Digital Image Processing Sanjay Sharma

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Ambient Communications and Computer Systems - Yu-Chen Hu 2022-05-07
This book features high-quality, peer-reviewed papers from the Fourth International Conference on Recent Advancements in Computer, Communication, and Computational Sciences (RACCCS 2021), held at Aryabhatta College of Engineering and Research Center, Ajmer, India, on August 20–21, 2021. Presenting the latest developments and technical solutions in computational sciences, it covers a variety of topics, such as intelligent hardware and software design, advanced communications, intelligent computing technologies, advanced software engineering, the web and informatics, and intelligent image processing. As such, it helps those in the computer industry and academia to use the advances in next-generation communication and computational technology to shape real-world applications.
Digital Signal Processing - Dr. Sanjay Sharma 2015

Advanced Algorithmic Approaches to Medical Image Segmentation - S. Kamaledin Setarehdan 2012-09-07
Medical imaging is an important topic and plays a key role in robust diagnosis and patient care. It has experienced an explosive growth over the last few years due to imaging modalities such as X-rays, computed tomography (CT), magnetic resonance (MR) imaging, and ultrasound. This book focuses primarily on model-based segmentation techniques, which are applied to cardiac, brain, breast and microscopic cancer cell imaging. It includes contributions from authors working in industry and academia, and presents new material.
Electronic Principles - Dr Sanjay Sharma 2020-02-27
The book 'Electronic Principles' is a comprehensive textbook for the students of B. E., B. Tech, B.Sc., diploma and various other Engineering Disciplines. The book provides an in-depth coverage and comprehensive discussion on essential concepts of Electronics Engineering. The book begins with detailed explanation of classification of semiconductors, transport phenomena in semiconductor and Junction diodes. It also covers circuit modeling techniques for bipolar junction transistors, used in designing amplifiers. The textbook discusses design construction and operation principle for junction gate field-effect transistor, silicon controlled rectifier and operational amplifier. It also includes chapters on Introduction to logic circuits, De Morgan's theorem and digital circuits. Applications of oscillators, silicon controlled rectifier and operational amplifier have also been covered in great details. Pedagogical features including solved problems, multiple choice questions and unsolved exercises are interspersed throughout the book for better understating of concepts. This text is the ideal resource for first year undergraduate engineering students taking an introductory course in fundamentals of electronics engineering/principles of electronics engineering.
Advances in Intelligent Computing and Communication - Mihir Narayan Mohanty 2020-01-13
This book features high-quality research papers presented at the 2nd International Conference on Intelligent Computing and Advances in Communication (ICAC 2019), held at Siksha ‘O’ Anusandhan Deemed to be University, Bhubaneswar, Odisha, India, in November 2019. Covering a wide variety of topics, including management of clean and smart energy systems and environmental challenges, it is a valuable resource for researchers and practicing engineers working in various fields of renewable energy generation, and clean and smart energy management.
Communication Systems - Sanjay Sharma 2012

Smart Computing - Mohammad Ayoub Khan 2021-06-22
The field of SMART technologies is an interdependent discipline. It involves the latest burning issues ranging from machine learning, cloud computing, optimisations, modelling techniques, Internet of Things, data analytics, and Smart Grids among others, that are all new fields. It is an applied and multi-disciplinary subject with a focus on Specific, Measurable, Achievable, Realistic & Timely system operations combined with Machine intelligence & Real-Time computing. It is not possible for any one person to comprehensively cover all aspects relevant to SMART Computing in a limited-extent work. Therefore, these conference proceedings address various issues through the deliberations by distinguished Professors and researchers. The SMARTCOM 2020 proceedings contain tracks dedicated to different areas of smart technologies such as Smart System and Future Internet, Machine Intelligence and Data Science, Real-Time and VLSI Systems, Communication and Automation Systems. The proceedings can be used as an advanced reference for research and for courses in smart technologies taught at graduate level.
Advances in Digital Image Processing and Information Technology - Dhinaharan Nagamalai 2011-10-10
This book constitutes the refereed proceedings of the First International Conference on Digital Image Processing and Pattern Recognition, DPPR 2011, held in Tirunelveli, India, in September 2011. The 48 revised full papers were carefully reviewed and selected from about 400 submissions. The conference brought together leading researchers, engineers and scientists in the domain of Digital Image Processing and Pattern Recognition. The papers cover all theoretical and practical aspects of the field and present new advances and current research results in two tracks, namely: digital image processing and pattern recognition, and computer science, engineering and information technology.
Digital Image Watermarking - Surekha Borra 2018-12-07
The Book presents an overview of newly developed watermarking techniques in various independent and hybrid domains Covers the basics of digital watermarking, its types, domain in which it is implemented and the application of machine learning algorithms onto digital watermarking Reviews hardware implementation of watermarking Discusses optimization problems and solutions in watermarking with a special focus on bio-inspired algorithms Includes a case study along with its MATLAB code and simulation results
Computer Vision and Image Processing - Balasubramanian Raman 2022-07-23
This two-volume set (CCIS 1567-1568) constitutes the refereed proceedings of the 6h International Conference on Computer Vision and Image Processing, CVIP 2021, held in Rupnagar, India, in December 2021. The 70 full papers and 20 short papers were carefully reviewed and selected from the 260 submissions. The papers present recent research on such topics as biometrics, forensics, content protection, image enhancement/super-resolution/restoration, motion and tracking, image or video retrieval, image, image/video processing for autonomous vehicles, video scene understanding, human-computer interaction, document image analysis, face, iris, emotion, sign language and gesture recognition, 3D image/video processing, action and event detection/recognition, medical image and video analysis, vision-based human GAIT analysis, remote sensing, and more.
Image Processing and Capsule Networks - Joy Iong-Zong Chen 2020-07-23
This book emphasizes the emerging building block of image processing domain, which is known as capsule networks for performing deep image recognition and processing for next-generation imaging science. Recent years have witnessed the continuous development of technologies and methodologies related to image processing, analysis and 3D modeling which have been implemented in the field of computer and image vision. The significant development of these technologies has led to an efficient solution called capsule networks [CapsNet] to solve the intricate

challenges in recognizing complex image poses, visual tasks, and object deformation. Moreover, the breakneck growth of computation complexities and computing efficiency has initiated the significant developments of the effective and sophisticated capsule network algorithms and artificial intelligence [AI] tools into existence. The main contribution of this book is to explain and summarize the significant state-of-the-art research advances in the areas of capsule network [CapsNet] algorithms and architectures with real-time implications in the areas of image detection, remote sensing, biomedical image analysis, computer communications, machine vision, Internet of things, and data analytics techniques.

Digital Communications - Dr Sanjay Sharma 2020-02-27

The book 'Digital Communications' is meant for the students of Electronics and Communication, Computer Science, Electrical Engineering, Electrical and Electronics Engineering and Information Technology branches, both at undergraduate and post-graduate levels. In this book, the basic principles involved in the analysis and design of Digital Communication Systems are presented with an overall aim of helping the students to develop an intuitive idea about the theory under discussion. It is a well-designed textbook for self-study as well as a reference for anyone who has interest in studying Digital Communications. The book, though comprehensive, has been developed in a reader-friendly fashion by providing numerous pedagogical aids for the study of Digital Communication Systems.

The Art of Listening - Les Back 2007-08-15

Our culture is one that speaks rather than listens. From reality TV to political rallies, there is a clamour to be heard, to narrate, and to receive attention. It reduces 'reality' to revelation and voyeurism. The Art of Listening argues that this way of life is having severe and damaging consequences in a world that is increasingly globalized and where time and space is ever more rare. It addresses the question: how can we listen more carefully? Theory is combined with real stories from the experiences of the desperate stowaways who hide in the undercarriage of jet planes in order to seek asylum, to the young working-class people who use tattooing to commemorate a lost love. Les Back shows how sociology is in a unique position to record 'life passed in living' and to listen to complex experiences with humility and ethical care, in opposition to the Babel of voyeurism that has taken hold in the mainstream media.

ECG Masters' Collection, Volume 2 - Mohammad Shenasa, MD 2018-02-15

Over 75 exceptional electrocardiogram case studies curated from the libraries of 60 internationally recognized master teachers of ECG interpretation are brought together in this one-of-a-kind resource for student and teacher alike. Organized by disease type, ECG case studies are presented in a clinical context followed by questions and discussion. Medical students, residents, fellows, physicians — anyone who is involved in caring for patients with various cardiovascular diseases and other systemic pathologies — will find this unique collection with a global perspective useful and practical in developing the skills necessary to reading ECGs.

Chronic Heart Failure - Mark Kearney 2008-10-23

Between 1-2% of the adult population have chronic heart failure, with 6-10% of people over the age of 65 years suffering from the disorder. While the age-adjusted incidence of chronic heart failure has remained stable over the last 20 years, its prevalence has increased with over one million cases in the United Kingdom alone. This practical pocketbook provides a guide for healthcare professionals - doctors, nurses and technical staff - who manage patients with chronic heart failure. Each chapter is written by a leader in that particular area of the treatment or investigation of chronic heart failure and provides a concise but comprehensive review of each area. As a whole the book provides a guide to aetiology, epidemiology, physiology and pathophysiology, and investigation and treatment of chronic heart failure close up. Further chapters address chronic heart failure with preserved systolic function and complex congenital causes of chronic heart failure. As chronic heart failure remains an often lethal disorder, one chapter focuses on the management of patients with advanced chronic heart failure with a section on end of life situations. Each chapter is able to 'stand alone' with key points at the beginning of each chapter and diagrams and flow charts to illustrate these key points.

High-Performance Medical Image Processing - Sanjay Saxena 2022-07-07

The processing of medical images in a reasonable timeframe and with high definition is very challenging. This volume helps to meet that challenge by presenting a thorough overview of medical imaging modalities, its processing, high-performance computing, and the need to embed parallelism in medical image processing techniques to achieve efficient and fast results. With contributions from researchers from prestigious laboratories and educational institutions, High-Performance Medical Image Processing provides important information on medical image processing techniques, parallel computing techniques, and embedding parallelism in different image processing techniques. A comprehensive review of parallel algorithms in medical image processing problems is a key feature of this book. The volume presents the relevant theoretical frameworks and the latest empirical research findings in the area and provides detailed descriptions about the diverse high-performance techniques. Topics discussed include parallel computing, multicore architectures and their applications in image processing, machine learning applications, conventional and advanced magnetic resonance imaging methods, hyperspectral image processing, algorithms for segmenting 2D slices for 3D viewing, and more. Case studies, such as on the detection of cancer tumors, expound on the information presented. Key features: Provides descriptions of different medical imaging modalities and their applications Discusses the basics and advanced aspects of parallel computing with different multicore architectures Expounds on the need for embedding data and task parallelism in different medical image processing techniques Presents helpful examples and case studies of the discussed methods This book will be valuable for professionals, researchers, and students working in the field of healthcare engineering, medical imaging technology, applications in machine and deep learning, and more. It is also appropriate for courses in computer engineering, biomedical engineering and electrical engineering based on artificial intelligence, parallel computing, high performance computing, and machine learning and its applications in medical imaging.

Recent Trends in Communication and Electronics - Sanjay Sharma 2021-06-29

The Department of Electronics and Communication Engineering of KIET Group of Institutions, Delhi-NCR organized the 4th International Conference ICCE-2020 during November 28-29, 2020. Information compiled in this book is based on the 114 research papers of excellent quality covering different domains of Electronics and Communication Engineering, Computer Science Engineering, Information Technology, Electrical Engineering, Electronics and Instrumentation Engineering. The subject areas treated in the book are: Satellite, Radar and Microwave Techniques, Secure, Smart, and Reliable Networks, Next Generation Networks, Devices & Circuits, Signal & Image Processing, New Emerging Technologies, having the central focus on Recent Trends in Communication & Electronics (ICCE-2020). In addition, a few themes based on Special Sessions have also been conducted in ICCE-2020. The objective of the book resulting from the 4th International Conference on Recent Trends in Communication & Electronics (ICCE-2020) is to provide a resource for the study and research work for an interested audience comprising of researchers, students, audience, and practitioners in the areas of Communications & Computing Systems.

Signals And Systems (With Matalab Prog.) - Sanjay Sharma 2009

Intelligent System Algorithms and Applications in Science and Technology - Sunil Pathak 2022-02-03

The 21st century has witnessed massive changes around the world in intelligence systems in order to become smarter, energy efficient, reliable, and cheaper. This volume explores the application of intelligent techniques in various fields of engineering and technology. It addresses diverse topics in such areas as machine learning-based intelligent systems for healthcare, applications of artificial intelligence and the Internet of Things, intelligent data analytics techniques, intelligent network systems and applications, and inequalities and process control systems. The authors explore the full breadth of the field, which encompasses data analysis, image processing, speech processing and recognition, medical science and healthcare monitoring, smart irrigation systems, insurance and banking, robotics and process control, and more.

Handbook of Research on Natural Computing for Optimization Problems - Mandal, Jyotsna Kumar 2016-05-25

Nature-inspired computation is an interdisciplinary topic area that connects the natural sciences to computer science. Since natural computing is utilized in a variety of disciplines, it is imperative to research its capabilities in solving optimization issues. The Handbook of Research on Natural Computing for Optimization Problems discusses nascent optimization procedures in nature-inspired computation and the innovative tools and techniques being utilized in the field. Highlighting

empirical research and best practices concerning various optimization issues, this publication is a comprehensive reference for researchers, academicians, students, scientists, and technology developers interested in a multidisciplinary perspective on natural computational systems.

Digital Communications and Signal Processing (Second Edition) - Ke Vāsudēvan 2010

Ubiquitous Computing and Multimedia Applications - Tai-hoon Kim 2011-05-04

This two-volume set (CCIS 150 and CCIS 151) constitutes the refereed proceedings of the Second International Conference on Ubiquitous Computing and Multimedia Applications, UCMA 2011, held in Daejeon, Korea, in April 2011. The 86 revised full papers presented were carefully reviewed and selected from 570 submissions. Focusing on various aspects of advances in multimedia applications and ubiquitous computing with computational sciences, mathematics and information technology the papers present current research in the area of multimedia and ubiquitous environment including models and systems, new directions, novel applications associated with the utilization, and acceptance of ubiquitous computing devices and systems.

Research Developments in Computer Vision and Image Processing: Methodologies and Applications - Srivastava, Rajeev 2013-09-30

Similar to the way in which computer vision and computer graphics act as the dual fields that connect image processing in modern computer science, the field of image processing can be considered a crucial middle road between the vision and graphics fields. Research Developments in Computer Vision and Image Processing: Methodologies and Applications brings together various research methodologies and trends in emerging areas of application of computer vision and image processing. This book is useful for students, researchers, scientists, and engineers interested in the research developments of this rapidly growing field.

Navigation and Control of Autonomous Marine Vehicles - Sanjay Sharma 2019-06-26

Robotic marine vessels can be used for a wide range of purposes, including defence, marine science, offshore energy and hydrographic surveys, and environmental surveys and protection. Such vessels need to meet a variety of criteria: they must be able to operate in salt water, and to communicate and be controlled over large distances, even when submerged or in inclement weather. Further challenges include 3D navigation of individual vehicles, groups or squadrons. This book covers the current state of research in navigation, modelling and control of marine autonomous vehicles, and deals with various related topics, including collision avoidance, communication, and a range of applications. It provides valuable insights for an audience of researchers, academics and postgraduate students interested in autonomous marine vessels, robotics, and electrical and automobile engineering.

Computer Vision and Information Technology - R. R. Manza 2010

Spread in 133 articles divided in 20 sections the present treatises broadly discusses: Part 1: Image Processing Part 2: Radar and Satellite Image Processing Part 3: Image Filtering Part 4: Content Based Image Retrieval Part 5: Color Image Processing and Video Processing Part 6: Medical Image Processing Part 7: Biometric Part 8: Network Part 9: Mobile Computing Part 10: Pattern Recognition Part 11: Pattern Classification Part 12: Genetic Algorithm Part 13: Data Warehousing and Mining Part 14: Embedded System Part 15: Wavelet Part 16: Signal Processing Part 17: Neural Network Part 18: Nanotechnology and Quantum Computing Part 19: Image Analysis Part 20: Human Computer Interaction

The Oxford Handbook of Management Ideas - Andrew Sturdy 2019-03-28

Management ideas, and their associated applications, have become a prevalent feature of our working lives. While their focus is familiar, such as efficiency, motivation, and improvement, they range from specific notions such as activity-based costing, to broad movements like corporate social responsibility. This Handbook brings together some of the latest research from leading international scholars on how management ideas are produced, promoted, and adapted, and their effects on business and working practices and society at large. Rather than focusing on specific management ideas, this volume explores their key socio-political contexts and channels of dissemination, and is organized around four core overlapping themes. The first section sets out the research field in general, in terms of both an overall system and of different perspectives and research methods. The second section explores the role of different actors and channels of diffusion, including the consumers and producers of management ideas and 'new' media, as well as traditional players in the management ideas field such as consultancies and business schools. The third section focuses on specific features or dynamics of the management ideas system, such as their adoption, evolution, institutionalisation, and resurgence, while in the final section, critical and new perspectives on management ideas are examined, highlighting specific socio-political contexts and the possibility of alternative ideas and forms of critique. With a broad range of perspectives represented, this Handbook provides a comprehensive, authoritative, and enduring resource for those studying management, innovation, and organizational change, as well as for those working in the management ideas industry.

Advances in VLSI, Communication, and Signal Processing - David Harvey 2020-10-14

This book comprises select peer-reviewed papers from the International Conference on VLSI, Communication and Signal processing (VCAS) 2019, held at Motilal Nehru National Institute of Technology (MNNIT) Allahabad, Prayagraj, India. The contents focus on latest research in different domains of electronics and communication engineering, in particular microelectronics and VLSI design, communication systems and networks, and signal and image processing. The book also discusses the emerging applications of novel tools and techniques in image, video and multimedia signal processing. This book will be useful to students, researchers and professionals working in the electronics and communication domain.

International Conference on Wireless, Intelligent, and Distributed Environment for Communication - Isaac Woungang 2018-04-17

This book presents the proceedings of the International Conference on Wireless Intelligent and Distributed Environment for Communication (WIDECOM 2018), organized by SRM University, NCR Campus, New Delhi, India, February 16-18, 2018. The conference focuses on challenges with respect to the dependability of integrated applications and intelligence-driven security threats against the platforms supporting these applications. The WIDECOM 2018 proceedings features papers addressing issues related to the new dependability paradigms, design, control, and management of next generation networks, performance of dependable network computing and mobile systems, protocols that deal with network computing, mobile/ubiquitous systems, cloud systems, and Internet of Things (IoT) systems. The proceeding is a valuable reference for researchers, instructors, students, scientists, engineers, managers, and industry practitioners, in industry, in the aforementioned areas. The book’s structure and content is organized in such a manner that makes it useful at a variety of learning levels. Presents the proceedings of the International Conference on Wireless Intelligent and Distributed Environment for Communication (WIDECOM 2018), organized by SRM University, NCR Campus, New Delhi, India, February 16-18, 2018; Includes an array of topics related to new dependability paradigms, design, control, and management of next generation networks, performance of dependable network computing and mobile systems, protocols that deal with network computing, mobile/ubiquitous systems, cloud systems, and Internet of Things (IoT) systems; Addresses issues related to the design and performance of dependable network computing and systems and to the security of these systems.

Artificial Intelligence for Societal Development and Global Well-Being - Saxena, Abhay 2022-06-17

Artificial intelligence has become an invaluable tool in modern society and can be utilized across fields such as healthcare, travel, education, and construction. There are numerous benefits for companies, industries, and governments when adopting this technology into their daily operations as it continues to evolve to support the needs of society. Further study on the challenges and strategies of implementation is required in order to ensure the technology is employed to its full potential. Artificial Intelligence for Societal Development and Global Well-Being considers the various uses, best practices, and success factors of artificial intelligence across fields and industries and discusses critical ways in which the technology must be developed further for the good of society. Covering a range of topics such as smart devices, artificial neural networks, and natural intelligence, this reference work is crucial for scientists, librarians, business owners, government officials, entrepreneurs, scholars, researchers, practitioners, instructors, and students.

Computer Vision: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2018-02-02

The fields of computer vision and image processing are constantly evolving as new research and applications in these areas emerge.

Staying abreast of the most up-to-date developments in this field is necessary in order to promote further research and apply these developments in real-world settings. Computer Vision: Concepts, Methodologies, Tools, and Applications is an innovative reference source for the latest academic material on development of computers for gaining understanding about videos and digital images. Highlighting a range of topics, such as computational models, machine learning, and image processing, this multi-volume book is ideally designed for academicians, technology professionals, students, and researchers interested in uncovering the latest innovations in the field.
Digital Image Processing - Sanjay Sharma 2013

Medical Imaging: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2016-07-18
Medical imaging has transformed the ways in which various conditions, injuries, and diseases are identified, monitored, and treated. As various types of digital visual representations continue to advance and improve, new opportunities for their use in medical practice will likewise evolve. Medical Imaging: Concepts, Methodologies, Tools, and Applications presents a compendium of research on digital imaging technologies in a variety of healthcare settings. This multi-volume work contains practical examples of implementation, emerging trends, case studies, and technological innovations essential for using imaging technologies for making medical decisions. This comprehensive publication is an essential resource for medical practitioners, digital imaging technologists, researchers, and medical students.
Second International Conference on Image Processing and Capsule Networks - Joy Iong-Zong Chen
This book includes the papers presented in 2nd International Conference on Image Processing and Capsule Networks [ICIPCN 2021]. In this digital era, image processing plays a significant role in wide range of real-time applications like sensing, automation, health care, industries etc. Today, with many technological advances, many state-of-the-art techniques are integrated with image processing domain to enhance its adaptiveness, reliability, accuracy and efficiency. With the advent of intelligent technologies like machine learning especially deep learning, the imaging system can make decisions more and more accurately. Moreover, the application of deep learning will also help to identify the hidden information in volumetric images. Nevertheless, capsule network, a type of deep neural network, is revolutionizing the image processing domain; it is still in a research and development phase. In this perspective, this book includes the state-of-the-art research works that integrate intelligent techniques with image processing models, and also, it reports the recent advancements in image processing techniques. Also, this book includes the novel tools and techniques for deploying real-time image processing applications. The chapters will briefly discuss about the intelligent image processing technologies, which leverage an authoritative and detailed representation by delivering an enhanced image and video recognition and adaptive processing mechanisms, which may clearly define the image and the family of image processing techniques and applications that are closely related to the humanistic way of thinking.
Machine Learning Approaches for Convergence of IoT and Blockchain - Krishna Kant Singh 2021-08-10
MACHINE LEARNING APPROACHES FOR CONVERGENCE OF IOT AND BLOCKCHAIN The unique aspect of this book is that its focus is the convergence of machine learning, IoT, and blockchain in a single publication. Blockchain technology and the Internet of Things (IoT) are two of the most impactful trends to have emerged in the field of machine learning. Although there are a number of books available solely on the subjects of machine learning, IoT and blockchain technology, no such book has been available which focuses on machine learning techniques for IoT and blockchain convergence until now. Thus, this book is unique in terms of the topics it covers. Designed as an essential guide for all academicians, researchers, and those in industry who are working in related fields, this book will provide insights into the convergence of blockchain technology and the IoT with machine learning. Highlights of the book include: Examines many industries such as agriculture, manufacturing, food production, healthcare, the military, and IT Security of the Internet of Things using blockchain and AI Developing smart cities and transportation systems using machine learning and IoT Audience The target audience of this book is professionals and researchers (artificial intelligence specialists, systems engineers, information technologists) in the fields of machine learning, IoT, and blockchain technology.
Digital Signal Processing - Sanjay Sharma 2011

Green Chemistry for Environmental Sustainability - Sanjay K. Sharma 2010-07-19
When the Nobel Prize Committee recognized the importance of green chemistry with its 2005 Nobel Prize for Chemistry, this relatively new science came into its own. Although no concerted agreement has been reached yet about the exact content and limits of this interdisciplinary discipline, there seems to be increasing interest in environmental topic
Advances in Electrical and Computer Technologies - Thangaprakash Sengodan 2021-02-26
This book comprises select proceedings of the International Conference on Advances in Electrical and Computer Technologies 2020 (ICAECT 2020). The papers presented in this book are peer-reviewed and cover latest research in electrical, electronics, communication and computer engineering. Topics covered include smart grids, soft computing techniques in power systems, smart energy management systems, power electronics, feedback control systems, biomedical engineering, geo informative systems, grid computing, data mining, image and signal processing, video processing, computer vision, pattern recognition, cloud computing, pervasive computing, intelligent systems, artificial intelligence, neural network and fuzzy logic, broad band communication, mobile and optical communication, network security, VLSI, embedded systems, optical networks and wireless communication. The volume can be useful for students and researchers working in the different overlapping areas of electrical, electronics and communication engineering.
Applications of Artificial Intelligence and Machine Learning - Ankur Choudhary 2021-07-27
The book presents a collection of peer-reviewed articles from the International Conference on Advances and Applications of Artificial Intelligence and Machine Learning - ICAAAIML 2020. The book covers research in artificial intelligence, machine learning, and deep learning applications in healthcare, agriculture, business, and security. This volume contains research papers from academicians, researchers as well as students. There are also papers on core concepts of computer networks, intelligent system design and deployment, real-time systems, wireless sensor networks, sensors and sensor nodes, software engineering, and image processing. This book will be a valuable resource for students, academics, and practitioners in the industry working on AI applications.
Computer Applications for Communication, Networking, and Digital Contents - Tai-hoon Kim 2012-11-28
This volume constitutes the refereed proceedings of the International Conferences, FGCN and DCA 2012, held as part of the Future Generation Information Technology Conference, FGIT 2012, Kangwondo, Korea, in December 2012. The papers presented were carefully reviewed and selected from numerous submissions and focus on the various aspects of future generation communication and networking, and digital contents and applications.