

Analog Communication Lab Manual Kolhapur

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Futuristic Trends in Network and Communication Technologies - Pradeep Kumar Singh 2018-12-24

This book constitutes the refereed proceedings of the First International Conference on Futuristic Trends in Network and Communication Technologies, FTNCT 2018, held in Solan, India, in February 2018. The 37 revised full papers presented were carefully reviewed and selected from 239 submissions. The

prime aim of the conference is to invite researchers from different domains of network and communication technologies to a single platform to showcase their research ideas. The selected papers are organized in topical sections on communication technologies, Internet of Things (IoT), network technologies, and wireless networks.

Semiconductor Device Modelling - Christopher M.

Snowden 2012-12-06
Semiconductor device modelling has developed in recent years from being solely the domain of device physicists to span broader technological disciplines involved in device and electronic circuit design and development. The rapid emergence of very high speed, high density integrated circuit technology and the drive towards high speed communications has meant that extremely small-scale device structures are used in contemporary designs. The characterisation and analysis of these devices can no longer be satisfied by electrical measurements alone. Traditional equivalent circuit models and closed-form analytical models cannot always provide consistently accurate results for all modes of operation of these very small devices. Furthermore, the highly competitive nature of the semiconductor industry has led to the need to minimise development costs and lead-time associated with introducing new designs. This

has meant that there has been a greater demand for models capable of increasing our understanding of how these devices operate and capable of predicting accurate quantitative results. The desire to move towards computer aided design and expert systems has reinforced the need for models capable of representing device operation under DC, small-signal, large-signal and high frequency operation. It is also desirable to relate the physical structure of the device to the electrical performance. This demand for better models has led to the introduction of improved equivalent circuit models and an upsurge in interest in using physical models.

Antennas and Wave Propagation - G. S. N. Raju
2006

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

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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.

Recent Trends in Image Processing and Pattern Recognition

- K. C. Santosh
2021-03-22

This two-volume set constitutes the refereed proceedings of the Third International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R) 2020, held in Aurangabad, India, in January 2020. The 78 revised full papers presented were carefully reviewed and selected from 329 submissions. The papers are organized in topical sections in the two volumes. Part I: Computer vision and applications; Data science and machine learning; Document understanding and Recognition. Part II: Healthcare informatics and medical imaging; Image

analysis and recognition; Signal processing and pattern recognition; Image and signal processing in Agriculture.

Design with PIC

Microcontrollers - John B. Peatman 1998

Peatman uses detailed block diagrams to illustrate all control bits, status bits and registers associated with assorted functions. He also uses examples throughout to illustrate points and to show readers how issues can be handled.

MATLAB Programming for Engineers

- Stephen J. Chapman 2015-05-08

Emphasizing problem-solving skills throughout, this fifth edition of Chapman's highly successful book teaches MATLAB as a technical programming language, showing students how to write clean, efficient, and well-documented programs, while introducing them to many of the practical functions of MATLAB. The first eight chapters are designed to serve as the text for an Introduction to Programming / Problem

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Solving course for first-year engineering students. The remaining chapters, which cover advanced topics such as I/O, object-oriented programming, and Graphical User Interfaces, may be covered in a longer course or used as a reference by engineering students or practicing engineers who use MATLAB. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Advances in

Interdisciplinary

Engineering - Mukul Kumar
2020-08-14

This book presents select proceedings of the International Conference on Future Learning Aspects of Mechanical Engineering (FLAME 2018). The book discusses interdisciplinary areas such as automobile engineering, mechatronics, applied and structural mechanics, bio-mechanics, biomedical instrumentation, ergonomics, biodynamic modeling, nuclear engineering,

agriculture engineering, and farm machineries. The contents of the book will benefit both researchers and professionals.

Advanced Materials and Manufacturing Processes - Gurugubelli Swami Naidu
2018-06-22

International conference on Advanced Materials and Manufacturing Processes (ICAMMP 18) Selected, peer reviewed papers from the International Conference on Advanced Materials and Manufacturing Processes (ICAMMP 2018), March 30 - 31, 2018, Vizianagaram, India

Digital Systems Design With Vhdl And Synthesis: An Integrated Approach - Chang
2007-01-10

This book presents an integrated approach to digital design principles, processes, and implementations to help the reader design increasingly complex systems within shorter design cycles. It also introduces digital design concepts, VHDL coding, VHDL simulation, synthesis commands, and strategies together. · VHDL and Digital

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Circuit Primitives· VHDL Simulation and Synthesis Environment and Design Process· Basic Combinational Circuits· Basic Binary Arithmetic Circuits· Basic Sequential Circuits· Registers· Clock and Reset Circuits· Dual-Port RAM, FIFO, and DRAM Modeling· A Design Case Study: Finite Impulse Response Filter ASIC Design· A Design Case Study: A Microprogram Controller Design· Error Detection and Correction· Fixed-Point Multiplication· Fixed-Point Division· Floating-Point Arithmetic

[Proceedings of International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications](#) - Vinit Kumar Gunjan 2020-10-17

This book gathers selected research papers presented at the International Conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications (ICMISC 2020), held on 29–30 March 2020 at CMR Institute of Technology, Hyderabad, Telangana, India. Discussing current trends in machine learning, Internet of

things, and smart cities applications, with a focus on multi-disciplinary research in the area of artificial intelligence and cyber-physical systems, this book is a valuable resource for scientists, research scholars and PG students wanting formulate their research ideas and find the future directions in these areas. Further, it serves as a reference work anyone wishing to understand the latest technologies used by practicing engineers around the globe.

A VHDL Synthesis Primer, Second Edition - J. Bhasker
2011-12-09

Learn to model for synthesis using VHDL. See the details of how VHDL gets translated into logic gates in this book. Also, see how hardware elements are described in synthesizable VHDL. This book is a must primer for anyone who is beginning to learn synthesis using VHDL. A chapter on verification explains the many causes of simulation mismatches between pre and post synthesis models and how to avoid these. Modeling

guidelines are also provided to help improve synthesis results.

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.

Advances in Cybernetics, Cognition, and Machine Learning for Communication Technologies -

Vinit Kumar

Gunjan 2020-04-28

This book highlights recent advances in Cybernetics,

Machine Learning and Cognitive Science applied to Communications Engineering and Technologies, and presents high-quality research conducted by experts in this area. It provides a valuable reference guide for students, researchers and industry practitioners who want to keep abreast of the latest developments in this dynamic, exciting and interesting research field of communication engineering, driven by next-generation IT-enabled techniques. The book will also benefit practitioners whose work involves the development of communication systems using advanced cybernetics, data processing, swarm intelligence and cyber-physical systems; applied mathematicians; and developers of embedded and real-time systems. Moreover, it shares insights into applying concepts from Machine Learning, Cognitive Science, Cybernetics and other areas of artificial intelligence to wireless and mobile systems, control systems and biomedical

engineering.

India's New Capitalists - H.

Damodaran 2008-06-25

In order to do business effectively in contemporary South Asia, it is necessary to understand the culture, the ethos, and the region's new trading communities. In tracing the modern-day evolution of business communities in India, this book uses social history to systematically document and understand India's new entrepreneurial groups.

A Practical Approach to Signals and Systems - D. Sundararajan

2009-03-04

Concisely covers all the important concepts in an easy-to-understand way. Gaining a strong sense of signals and systems fundamentals is key for general proficiency in any electronic engineering discipline, and critical for specialists in signal processing, communication, and control. At the same time, there is a pressing need to gain mastery of these concepts quickly, and in a manner that will be immediately applicable in the real world. Simultaneous study

of both continuous and discrete signals and systems presents a much easier path to understanding signals and systems analysis. In *A Practical Approach to Signals and Systems*, Sundararajan details the discrete version first followed by the corresponding continuous version for each topic, as discrete signals and systems are more often used in practice and their concepts are relatively easier to understand. In addition to examples of typical applications of analysis methods, the author gives comprehensive coverage of transform methods, emphasizing practical methods of analysis and physical interpretations of concepts. Gives equal emphasis to theory and practice. Presents methods that can be immediately applied. Complete treatment of transform methods. Expanded coverage of Fourier analysis. Self-contained: starts from the basics and discusses applications. Visual aids and examples makes the subject easier to understand. End-of-chapter exercises, with a

extensive solutions manual for instructors MATLAB software for readers to download and practice on their own Presentation slides with book figures and slides with lecture notes A Practical Approach to Signals and Systems is an excellent resource for the electrical engineering student or professional to quickly gain an understanding of signal analysis concepts - concepts which all electrical engineers will eventually encounter no matter what their specialization. For aspiring engineers in signal processing, communication, and control, the topics presented will form a sound foundation to their future study, while allowing them to quickly move on to more advanced topics in the area. Scientists in chemical, mechanical, and biomedical areas will also benefit from this book, as increasing overlap with electrical engineering solutions and applications will require a working understanding of signals. Compact and self contained, A Practical Approach to Signals

and Systems be used for courses or self-study, or as a reference book.

Wavelet Transforms -
Raghuveer M. Rao 1999

Fundamentals of Signals and Systems - Benoit Boulet 2006

This book is a self-contained introduction to the theory of signals and systems, which lies at the basis of many areas of electrical and computer engineering. In the seventy short lectures, formatted to facilitate self-learning and to provide easy reference, the book covers such topics as linear time-invariant (LTI) systems, the Fourier transform, the Laplace Transform and its application to LTI differential systems, state-space systems, the z-transform, signal analysis using MATLAB, and the application of transform techniques to communication systems. A wide array of technologies, including feedback control, analog and discrete-time filters, modulation, and sampling systems are discussed in

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connection with their basis in signals and systems theory. The accompanying CD-ROM includes applets, source code, sample examinations, and exercises with selected solutions.

Chemistry for Sustainable Development - Minu Gupta

Bhowon 2012-01-08

Chemistry for Sustainable Development is a collection of selected papers by the participants of the International Conference on Pure and Applied Chemistry (ICPAC 2010) on the theme of "Chemistry for Sustainable Development" held in Mauritius in July 2010. In light of the significant progresses and challenges in the development and implementation of green and sustainable chemistry, this volume reviews the recent results generated by a more efficient use of resources to minimize carbon footprints, to foster the eradication or minimisation of solvent use in chemistry, and to deliver processes which lead to increased harmony between

chemistry and the environment. Chemistry for Sustainable Development is written for graduates, postgraduates, researchers in industry and academia who have an interest in the fields ranging from fundamental to applied chemistry.

Futuristic Communication and Network Technologies -

A. Sivasubramanian

2021-10-11

This book presents select proceedings of the International Conference on Futuristic Communication and Network Technologies (CFCNT 2020) conducted at Vellore Institute of Technology, Chennai. It covers various domains in communication engineering and networking technologies. This volume comprises of recent research in areas like optical communication, optical networks, optics and optical computing, emerging trends in photonics, MEMS and sensors, active and passive RF components and devices, antenna systems and applications, RF devices and

antennas for microwave emerging technologies, wireless communication for future networks, signal and image processing, machine learning/AI for networks, internet of intelligent things, network security and blockchain technologies. This book will be useful for researchers, professionals, and engineers working in the core areas of electronics and communication.

More Than Screen Deep -
National Research Council
1997-10-12

The national information infrastructure (NII) holds the promise of connecting people of all ages and descriptions—bringing them opportunities to interact with businesses, government agencies, entertainment sources, and social networks. Whether the NII fulfills this promise for everyone depends largely on interfaces—technologies by which people communicate with the computing systems of the NII. *More Than Screen Deep* addresses how to ensure

NII access for every citizen, regardless of age, physical ability, race/ethnicity, education, ability, cognitive style, or economic level. This thoughtful document explores current issues and prioritizes research directions in creating interface technologies that accommodate every citizen's needs. The committee provides an overview of NII users, tasks, and environments and identifies the desired characteristics in every-citizen interfaces, from power and efficiency to an element of fun. The book explores: Technological advances that allow a person to communicate with a computer system. Methods for designing, evaluating, and improving interfaces to increase their ultimate utility to all people. Theories of communication and collaboration as they affect person-computer interactions and person-person interactions through the NII. Development of agents: intelligent computer systems that "understand" the user's needs and find the solutions. Offering data,

examples, and expert commentary, *More Than Screen Deep* charts a path toward enabling the broadest-possible spectrum of citizens to interact easily and effectively with the NII. This volume will be important to policymakers, information system designers and engineers, human factors professionals, and advocates for special populations.

Intelligent Computing and Information and

Communication - Subhash Bhalla 2018-01-19

The volume presents high quality research papers presented at Second International Conference on Information and Communication Technology for Intelligent Systems (ICICC 2017). The conference was held during 2-4 August 2017, Pune, India and organized communally by Dr. Vishwanath Karad MIT World Peace University, Pune, India at MIT College of Engineering, Pune and supported by All India Council for Technical Education (AICTE) and Council of Scientific and Industrial

Research (CSIR). The volume contains research papers focused on ICT for intelligent computation, communications and audio, and video data processing.

Survey Manual for Tropical Marine Resources - Susan Anne English 1997

A Field Guide to Genetic Programming - 2008

Genetic programming (GP) is a systematic, domain-independent method for getting computers to solve problems automatically starting from a high-level statement of what needs to be done. Using ideas from natural evolution, GP starts from an ooze of random computer programs, and progressively refines them through processes of mutation and sexual recombination, until high-fitness solutions emerge. All this without the user having to know or specify the form or structure of solutions in advance. GP has generated a plethora of human-competitive results and applications, including novel scientific

discoveries and patentable inventions. This unique overview of this exciting technique is written by three of the most active scientists in GP. See

www.gp-field-guide.org.uk for more information on the book.

Multimedia Fundamentals, Volume 1 - Ralf Steinmetz
2002-01-16

The state-of-the-art in multimedia content analysis, media foundations, and compression Covers digital audio, images, video, graphics, and animation Includes real-world project sets that help you build and test your expertise By two of the world's leading experts in advanced multimedia systems development The practical, example-rich guide to media coding and content processing for every multimedia developer. From DVDs to the Internet, media coding and content processing are central to the effective delivery of high-quality multimedia. In this book, two of the field's leading experts introduce today's state-of-the-art, presenting realistic

examples and projects designed to help implementers create multimedia systems with unprecedented performance. Ralf Steinmetz and Klara Nahrstedt introduce the fundamental characteristics of digital audio, images, video, graphics, and animation; demonstrate powerful new approaches to content analysis and compression; and share expert insights into system and end-user issues every advanced multimedia professional must understand. Coverage includes: Generic characteristics of multimedia and data streams, and their impact on multimedia system design Essential audio concepts and representation techniques: sound perception, psychoacoustics, music, MIDI, Speech signals, and related I/O and transmission issues Graphics and image characteristics: image formats, analysis, synthesis, reconstruction, and output Video signals, television formats, digitization, and computer-based animation issues Fundamental compression methods: run-

length, Huffman, and subband coding
Multimedia compression standards: JPEG, H.232, and various MPEG techniques
Optical storage technologies and techniques: CD-DA, CD-ROM, DVD, and beyond
Content processing techniques: Image analysis, video processing, cut detection, and audio analysis
First in an authoritative 3-volume set on tomorrow's robust multimedia desktop: real-time audio, video, and streaming media.
Multimedia Fundamentals offers a single, authoritative source for the knowledge and techniques you need to succeed with any advanced multimedia development project. Look for Volume 2 focusing on networking and operating system-related issues, and Volume 3 focusing on service and application issues.

Internet of Things in Smart Technologies for Sustainable Urban Development - G. R.

Kanagachidambaresan
2020-04-29

This book provides solution for

challenges facing engineers in urban environments looking towards smart development and IoT. The authors address the challenges faced in developing smart applications along with the solutions. Topics addressed include reliability, security and financial issues in relation to all the smart and sustainable development solutions discussed. The solutions they provide are affordable, resistive to threats, and provide high reliability. The book pertains to researchers, academics, professionals, and students. Provides solutions to urban sustainable development problems facing engineers in developing and developed countries
Discusses results with industrial problems and current issues in smart city development
Includes solutions that are reliable, secure and financially sound

Techno-Societal 2020 -

Prashant M. Pawar 2021-06-19

This book, divided in two volumes, originates from Techno-Societal 2020: the 3rd International Conference on

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Advanced Technologies for Societal Applications, Maharashtra, India, that brings together faculty members of various engineering colleges to solve Indian regional relevant problems under the guidance of eminent researchers from various reputed organizations. The focus of this volume is on technologies that help develop and improve society, in particular on issues such as advanced and sustainable technologies for manufacturing processes, environment, livelihood, rural employment, agriculture, energy, transport, sanitation, water, education. This conference aims to help innovators to share their best practices or products developed to solve specific local problems which in turn may help the other researchers to take inspiration to solve problems in their region. On the other hand, technologies proposed by expert researchers may find applications in different regions. This offers a multidisciplinary platform for researchers from a broad range of disciplines of Science,

Engineering and Technology for reporting innovations at different levels.

Introduction to Information Retrieval - Christopher D. Manning 2008-07-07

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural

and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

Fuzzy Control Systems - Abraham Kandel 1993-09-27
Fuzzy Control Systems explores one of the most active areas of research involving fuzzy set theory. The contributors address basic issues concerning the analysis, design, and application of fuzzy control systems. Divided into three parts, the book first devotes itself to the general theory of fuzzy control systems. The second part deals with a variety of methodologies and algorithms used in the analysis and design of fuzzy controllers. The various paradigms include fuzzy reasoning models, fuzzy neural networks, fuzzy expert systems, and genetic algorithms. The final part considers current applications of fuzzy control systems. This book should be required reading for researchers, practitioners, and students

interested in fuzzy control systems, artificial intelligence, and fuzzy sets and systems.

Advances in Communication, Signal Processing, VLSI, and Embedded Systems -

Shubhakar Kalya 2019-11-30
This book comprises selected peer-reviewed papers from the International Conference on VLSI, Signal Processing, Power Systems, Illumination and Lighting Control, Communication and Embedded Systems (VSPICE-2019). The contents are divided into five broad topics - VLSI and embedded systems, signal processing, power systems, illumination and control, and communication and networking. The book focuses on the latest innovations, trends, and challenges encountered in the different areas of electronics and communication, and electrical engineering. It also offers potential solutions and provides an insight into various emerging areas such as image fusion, bio-sensors, and underwater sensor networks.

This book can prove to be useful for academics and professionals interested in the various sub-fields of electronics and communication engineering.

Acronyms, Initialisms & Abbreviations Dictionary -

Gale Research Company 1999

Each volume separately titled:

v. 1, Acronyms, initialisms & abbreviations dictionary; v. 2, New acronyms, initialisms & abbreviations (formerly issued independently as New acronyms and initialisms); v. 3, Reverse acronyms, initialisms & abbreviations dictionary (formerly issued independently as Reverse acronyms and initialisms dictionary).

Information Technology and Mobile Communication -

Vinu V Das 2011-04-13

This book constitutes the refereed proceedings of the International Conference on Advances in Information Technology and Mobile Communication, AIM 2011, held at Nagpur, India, in April 2011. The 31 revised full papers presented together with 27 short papers and 34 poster

papers were carefully reviewed and selected from 313 submissions. The papers cover all current issues in theory, practices, and applications of Information Technology, Computer and Mobile Communication Technology and related topics.

Cybernetics, Cognition and Machine Learning Applications

- Vinit Kumar Gunjan
2021-04-21

This book provides a collection of selected papers presented at the International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA 2019), which was held in Goa, India, on 16-17 August 2019. It covers the latest research trends and advances in the areas of data science, artificial intelligence, neural networks, cognitive science and machine learning applications, cyber-physical systems, and cybernetics.

Foundations of Library and Information Science -

Richard Rubin 2004-01

Richard Rubin has written a completely revised and updated edition of the first

textbook - and most widely-used - specifically written to cover the fundamentals of library and information science. Foundations is the most current teaching resource available, covering the practice of librarianship, the place of libraries in the broader information infrastructure, the development of information science, the growth of information technologies, information policy in libraries, intellectual organization of libraries, the mission of libraries from past to present, and ethical aspects and principles between information providers and clients. The various types of libraries (public, academic, school, and special libraries), their internal functions, and the major organizational issues they face are discussed. This second edition provides updates of many critical issues and also includes new topics - digital libraries and reference, information infrastructure, the Web, UCITA, Homeland Security, revised intellectual freedom policy statements,

digital rights management, file sharing, MARC21, metadata, and much more - that are important to our profession. The extensive lists of selected readings have been thoroughly updated. Library and information science students and professionals will find the background and concepts they need to meet today's - and tomorrow's - challenges in this new edition.

Proceedings of International Conference on Intelligent Manufacturing and Automation

- Hari Vasudevan 2020-06-30

This book gathers selected papers presented at the Second International Conference on Intelligent Manufacturing and Automation (ICIMA 2020), which was jointly organized by the Departments of Mechanical Engineering and Production Engineering at Dwarkadas J. Sanghvi College of Engineering (DJSCE), Mumbai, and by the Indian Society of Manufacturing Engineers (ISME). Covering a range of topics in intelligent manufacturing, automation, advanced materials and design,

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it focuses on the latest advances in e.g. CAD/CAM/CAE/CIM/FMS in manufacturing, artificial intelligence in manufacturing, IoT in manufacturing, product design & development, DFM/DFA/FMEA, MEMS & nanotechnology, rapid prototyping, computational techniques, nano- & micro-machining, sustainable manufacturing, industrial engineering, manufacturing process management, modelling & optimization techniques, CRM, MRP & ERP, green, lean & agile manufacturing, logistics & supply chain management, quality assurance & environmental protection, advanced material processing & characterization of composite & smart materials. The book is intended as a reference guide for future researchers, and as a valuable resource for students in graduate and doctoral programmes.

ELECTRONICS LAB MANUAL
(VOLUME 2) - NAVAS, K. A.
2018-10-01

This book is evolved from the experience of the author who taught all lab courses in his three decades of teaching in various universities in India. The objective of this lab manual is to provide information to undergraduate students to practice experiments in electronics laboratories. This book covers 118 experiments for linear/analog integrated circuits lab, communication engineering lab, power electronics lab, microwave lab and optical communication lab. The experiments described in this book enable the students to learn: • Various analog integrated circuits and their functions • Analog and digital communication techniques • Power electronics circuits and their functions • Microwave equipment and components • Optical communication devices

This book is intended for the B.Tech students of Electronics and Communication Engineering, Electrical and Electronics Engineering, Biomedical Electronics, Instrumentation and Control,

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Computer Science, and Applied Electronics. It is designed not only for engineering students, but can also be used by BSc/MSc (Physics) and Diploma students. KEY FEATURES • Contains aim, components and equipment required, theory, circuit diagram, pin-outs of active devices, design, tables, graphs, alternate circuits, and troubleshooting techniques for each experiment • Includes viva voce and examination questions with their answers • Provides exposure on various devices TARGET AUDIENCE • B.Tech (Electronics and Communication Engineering, Electrical and Electronics Engineering, Biomedical Electronics, Instrumentation and Control, Computer Science, and Applied Electronics) • BSc/MSc (Physics) • Diploma (Engineering)

Business Communication -

Kitty O. Locker 2006-06-01

This work presents a unique approach to a hands-on business communication course. The modular structure

allows teachers to focus on specific skills and provides greater flexibility for short courses and different teaching approaches.

DNA Fingerprinting in Plants -

Kurt Weising 2005-02-28

Given the explosive development of new molecular marker techniques over the last decade, newcomers and experts alike in the field of DNA fingerprinting will find an easy-to-follow guide to the multitude of techniques available in DNA

Fingerprinting in Plants: Principles, Methods, and Applications, Second Edition.

Along with step-by-step annotated p

Practical Zoology Invertebrate

- Sham Sunder Lal 2009

Foundations of Antenna Theory and Techniques -

Vincent F. Fusco 2005

As a result of recent growth of the wireless market, research and development in antenna technology is growing at a fast pace. New emerging technologies include antennas for cellular mobile

communications, vehicle mounted antennas and those for mobile satellite communications. This text is intended to introduce new engineers and undergraduates to the topic of antennas. It is a well-paced, low level introduction to the subject that does not require previous knowledge of electromagnetic theory. In addition, the step by step approach to maths is ideal for those who do not have a good mathematical background. It provides a good introduction to the subject without being overly detailed and includes some non-core subjects to give the student a good overview of techniques

Technical Writing and Professional Communication - Thomas N. Huckin 1991

Developed for use by non-native speakers of English enrolled in Technical Writing and Communication courses. Technical Writing and Professional Communication, 2/e, places technical writing in its context, showing students how to consider their purpose and their audience when writing reports, memos, and correspondence. Formerly titled Technical Writing and Professional Communication: A Handbook for Nonnative Speakers, the new edition features a case running throughout seven chapters, dynamically illustrating the writing process. The revision also provides complete coverage of the new computer technologies and the new attention to the intercultural concerns in today's business world.