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This book is a complete manual for users of the Sony Cyber-shot DSC-RX100 VII camera, one of the most advanced, but still pocketable, cameras available. With this book, author Alexander White provides users of the RX100 VII with a guide to all aspects of the camera's operation, including its many advanced settings for autofocus and exposure control. Using a

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tutorial-like approach, the book shows beginning and intermediate photographers how to take still images and record video with the RX100 VII, and explains when and why to use the camera's many features. The book provides details about the camera's automatic and advanced shooting modes, including continuous shooting at rates as fast as 20 frames per second, with short bursts as fast as 90 frames per second, as well as its numerous menu options for shooting, playback, and setup. The book includes information about using Wi-Fi and

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Bluetooth connections for image transfer, remote control, and adding location information to images. The book has more than 500 color photographs or illustrations that help explain the camera's menus, shooting screens, and features. These images include examples of photographs taken using the RX100 VII's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, low-light, and action shots; and the Creative Style and Picture Effect menu options, with settings that alter the

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appearance of images. The book also provides introductions to topics such as street photography, astrophotography, and digiscoping, with photographic examples. The book includes a full discussion of the video features of the RX100 VII, which can shoot HD and 4K (ultra-HD) movies, and which offers manual control of exposure and focus during movie recording. The book explains the camera's numerous features that are useful for professional-level videography, including Picture Profiles that allow adjustment of settings such as

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gamma curve, black level, knee, and detail. The book provides detailed information about recording 4K video to an external video recorder using the “clean” video output from the camera’s HDMI port. In three appendices, the book discusses accessories for the RX100 VII, including cases, power sources, grips, remote controls, and filter adapters, and includes a list of websites and other resources for further information. The book includes an appendix with “quick tips” on how to take advantage of the

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camera's features in the most efficient ways possible. This guide to the RX100 VII includes a detailed index, so the reader can quickly find needed information about any particular feature or aspect of the camera.

The popularity of wireless networking has grown exponentially over the past few years, despite a general downward trend in the telecommunications industry. More and more computers and users worldwide communicate via radio waves every day, cutting the tethers of the cabled network

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both at home and at work. Wireless technology changes not only the way we talk to our devices, but also what we ask them to do. With greater flexibility, broader range, and increased mobility, wireless networks let us live, work, and think differently. Wireless networks also open up a vast range of tasty new hack possibilities, from fine-tuning network frequencies to hot-rodding handhelds. The second edition of *Wireless Hacks*, co-authored by Rob Flickenger and Roger Weeks, brings readers more of the

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practical tips and tricks that made the first edition a runaway hit, selling nearly 30,000 copies. Completely revised and updated, this version includes over 30 brand new hacks, major overhauls of over 30 more, and timely adjustments and touchups to dozens of other hacks introduced in the first edition. From passive network scanning to aligning long-distance antennas, beefing up wireless network security, and beyond, *Wireless Hacks* answers real-life networking needs with direct solutions. Flickenger and

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Weeks both have extensive experience in systems and network administration, and share a passion for making wireless more broadly available. The authors include detailed coverage for important new changes in specifications and in hardware and software, and they delve deep into cellular and Bluetooth technologies. Whether you need your wireless network to extend to the edge of your desk, fit into your backpack, or cross county lines, the proven techniques in Wireless Hacks will show you how to get the coverage and

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functionality you're looking for.

Photographer's Guide to the Panasonic Lumix DC-LX100 II is a complete guide to the use of the LX100 II camera. The 200-page book shows beginning and intermediate photographers how to capture excellent images and video sequences with the LX100 II. The book explains the use of autofocus, manual focus, aperture, shutter speed, exposure compensation, white balance, ISO, and all other settings of the camera. The book discusses the camera's options for playback, setup, and

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customizing the operation of its controls. The book contains more than 300 color photographs showing the camera's controls, display screens, and menus. The book includes photographs taken using the many creative settings of the camera, including the Photo Style settings; the Filter Settings picture effects, which provide the ability to customize the appearance of images in dramatic ways; and the camera's features for burst shooting and shooting in high-contrast lighting conditions. The book explains how to use the LX100 II's

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innovative features such as Light Composition and Sequence Composition, which enable the creation of multiple exposures of scenes with bright flashes, such as fireworks, or scenes involving motion, such as sports events. The book includes a full discussion of the video recording abilities of the LX100 II camera, which offers manual control of exposure and focus during movie recording, and provides ultra-high definition 4K recording of motion pictures. The book also explains the camera's features for

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extracting still images from 4K video and using the Post Focus feature to select a sharply focused image after a shooting session. In three appendices, the book discusses accessories for the LX100 II, including cases, power supply options, and other items, and includes a list of websites and other resources for further information. The book includes an appendix with helpful Quick Tips that explain how to take advantage of the camera's features in the most efficient ways possible. The book has a full table of contents and

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comprehensive index.

This new book provides an insightful look at the varied and exciting uses and applications of Wi-Fi and the Internet of Things in agriculture. With internet-enabled communications becoming more widely available, farms and agricultural establishments can take advantage of these new technologies for a wide range of farm operations, such as crop management, farm vehicle tracking, livestock monitoring, storage monitoring, and more. The collected data from these devices can be

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stored in the cloud system or server and accessed by the farmers via the internet or mobile phones. This book shows the many benefits to farmers from applying IoT, including better utilizing information for monitoring crops, optimizing water use, planning effective fertilization strategies, and saving time and reducing the operation expenses. Topics include using IoT for vertical farming, IoT-based smart irrigation system, landslide susceptibility assessment, automated aeroponics systems, crop survival

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analysis, and more. The volume also considers the challenges of IoT in agriculture, such as the requirements of applications of wireless sensor networks, the threat of attacks and the detection of vulnerabilities in wireless sensor networks, and more. Internet of Things for Agriculture 4.0: Impact and Challenges provides a better understanding of the time- and resourcing-saving benefits of wireless sensors and remote monitoring devices in agriculture. The volume will be useful for those involved in agricultural

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operations as well as scientists and researchers, and faculty and students in agriculture and computer and information science engineering.

Bluetooth Remote Control (BRC) for Pc Robotic Systems: Concepts, Methodologies, Tools, and Applications
Proceedings of the 6th International Workshop Soft Computing Applications (SOFA 2014), Volume 1
Impact and Challenges
Evolving Technologies for Computing, Communication and Smart World

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Photographer's Guide to the Sony DSC-RX100

VII

Concepts, Methodologies, Tools, and Applications

This book includes high-quality research papers presented at 3rd International Conference on Sustainable Communication Networks and Applications (ICSCN 2021), which is held at Surya Engineering College (SEC), Erode, India, during 29-30 July 2021. This book includes novel and state-of-the-art research discussions that articulate and report all research

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aspects, including theoretical and experimental prototypes and applications that incorporate sustainability into emerging applications. The book discusses and articulates emerging challenges in significantly reducing the energy consumption of communication systems and also explains development of a sustainable and energy-efficient mobile and wireless communication network. It includes best selected high-quality conference papers in different fields such as Internet of Things, cloud computing, data mining,

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artificial intelligence, machine learning, autonomous systems, deep learning, neural networks, renewable energy sources, sustainable wireless communication networks, QoS, network sustainability, and many other related areas.

About the Authors C Bala Kumar is a Distinguished Member of the Technical Staff at Motorola. He chaired the industry expert group that defined the Java APIs for Bluetooth wireless technology. He currently leads the systems software team for wireless platforms in Motorola's

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Semiconductor Products Sector. Paul J. Kline is a Distinguished Member of the Technical Staff at Motorola and the maintenance lead for the JABWT specification. He currently works on the System Software Architecture team in Motorola's Semiconductor Products Sector. Timothy J. Thompson is a Senior Software Engineer on the System Software Architecture team in Motorola's Semiconductor Products Sector. He was the OBEX architect on the JABWT specification team at Motorola.-

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Say cheese! Explore this beginner-friendly guide to digital photography with the Nikon Z fc camera. With a design that looks like an old-school film camera, the Nikon Z fc makes photographers want to grab this very-modern model off the shelf and start taking photos. But if you really want to set your pictures apart from the average snapshot, you need Nikon Z fc For Dummies. This book takes you on a comprehensive and user-friendly tour of the Nikon Z fc camera, its settings, and all of its automatic and manual options. You'll learn

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to accessorize your camera with custom lenses and flash units and control the color and clarity of your images. You'll also get: Accessible instruction on tried and tested photography techniques Instruction on how to adjust color and exposure settings Strategies for when to use your camera's auto options to when to take full control of settings Ideal for anyone who wants to get the most out of their Nikon Z fc camera, Nikon Z fc For Dummies covers the photography basics you need to understand to take fantastic

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pictures along with how to apply those techniques to the Nikon Z fc.

The theme of CUTE is focused on the various aspects of ubiquitous computing for advances in ubiquitous computing and provides an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of ubiquitous computing. Therefore this book will be include the various theories and practical applications in ubiquitous computing

Android Tips, Tricks, Apps & Hacks Volume

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2

Social Networking and Computational Intelligence

Proceedings of Third International Conference on Communication, Computing and Electronics Systems

Photographer's Guide to the Sony DSC-RX100

VI

Proceedings of ICSCN 2021

ICCCES 2021

This proceeding contains selected papers from the National Seminar on "The Role and Strategy

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of Higher Education through the Results of Research and Community Service Entering the Industrial Age 4.0" which conducted on November 23rd, 2019 in Banjarmasin, Indonesia. This National Seminar was organized by Sari Mulia University, Banjarmasin, Indonesia. This conference accommodates research topics and community service from various aspects such as health, humanities, science and technology. We would like to express our appreciation and gratitude to the invited experts who have provided insights to the participants of this national seminar, as well as the research

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committee and paper reviewers who have worked hard until there are 95 papers worthy of publication in the NS-UNISM 2019 proceedings. Papers in this proceedings are expected to provide academic benefits, especially in broadening our horizons of understanding in our area of expertise as academics and practitioners. We realize that what we present for this publication is far from perfect. Constructive criticism is welcome for improvement. Finally, I represent the national seminar committee and also on behalf of the Sari Mulia University, Banjarmasin, Indonesia expressing my gratitude

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for participating and congratulating the publication of the paper in the NS-UNISM 2019. We from the Civitas Academica Sari Mulia University, together with the Committee also want to say thank you so much to all persons who have supported and actively participated in the success of this event. Hopefully this proceeding can be used as a reference in developing academic studies, technology and improving learning activities in the fields of health, humanities, and science and technology. This proceeding contains selected papers from the National Seminar on "The Role and Strategy of

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Higher Education through the Results of Research and Community Service Entering the Industrial Age 4.0" which conducted on November 23rd, 2019 in Banjarmasin, Indonesia. This National Seminar was organized by Sari Mulia University, Banjarmasin, Indonesia. This conference accommodates research topics and community service from various aspects such as health, humanities, science and technology. We would like to express our appreciation and gratitude to the invited experts who have provided insights to the participants of this national seminar, as well as the research committee and paper reviewers

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who have worked hard until there are 95 papers worthy of publication in the NS-UNISM 2019 proceedings. Papers in this proceedings are expected to provide academic benefits, especially in broadening our horizons of understanding in our area of expertise as academics and practitioners. We realize that what we present for this publication is far from perfect. Constructive criticism is welcome for improvement. Finally, I represent the national seminar committee and also on behalf of the Sari Mulia University, Banjarmasin, Indonesia expressing my gratitude for participating and congratulating the

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publication of the paper in the NS-UNISM 2019. We from the Civitas Academica Sari Mulia University, together with the Committee also want to say thank you so much to all persons who have supported and actively participated in the success of this event. Hopefully this proceeding can be used as a reference in developing academic studies, technology and improving learning activities in the fields of health, humanities, and science and technology. Best regards, Dr. Ir. Agustinus Hermino, M.Pd (Vice President III for Resources and Partnerships) This book constitutes the thoroughly refereed

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proceedings of the Third International Workshop on ICTs for Improving Patients Rehabilitation Research Techniques, REHAB 2015, held in Lisbon, Portugal, in October 2015. The 15 revised full papers presented were carefully reviewed and selected from 59 submissions. The papers explore how technology can contribute toward smarter and effective rehabilitation methods.

This book is for the intermediate to advanced Arduino user. The reader will learn how to develop Arduino applications for the Uno and Nano that drive robots using an Android device. The remote control will use Bluetooth for

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communications. The Android software application is developed using the MIT App Inventor software. The MIT App Inventor is also under development for the iOS. It may become available soon. One project will use continuous rotation micro servos and the Nano. The second project will use the Uno and geared DC motors. The second project also contains a micro servo for rotating the Ultra-Sonic Sensor. Both projects will use HC-06 Bluetooth devices, the HC-05 will also work with possible minor wiring changes. With the Arduino the software developed is the same for the Uno and Nano, minor changes for uploading

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occur. The reader can substitute Arduino devices as desired. Possible wiring changes may be necessary depending on the device. The projects were developed on a Windows 10 PC and a Samsung Galaxy smartphone. While not tested the projects will probably work on Linux and OS platforms with some changes. The MIT App Inventor software is free and must be downloaded to your PC. Applications developed are stored in the cloud. A Google account is required, if you use Google mail you already have the account. The book does not go into details on the MIT App Inventor use. We recommend that the reader go

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through some of the excellent tutorials on-line. The book does provide compete screen shots of the MIT App Inventor Designer and Blocks used. The MIT app is very intuitive and quite powerful. This app greatly simplifies the development of Android applications. This book includes the printed source code and wiring diagrams for the projects. The electronic or digitized source code is available to download for an additional fee for a limited time. While not covered in this book one can easily see the development of many applications for smartphones and tablets. This book includes high quality research papers

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presented at the International Conference on Communication, Computing and Electronics Systems 2021, held at the PPG Institute of Technology, Coimbatore, India, on 28-29 October 2021. The volume focuses mainly on the research trends in cloud computing, mobile computing, artificial intelligence and advanced electronics systems. The topics covered are automation, VLSI, embedded systems, optical communication, RF communication, microwave engineering, artificial intelligence, deep learning, pattern recognition, communication networks, Internet of Things, cyber-physical systems, and healthcare

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informatics.

Proceedings of the 2021 Intelligent Systems Conference (IntelliSys).. Volume 3

Advanced Microsystems for Automotive Applications 2012

Bluetooth Remote Control Robot Ubiquitous Information Technologies and Applications

Intelligent Systems and Applications NS-UNISM 2019

Select Proceedings of NSC 2019

Through expanded intelligence, the use of robotics has fundamentally transformed a variety of fields,

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including manufacturing, aerospace, medicine, social services, and agriculture. Continued research on robotic design is critical to solving various dynamic obstacles individuals, enterprises, and humanity at large face on a daily basis. *Robotic Systems: Concepts, Methodologies, Tools, and Applications* is a vital reference source that delves into the current issues, methodologies, and trends relating to advanced robotic technology in the modern world. Highlighting a range of topics such as mechatronics, cybernetics, and human-computer interaction, this multi-volume book is ideally designed for robotics engineers, mechanical

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engineers, robotics technicians, operators, software engineers, designers, programmers, industry professionals, researchers, students, academicians, and computer practitioners seeking current research on developing innovative ideas for intelligent and autonomous robotics systems.

El curso de Tecnología de Redes Inalámbricas presenta al estudiante las diferentes técnicas y estándares actualmente utilizados para la transmisión de datos a través del aire usando estándares como 802.11, Bluetooth, Zigbee, Infrarrojo, etc. Frente a tal variedad de posibilidades para la organización de las prácticas de la

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asignatura, hemos considerado el uso de un sistema de Desarrollo Abierto que sea lo suficientemente versátil como para adaptar módulos que permitan la prueba de las diferentes tecnologías de redes inalámbricas existentes, por esta razón ha sido elegido la plataforma Arduino, lo que nos permitirá agregar módulos adicionales (Shield) con suficiente adaptación al tiempo de práctica. Arduino es una familia de microcontroladores y un entorno de creación de software que facilita la creación de programas (llamados bocetos) que pueden interactuar con el mundo físico. En el caso de este libro, la idea es usar **Arduino** con diferentes

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versiones del estándar Bluetooth. El libro está dividido en diez proyectos y, al final del libro, en el Anexo I, aparece el código fuente de la mayoría de estos proyectos.

This book presents Proceedings of the 2021 Intelligent Systems Conference which is a remarkable collection of chapters covering a wider range of topics in areas of intelligent systems and artificial intelligence and their applications to the real world. The conference attracted a total of 496 submissions from many academic pioneering researchers, scientists, industrial engineers, and students from all around the world. These

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submissions underwent a double-blind peer-review process. Of the total submissions, 180 submissions have been selected to be included in these proceedings. As we witness exponential growth of computational intelligence in several directions and use of intelligent systems in everyday applications, this book is an ideal resource for reporting latest innovations and future of AI. The chapters include theory and application on all aspects of artificial intelligence, from classical to intelligent scope. We hope that readers find the book interesting and valuable; it provides the state-of-the-art intelligent methods and techniques for solving real-world

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problems along with a vision of the future research. . This book presents best selected papers presented at the International Conference on Evolving Technologies for Computing, Communication and Smart World (ETCCS 2020) held on 31 January–1 February 2020 at C-DAC, Noida, India. It is co-organized by Southern Federal University, Russia; University of Jan Wy?ykowski (UJW), Polkowice, Poland; and CSI, India. C-DAC, Noida received funding from MietY during the event. The technical services are supported through EasyChair, Turnitin, MailChimp and IAC Education. The book includes current research works in the areas of network and

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computing technologies, wireless networks and Internet of things (IoT), futuristic computing technologies, communication technologies, security and privacy.

Learn Step-by-Step How to Control Your Home Lighting, Thermostats, IP Cameras, Music, Alarm, Locks, Kitchen and Garden with an App!

Smart Systems for Safe, Sustainable and Networked Vehicles

Bluerem

Nikon Z fc For Dummies

Photographer's Guide to the Panasonic Lumix DC-LX100 II

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Getting the Most from Sony's Advanced Compact Camera

Arduino + Android Projects for the Evil Genius:

Control Arduino with Your Smartphone or Tablet

Car alarm has become an essential feature for all car users as it ensure safety to the car and prevent it from being stolen. The purpose of this project is to develop a mobile central-locking and alarm system for car that can be access using android smartphone as the remote control. The system will control all alarm functions in a car such as locking the door, unlocking the door, activate and deactivate the alarm. The Bluetooth

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technology is used as the control medium between the car and the smartphone. There are few issues being raised that lead to this project development. The first issue is the current car alarm system is not interactive enough and car owner needs an additional alarm remote control plus the car key to bring anywhere. Other issues are the loss of car key, where user can use this application installed in their smartphone as an alternative key to unlock their car. This project is expected to enhance the capability of the existing car alarm system to be more interactive and user friendly.

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Yes, you can create your own apps for Android phones—and it's easy to do. This extraordinary book introduces App Inventor for Android, a powerful visual tool that lets anyone build apps for Android-based devices. Learn the basics of App Inventor with step-by-step instructions for more than a dozen fun projects, such as creating location-aware apps, data storage, and apps that include decision-making logic. The second half of the book features an Inventor's manual to help you understand the fundamentals of app building and computer science. App Inventor makes an excellent textbook for beginners and experienced

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developers alike. Design games and other apps with 2D graphics and animation Create custom multi-media quizzes and study guides Create a custom tour of your city, school, or workplace Use an Android phone to control a LEGO® MINDSTORMS® NXT robot Build location-aware apps by working with your phone's sensors Explore apps that incorporate information from the Web Learn computer science as you build your apps

Innovations and Advanced Techniques in Systems, Computing Sciences and Software Engineering includes a set of rigorously reviewed

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world-class manuscripts addressing and detailing state-of-the-art research projects in the areas of Computer Science, Software Engineering, Computer Engineering, and Systems Engineering and Sciences. Innovations and Advanced Techniques in Systems, Computing Sciences and Software Engineering includes selected papers form the conference proceedings of the International Conference on Systems, Computing Sciences and Software Engineering (SCSS 2007) which was part of the International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CISSE

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2007).

This book presents a selection of revised and extended versions of the best papers from the First International Conference on Social Networking and Computational Intelligence (SCI-2018), held in Bhopal, India, from October 5 to 6, 2018. It discusses recent advances in scientific developments and applications in these areas.

Advances in Systems Engineering
Bluetooth Application Programming with the Java APIs
Mobile Car Alarm Via Bluetooth Application

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Tips & Tools for Building, Extending, and Securing Your Network

Proceedings of ETCCS 2020

Projects of wireless technology networks

Proceedings of ICCCS 2016, Volume 1

This book is a complete manual on the Sony Cyber-shot DSC-RX100 VI camera, one of the most advanced, but still pocketable, cameras available. With this book, author Alexander White provides users of the RX100 VI with a guide to all aspects of the camera's operation.

Using a tutorial-like approach, the book shows beginning and intermediate photographers how to take still images and record video with the RX100 VI, and explains when

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and why to use the camera's many features. The book provides details about the camera's automatic and advanced shooting modes, including burst shooting at rates as fast as 24 frames per second, as well as its numerous menu options for shooting, playback, and setup. The book includes information about using Wi-Fi and Bluetooth connections for image transfer, remote control, and adding location information to images. The book has more than 500 color photographs or illustrations that help explain the camera's menus, shooting screens, and features. These images include examples of photographs taken using the RX100 VI's Scene mode, with settings optimized for subjects such

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as landscapes, sunsets, portraits, low-light, and action shots; and the Creative Style and Picture Effect menu options, with settings that alter the appearance of images. The book also provides introductions to topics such as street photography, astrophotography, and digiscoping, with photographic examples. The book includes a full discussion of the video features of the RX100 VI, which can shoot HD and 4K (ultra-HD) movies, and which offers manual control of exposure and focus during movie recording. The book explains the camera's numerous features that are useful for professional-level videography, including Picture Profiles that allow adjustment of settings such as gamma curve,

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black level, knee, and detail. The book provides detailed information about recording 4K video to an external video recorder using the "clean" video output from the camera's HDMI port. In three appendices, the book discusses accessories for the RX100 VI, including cases, power sources, grips, remote controls, and filter adapters, and includes a list of websites and other resources for further information. The book includes an appendix with "quick tips" on how to take advantage of the camera's features in the most efficient ways possible. This guide to the RX100 VI includes a detailed index, so the reader can quickly find needed information about any particular feature or aspect of the camera.

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"This multiple-volume publications exhibits the most up-to-date collection of research results and recent discoveries in the transfer of knowledge access across the globe"--Provided by publisher.

The ambitious objectives of future road mobility, i.e. fuel efficiency, reduced emissions, and zero accidents, imply a paradigm shift in the concept of the car regarding its architecture, materials, and propulsion technology, and require an intelligent integration into the systems of transportation and power. ICT, components and smart systems have been essential for a multitude of recent innovations, and are expected to be key enabling technologies for the changes ahead, both inside the

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vehicle and at its interfaces for the exchange of data and power with the outside world. It has been the objective of the International Forum on Advanced Microsystems for Automotive Applications (AMAA) for almost two decades to detect novel trends and to discuss technological implications and innovation potential from day one on. In 2012, the topic of the AMAA conference is "Smart Systems for Safe, Sustainable and Networked Vehicles". The conference papers selected for this book address current research, developments and innovations in the field of ICT, components and systems and other key enabling technologies leading to the automobile and road transport of the future. The book focuses on

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application fields such as electrification, power train and vehicle efficiency, safety and driver assistance, networked vehicles, as well as components and systems. Additional information is available at www.amaa.de

With this book, author Alexander S. White provides users of the a6400 with a manual covering all aspects of the camera's operation. Using a tutorial-like approach, the book shows beginning and intermediate photographers how to accomplish things with the a6400, and explains when and why to use the camera's many features. The book provides details about the camera's shooting modes as well as its menu options for shooting,

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playback, setup, video, Wi-Fi, Bluetooth, and special effects. The book covers the a6400's ability to use its touch screen for focusing and enlarging images in some situations, its upgraded autofocus system, which includes automatic focusing on the eyes of humans or animals, and the camera's wide range of options for assigning its control buttons, dial, and wheel to carry out photographic functions. The book includes more than 450 color photographs that illustrate the camera's controls, display screens, and menus. The images include photographs taken using the a6400's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, and action shots; and its

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Creative Style and Picture Effect menu options, with settings that alter the appearance of images. The book provides concise introductions to topics such as street photography and infrared photography, and explains how to use the camera's Wi-Fi and Bluetooth features to transfer images to a smartphone or tablet, to control the camera from such a device, and to add location information to images. The book includes a full discussion of the video features of the a6400, which can shoot HD and 4K (ultra-HD) movies, with manual control of exposure and focus during recording. The book explains the camera's numerous features for professional-level videography, including Picture Profiles

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that allow adjustment of settings such as gamma curve, black level, knee, and detail. The book describes steps for recording 4K video to an external video recorder using the "clean" video output from the camera's HDMI port. In three appendices, the book discusses accessories for the a6400, including cases, power sources, remote controls, microphones and external flash units, and includes a list of websites and other resources for further information. The book includes an appendix with "quick tips" on how to take advantage of the camera's features in the most efficient ways possible. This guide to the a6400 includes a detailed index, so the reader can quickly locate information about

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any particular feature or aspect of the camera.

App Inventor

Proceedings of SCI-2018

Photographer's Guide to the Sony a6400

Getting the Most from Sony's Advanced Mirrorless Camera

Networking and Telecommunications: Concepts, Methodologies, Tools, and Applications

Innovations and Advanced Techniques in Systems, Computing Sciences and Software Engineering

Research Anthology on Cross-Disciplinary Designs and Applications of Automation

The popularity of an increasing number of mobile

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devices, such as PDAs, laptops, smart phones, and tablet computers, has made the mobile device the central method of communication in many societies. These devices may be used as electronic wallets, social networking tools, or may serve as a person's main access point to the World Wide Web. The Handbook of Research on Mobile Software Engineering: Design, Implementation, and Emergent Applications highlights state-of-the-art research concerning the key issues surrounding current and future challenges associated with the software engineering of mobile systems and related emergent

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applications. This handbook addresses gaps in the literature within the area of software engineering and the mobile computing world.

Throughout human history, technological advancements have been made for the ease of human labor. With our most recent advancements, it has been the work of scholars to discover ways for machines to take over a large part of this labor and reduce human intervention. These advancements may become essential processes to nearly every industry. It is essential to be knowledgeable about automation so that it may be applied. Research

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Anthology on Cross-Disciplinary Designs and Applications of Automation is a comprehensive resource on the emerging designs and application of automation. This collection features a number of authors spanning multiple disciplines such as home automation, healthcare automation, government automation, and more. Covering topics such as human-machine interaction, trust calibration, and sensors, this research anthology is an excellent resource for technologists, IT specialists, computer engineers, systems and software engineers, manufacturers, engineers, government officials,

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professors, students, healthcare administration, managers, CEOs, researchers, and academicians.

Bluetooth Remote Control for Arduino Using AndroidIndependently Published

This book offers a holistic approach to the Internet of Things (IoT) model, covering both the technologies and their applications, focusing on uniquely identifiable objects and their virtual representations in an Internet-like structure. The authors add to the rapid growth in research on IoT communications and networks, confirming the scalability and broad reach of the core concepts. The book is filled with

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examples of innovative applications and real-world case studies. The authors also address the business, social, and legal aspects of the Internet of Things and explore the critical topics of security and privacy and their challenges for both individuals and organizations. The contributions are from international experts in academia, industry, and research.

Handbook of Research on Mobile Software Engineering: Design, Implementation, and Emergent Applications
Advances in Computer and Computational Sciences

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International Conference on Multi disciplinary Technologies and challenges in Industry 4.0
Recipes to master Delphi for IoT integrations, cross-platform, mobile and server-side development, 3rd Edition

Proceedings of the 2014 International Conference on Manufacturing and Engineering Technology, San-ya, China, October 17-19, 2014

Bluetooth Remote Control for Arduino Using Android
Proceedings of the First National Seminar Universitas Sari Mulia, NS-UNISM 2019, 23rd November 2019, Banjarmasin, South Kalimantan,

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Indonesia

Quickly learn and employ practical recipes for developing real-world, cross-platform applications using Delphi. Key Features Get to grips with Delphi to build and deploy various cross-platform applications Design and deploy real-world apps by implementing a single source codebase Build robust and optimized GUI applications with ease Book Description Delphi is a cross-platform integrated development environment (IDE) that supports rapid application development on different platforms, saving you the pain of wandering amid GUI widget details or having to tackle inter-platform incompatibilities. Delphi Cookbook begins with the basics of Delphi and gets you acquainted with JSON format strings, XSLT transformations, Unicode encodings, and various types of streams. You'll then move on to more advanced topics such as developing

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higher-order functions and using enumerators and run-time type information (RTTI). As you make your way through the chapters, you'll understand Delphi RTL functions, use FireMonkey in a VCL application, and cover topics such as multithreading, using a parallel programming library and deploying Delphi on a server. You'll take a look at the new feature of WebBroker Apache modules, join the mobile revolution with FireMonkey, and learn to build data-driven mobile user interfaces using the FireDAC database access framework. This book will also show you how to integrate your apps with Internet of Things (IoT). By the end of the book, you will have become proficient in Delphi by exploring its different aspects such as building cross-platforms and mobile applications, designing server-side programs, and integrating these programs with IoT. What you will learn Develop visually stunning applications using

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FireMonkey Deploy LiveBinding effectively with the right object-oriented programming (OOP) approach Create RESTful web services that run on Linux or Windows Build mobile apps that read data from a remote server efficiently Call platform native API on Android and iOS for an unpublished API Manage software customization by making better use of an extended RTTI Integrate your application with IOT Who this book is for Delphi Cookbook is for intermediate developers with a basic knowledge of Delphi who want to discover and understand all the development possibilities offered by it.

Exchange of information and innovative ideas are necessary to accelerate the development of technology. With advent of technology, intelligent and soft computing techniques came into existence with a wide scope of implementation in engineering

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sciences. Keeping this ideology in preference, this book includes the insights that reflect the "Advances in Computer and Computational Sciences" from upcoming researchers and leading academicians across the globe. It contains high-quality peer-reviewed papers of "International Conference on Computer, Communication and Computational Sciences (ICCCCS 2016), held during 12-13 August, 2016 in Ajmer, India. These papers are arranged in the form of chapters. The content of the book is divided into two volumes that cover variety of topics such as intelligent hardware and software design, advanced communications, power and energy optimization, intelligent techniques used in internet of things, intelligent image processing, advanced software engineering, evolutionary and soft computing, security and many more. This book helps the perspective readers" from computer

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industry and academia to derive the advances of next generation computer and communication technology and shape them into real life applications.

Building a next generation Home Automation system is not as difficult as you think! This home automation book teaches takes you through a step-by-step process on how to build a system to control your Home Lighting, Thermostats, Window Dressing, IP Cameras, Music, Garden, Kitchen, Fire and Security Alarm on your Smartphone or Tablet device. With this new book, Gerard demystifies Smart Homes by using easy-to-understand language this book walks you through the process of setting up your own next generation smart Home automation system. Each chapter includes technical illustrations, examples of how smart homes are helping people and insights from Gerard.

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TEAM ARDUINO UP WITH ANDROID FOR SOME MISCHIEVOUS FUN! Filled with practical, do-it-yourself gadgets, Arduino + Android Projects for the Evil Genius shows you how to create Arduino devices and control them with Android smartphones and tablets. Easy-to-find equipment and components are used for all the projects in the book. This wickedly inventive guide covers the Android Open Application Development Kit (ADK) and USB interface and explains how to use them with the basic Arduino platform. Methods of communication between Android and Arduino that don't require the ADK--including sound, Bluetooth, and WiFi/Ethernet are also discussed. An Arduino ADK programming tutorial helps you get started right away. Arduino + Android Projects for the Evil Genius: Contains step-by-step instructions and helpful illustrations Provides tips for customizing

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the projects Covers the underlying principles behind the projects
Removes the frustration factor--all required parts are listed Provides
all source code on the book's website Build these and other devious
devices: Bluetooth robot Android Geiger counter Android-
controlled light show TV remote Temperature logger Ultrasonic
range finder Home automation controller Remote power and
lighting control Smart thermostat RFID door lock Signaling flags
Delay timer

Internet of Things for Agriculture 4.0

Internet of Things and Its Applications

CUTE 2013

Wireless Hacks

Sustainable Communication Networks and Application

Delphi Cookbook

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a bluetooth remote control using mobile phone for computers

This book comprises select proceedings of the 43rd National Systems Conference on Innovative and Emerging Trends in Engineering Systems (NSC 2019) held at the Indian Institute of Technology, Roorkee, India. The contents cover latest research in the highly multidisciplinary field of systems engineering, and discusses its various aspects like systems design, dynamics, analysis, modeling and simulation. Some of the topics covered include computing systems, consciousness systems, electrical systems, energy systems, manufacturing systems,

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mechanical systems, literary systems, social systems, and quantum and nano systems. Given the scope of the contents, this book will be useful for researchers and professionals from diverse engineering and management background.

Manufacturing and Engineering Technology brings together around 200 peer-reviewed papers presented at the 2014 International Conference on Manufacturing and Engineering Technology, held in San-ya, China, October 17-19, 2014. The main objective of these proceedings is to take the Manufacturing and Engineering Technology discussion a step

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further. Contributions cover Manufacture, Mechanical, Materials Science, Industrial Engineering, Control, Information and Computer Engineering. Furthermore, these proceedings provide a platform for researchers, engineers, academics as well as industrial professionals from all over the world to present their research results and development activities in Manufacturing Science and Engineering Technology. These volumes constitute the Proceedings of the 6th International Workshop on Soft Computing Applications, or SOFA 2014, held on 24-26 July 2014 in Timisoara, Romania. This

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edition was organized by the University of Belgrade, Serbia in conjunction with Romanian Society of Control Engineering and Technical Informatics (SRAIT) - Arad Section, The General Association of Engineers in Romania - Arad Section, Institute of Computer Science, Iasi Branch of the Romanian Academy and IEEE Romanian Section. The Soft Computing concept was introduced by Lotfi Zadeh in 1991 and serves to highlight the emergence of computing methodologies in which the accent is on exploiting the tolerance for imprecision and uncertainty to achieve tractability, robustness and low solution

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cost. Soft computing facilitates the use of fuzzy logic, neurocomputing, evolutionary computing and probabilistic computing in combination, leading to the concept of hybrid intelligent systems. The combination of such intelligent systems tools and a large number of applications introduce a need for a synergy of scientific and technological disciplines in order to show the great potential of Soft Computing in all domains. The conference papers included in these proceedings, published post conference, were grouped into the following area of research:

- Image, Text and Signal Processing

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Intelligent Transportation Modeling and Applications
Biomedical Applications
Neural Network and Applications
Knowledge-Based Technologies for Web Applications, Cloud Computing, Security, Algorithms and Computer Networks
Knowledge-Based Technologies
Soft Computing Techniques for Time Series Analysis
Soft Computing and Fuzzy Logic in Biometrics
Fuzzy Applications
Theory and Fuzzy Control
Business Process Management Methods and Applications in Electrical Engineering
The volumes provide useful information to professors, researchers and graduated students in area of soft computing techniques

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and applications, as they report new research work on challenging issues.

Mobile Bluetooth Remote Control

Third International Workshop, REHAB 2015,
Lisbon, Portugal, October 1-2, 2015, Revised
Selected Papers

Manage Your Smart Home With An App!

Manufacturing and Engineering Technology
(ICMET 2014)

Soft Computing Applications

ICTs for Improving Patients Rehabilitation
Research Techniques

Design, Implementation, and Emergent
Applications