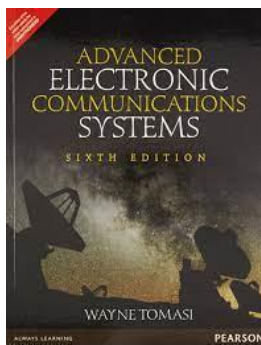


ELECTRONICS ENGINEERING

SCOPE

Electronic engineering is a discipline that utilizes the behavior and effects of electrons for the production of electronic devices (such as electron tubes and transistors), systems, or equipment. In many parts of the world, electronic engineering is considered at the same level as electrical engineering, so that general programs are called electrical and electronic engineering. Both define a broad field that encompasses many subfields including those that deal with power, instrumentation engineering, telecommunications, and semiconductor circuit design, amongst many others. [Source: newworldencyclopedia.org]



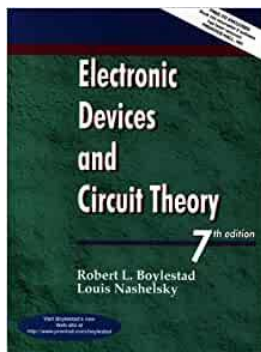
Advanced electronic communications systems (2015)

Tomasi, Wayne.

CO TK5103.7 .T65 2015

Located in Fr Jose T Bacatan SJ Library – Circulation Section

Comprehensive in scope and contemporary in coverage, this book extends and updates the knowledge of the reader to the most modern topics in Electronic Communications systems. Numerous examples throughout provide readers with real-life applications of the concepts of analog and digital communications systems, while chapter-end questions and problems give them a chance to test and review their understanding of fundamental and key topics. Modern digital and data communications systems, microwave radio communications systems, satellite communications systems, and optical fiber communications systems. Cellular and PCS telephone systems coverage presents the latest and most innovative technological advancements being made in cellular communication systems. Optical fiber communications chapter includes new sections on light sources, optical power, optical sources and link budget.



Electronic devices and circuit theory (2002)

Boylestad, Robert L.

CO TK867 .B69 2002

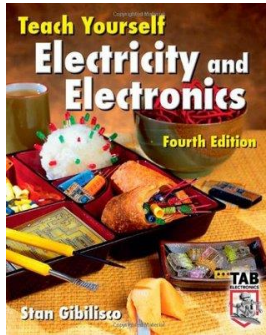
Located in Fr Jose T Bacatan SJ Library – Circulation Section

Offers students a complete, comprehensive survey, focusing on all the essentials they will need to succeed on the job. Setting the standard for nearly 30 years, this highly accurate text is supported by strong pedagogy and content that is ideal for new students of this rapidly changing field. This text is an excellent reference work for anyone involved with electronic devices and other circuitry applications, such as electrical and technical engineers.

Search library resources at: <http://210.213.146.180:8080/#section=home>

Visit the library webpage at: <https://www.adzu.edu.ph/library/>

ELECTRONICS ENGINEERING



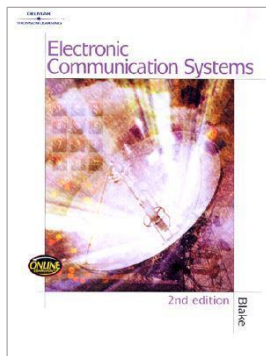
Teach yourself electricity and electronics (2007)

Gibilisco, Stan

CO TK7819 .G52 2007

Located in Fr Jose T Bacatan SJ Library – Circulation Section

This edition provides step-by-step lessons in electricity and electronics fundamentals and applications. Detailed illustrations, practical examples, and hundreds of test questions make it easy to learn the material quickly. This fully revised resource starts with the basics and takes you through advanced applications, such as communications systems and robotics. Solve current-voltage-resistance-impedance problems, make power calculations, optimize system performance, and prepare for licensing exams with help from this hands-on guide.



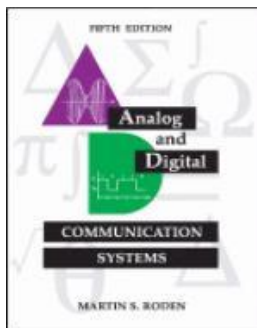
Electronic communication systems (2010)

Blake, Roy

CO TK5101 .B53 2010

Located in Fr Jose T Bacatan SJ Library – Circulation Section

The book provides electronics technologists with an extraordinarily complete, accurate, and timely introduction to all of the state-of-the-art technologies used in the communications field today. Comprehensive coverage includes traditional analog systems, as well as modern digital techniques. Extensive discussion of today's modern wireless systems- including cellular, radio, paging systems, and wireless data networks- is also included. In addition, sections on data communication and the internet, high-definition television, and fiber optics have been updated in this edition to enable readers to keep pace with the latest technological advancements.



Analog and digital communication systems (1991)

Roden, Martin S.

CO TK5105 .R62 1991

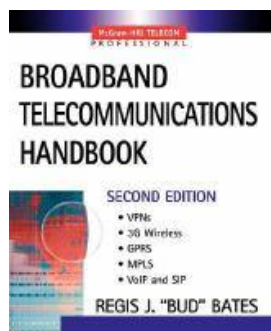
Located in Fr Jose T Bacatan SJ Library – Circulation Section

A treatment of analog and digital communication systems for undergraduate/graduate courses, the new edition of this text places greater emphasis upon digital communications, expands treatment of noise in systems, adds new case studies, and computer simulation material.

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Visit the library webpage at: <https://www.adzu.edu.ph/library/>

ELECTRONICS ENGINEERING



Broadband telecommunications handbook (2002)

Bates, Regis J.

CO-R TK 5103.4 B37 2002

Located in Fr Jose T Bacatan SJ Library – Reference Section

Written for both technologists and business people, this volume describes each broadband technology and explains it by function, asking three questions: what is it?; what will it do for me?; and what is it going to cost me? This edition features new chapters on MPLS, 2.5G / 3G Wireless, GPRS (General Packet Radio Service) and MMDS (Microwave Multi-Point Distribution System).



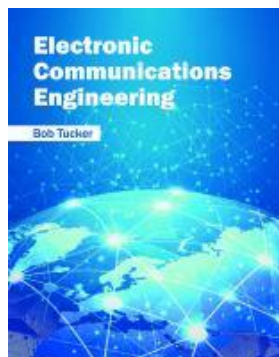
Broadcasting, cable, the internet, and beyond: an introduction to modern electronic media (2004)

Dominick, Joseph R.

CO HE8689.8 D65 2004

Located in Fr Jose T Bacatan SJ Library – Circulation Section

Surveys the field of electronic media and beyond. 'Beyond', more than a word in the title, refers to the technologies, regulations, programming, and competition that affect our world and the broadcasting industry. This work provides a survey of the industry.



Electronic communications engineering (2016)

Tucker, Bob (editor)

CO TK7850.E5 E44 2016

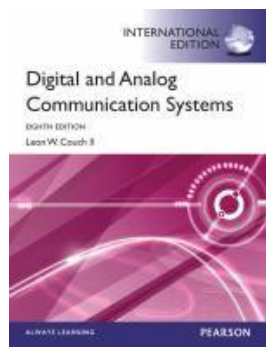
Located in Fr Jose T Bacatan SJ Library – Circulation Section

Electronic communications engineering is an emerging field of study that focuses upon understanding the technology of electronic communications and networks. It plays a key role in simplifying business management processes in the current scenario. This book attempts to decipher diverse aspects of electronic communications and networks including their architecture, frameworks, modeling, controlling, etc. It compiles researches and case-studies by eminent academicians and experts from various parts of the globe that provide an in-depth analysis of the different networks and communication systems, their construction and control mechanism, evaluation and assessment of different communication networks and systems, etc. Students, researchers and engineers will find this book helpful as it will serve as a comprehensive source of information.

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ELECTRONICS ENGINEERING



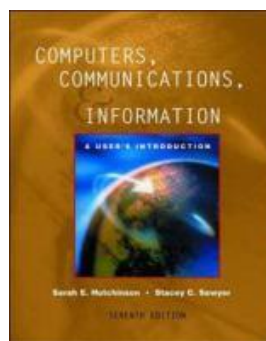
Digital and analog communication systems (2013)

Couch, Leon W.

CO TK 5101 C68 2013

Located in Fr Jose T Bacatan SJ Library – Circulation Section

For second and third year introductory communication systems courses for undergraduates, or an introductory graduate course. This revision of Couch's authoritative text provides the latest treatment of digital communication systems. The author balances coverage of both digital and analog communication systems, with an emphasis on design. Students will gain a working knowledge of both classical mathematical and personal computer methods to analyze, design, and simulate modern communication systems. MATLAB is integrated throughout.



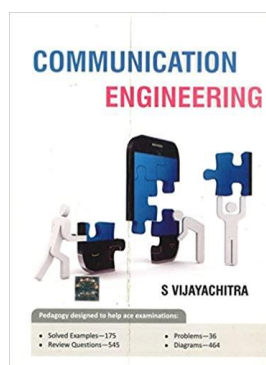
Computers, communications, and information: a user's introduction (Comprehensive version) (2000)

Hutchinson, Sarah E.

CO QA76.5 H87 2000

Located in Fr Jose T Bacatan SJ Library – Circulation Section

This comprehensive edition continues the tradition of providing a technology-oriented approach to learning computer concepts. It is designed for future business professionals who will need to possess a clear understanding of technology and the ability to utilize it effectively in a career setting.



Communication engineering (2013)

Vijayachitra S.

CO TK5101 .V55 2013

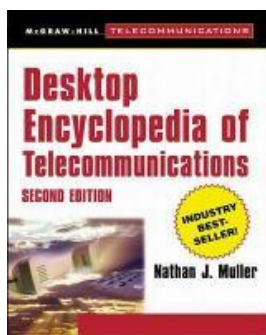
Located in Fr Jose T Bacatan SJ Library – Circulation Section

Communication Engineering has been designed for first-time entrants to the subject of communication and is conceptualized to provide an overview of the complete spectrum of communications. The book starts at the very basics of the study of communication engineering and discusses the principles and systems related to analog and digital modulation. Building on these fundamentals, the following chapters introduce the readers to the gamut of applications of communication engineering, and provide them state of the art information.

Search library resources at: <http://210.213.146.180:8080/#section=home>

Visit the library webpage at: <https://www.adzu.edu.ph/library/>

ELECTRONICS ENGINEERING



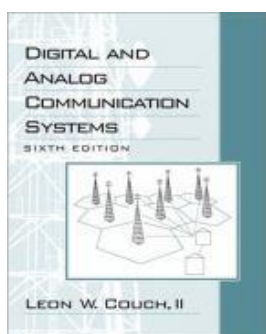
Desktop encyclopedia of telecommunications (2000)

Muller, Nathan J.

CO-R TK5101 .M84 2000

Located in Fr Jose T Bacatan SJ Library – Reference Section

This is an encyclopedia of telecommunications arranged in three to four-page articles explaining the functioning of basic telecom technologies and architectures.



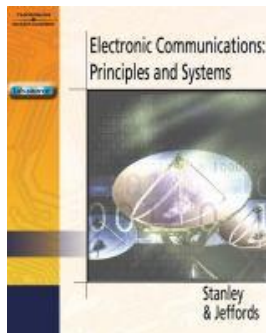
Digital and analog communication systems (2001)

Couch, Leon W.

CO TK5101 .C68 2001

Located in Fr Jose T Bacatan SJ Library – Circulation Section

Provides a broad introduction to basic analog and digital principles and their application to the design and analysis of real-world communication systems. Contains MATLAB and MATHCAD exercises.



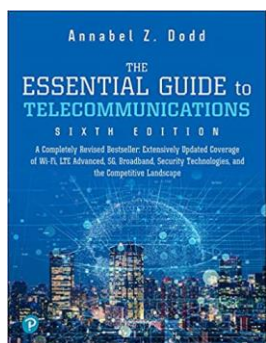
Electronic communications principles & systems (2006)

Stanley, William D.

CO TK 5101 S72 2006

Located in Fr Jose T Bacatan SJ Library – Circulation Section

This book develops a solid understanding of the general principles that govern all communications systems. Topics include traditional analog communication techniques such as AM and FM, modern digital systems, radar, wireless, networking, consumer communications systems, and many other areas. Practical applications are stressed on signal processing at a systems level, to provide a better background for readers as technology advances and new integrated circuits become available.



The Essential guide to telecommunications (2013)

Dodd, Annabel Z.

CO TK5101 .D54 2013

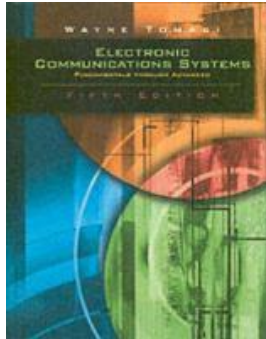
Located in Fr Jose T Bacatan SJ Library – Circulation Section

The world's top-selling, accessible guide to the fast-changing global telecommunications industry. Writing in easy-to-understand language, Dodd demystifies today's most significant technologies, standards, architectures, and trends. She introduces leading providers worldwide, explains where they fit in the marketplace, and reveals their key strategies.

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Visit the library webpage at: <https://www.adzu.edu.ph/library/>

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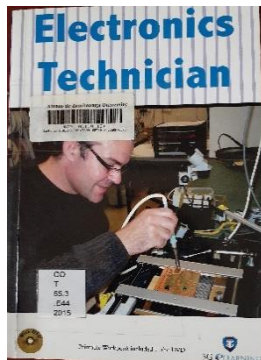
Electronic communications systems: fundamentals through advanced (2004)

Tomasi, Wayne.

CO TK5101 T66 2004

Located in Fr Jose T Bacatan SJ Library – Circulation Section

Comprehensive in scope and contemporary in coverage, this text introduces basic electronic and data communications fundamentals, and explores their application in modern digital and data communications systems. Students with previous knowledge in basic electronic principles and fundamental calculus concepts will gain a complete understanding of the topics presented here.

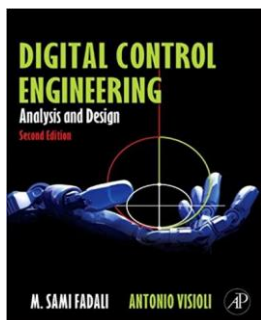


Electronics technician (2015)

CO T65.3 .E44 2015

Located in Fr Jose T Bacatan SJ Library – Circulation Section

A career guide provides guidance to people facing a variety of career challenges. These challenges may include dealing with redundancy, seeking a new job, changing career, returning to work after a career break, building new skills, personal and professional development, going for promotion, and setting up a business. In this career guide, it discusses about the electronics technician and related areas. It focus on education requirements, employment outlook and salary information, careers in all areas, downsides, competition, and resources.



Digital control engineering: analysis and design (2013)

Fadali, M. Sami

CO TJ223.M53 F33 2013

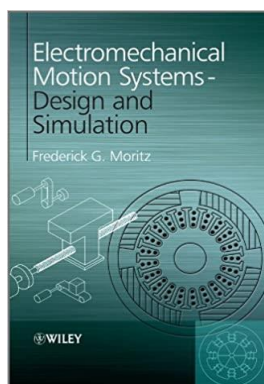
Located in Fr Jose T Bacatan SJ Library – Circulation Section

Digital controllers are part of nearly all modern personal, industrial, and transportation systems. Every senior or graduate student of electrical, chemical or mechanical engineering should therefore be familiar with the basic theory of digital controllers. This new text covers the fundamental principles and applications of digital control engineering, with emphasis on engineering design. Fadali and Visioli cover analysis and design of digitally controlled systems and describe applications of digital controls in a wide range of fields. With worked examples and Matlab applications in every chapter and many end-of-chapter assignments, this text provides both theory and practice for those coming to digital control engineering for the first time, whether as a student or practicing engineer.

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ELECTRONICS ENGINEERING



Electromechanical motion systems: design and simulation (2014)

Moritz, Frederick G.

CO TJ214 .M6576 2014

Located in Fr Jose T Bacatan SJ Library – Circulation Section

An introductory reference covering the devices, simulations and limitations in the control of servo systems. Linking theoretical material with real-world applications, this book provides a valuable introduction to motion system design. The book begins with an overview of classic theory, its advantages and limitations, before showing how classic limitations can be overcome with complete system simulation. The ability to efficiently vary system parameters (such as inertia, friction, dead-band, damping), and quickly determine their effect on performance, stability, efficiency, is also described. The author presents a detailed review of major component characteristics and limitations as they relate to system design and simulation.



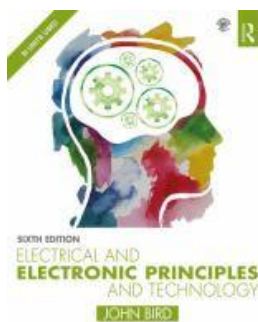
PIC microcontrollers: an introduction to microelectronics (2011)

Bates, Martin

CO TJ223.P76 B38 2011

Located in Fr Jose T Bacatan SJ Library – Circulation Section

PIC Microcontrollers provides a comprehensive and fully illustrated introduction to microelectronic systems principles using the best-selling PIC16 range. Building on the success of previous editions, this third edition will enable readers to understand PIC products and related programming tools, and develop relevant design skills in order to successfully create new projects. The book is aimed principally at students of electronics on advanced vocational and undergraduate courses, as well as home enthusiasts and professional engineers seeking to incorporate microcontrollers into industrial applications.



Electrical and electronic principles and technology (2017)

Bird, John.

CO TK146 .B57 2017

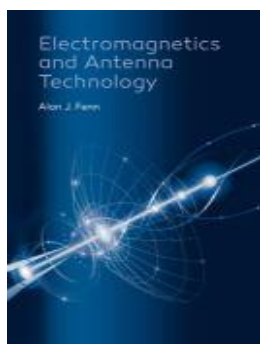
Located in Fr Jose T Bacatan SJ Library – Circulation Section

This practical resource introduces electrical and electronic principles and technology covering theory through detailed examples, enabling students to develop a sound understanding of the knowledge required by technicians in fields such as electrical engineering, electronics and telecommunications. No previous background in engineering is assumed, making this an ideal text for vocational courses at Levels 2 and 3, foundation degrees and introductory courses for undergraduates.

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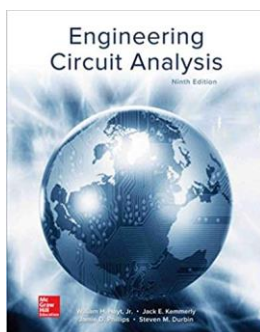
Electromagnetics and antenna technology (2018)

Fenn, Alan J.

CO TK454.4.E5 F46 2018

Located in Fr Jose T Bacatan SJ Library – Circulation Section

This practical new resource presents the fundamentals of electromagnetics and antenna technology. This book covers the design, electromagnetic simulation, fabrication, and measurements for various types of antennas, including impedance matching techniques and beamforming for ultrawideband dipoles, monopoles, loops, vector sensors for direction finding, HF curtain arrays, 3D printed nonplanar patch antenna arrays, waveguides for portable radar, reflector antennas, and other antennas. It explores the essentials of phased array antennas and includes detailed derivations of important field equations, and a detailed formulation of the method of moments.



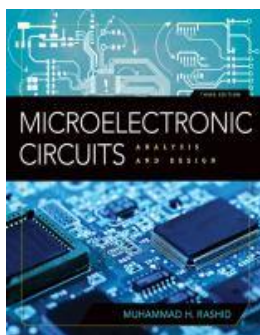
Engineering circuit analysis (2019)

Hayt, William H.

CO TK454 .H39 2019

Located in Fr Jose T Bacatan SJ Library – Circulation Section

The hallmark feature of this classic text is its focus on the student - it is written so that students may teach the science of circuit analysis to themselves. Terms are clearly defined when they are introduced, basic material appears toward the beginning of each chapter and is explained carefully and in detail, and numerical examples are used to introduce and suggest general results. Simple practice problems appear throughout each chapter, while more problems that are difficult appear at the end of chapters, following the order of presentation of text material. This introduction and resulting repetition provide an important boost to the learning process.



Microelectronic circuits: analysis and design (2017)

Rashid, Muhammad H.

CO TK7874 .R37 2017

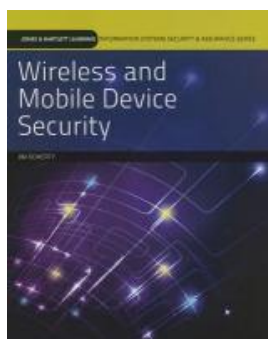
Located in Fr Jose T Bacatan SJ Library – Circulation Section

This book introduces the general characteristics of circuits (ICs) to prepare you to effectively use circuit design and analysis techniques. The author then offers a more detailed study of devices and circuits and how it operates within ICs. Important circuits are analyzed in worked-out examples to introduce basic techniques and emphasize the effects of parameter variations. More than half of the problems and examples concentrate on design and use software tools extensively. You learn to apply theory to real-world design problems as you master computer simulations for testing and verifying your designs.

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ELECTRONICS ENGINEERING



Wireless and mobile device security (2016)

Doherty, Jim

CO TK105.78 .D64 2016

Located in Fr Jose T Bacatan SJ Library – Circulation Section

The world of wireless and mobile devices is evolving day-to-day, with many individuals relying solely on their wireless devices in the workplace and in the home. The growing use of mobile devices demands that organizations become more educated in securing this growing technology and determining how to best protect their assets. Written by an industry expert, *Wireless and Mobile Device Security* explores the evolution of wired networks to wireless networking and its impact on the corporate world. Using case studies and real-world events, it goes on to discuss risk assessments, threats, and vulnerabilities of wireless networks, as well as the security measures that should be put in place to mitigate breaches.



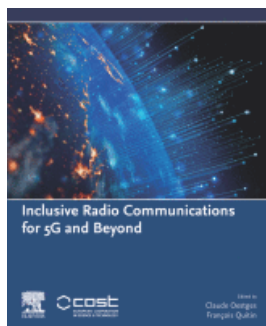
Wireless networks and mobile computing (2016)

Barrett, Rafael (editor)

CO TK5103.2 .W57 2016

Located in Fr Jose T Bacatan SJ Library – Circulation Section

Science and technology have progressed swiftly over the past two decades. The applications of wireless networks and mobile computing have grown exponentially, especially in the industrial sector. This book throws light on diverse aspects of wireless networks and mobile computing through lucid elucidation of topics like software, internet applications, networking tools, etc. The various studies that are constantly contributing towards advancing technologies and evolution of this field are examined in detail.



Inclusive Radio Communications for 5G and Beyond (2021)

Oestges, Claude, François Quitin (editors)

Available in ScienceDirect E-books

Inclusive Radio Communication Networks for 5G and Beyond is based on the COST IRACON project that consists of 500 researchers from academia and industry, with 120 institutions from Europe, US and the Far East involved. The book presents state-of-the-art design and analysis methods for 5G (and beyond) radio communication networks, along with key challenges and issues related to the development of 5G networks.

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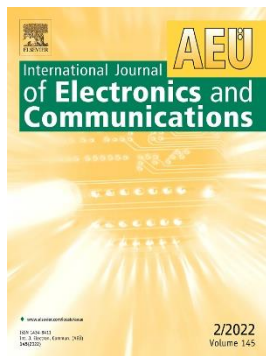


ACM Transactions on Sensor Networks

Full-text available from 2009 to present

Available in EBSCO E-journals

Peer-reviewed coverage of results in the research and applications of distributed, wireless or wireline sensor and actuator networks.



AEU. International journal of electronics and communications

Full-text available from 1987 to present

Available in ScienceDirect E-journals

AEÜ is an international scientific journal which publishes original works, invited tutorials, and special issues on the state-of-the art research areas. The journal's scope covers design and implementation of electronic devices, circuits, and communication systems

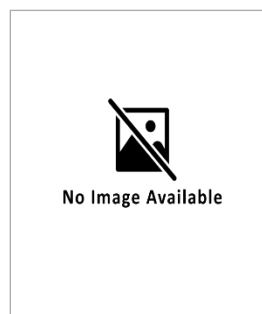


Electronics Letters (Institution of Engineering & Technology)

Full-text available from 2003 to present

Available in EBSCO E-journals

Embraces the entire field of modern electronics, including electronic science and engineering, telecommunications, optoelectronics and optical communication.



Communications Engineer

Full-text available from 2003 to 2007

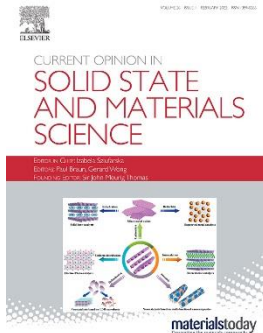
Available in EBSCO E-journals

Provides in-depth coverage of new work at a level which will be informative & accessible to engineers active in areas of communications, including the design, development, operations & application of systems for communication & information networks.

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Visit the library webpage at: <https://www.adzu.edu.ph/library/>

ELECTRONICS ENGINEERING



Current Opinion in Solid State & Materials Science

Full-text available from 1996 to present
Available in ScienceDirect E-journals

The journal aims to provide a snapshot of the latest research and advances in materials science. Each issue contains 2-3 sections of reviews commissioned by international researchers who are experts in their fields. The result is a journal that gives the materials scientist the opportunity to keep informed of all the current developments in their own, and related, areas of research, ensuring the cross-fertilization of ideas across an increasingly interdisciplinary field.



EE: Evaluation Engineering

Full-text available from 2003 to present
Available in EBSCO E-journals

Provides information about the testing, evaluation, design, development and manufacturing of electronic products, equipment and systems.



Electro Optics

Full-text available from 2007 to present
Available in EBSCO E-periodicals

Reports on the latest news & features about lasers, LEDs, lenses & coatings, optics & optical design; has a particular focus on the applications of photonics technology in European industry; carries profiles of & interviews with leading personalities.



Electronic Device Failure Analysis

Full-text available from 2008 to present
Available in EBSCO and eLibraryUSA (Gale Academic OneFile) E-journals

A technical resource for the Failure Analysis engineer.

Search library resources at: <http://210.213.146.180:8080/#section=home>

Visit the library webpage at: <https://www.adzu.edu.ph/library/>

ELECTRONICS ENGINEERING



IUP Journal of Electrical & Electronics Engineering

Full-text available from 2009 to present

Available in EBSCO E-journals

Publishes articles on various areas of electrical and electronics engineering, such as analogue and digital circuitry, microelectronics, microprocessors and memory devices, signal processing, control and expert systems, and electromagnetism.

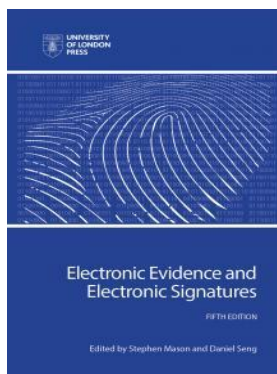


IEE Proceedings - Circuits, Devices and Systems

Full-text available from 2003 to 2006

Available in EBSCO E-journals

Topics include: circuit theory & design, circuit analysis & simulation, computer aided design; filters, circuit implementations, cells & architectures for integration, etc.

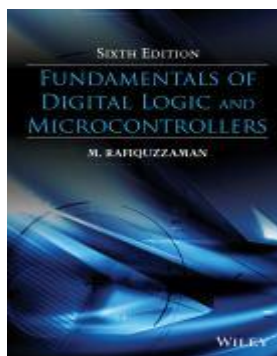


Electronic Evidence and Electronic Signatures (2021)

Mason Stephen, Daniel Seng

Available in elibraryUSA (JSTOR) E-books

In this updated edition of the well-established practitioner text, Stephen Mason and Daniel Seng have brought together a team of experts in the field to provide an exhaustive treatment of electronic evidence and electronic signatures. This fifth edition continues to follow the tradition in English evidence text books by basing the text on the law of England and Wales, with appropriate citations of relevant case law and legislation from other jurisdictions.



Fundamentals of digital logic and microcontrollers (2014)

Rafiquzzaman, M.

CO TK7888.4 .R34 2014

Located in Fr Jose T Bacatan SJ Library – Circulation Section

Reviews of the Fifth Edition: a well-established text for undergraduate and graduate students. A good reference for engineers. "(IEEE Circuits & Devices Magazine, November/December 2006)". Will serve very well for a number of courses in electrical and computing engineering.

Search library resources at: <http://210.213.146.180:8080/#section=home>

Visit the library webpage at: <https://www.adzu.edu.ph/library/>

ELECTRONICS ENGINEERING



Digital Communications and Networks

Full-text available from 2015 to present

Available in ScienceDirect E-journals

Digital Communications and Networks publishes rigorously peer-reviewed, high quality original articles and authoritative reviews that focus on communication systems and networks. All articles are published fully Open Access on ScienceDirect. The journal is indexed by Science Citation Index Expanded (SCIE) and Scopus.

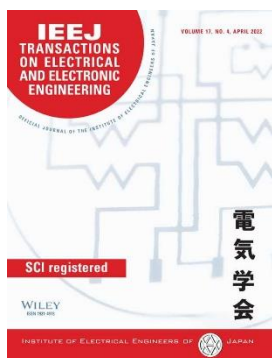


Electronic Engineering Times

Full-text available from 1983 to 2017

Available in elibraryUSA (Gale Academic OneFile) E-journals

Weekly trade newspaper.

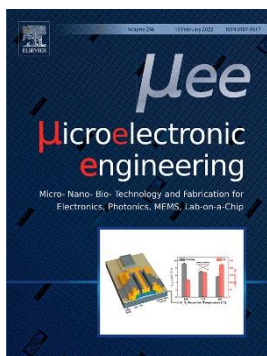


IEEJ Transactions on Electrical and Electronic Engineering

Full-text available from 2012 to present

Available in elibraryUSA (Gale Academic OneFile) E-journals

Publishes original research papers and review articles on the latest technological advances in core areas of electrical and electronic engineering and related disciplines.



Microelectronic Engineering

Full-text available from 1995 to present

Available in ScienceDirect and elibraryUSA (Gale Academic OneFile)

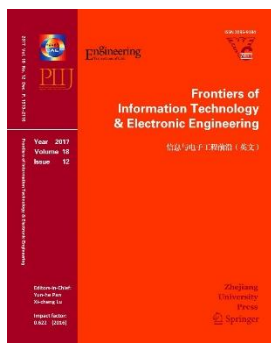
E-journals

Microelectronic Engineering is the premier journal focused on the fabrication and characterization of micro/nano-electronic materials, devices and circuits (including novel electronic nanomaterials), as well as the understanding of their working mechanisms, performance, yield, variability, stability, and reliability. The journal also focuses on the techniques that make possible the fabrication and characterization of such devices and circuits, and on the materials involved in them.

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Frontiers of Information Technology & Electronic Engineering

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Covers research in computer science and engineering, electrics, electronics, information sciences, automation, control, communication as well as applied mathematics related to the computer area.



Electronic Design

Full-text available from 1984 to present

Available in elibraryUSA (Gale Academic OneFile) E-journals

Professional magazine covering current information in the field of electronic design.



Biosensors and Bioelectronics

Full-text available from 1995 to present

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Biosensors & Bioelectronics is the principal international journal devoted to research, design, development and application of biosensors and bioelectronics. It is an interdisciplinary journal serving professionals with an interest in the exploitation of biological materials and designs in novel diagnostic and electronic devices including sensors, DNA chips, electronic noses, lab-on-a-chip and μ -TAS. Biosensors usually yield a digital electronic signal which is proportional to the concentration of a specific analyte or group of analytes. While the signal may in principle be continuous, devices can be configured to yield single measurements to meet specific market requirements.

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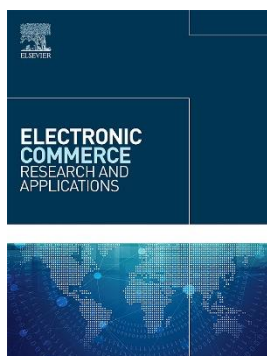


Electronics and Communications in Japan

Full-text available from 2012 to present

Available in elibraryUSA (Gale Academic OneFile) E-journals

Publishes research findings in power generation, transmission and conversion, electrical machinery, control theory and industrial controls, robotics, electrical transportation equipment, magnetic levitation devices, insulation, solar energy, high-power semiconductors, as well as economic and environmental aspects of energy production and distribution.



Electronic Commerce Research and Applications

Full-text available from 2002 to present

Available in ScienceDirect and elibraryUSA (Gale Academic OneFile)

E-journals

Electronic Commerce Research and Applications aims to create and disseminate enduring knowledge for the fast-changing e-commerce environment. A major dilemma in e-commerce research is how to achieve a balance between the currency and the life span of knowledge.

Electronic Commerce Research and Applications will contribute to the establishment of a research community to create the knowledge, technology, theory, and applications for the development of electronic commerce. This is targeted at the intersection of technological potential and business aims.



Journal of Electronic Science and Technology

Full-text available from 2019 to present

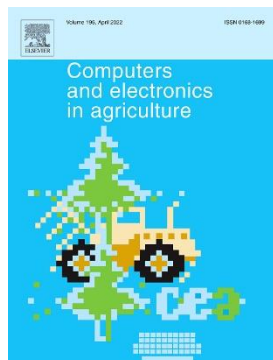
Available in ScienceDirect E-journals

The Journal of Electronic Science and Technology (JEST) (ISSN 1674-862X), is a peer-reviewed periodical devoted to the rapid publication of original and significant contributions related to state-of-the-art achievements in the theory, technology, design, analysis, applications, etc., of electronic science and technology.

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Computers and Electronics in Agriculture

Full-text available from 1985 to present

Available in ScienceDirect E-journals

Computers and Electronics in Agriculture provides international coverage of advances in the development and application of computer hardware, software, electronic instrumentation, and control systems for solving problems in agriculture, including agronomy, horticulture (in both its food and amenity aspects), forestry, aquaculture, and animal/livestock farming. Its new companion journal, Smart Agricultural Technology provides continuity for smart application being applied in production agriculture.

Electromagnetic Interference Source Test System for Marine Power Electronic Rectifier (2019)

Mingtao Ma, Deqiang Cheng, Qiqi Kou

Journal of Coastal Research, Special Issue No. 93: Advances in Water Resources and Exploration (FALL 2019), pp. 704-710

Available in elibraryUSA (JSTOR) E-articles

Advanced Energy Detector with Correlated Multiple Antennas (2021)

Sungtae Kim, Sungmook Lim

KSII Transactions on Internet and Information Systems, Vol. 15, Issue 12.

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A Six-Port Slot Antenna System with Wideband and High-Isolation for 5G NR Bands (2022)

Weidong Mu [and four others]

Progress In Electromagnetics Research M, Vol. 107

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Design of Penta-Band Notched UWB MIMO Antenna for Diverse Wireless Applications (2022)

Sadineni, Ramesh B., Dinesha P. Gowda

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Defected Star-Shaped Microstrip Patch Antenna for Broadband Applications (2022)

Pandey Mahesh S., Virendra S. Chaudhary

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A MIMO Radar System based on Fractal Antenna Arrays for Level Measurement Applications (2021)

Dahl, Christoph, Michael Vogt, Ilona Rolfes
Advances in Radio Science, Vol. 19
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Compact Dual-Band Printed MIMO Antenna with Very Low Mutual Coupling for WLAN, Wi-MAX, Sub-6GHz 5G and X-Band Satellite Communication Applications (2021)

Babu, Kommanaboyina V., [and four others]
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Complementary Split Ring Resonator Based Massive MIMO Antenna System for 5G Wireless Applications (2021)

Surendra Loya, Habibulla Khan
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Masoodi, Issmat S., Insha Ishteyaq, Khalid Muzaffar
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Software-defined radio-based HF doppler receiving system (2021)

Hiroyuki Nakata, [and five others]
Earth, Planets and Space, Vol. 73, Issue 1
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Command, control, communications, computers, intelligence, surveillance, and reconnaissance and the United States Army Communications and Electronics Command (2009)

DISAM Journal, Vol. 31, Issue 1
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Electronic Communication System of Marine Mobile Detection Platform (2020)

Yuetao Du, Nana Yang
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Niekerk, B van, C Cloete
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An Investigation of the Design and Performance of Two-Phase Cooling Systems for Data Center Electronic Systems (2020)

Gaete, Valenzuela, Felipe Andrés.

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Coupling Two-Dimensional (2D) Nanoelectromechanical Systems (Nems) with Electronic and Optical Properties of Atomic Layer Molybdenum Disulfide (MoS₂) (2016)

Yang, Rui

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Thermoresponsive Transient Electronic Systems and Microfluidic Devices for Biomedical Applications (2019)

Zhang, Xin

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2D Electronic Systems in Layered Semiconducting Materials (2017)

Sucharitakul, Sukrit.

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Electronics and Communications Engineering Licensure examination performance and productivity: basis for a development plan (2016)

Cardoza, Pepito

GR-FI-TS TK7863 .C37 2016

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Capacitive touch sensor implementation using Z8 encore! XP F1680 series microcontroller (2009)

Gallardo, Louie Virgil A.

GR-FI-TS TK7895 G35 2009

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The world's most valuable and comprehensive scholarly, multi-disciplinary full-text database, with more than 8,500 full-text periodicals, including more than 7,300 peer-reviewed journals. The database features PDF content going back as far as 1887, with the majority of full text titles in native (searchable) PDF format.

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It provides researchers with the latest information and current trends in high technology. This database offers full text for nearly 300 publications and indexing and abstracts for nearly 450 publications.

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- **Gale Academic OneFile**

Provides millions of articles from over 17,000 scholarly journals and other authoritative sources, including videos from BBC Worldwide Learning to thousands of podcasts and transcripts from CNN. It includes more than 11,000 peer-reviewed journals and major reference sets.

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A digital library of academic content in many formats and disciplines. The collections include top peer-reviewed scholarly journals as well as respected literary journals, academic monographs, research reports from trusted institutes, and primary sources. Journals are available in more than 60 disciplines in the humanities, social sciences, and sciences and mathematics.

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electronic engineering

“electronic engineering” or electronic+engineering

You may also use other keywords related to Electronic Engineering:

Broader terms: Electronics
 Electrical engineering

Narrower terms: Telecommunication systems
 Wireless communication systems
 Data communication
 Broadband communication systems
 Telecommunications engineering
 Communications engineering

Related terms: Electronic circuits
 Electronic devices
 Electronic apparatus and appliances
 Logic circuits
 Electronic analog computers—Circuits
 Electronic digital computers—Circuits
 Computers—Circuits
 Interface circuits

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