

Advances in the engineering of sensing and acting capabilities distributed in wide range of specialized devices is providing at last an opportunity for the fundamental advances that computer science achieved in the past few decades to make an impact in our daily lives. This technical confluence is matched by a unique historical context where users are better informed (more aware of the benefits that technology can provide) and production of more complex systems is becoming more affordable. Sensors/actuators deployed in an environment (in this context it can be any physical space like a house, office, classroom, car, street, etc.) facilitate a link between an automated decision-making system connected to that technologically enriched space. This computing empowered environment enables the provision of an intelligent environment, i.e., "a digital environment that proactively, but sensibly, supports people in their daily lives". This is an active area of research which is attracting an increasing number of professionals (in academia and industry) worldwide. The prestigious 5th International Conference on Intelligent Environments (IE'09) is focused on the development of advanced intelligent environments and stimulates the discussion on several specific topics which are crucial to the future of the area. As part of that five workshops were supported as part of IE'09. This volume is the combined proceedings of those five workshops: Workshop on Digital Object Memories (DOMe'09), Workshop on RFID Technology: concepts, practices & solutions (RFID'09), Workshop on Artificial Intelligence Techniques for Ambient Intelligence (AITAmI'09), Workshop on Ethical Design of Ambient Intelligence (EDAmI'09), Workshop on Smart Offices and Other Workplaces (SOOW'09).

British Farmer's Magazine Routledge

Today's smartphones utilize a rapidly developing range of sophisticated applications, pushing the limits of mobile processing power. The increased demand for cell phone applications has necessitated the rise of mobile cloud computing, a technological research arena which combines cloud computing, mobile computing, and wireless networks to maximize the computational and data storage capabilities of mobile devices. Enabling Real-Time Mobile Cloud Computing through Emerging Technologies is an authoritative and accessible resource that incorporates surveys, tutorials, and the latest scholarly research on cellular technologies to explore the latest developments in mobile and wireless computing technologies. With its exhaustive coverage of emerging techniques, protocols, and computational structures, this reference work is an ideal tool for students, instructors, and researchers in the field of telecommunications. This reference work features astute articles on a wide range of current research topics including, but not limited to, architectural communication components (cloudlets), infrastructural components, secure mobile cloud computing, medical cloud computing, network latency, and emerging open source structures that optimize and accelerate smartphones.

802.11ac CRC Press

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.

Android Hacker's Handbook Oxford University Press, USA

Multihop Mobile Wireless Networks discusses issues pertaining to each of these networks and proposes novel and innovative algorithms on Scheduling, Routing and Data aggregation that are viable solutions for multihop mobile networks. Moreover, the book provides the preliminaries and an excellent review on existing approaches in wireless communications. Multihop Mobile Wireless Networks is suitable for academic and industrial research, and can be used for advanced courses in Senior Undergraduate and Graduate programs.

Rules of Thumb for Chemical Engineers IGI Global

Recent technology trends involving the combination of mobile networks and cloud computing have offered new chances for mobile network providers to use specific carrier-cloud services. These advancements will enhance the utilization of the mobile cloud in industry and corporate settings. Mobile Networks and Cloud Computing Convergence for Progressive Services and Applications is a fundamental source for the advancement of knowledge, application, and practice in the interdisciplinary areas of mobile network and cloud computing. By addressing innovative concepts and critical issues, this book is essential for researchers, practitioners, and students interested in the emerging field of vehicular wireless networks.

Multiplatform E-Learning Systems and Technologies: Mobile Devices for Ubiquitous ICT-Based Education Springer

Die Mobilisierung unserer Gesellschaft trifft auf zahlreiche Entwicklungsprojekte mobiler Applikationen, die zunächst enthusiastisch begonnen wurden, letztlich aber gescheitert sind. Am Beispiel des Mobile Learning stellt Philipp Maske in diesem zweibändigen Werk heraus, dass Entwicklungsprozesse mobiler Applikationen von einem bisher unerforschten interdisziplinären

Wirknetzwerk der Dimensionen Ökonomie, Technologie und Didaktik beeinflusst werden. Basierend auf diesem Wirknetzwerk wird ein Vorgehensmodell als Instrument der gestaltungsorientierten Wirtschaft konstruiert, dessen Nützlichkeit anhand einer Fallstudienimplementierung bewertet wird.

Marine Corps Reserve Administrative Management Manual (MCRAMM). Wolters Kluwer

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Multihop Mobile Wireless Networks Academic Press
The Handbook of Natural Language Processing, Second Edition presents practical tools and techniques for implementing natural language processing in computer systems. Along with removing outdated material, this edition updates every chapter and expands the content to include emerging areas, such as sentiment analysis. New to the Second Edition Greater
The Oxford Handbook of Hedge Funds Lorna Timbah

Interest in m-library services has grown exponentially in the last five years, as libraries are recognizing the potential of ubiquitous and increasingly sophisticated mobile devices. Building on the highly regarded M-Libraries: libraries on the move to provide virtual access, this new book brings together research and case studies from all corners of the globe on the development and delivery of library services and content to mobile devices. Based on the proceedings of the Second International M-Libraries Conference held in Vancouver, this new collection of contributions from authorities in the field serves to demonstrate the ingenuity and creativity of developers and service providers in this area, ranging from the innovative application of basic mobile phone technology to provide information services in remote parts of the globe lacking internet access, to the development of new tools and technologies which harness the full functionality of popular mobile phones. Key topics include: enhancing library access through the use of mobile technology the university library digital reading room mobile access for workplace and language training the role of an agent supplying content on mobile devices cyberlearning and reference services via mobile devices podcasting as an outreach tool service models for information therapy services delivered to mobiles bibliographic ontology and e-books health literacy and healthy action in the connected age a collaborative approach to support flexible, blended and technology-enhanced learning The collection demonstrates the emergence of an evidence base for m-libraries, with a number of contributions presenting the results of user surveys and studies of user behaviour. Readership: This highly topical book should be read by information professionals in all sectors, and by policy makers, researchers, developers, publishers and suppliers. It will also be of great interest to library and information studies students and newcomers to the profession.

Cases on E-Learning Management: Development and Implementation Springer-Verlag

As more and more of our data is stored remotely, accessing that data wherever and whenever it is needed is a critical concern. More concerning is managing the databanks and storage space necessary to enable cloud systems. Resource Management of Mobile Cloud Computing Networks and Environments reports on the latest advances in the development of computationally intensive and cloud-based applications. Covering a wide range of problems, solutions, and perspectives, this book is a scholarly resource for specialists and end-users alike making use of the latest cloud technologies.