Fhss In Matlab

Today's integrated silicon circuits and systems for wireless communications are of a huge complexity.This unique compendium covers all the steps (from the system-level to the transistor-level) necessary to design, model, verify, implement, and test a silicon system. It bridges the gap between the system-world and the transistor-world (between communication, system, circuit, device, and test engineers).It is extremely important nowadays (and will be more important in the future) for communication, system, and circuit engineers to understand the physical implications of system and circuit solutions based on hardware/software co-design as well as for device and test engineers to cope with the system and circuit requirements in terms of power, speed, and data throughput.Related Link(s)

Written specifically for a one-semester course, this textbook introduces the physical and engineering principles of communication systems using an accessible, yet mathematically rigorous, approach. Beginning with valuable background material on signals and systems, and random processes, the text then guides students

through the core topics, including amplitude modulation, pulse modulation, and noise. Key terms and formulae are highlighted throughout to help students identify essential points easily. Worked examples, practice problems, and review questions reinforce concepts and enable students to develop confidence in solving problems on their own. To help visualize the concepts discussed, MATLAB-based exercises and examples are provided throughout, supported by an introductory appendix for students who are new to MATLAB. Each chapter ends with a practical applications section, showing students how concepts are used in real-life communication scenarios and devices. Figures from the book and a solutions manual, password-protected for instructors, are available online.

The book consists of 24 chapters illustrating a wide range of areas where MATLAB tools are applied. These areas include mathematics, physics, chemistry and chemical engineering, mechanical engineering, biological (molecular biology) and medical sciences, communication and control systems, digital signal, image and video processing, system modeling and simulation. Many interesting problems have

been included throughout the book, and its contents will be beneficial for students and professionals in wide areas of interest.
The purpose of this book is first to study MATLAB programming concepts, then the basic concepts of modeling and simulation analysis, particularly focus on digital communication simulation. The book will cover the topics practically to describe network routing simulation using MATLAB tool. It will cover the dimensions' like Wireless network and WSN simulation using MATLAB, then depict the modeling and simulation of vehicles power network in detail along with considering different case studies. Key features of the book include: Discusses different basics and advanced methodology with their fundamental concepts of exploration and exploitation in NETWORK SIMULATION. Elaborates practice questions and simulations in MATLAB Student-friendly and Concise Useful for UG and PG level research scholar Aimed at Practical approach for network simulation with more programs with step by step comments. Based on the Latest technologies, coverage of wireless simulation and WSN concepts and implementations
18th International Conference on

Architecture of Computing Systems, ARCS 2005
The Proceedings of Joint Conferences of the 6th (ICECE2015) and the 4th (ICMSM2015)
FLUID MECHANICS
Handbook of Research on Mobility and Computing: Evolving Technologies and Ubiquitous Impacts
Principles of Modern Communication Systems
International Conference on Computer Applications 2012 :: Volume 06

Addresses an Emerging Shift in Developing Countries The authors and contributors of Ambient Assisted Living have recognized that the demographic profile is changing in many developing countries and have factored in an inversion of the demographic pyramid. The technology of ambient assisted living (AAL), supports the elderly and disabled in their daily routines to allow for safe and independent living for as long as possible. Dedicated to ambient intelligence—electronic environments that are sensitive and responsive to the presence of people—Ambient Assisted Living highlights the technologies that center on the needs of these special interest

groups, such as the elderly or people with disabilities. Beneficial to students, practitioners, and users of ambient assisted living (AAL), this text compiles scattered information on the subject, outlines the most important and significant work in related literature, and covers the latest hardware and software for ergonomic design pertaining to AAL. From inception to implementation, the text assesses what has been produced and researched so far and looks for trends and clues for the future. It reviews literature on AAL published since 2007 and describes the main features and areas of products or systems that interlink and improve new or existing technologies and systems. This text: Provides extensive coverage of the applications, software, and information management for AAL Contains an overview of the concepts related to AAL Includes a comprehensive review of the state of the art on pervasive and mobile health (m-health) applications Describes a set of projects and work with scientific relevance in AAL Introduces a framework focused on the

monitoring and assistance of elderly persons living alone Discusses a prospective study on technological systems for people with cognitive disabilities Ambient Assisted Living highlights technologies that adapt to the user rather than the user adapting to the technology. This text proposes technologies that can enable assisted persons to live independently for longer and reduce the need for long-term care.

This is a basic book of communication for final year engineering students of electronics and communication branch. It will help them to get a better understanding of communication and FHSS. It will help them to visualise the things. I have also mentioned about the experiments and practical i have performed in this regard. I hope it helps you to find an answer to your doubts and further help you in your future career.

This practically-oriented, all-inclusive guide covers all the major enabling techniques for current and next-generation cellular communications and wireless networking systems.

Technologies covered include CDMA, OFDM, UWB, turbo and LDPC coding, smart antennas, wireless ad hoc and sensor networks, MIMO, and cognitive radios, providing readers with everything they need to master wireless systems design in a single volume. Uniquely, a detailed introduction to the properties, design, and selection of RF subsystems and antennas is provided, giving readers a clear overview of the whole wireless system. It is also the first textbook to include a complete introduction to speech coders and video coders used in wireless systems. Richly illustrated with over 400 figures, and with a unique emphasis on practical and state-of-the-art techniques in system design, rather than on the mathematical foundations, this book is ideal for graduate students and researchers in wireless communications, as well as for wireless and telecom engineers.

The microelectromechanical systems (MEMS) industry has experienced explosive growth over the last decade. Applications range from accelerometers and gyroscopes used in automotive safety to high-precision on-chip

integrated oscillators for reference generation and mobile phones. MEMS: Fundamental Technology and Applications brings together groundbreaking research in MEMS technology and explores an eclectic set of novel applications enabled by the technology. The book features contributions by top experts from industry and academia from around the world. The contributors explain the theoretical background and supply practical insights on applying the technology. From the historical evolution of nano micro systems to recent trends, they delve into topics including: Thin-film integrated passives as an alternative to discrete passives The possibility of piezoelectric MEMS Solutions for MEMS gyroscopes Advanced interconnect technologies Ambient energy harvesting Bulk acoustic wave resonators Ultrasonic receiver arrays using MEMS sensors Optical MEMS-based spectrometers The integration of MEMS resonators with conventional circuitry A wearable inertial and magnetic MEMS sensor assembly to estimate rigid body movement patterns Wireless

microactuators to enable implantable MEMS devices for drug delivery MEMS technologies for tactile sensing and actuation in robotics MEMS-based micro hot-plate devices Inertial measurement units with integrated wireless circuitry to enable convenient, continuous monitoring Sensors using passive acousto-electric devices in wired and wireless systems Throughout, the contributors identify challenges and pose questions that need to be resolved, paving the way for new applications. Offering a wide view of the MEMS landscape, this is an invaluable resource for anyone working to develop and commercialize MEMS applications.

Handbook of Research on Industrial Informatics and Manufacturing Intelligence: Innovations and Solutions
Policies, Regulations and Techniques
A Comprehensive Foundation Using MATLAB
Smart Antenna Systems and Wireless LANs
Electrical and Control Engineering & Materials Science and Manufacturing
Communication Systems Principles Using MATLAB

This thesis presents a novel non-coherent

wireless communication receiver design for intercepting and demodulating frequency hopping spread spectrum (FHSS) signals. This interception receiver is based upon phase modulation to amplitude modulation conversion (PM to AM), and is specifically designed for demodulating a slow frequency-hopped signal that has differentially encoded phase shift keying (DPSK) modulation. The receiver will also demodulate non-frequency hopped DPSK signals. Matlab(Superscript Trade Mark Symbol) simulations show that if a signal has a signal to noise ratio (SNR) greater than approximately 30 dB, the intercept receiver can demodulate it by using the following: a bank of filters for PM to AM conversion, envelope detectors for each filter in the bank, and a pattern recognition algorithm that processes the envelope detector outputs, combines them, and maps the result into bits. The performance of the receiver is characterized with simulations and analytical calculations. Physical limitations on wireless communication channels impose huge challenges to reliable communication. Bandwidth limitations, propagation loss, noise and interference make the wireless channel a narrow pipe that does not readily accommodate rapid flow of data. Thus, researches aim to design systems that are suitable to operate in such channels, in order to have high performance quality of service. Also, the mobility of the communication systems

requires further investigations to reduce the complexity and the power consumption of the receiver. This book aims to provide highlights of the current research in the field of wireless communications. The subjects discussed are very valuable to communication researchers rather than researchers in the wireless related areas. The book chapters cover a wide range of wireless communication topics.

Build a custom multirotor aircraft! Build and customize radio-controlled quadcopters that take off, land, hover, and soar. Build Your Own Quadcopter: Power Up Your Designs with the Parallax Elev-8 features step-by-step assembly plans and experiments that will have you launching fully functioning quadcopters in no time. Discover how to connect Elev-8 components, program the microcontroller, use GPS, and safely fly your quadcopter. This fun, do-it-yourself guide fuels your creativity with ideas for radical enhancements, including return-to-home functionality, formation flying, and even artificial intelligence! Understand the principles that govern how quadcopters fly Explore the parts included in your Parallax Elev-8 kit Follow illustrated instructions and assemble a basic 'copter Connect the Parallax chip to a PC and write Spin and C programs Build radio-controlled systems that minimize interference Add GPS and track your aircraft through Google Earth Beam flight information to smartphones with WiFi and

XBee technology Mount cameras and stream real-time video back to the ground Train to safely operate a quadcopter using flight simulation software

Discusses the main issues, challenges, opportunities, and trends related to this explosive range of new developments and applications, in constant evolution, and impacting every organization and society as a whole. This two volume handbook supports post-graduate students, teachers, and researchers, as well as IT professionals and managers.

Wireless Communication and Sensor Network

Principes et applications

Evolving Technologies and Ubiquitous Impacts

Audio Watermark

From RF Subsystems to 4G Enabling Technologies

Advanced Trends in Wireless Communications

This proceedings volume collects the most up-to-date, comprehensive and state-of-the-art knowledge on wireless communication, sensor network, network technologies, services and application. Written by world renowned researchers, each chapter is original in content, featuring high-impact presentations and late-breaking contributions. Researchers and practitioners will find this edition a useful resource material and an

inspirational read. Contents:Wireless CommunicationsNetwork TechnologiesServices and Application Readership: Researchers, academics, professionals and graduate students in neural networks/networking, electrical & electronic engineering, and condensed matter physics.

This book provides insights into the Third International Conference on Intelligent Systems and Signal Processing (eISSP 2020) held By Electronics & Communication Engineering Department of G H Patel College of Engineering & Technology, Gujarat, India, during 28–30 December 2020. The book comprises contributions by the research scholars and academicians covering the topics in signal processing and communication engineering, applied electronics and emerging technologies, Internet of Things (IoT), robotics, machine learning, deep learning and artificial intelligence. The main emphasis of the book is on dissemination of information, experience and research results on the current topics of interest through in-depth discussions and contribution of

researchers from all over world. The book is useful for research community, academicians, industrialists and postgraduate students across the globe. Sensor technologies are a rapidly growing area of interest in science and product design, embracing developments in electronics, photonics, mechanics, chemistry, and biology. Their presence is widespread in everyday life, where they are used to sense sound, movement, and optical or magnetic signals. The demand for portable and lightweight sensors is relentless in several industries, from consumer electronics to biomedical engineering to the military. Smart Sensors for Industrial Applications brings together the latest research in smart sensors technology and exposes the reader to myriad applications that this technology has enabled. Organized into five parts, the book explores: Photonics and optoelectronics sensors, including developments in optical fibers, Brillouin detection, and Doppler effect analysis. Chapters also look at key applications such as oxygen detection, directional discrimination, and optical sensing.

Infrared and thermal sensors, such as Bragg gratings, thin films, and microbolometers. Contributors also cover temperature measurements in industrial conditions, including sensing inside explosions. Magnetic and inductive sensors, including magnetometers, inductive coupling, and ferro-fluidics. The book also discusses magnetic field and inductive current measurements in various industrial conditions, such as on airplanes. Sound and ultrasound sensors, including underwater acoustic modem, vibrational spectroscopy, and photoacoustics. Piezoresistive, wireless, and electrical sensors, with applications in health monitoring, agrofood, and other industries. Featuring contributions by experts from around the world, this book offers a comprehensive review of the groundbreaking technologies and the latest applications and trends in the field of smart sensors.

"Portable pulsed harmonic radar systems were built at UNB to track the movement of Colorado potato beetles. These systems use a high power marine magnetron to produce a microwave

pulse and it is desired to upgrade the system using lower cost and low power electronics. This thesis is an investigation of an alternative strategy. A Stepped Frequency Continuous Wave Frequency Hopping Spread Spectrum harmonic radar (SFCW-FHSS) was proposed to replace the conventional pulsed harmonic radar system. A mathematical model for the new system is presented and its performance was determined. MATLAB was used to investigate the model and a prototype was constructed and tested. From this, both performance and cost of the spread spectrum design was determined for comparison to the original system. It was found that this laboratory SFCW-FHSS harmonic radar prototype achieved the lower cost and lower power goal but it was only able to detect a signal from a tag that was 4 m away or less."--Page ii.

Inventive Communication and Computational Technologies

Proceedings of ICICCT 2019

Principles of Communications

... International Conference, ADVIS ..., Proceedings

Radio Link Quality Estimation in Low-

Power Wireless Networks
e-ISSP 2020

□□□□□□/□□□□□□ 5G□□□□□□□□□□□□ 2020□□5G□□□□□□5G□□□□□□ □□□□□□□□□□□□□

effectively, but fundamentally they still have to evolve. This book is a demonstration of this and a small illustration of everything that is to come.

A complete reference resource for the emerging Home Networking industry, this title includes executable examples in Matlab and Simulink, as well some examples in PC executable code. Numerous technical transmission methods are explained in detail.

This book gathers selected papers presented at the Inventive Communication and Computational Technologies conference (ICICCT 2019), held on 29–30 April 2019 at Gnanamani College of Technology, Tamil Nadu, India. The respective contributions highlight recent research efforts and advances in a new paradigm called ISMAC (IoT in Social, Mobile, Analytics and Cloud contexts). Topics covered include the Internet of Things, Social Networks, Mobile Communications, Big Data Analytics, Bio-inspired Computing and Cloud Computing. The book is chiefly intended for academics and practitioners working to resolve practical issues in this area.

Home Networking Basis

Radio Spectrum Management

Proceedings of ICIMES 2020

Électronique appliquée aux hautes fréquences - 2e éd.

Smart Sensors for Industrial Applications

Silicon Systems For Wireless Lan

Keeping up to date with the most current technologies in the field is essential for all effective electrical and computer engineers. The updated 7th edition of Principles of Communications presents the reader with more in-chapter examples, providing for a more supportive framework for learning. Readers are exposed to digital data transmission techniques earlier in the book, so they can appreciate the characteristics of digital communication systems prior to

learning about probability and stochastic processes. They will also find expanded forward error correction code examples, and additional MATLAB problems.

Alliant résultats fondamentaux et applications concrètes, les auteurs ont réuni ici l'essentiel des connaissances en électronique appliquée aux hautes fréquences : -· Définitions et règles de base en radiofréquence. -· Modulations et démodulations analogiques et numériques. -· Structure et synoptique des émetteurs et des récepteurs. -· Description, limites et applications des composants passifs et actifs en radiofréquence. -· Boucle à verrouillage de phase. -· Adaptation d'impédance pour l'interconnexion des étages. Cette 2e édition apporte des compléments sur la mesure du point d'intermodulation d'ordre 3, sur les ondes radio et la propagation des ondes, sur l'étalement de spectre, sur l'évolution des PLL et sur l'adaptation d'impédance très large bande. Cet ouvrage de référence est l'outil de travail indispensable des ingénieurs et techniciens en électronique chargés notamment de l'étude, la conception, la mise en oeuvre ou la maintenance d'équipements de transmission, ainsi que des étudiants de l'enseignement supérieur.

This book includes best selected, high-quality research papers presented at the International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES 2020) held at the Department of Mechanical Engineering, Malla Reddy College of Engineering & Technology (MRCET), Maisammaguda, Hyderabad, India, during August 21-22, 2020. It covers topics in the areas of automation, manufacturing technology and energy sustainability and also includes original works in the intelligent systems, manufacturing, mechanical, electrical, aeronautical, materials, automobile, bioenergy and energy sustainability.

This book provides a comprehensive survey on related work for radio link quality estimation, which covers the

characteristics of low-power links, the fundamental concepts of link quality estimation in wireless sensor networks, a taxonomy of existing link quality estimators and their performance analysis. It then shows how link quality estimation can be used for designing protocols and mechanisms such as routing and hand-off. The final part is dedicated to radio interference estimation, generation and mitigation.

Intelligent Manufacturing and Energy Sustainability

Transmission Environments and Wired/wireless Protocols

Fundamental Technology and Applications

Proceedings of the International Conference on Wireless Communication and Sensor Network (WCSN 2015)

Third International Conference, ADVIS 2004, Izmir, Turkey, October 20-22, 2004. Proceedings

Proceedings of the International e-Conference on Intelligent Systems and Signal Processing

This book illustrates the commonly used and novel approaches of audio watermarking for copyrights protection. The author examines the theoretical and practical step by step guide to the topic of data hiding in audio signal such as music, speech, broadcast. The book covers new techniques developed by the authors are fully explained and MATLAB programs, for audio watermarking and audio quality assessments and also discusses methods for objectively predicting the perceptual quality of the watermarked audio signals. Explains the theoretical basics of the commonly used audio watermarking techniques Discusses the methods used to objectively and subjectively assess the quality of the audio signals Provides a comprehensive well tested

MATLAB programs that can be used efficiently to watermark any audio media

This book presents the fundamentals of wireless communications and services, explaining in detail what RF spectrum management is, why it is important, which are the authorities regulating the use of spectrum, and how is it managed and enforced at the international, regional and national levels. The book offers insights to the engineering, regulatory, economic, legal, management policy-making aspects involved. Real-world case studies are presented to depict the various approaches in different countries, and valuable lessons are drawn. The topics are addressed by engineers, advocates and economists employed by national and international spectrum regulators. The book is a tool that will allow the international regional and national regulators to better manage the RF spectrum, and will help operators and suppliers of wireless communications to better understand their regulators.

This book constitutes the refereed proceedings of the Third International Conference on Advances in Information Systems, ADVIS 2004, held in Izmir, Turkey in October 2004. The 61 revised full papers presented were carefully reviewed and selected from 203 submissions. The papers are organized in topical sections on databases and datawarehouses, data mining and knowledge discovery, Web information systems development, information systems development and management, information retrieval, parallel and distributed

data processing, multimedia information systems, information privacy and security, evolutionary and knowledge-based systems, software engineering and business process modeling, and network management.
"This book is the best source for the most current, relevant, cutting edge research in the field of industrial informatics focusing on different methodologies of information technologies to enhance industrial fabrication, intelligence, and manufacturing processes"--Provided by publisher.

Advances in Information Systems

Frequency Hopping Spread Spectrum Harmonic Radar

Innovations and Solutions

Electronics World

Applications of MATLAB in Science and Engineering

□□□ 07□□/2020 □233□

This proceedings brings together eighty seven selected articles presented at the joint conferences of the 6th International Conference on Electrical and Control Engineering (ICECE2015) and the 4th International conference on Materials Science and Manufacturing (ICMSM2015), which was held in Shanghai, China, during August 14-15 2015. ICECE2015 and ICMSM2015 provide an excellent international platform for researchers to share the state-of-art research results and fork

collaborations amongst themselves from different part of the world. The proceedings collected the latest research results and applications funded by Chinese government agencies in Electrical Engineering, Control Engineering, Wireless Communication, Computer Networks, Computer Science, Materials Engineering and other related topics. It is a kaleidoscope reflecting the Chinese research and development efforts in the above 6 areas. All submitted papers were subjected to strict peer-reviewing by 2-4 expert referees. The papers have been selected for this volume because of quality and the relevance to the conference. Contents:Control EngineeringElectronics EngineeringWireless Communication and Computing NetworksComputer Science and ApplicationMaterials Science and EngineeringConstruction Materials and Civil Engineering Readership: Researchers and professionals in electrical and electronics engineering, material engineering and computer networks.

Discover the basic telecommunications systems principles in an accessible

learn-by-doing format Communication Systems Principles Using MATLAB covers a variety of systems principles in telecommunications in an accessible format without the need to master a large body of theory. The text puts the focus on topics such as radio and wireless modulation, reception and transmission, wired networks and fiber optic communications. The book also explores packet networks and TCP/IP as well as digital source and channel coding, and the fundamentals of data encryption. Since MATLAB® is widely used by telecommunications engineers, it was chosen as the vehicle to demonstrate many of the basic ideas, with code examples presented in every chapter. The text addresses digital communications with coverage of packet-switched networks. Many fundamental concepts such as routing via shortest-path are introduced with simple and concrete examples. The treatment of advanced telecommunications topics extends to OFDM for wireless modulation, and public-key exchange algorithms for data encryption. Throughout the book, the author puts

the emphasis on understanding rather than memorization. The text also: Includes many useful take-home skills that can be honed while studying each aspect of telecommunications Offers a coding and experimentation approach with many real-world examples provided Gives information on the underlying theory in order to better understand conceptual developments Suggests a valuable learn-by-doing approach to the topic Written for students of telecommunications engineering, Communication Systems Principles Using MATLAB® is the hands-on resource for mastering the basic concepts of telecommunications in a learn-by-doing format.

A comprehensive, encompassing and accessible text examining awide range of key Wireless Networking and Localizationtechnologies This book provides a unified treatment of issues related to allwireless access and wireless localization techniques. Thebook reflects principles of design and deployment of infrastructurefor wireless access and localization for wide, local, and personalnetworking.

Description of wireless access methodsincludes design and deployment of traditional TDMA and CDMAtechnologies and emerging Long Term Evolution (LTE) techniques forwide area cellular networks, the IEEE 802.11/WiFi wireless localarea networks as well as IEEE 802.15 Bluetooth, ZigBee, UltraWideband (UWB), RF Microwave and body area networks used for sensorand ad hoc networks. The principles of wirelesslocalization techniques using time-of-arrival andreceived-signal-strength of the wireless signal used in militaryand commercial applications in smart devices operating in urban,indoor and inside the human body localization are explained andcompared. Questions, problem sets and hands-on projects enhances thelearning experience for students to understand and appreciate thesubject. These include analytical and practical examples withsoftware projects to challenge students in practically importantsimulation problems, and problem sets that use MatLab. Key features: Provides a broad coverage of main wireless technologiesincluding emerging

technical developments such as body areanetworking and cyber physical systems Written in a tutorial form that can be used by students andresearchers in the field Includes practical examples and software projects to challengestudents in practically important simulation problems

This book concerns two major topics, smart antenna systems and wireless local-area-networks (LANs). For smart antenna systems, it d- cusses the mechanics behind a smart antenna system, the setup of a smart antenna experimental testbed, and experimental and computer simulation results of various issues relating to smart antenna systems. For wireless LAN systems, it discusses the IEEE 802.11 worldwide wi- less LAN standard, the operation of a wireless LAN system, and some of the technical considerations that must be overcome by a wireless LAN system designer. These two topics are combined in the discussion of the Smart Wireless LAN (SWL) system, which was designed to achieve the benefits which smart antenna systems can provide for wireless LAN systems while still

remaining compatible with the 802.11 wireless LAN standard. The design of SWL calls for the replacement of the conv- tional wireless LAN base station (which are called access points in the 802.11 documentation) with an SWL base station, while leaving the - dividual terminal operation as unchanged as possible.

PROBLEM SOLVING USING MATLAB

Build Your Own Quadcopter: Power Up Your Designs with the Parallax Elev-8

Journal of Southeast University

Ambient Assisted Living

Adaptive Filtering

Principles of Wireless Access and Localization

Fluid Mechanics has transformed from fundamental subject to application-oriented subject. Over the years, numerous experts introduced number of books on the theme. Majority of them are rather theoretical with numerical problems and derivations. However, due to increase in computational facilities and availability of MATLAB and equivalent software tools, the subject is also transforming into computational perspective. We firmly believe that this new dimension will greatly benefit present generation students. The present book is an effort to tackle the subject in MATLAB environment and consists of 16 chapters. The book can support undergraduate students in fluid mechanics, and can also be referred to as a text/reference book. KEY FEATURES • Explanation of Fluid Mechanics in MATLAB in structured and lucid manner • 161

Example Problems supported by corresponding MATLAB codes compatible with 2016a version • 162 Exercise Problems for reinforced learning • 12 MP4 Videos for the demonstration of MATLAB codes for effective understanding while enhancing thinking ability of readers • A Question Bank containing 261 Representative Questions and 120 Numerical Problems TARGET AUDIENCE Students of B.E/B.Tech and AMIE (Civil, Mechanical and Chemical Engineering) &Useful to students preparing for GATE and UPSC examinations.

Network Modeling, Simulation and Analysis in MATLAB

System Aspects in Organic and Pervasive Computing ; Workshop Proceedings: Dynamically Reconfigurable Systems, Self-organization and Emergence ; Innsbruck, Austria, March 14-17, 2005

Wireless Communication Systems

Theory and Practices

Engineering Communication

MEMS