional Topics, A Chapter On Motor Control Circuits Has Been Included In This Book. This Topic Is Of Direct Relevance To The Needs Of Industries And, As Such, Finds Prominent Place In The Curricula Of Most Of The States Of India. The Book Covers Topics Like Symbols And Standards, Design Of Light And Fan Circuits, Alarm Circuits, Panel Boards Etc. Design Of Electrical Installations For Residential And Commercial Buildings As Well As Small Industries Has Been Dealt With In Detail. In Addition, Design Of Overhead And Underground Transmission And Distribution Lines, Sub-Stations And Design Of Illumination Schemes Have Also Been Included. The Book Contains A Chapter On Motor Circuit Design And A Chapter On Design Of Small Transformers And Chokes. The Book Contains Theoretical Explanations Wherever Required. A Large Number Of Solved Examples Have Been Given To Help Students Understand The Subject Better. The Authors Have Built Up The Course From Simple To Complex And From Known To Unknown. Examples Have Generally Been Taken From Practical Situations. Indeed, Students Will Find This Book Useful Not Only For Passing Examinations But Even More During Their Professional Career.

Vibrations and Waves A.P. French 2017-12-21

The M.I.T. Introductory Physics Series is the result of a program of careful study, planning, and development that began in 1960. The Education Research Center at the Massachusetts Institute of Technology (formerly the Science Teaching Center) was established to study the process of instruction, aids thereto, and the learning process itself, with special reference to science teaching at the university level. Generous support from a number of foundations provided the means for assembling and maintaining an experienced staff to co-operate with members of the Institute's Physics Department in the examination, improvement, and development of physics curriculum materials for students planning careers in the sciences. After careful analysis of objectives and the problems involved, preliminary versions of textbooks

were prepared, tested through classroom use at M.I.T. and other institutions, re-evaluated, rewritten, and tried again. Only then were the final manuscripts undertaken.

Engineering Physics Practical -

Business Management for Entrepreneurs - Cecile Nieuwenhuizen 2007

Business Management for Entrepreneurs introduces entrepreneurs and managers of small and medium-sized businesses to all the functions needed to manage these organizations successfully. This is an essential guide to the small business management competencies that are essential for the success of a smaller business.

Gas Age - 1909

Includes summaries of proceedings and addresses of annual meetings of various gas associations. L.C. set includes an index to these proceedings, 1884-1902, issued as a supplement to Progressive age, Feb. 15, 1910.

Recent Developments in Waste Management - Ajay S. Kalamdhad 2020-01-03

This volume presents select papers presented during the Second International Conference on Waste Management held at IIT Guwahati. The book comprises of eight sections, and deals with various technologies associated with curbing of different environmental issues as well as management and legislative policies associated with them. This book will be of interest to various researchers, students, policy makers and people who pursue keen interest in the waste management techniques and policies.

Intelligent Data Engineering and Analytics - Suresh Chandra Satapathy 2020-08-29

This book gathers the proceedings of the 8th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2020), held at NIT Surathkal, Karnataka, India, on 4-5 January 2020. In these proceedings, researchers, scientists, engineers and practitioners share new ideas and lessons learned in the field of intelligent computing theories with prospective applications in various engineering disciplines. The respective papers cover broad areas of the information and decision sciences, and explore both the theoretical and practical aspects of data-intensive computing, data mining, evolutionary computation, knowledge management and networks, sensor networks, signal processing, wireless networks, protocols and architectures. Given its scope, the book offers a valuable resource for graduate students in various engineering disciplines.

Applied Information Processing Systems - Brijesh Iyer 2021-07-20

This book is a collection of selected high-quality research papers presented at the International Conference on Computing in Engineering and Technology (ICCET 2021), organized by Dr. Babasaheb Ambedkar Technological University, Lonere, India, during January 30-31, 2021. Focusing on frontier topics and next-generation technologies, it presents original and innovative research from academics, scientists, students and engineers alike. The theme of the conference is Applied Information Processing System.

Indian Knowledge Systems Kapil Kapoor 2005

Contributed articles on Intellectual life and Hindu civilization presented at a seminar held in Shimla at 2003.

Wireless Communication - Upena Dalal 2009

Beginning with an overview of current scenario in the study of wireless communication systems and the presentation of fundamental concepts, the book gradually discusses each block of wireless link in detail including coding, modulation and the advanced topics such as multiplexing, mobile communication, software radio, OFDM and MIMO. All the chapters start with the simpler topics and gradually build up the advanced concepts through detailed explanations and illustrations. The chapters are extremely student friendly with rich pedagogy including case studies, solved examples, review questions, numerical problems and multiple choice questions to help students revise the concepts learnt through visualization and practice.