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Advanced Methodologies and Technologies in Modern Education Delivery - Khosrow-Pour, D.B.A., Mehdi 2018-09-21

Recent innovations and new technologies in education have altered the way teachers approach instruction and learning and can provide countless advantages. The pedagogical value of specific technology tools and the cumulative effects of technology exposure on student learning over time are two areas that need to be explored to better determine the improvements needed in the modern classroom. *Advanced Methodologies and Technologies in Modern Education Delivery* provides emerging research on educational models in the continually improving classroom. While highlighting the challenges facing modern in-service and pre-service teachers when educating students, readers will learn information on new methods in curriculum development, instructional design, and learning assessments to implement within their classrooms. This book is a vital resource for pre-service and in-service teachers, teacher education professionals, higher education administrative professionals, and researchers interested in new curriculum development.

Brilliant Ideas for Using ICT in the Classroom - Matt Jarvis 2014-08-13

Brilliant Ideas for Using ICT in the Classroom is a totally practical, hands-on guide to using ICT in and around the classroom for all secondary school teachers and lecturers in post-compulsory education. Assuming no prior expertise, it centres on software and resources that are free or very low cost, and offers step-by-step guidance and creative ideas to improve the experience and engagement of your students. With a focus on what tools to use, what educational need they satisfy and how to incorporate them into good pedagogy, key topics covered include: Effective use of presentation technologies Using, producing and sharing multimedia Interactive whiteboards and related technologies Using Web 2.0 technologies Mobile learning Supporting diverse student needs through technology. *Brilliant Ideas for Using ICT in the Classroom* puts equal emphasis on both technical and pedagogical issues, making it the ideal companion whatever your ICT or e-learning needs. Catering equally well for Windows, Mac and Linux users, this book is designed to give you all the confidence you need to start teaching brilliantly with ICT.

Middleware 2011 - Fabio Kon 2011-12-06

This book constitutes the refereed proceedings of the ACM/IFIP/USENIX 12th International Middleware Conference, held in Lisbon, Portugal, in December 2011. The 22 revised full papers presented together with 2 industry papers and an invited paper were carefully reviewed and selected from 125 submissions. The papers are organized in topical sections on social networks, storage and performance management, green computing and resource management, notification and streaming, replication and caching, security and interoperability, and run-time (re)configuration and inspection.

Refining Current Practices in Mobile and Blended Learning: New Applications - Parsons, David 2012-01-31

This volume draws together all the articles published by the International Journal of Mobile and Blended Learning in its second year of publication (2010). As the use of mobile technology for personal and business applications continues to grow, it naturally follows that educators and researchers will investigate the use of mobile devices for knowledge sharing and learning. *Refining Current Practices in Mobile and Blended Learning: New Applications* provides perspectives on new approaches to learning theory and practice in increasingly mobile, immersive environments. Situated at the intersection of theory and practice, this book provides foundational research on the development and implementation of mobile games, the delivery of

mobile and blended learning, and philosophical underpinnings of this emerging discipline.

Financial Cryptography and Data Security - Michael Brenner 2015-09-04

This book constitutes the refereed proceedings of three workshops held at the 19th International Conference on Financial Cryptography and Data Security, FC 2015, in San Juan, Puerto Rico, in January 2015. The 22 full papers presented were carefully reviewed and selected from 39 submissions. They feature the outcome of the Second Workshop on Bitcoin Research, BITCOIN 2015, the Third Workshop on Encrypted Computing and Applied Homomorphic Cryptography, WAHC 2015, and the First Workshop on Wearable Security and Privacy, Wearable 2015.

Information Security and Ethics: Concepts, Methodologies, Tools, and Applications - Nemati, Hamid 2007-09-30

Presents theories and models associated with information privacy and safeguard practices to help anchor and guide the development of technologies, standards, and best practices. Provides recent, comprehensive coverage of all issues related to information security and ethics, as well as the opportunities, future challenges, and emerging trends related to this subject.

Photographer's Guide to the Sony DSC-RX100 VI - Alexander White 2018-09-05

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 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 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, 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.

Communication Technology Update and Fundamentals - August E. Grant 2014-08-07

A classic now in its 14th edition, *Communication Technology Update and Fundamentals* is the single best resource for students and professionals looking to brush up on how these technologies have developed, grown, and converged, as well as what's in store for the future. It begins by developing the communication technology framework—the history, ecosystem, and structure—then delves into each type of technology, including everything from mass media, to computers and consumer electronics, to networking technologies. Each chapter is written by faculty and industry experts who provide snapshots of the state of each individual field, altogether providing a broad overview of the role communication technologies play in our everyday lives. Key features: Gives students and professionals the latest information in all areas of communication technology The companion website offers updated information and useful links to related industry resources, and an instructor site provides a sample syllabus and a test bank This edition features new chapters on automotive telematics, digital health, and telepresence, as well as expanded coverage of tablets/phablets and 4K (ultra high definition television)

IDBI Executive Guide 2021 - Access 150 Solved Examples in PDF! - Testbook.com 2021-06-30

Designed by banking experts, this in-depth IDBI Executive Guide includes 150 solved examples on IDBI Executive Mock Test. With special focus on exam pattern & syllabus, this guide unlocks your best attempt to crack the IDBI Executive post in 2021.

ALIEN Thinking - Cyril Bouquet 2021-03-16

How do people come up with truly original ideas? The answer is to think outside the box—way outside. For the past decade, Cyril Bouquet, Jean-Louis Barsoux, and Michael Wade, professors of innovation and strategy at IMD Business School, have studied inventors, scientists, doctors, entrepreneurs, and artists. These people, or “aliens,” as the authors call them, are able to make leaps of creativity, and use five patterns of thinking that distinguish them from the rest of us. These five patterns—Attention, Levitation, Imagination, Experimentation, and Navigation—lead to a fresh and flexible approach to problem-solving. Alien thinkers know how to free the imagination so it can detect hard-to-observe patterns. They practice deliberate ways to retreat from the world in order to see the big picture underlying a problem. And they approach ideas in systematic ways that reflect the constraints of reality. Through surprising and compelling stories, the authors show how readers can use this method to develop out-of-this-world ideas. ALIEN Thinking can help any of us find innovative solutions to the most difficult problems.

Digital Storage in Consumer Electronics - Thomas M. Coughlin 2017-12-09

This book provides an introduction to digital storage for consumer electronics. It discusses the various types of digital storage, including emerging non-volatile solid-state storage technologies and their advantages and disadvantages. It discusses the best practices for selecting, integrating, and using storage devices for various applications. It explores the networking of devices into an overall organization that results in always-available home storage combined with digital storage in the cloud to create an infrastructure to support emerging consumer applications and the Internet of Things. It also looks at the role of digital storage devices in creating security and privacy in consumer products.

The Tongue and Quill - Air Force 2019-10-11

The Tongue and Quill has been a valued Air Force resource for decades and many Airmen from our Total Force of uniformed and civilian members have contributed their talents to various editions over the years. This revision is built upon the foundation of governing directives and user's inputs from the unit level all the way up to Headquarters Air Force. A small team of Total Force Airmen from the Air University, the United States Air Force Academy, Headquarters Air Education and Training Command (AETC), the Air Force Reserve Command (AFRC), Air National Guard (ANG), and Headquarters Air Force compiled inputs from the field and rebuilt The Tongue and Quill to meet the needs of today's Airmen. The team put many hours into this effort over a span of almost two years to improve the content, relevance, and organization of material throughout this handbook. As the final files go to press it is the desire of The Tongue and Quill team to say thank you to every Airman who assisted in making this edition better; you have our sincere appreciation!

Photographer's Guide to the Sony DSC-RX100 VII - Alexander White 2019-09-29

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 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 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 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 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 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.

PC Mag - 2006-08-22

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Computational Modelling of Objects Represented in Images. Fundamentals, Methods and Applications -

João Manuel R.S. Tavares 2018-05-08

This book contains keynote lectures and full papers presented at the International Symposium on Computational Modelling of Objects Represented in Images (CompIMAGE), held in Coimbra, Portugal, on 20-21 October 2006. International contributions from nineteen countries provide a comprehensive coverage of the current state-of-the-art in the fields of: - Image Processing and Analysis; - Image Segmentation; - Data Interpolation; - Registration, Acquisition and Compression; - 3D Reconstruction; - Objects Tracking; - Motion and Deformation Analysis; - Objects Simulation; - Medical Imaging; - Computational Bioimaging and Visualization. Related techniques also covered in this book include the finite element method, modal analyses, stochastic methods, principal and independent components analyses and distribution models. *Computational Modelling of Objects Represented in Images* will be useful to academics, researchers and professionals in Computational Vision (image processing and analysis), Computer Sciences, and Computational Mechanics.

Java ME on Symbian OS - Roy Ben Hayun 2009-02-11

In this book, experts from Symbian, Nokia and Sun Microsystems expose the power of Java ME on Symbian OS. The book introduces programming with Java ME on Symbian OS, and also reveals what is found 'under-the-hood'. It is logically divided into four main sections: Introduction to Java ME and programming fundamentals Java ME on Symbian OS (core and advanced chapters) Drill down into MSA, DoJa and MIDP game development Under the hood of the Java ME platform The book also includes two appendixes on SNAP Mobile technology and WidSets. With over ten years' experience in Java technologies and over four years' experience at Symbian, the lead author Roy Ben Hayun now works for Sun Microsystems as a systems architect in the Engineering Services group, which leads the development, marketing and productizing of

Java ME CLDC and CDC on different platforms.

Criminal Investigation - Kären M. Hess 2016-01-01

Easy to read and well-organized, CRIMINAL INVESTIGATION, 11th Edition delivers a field-based approach to modern investigative principles and practices that is strongly grounded in current research.

Demonstrating techniques and practical applications, the book introduces long-standing tools, practices, and policies alongside the latest innovations in technology and science to give readers and future criminal justice professionals a broad perspective of criminal investigations today. Topics covered include D.N.A. evidence, terrorism and homeland security, the increasing standard of proof for stop vs. search/arrest vs. conviction, cybercrime, crimes against children, forensics and physical evidence, investigative photography and sketching, identity theft, white-collar crime, and ethics, among many others. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The CRPG Book: A Guide to Computer Role-Playing Games - Felipe Pepe 2019-09

Reviews over 400 seminal games from 1975 to 2015. Each entry shares articles on the genre, mod suggestions and hints on how to run the games on modern hardware.

Topics in Language Resources for Translation and Localisation - Elia Yuste Rodrigo 2008

Language Resources (LRs) are sets of language data and descriptions in machine readable form, such as written and spoken language corpora, terminological databases, computational lexica and dictionaries, and linguistic software tools. Over the past few decades, mainly within research environments, LRs have been specifically used to create, optimise or evaluate natural language processing (NLP) and human language technologies (HLT) applications, including translation-related technologies. Gradually the infrastructures and exploitation tools of LRs are being perceived as core resources in the language services industries and in localisation production settings. However, some efforts ought yet to be made to raise further awareness about LRs in general, and LRs for translation and localisation in particular to a wider audience in all corners of the world. Topics in Language Resources for Translation and Localisation sets out to establish the state of the art of this ever expanding field and underscores the usefulness that LRs can potentially have in the process of creating, adapting, managing, standardising and leveraging content for more than one language and culture from various perspectives.

Social Commerce - Efraim Turban 2015-11-17

This is a multidisciplinary textbook on social commerce by leading authors of e-commerce and e-marketing textbooks, with contributions by several industry experts. It is effectively the first true textbook on this topic and can be used in one of the following ways: Textbook for a standalone elective course at the undergraduate or graduate levels (including MBA and executive MBA programs) Supplementary text in marketing, management or Information Systems disciplines Training courses in industry Support resources for researchers and practitioners in the fields of marketing, management and information management The book examines the latest trends in e-commerce, including social businesses, social networking, social collaboration, innovations and mobility. Individual chapters cover tools and platforms for social commerce; supporting theories and concepts; marketing communications; customer engagement and metrics; social shopping; social customer service and CRM contents; the social enterprise; innovative applications; strategy and performance management; and implementing social commerce systems. Each chapter also includes a real-world example as an opening case; application cases and examples; exhibits; a chapter summary; review questions and end-of-chapter exercises. The book also includes a glossary and key terms, as well as supplementary materials that include PowerPoint lecture notes, an Instructor's Manual, a test bank and five online tutorials.

Digital Phenotyping and Mobile Sensing - Christian Montag 2022-08-23

This book offers a snapshot of cutting-edge applications of digital phenotyping and mobile sensing for studying human behavior and planning innovative e-healthcare interventions. The respective chapters, written by authoritative researchers, cover both theoretical perspectives and good scientific and professional practices related to the use and development of these technologies. They share novel insights into established applications of mobile sensing, such as predicting personality or mental and behavioral health on the basis of smartphone usage patterns, and highlight emerging trends, such as the use of

machine learning, big data and deep learning approaches, and the combination of mobile sensing with AI and expert systems. Important issues relating to privacy and ethics are analyzed, together with selected case studies. This thoroughly revised and extended second edition provides researchers and professionals with extensive information on the latest developments in the field of digital phenotyping and mobile sensing. It gives a special emphasis to trends in diagnostics systems and AI applications, suggesting important future directions for research in public health and social sciences.

Best Life - 2008-04

Best Life magazine empowers men to continually improve their physical, emotional and financial well-being to better enjoy the most rewarding years of their life.

Green Automation for Sustainable Environment - Sherin Zafar 2020-09-28

This book explores the concepts and role of green computing and its recent developments for making the environment sustainable. It focuses on green automation in disciplines such as computers, nanoscience, information technology, and biochemistry. This book is characterized through descriptions of sustainability, green computing, their relevance to the environment, society, and its applications. Presents how to make the environment sustainable through engineering aspects and green computing Explores concepts and the role of green computing with recent developments Processes green automation linked with various disciplines such as nanoscience, information technology, and biochemistry Explains the concepts of green computing linked with sustainable environment through information technology This book will be of interest to researchers, libraries, students, and academicians that are interested in the concepts of green computing linked with green automation through information technology and their impacts on the future.

Federal Register - 2012-09

Berkshire Encyclopedia of Sustainability 7/10 - Ray C. Anderson 2012-11-01

China, India, and East and Southeast Asia: Assessing Sustainability provides unprecedented analyses by regional experts and scholars elsewhere in the world on China, India, and their neighbors. Despite growing demands internally on their natural resources (China and India alone are home to more than one-third of the world's population), the expanding global economic influence of this region makes these countries vital players in a sustainable future for all citizens of the Earth. Regional coverage includes topics such as business and commerce, environmental and corporate law, and lifestyles and values.

Internet of Things (IoT) in 5G Mobile Technologies - Constandinos X. Mavromoustakis 2016-04-20

This book reports on the latest advances in the modeling, analysis and efficient management of information in Internet of Things (IoT) applications in the context of 5G access technologies. It presents cutting-edge applications made possible by the implementation of femtocell networks and millimeter wave communications solutions, examining them from the perspective of the universally and constantly connected IoT. Moreover, it describes novel architectural approaches to the IoT and presents the new framework possibilities offered by 5G mobile networks, including middleware requirements, node-centrality and the location of extensive functionalities at the edge. By providing researchers and professionals with a timely snapshot of emerging mobile communication systems, and highlighting the main pitfalls and potential solutions, the book fills an important gap in the literature and will foster the further developments of 5G hosting IoT devices.

Proceedings of the 7th International Conference on Kansei Engineering and Emotion Research 2018 - Anitawati Mohd Lokman 2018-03-13

The proceedings gather a selection of refereed papers presented at the 7th International Conference on Kansei Engineering and Emotion Research 2018 (KEER 2018), which was held in Kuching, Malaysia from 19 to 22 March 2018. The contributions address the latest advances in and innovative applications of Kansei Engineering and Emotion Research. The subjects include: Kansei, Emotion and Games Kansei, Emotion and Computing Kansei, Emotion and Wellbeing / Quality of Life Kansei, Emotion and Design Kansei, Emotion and Health / Ergonomics Kansei, Emotion and Multidisciplinary Fields Kansei, Emotion and Culture Kansei, Emotion and Social computing Kansei, Emotion and Evaluation Kansei, Emotion and User Experience The book offers a valuable resource for all graduate students, experienced researchers and industrial practitioners interested in the fields of user experience/usability, engineering design, human

factors, quality management, product development and design.

Collaborative Cyber Threat Intelligence - Florian Skopik 2017-10-16

Threat intelligence is a surprisingly complex topic that goes far beyond the obvious technical challenges of collecting, modelling and sharing technical indicators. Most books in this area focus mainly on technical measures to harden a system based on threat intel data and limit their scope to single organizations only. This book provides a unique angle on the topic of national cyber threat intelligence and security information sharing. It also provides a clear view on ongoing works in research laboratories world-wide in order to address current security concerns at national level. It allows practitioners to learn about upcoming trends, researchers to share current results, and decision makers to prepare for future developments.

PC Mag - 2006-06-27

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Android Hacker's Handbook - Joshua J. Drake 2014-03-26

The first comprehensive guide to discovering and preventing attacks on the Android OS As the Android operating system continues to increase its share of the smartphone market, smartphone hacking remains a growing threat. Written by experts who rank among the world's foremost Android security researchers, this book presents vulnerability discovery, analysis, and exploitation tools for the good guys. Following a detailed explanation of how the Android OS works and its overall security architecture, the authors examine how vulnerabilities can be discovered and exploits developed for various system components, preparing you to defend against them. If you are a mobile device administrator, security researcher, Android app developer, or consultant responsible for evaluating Android security, you will find this guide is essential to your toolbox. A crack team of leading Android security researchers explain Android security risks, security design and architecture, rooting, fuzz testing, and vulnerability analysis. Covers Android application building blocks and security as well as debugging and auditing Android apps. Prepares mobile device administrators, security researchers, Android app developers, and security consultants to defend Android systems against attack. Android Hacker's Handbook is the first comprehensive resource for IT professionals charged with smartphone security.

Instructional Technology Research, Design and Development: Lessons from the Field - Alias, Nor Aziah 2011-11-30

Design and development research, which has considerable implications for instructional design, focuses on designing and exploring products, artifacts and models, as well as programs, activity, and curricula. Instructional Technology Research, Design and Development: Lessons from the Field is a practical text on design and development research in the field of instructional technology. This book gives readers an overview of design and development research and how it is conducted in different contexts and for various purposes. Further, this reference source provides readers with practical knowledge on design and development research gained through investigation of lessons learned in the field.

Rtfm - Ben Clark 2014-02-11

The Red Team Field Manual (RTFM) is a no fluff, but thorough reference guide for serious Red Team members who routinely find themselves on a mission without Google or the time to scan through a man page. The RTFM contains the basic syntax for commonly used Linux and Windows command line tools, but it also encapsulates unique use cases for powerful tools such as Python and Windows PowerShell. The RTFM will repeatedly save you time looking up the hard to remember Windows nuances such as Windows wmic and dsquery command line tools, key registry values, scheduled tasks syntax, startup locations and Windows scripting. More importantly, it should teach you some new red team techniques.

Robot 2019: Fourth Iberian Robotics Conference - Manuel F. Silva 2019-11-19

This book gathers a selection of papers presented at ROBOT 2019 - the Fourth Iberian Robotics Conference, held in Porto, Portugal, on November 20th-22nd, 2019. ROBOT 2019 is part of a series of conferences jointly organized by the SPR - Sociedade Portuguesa de Robótica (Portuguese Society for Robotics) and SEIDROB - Sociedad Española para la Investigación y Desarrollo en Robótica (Spanish Society for Research and Development in Robotics). ROBOT 2019 built upon several previous successful

events, including three biannual workshops and the three previous installments of the Iberian Robotics Conference, and chiefly focused on presenting the latest findings and applications in robotics from the Iberian Peninsula, although the event was also open to research and researchers from other countries. The event featured five plenary talks on state-of-the-art topics and 16 special sessions, plus a main/general robotics track. In total, after a stringent review process, 112 high-quality papers written by authors from 24 countries were selected for publication.

Bluetooth Security Attacks - Keijo Haataja 2013-10-28

Bluetooth technology has enjoyed tremendous success, and it's now employed in billions of devices for short-range wireless data and real-time audio or video transfer. In this book the authors provide an overview of Bluetooth security. They examine network vulnerabilities and provide a literature-review comparative analysis of recent security attacks. They analyze and explain related countermeasures, including one based on secure simple pairing, and they also propose a novel attack that works against all existing Bluetooth versions. They conclude with a discussion on future research directions. The book is appropriate for practitioners and researchers in information security, in particular those engaged in the design of networked and mobile devices.

Photographer's Guide to the Sony DSC-RX10 IV - Alexander S. White 2017-11-29

This book is a complete guide to the Sony Cyber-shot DSC-RX10 IV camera. With this book, author Alexander S. White provides users of the RX10 IV 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 RX10 IV, 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, playback, setup, video, Wi-Fi, and special effects. The book covers all features of the RX10 IV that are new for this model, including its enhanced focusing system with phase detection autofocus; its ability to use a touch screen for focusing and enlarging images in some situations; and a variety of new or enhanced menu options. The book includes more than 500 color photographs that illustrate the camera's controls, display screens, and menus. The images include photographs taken using the RX10 IV's Scene mode, with settings optimized for subjects such as landscapes, sunsets, portraits, and action shots; and its 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 RX10 IV, 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 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 RX10 IV, 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 RX10 IV includes a detailed index, so the reader can quickly locate information about any particular feature or aspect of the camera.

The Kindle Pocket Guide - Scott McNulty 2009-11-16

The Kindle Pocket Guide covers all facets of the Kindle. Everything readers need to know about the device and the software and what's possible. The Kindle for iPhone app for iPhone and iPod Touch are also covered.

Digital Media Worlds - Giuditta De Prato 2014-05-13

Digital Media Worlds tracks the evolution of the media sector on its way toward a digital world. It focuses on core economic and management issues (cost structures, value network chain, business models) in industries such as book publishing, broadcasting, film, music, newspaper and video game.

Wireless Sensor Networks - Hossam Mahmoud Ahmad Fahmy 2016-03-02

This book focuses on the principles of wireless sensor networks (WSNs), their applications, and their

analysis tools, with meticulous attention paid to definitions and terminology. This book presents the adopted technologies and their manufacturers in detail, making WSNs tangible for the reader. In introductory computer networking books, chapter sequencing follows the bottom-up or top-down architecture of the 7-layer protocol. This book addresses subsequent steps in this process, both horizontally and vertically, thus fostering a clearer and deeper understanding through chapters that elaborate on WSN concepts and issues. With such depth, this book is intended for a wide audience; it is meant to be a helper and motivator for senior undergraduates, postgraduates, researchers, and practitioners. It lays out important concepts and WSN-related applications; uses appropriate literature to back research and practical issues; and focuses on new trends. Senior undergraduate students can use it to familiarize themselves with conceptual foundations and practical project implementations. For graduate students and researchers, test beds and simulators provide vital insights into analysis methods and tools for WSNs. Lastly, in addition to applications and deployment, practitioners will be able to learn more about WSN manufacturers and components within several platforms and test beds.

Archeologia e Calcolatori, 31.2, 2020 - Giovanna Bagnasco Gianni 2020-10-22

Nel volume 31.2 sono pubblicati gli Atti di due Convegni internazionali. Il primo, "Milano internazionale: la fragilità territoriale dei contesti archeologici" (Milano, 13 marzo 2019), promosso dal Dipartimento di Beni Culturali e Ambientali dell'Università degli Studi di Milano e dal Dipartimento di Architettura e Studi Urbani del Politecnico di Milano, è a cura di G. Bagnasco Gianni, S. Bortolotto, A. Garzulino e M. Marzullo. Il secondo, "Logic and computing. The underlying basis of digital archaeology", è una sessione speciale dell'IMEKO TC-4 International Conference on Metrology for Archaeology and Cultural Heritage (MetroArchaeo, Firenze, 4-6 dicembre 2019), a cura di A. Caravale e P. Moscati. Gli Atti raccolgono rispettivamente 9 e 15 contributi, introdotti dai curatori che illustrano scopi e risultati delle ricerche

presentate, in cui l'uso delle tecnologie informatiche è determinante per l'analisi, l'interpretazione e la diffusione e valorizzazione dei dati. La prospettiva diacronica della sessione dedicata al calcolo e alla logica nella storia dell'informatica archeologica consente di collegare, attraverso un ponte teorico-metodologico, le prime esperienze di informatizzazione dei dati archeologici con le tendenze più recenti dell'archeologia digitale.

Electronic Commerce 2018 - Efraim Turban 2017-10-12

This new Edition of Electronic Commerce is a complete update of the leading graduate level/advanced undergraduate level textbook on the subject. Electronic commerce (EC) describes the manner in which transactions take place over electronic networks, mostly the Internet. It is the process of electronically buying and selling goods, services, and information. Certain EC applications, such as buying and selling stocks and airline tickets online, are reaching maturity, some even exceeding non-Internet trades. However, EC is not just about buying and selling; it also is about electronically communicating, collaborating, and discovering information. It is about e-learning, e-government, social networks, and much more. EC is having an impact on a significant portion of the world, affecting businesses, professions, trade, and of course, people. The most important developments in EC since 2014 are the continuous phenomenal growth of social networks, especially Facebook, LinkedIn and Instagram, and the trend toward conducting EC with mobile devices. Other major developments are the expansion of EC globally, especially in China where you can find the world's largest EC company. Much attention is lately being given to smart commerce and the use of AI-based analytics and big data to enhance the field. Finally, some emerging EC business models are changing industries (e.g., the shared economy models of Uber and Airbnb). The 2018 (9th) edition, brings forth the latest trends in e-commerce, including smart commerce, social commerce, social collaboration, shared economy, innovations, and mobility.