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Children's Home Musical Experiences Across the World Jun 14 2021 This book offers a fresh and diverse perspective on home musical activities of young children from a variety of countries, including; Brazil, Denmark, Greece, Israel, Kenya, the Netherlands, Singapore, Spain, South Africa, Taiwan, the UK, and the United States. Narrowing their study to seven-year-olds from middle-class families, the articles in this volume argue that home musical experiences provide new and important windows into musical childhoods as they relate to issues of identity, family life, gender, culture, social class and schooling. Though childhood musical engagement differs considerably, it has direct implications for a better understanding of music education and childhood development. Using a wiki to share data and research across time and space, this volume is a model for collaborative cross-cultural research and is centered on the home as a primary research site for children's musical engagement.

Tag-it: Issue 3 Jul 28 2022 A biyearly ICT magazine focused on Higher Education Sector in Malaysia especially in Universiti Malaysia Sarawak (UNIMAS).

The STREAM TONE: The Future of Personal Computing? Jul 04 2020 Personal computing is changing from an old world of local services provided by local devices to a new world of remote Web-based services provided by cloud computing-based data centres. This book explores in detail what might be required to make a comprehensive move to this exciting new world and the many benefits that move could bring.

On Deadline Aug 24 2019 Media relations professionals must know how to stay ahead of the game to be effective in today's complex world. It is no longer enough that they craft news releases, orchestrate interviews and build sustaining relationships with reporters. Their multiple roles now include planner, crisis manager, communicator, counselor and strategist. Called virtually an encyclopedia of media relations by one reviewer, the Fifth Edition covers relationships with reporters, spokesperson training, news conferences and special events, integrating media relations into marketing communications plans, crisis management, global media relations, ethics, establishing a media policy within the organization, measuring results and becoming a counselor to management. Its practical advice and how-to ideas draw on current case studies, most involving social media, and the authors' extensive experience in the U.S. and around the world. With a clear and fast-moving style, the Fifth Edition maintains its status as the foremost book on media relations in the corporate and nonprofit sectors. It is a must-read for prospective and current media relations professionals dedicated to maximizing their organizations' results.

Innovations Through Information Technology Oct 31 2022 *Innovations Through Information Technology* aims to provide a collection of unique perspectives on the issues surrounding the management of information technology in organizations around the world and the ways in which these issues are addressed. This valuable book is a compilation of features including the latest research in the area of IT utilization and management, in addition to being a valuable source in support of teaching and research agendas.

Springer Handbook of Petroleum Technology Oct 07 2020 This handbook provides a comprehensive but concise reference resource for the vast field of petroleum technology. Built on the successful book "Practical Advances in Petroleum Processing" published in 2006, it has been extensively revised and expanded to include upstream technologies. The book is divided into four parts: The first part on petroleum characterization offers an in-depth review of the chemical composition and physical properties of petroleum, which determine the possible uses and the quality of the products. The second part provides a brief overview of petroleum geology and upstream practices. The third part exhaustively discusses established and emerging refining technologies from a practical perspective, while the final part describes the production of various refining products, including fuels and lubricants, as well as petrochemicals, such as olefins and polymers. It also covers process automation and real-time refinery-wide process optimization. Two key chapters provide an integrated view of petroleum technology, including environmental and safety issues. Written by international experts from academia, industry and research institutions, including integrated oil companies, catalyst suppliers, licensors, and consultants, it is an invaluable resource for researchers and graduate students as well as practitioners and professionals.

The Handbook of Technology Management, Supply Chain Management, Marketing and Advertising, and Global Management Jan 02 2023 The discipline of technology management focuses on the scientific, engineering, and management issues related to the commercial introduction of new technologies. Although more than thirty U.S. universities offer PhD programs in the subject, there has never been a single comprehensive resource dedicated to technology management. "The Handbook of Technology Management" fills that gap with coverage of all the core topics and applications in the field. Edited by the renowned Doctor Hossein Bidgoli, the three volumes here include all the basics for students, educators, and practitioners.

ECIW2009-8th European Conference on Information Warfare and Security Dec 09 2020

IAENG Transactions on Engineering Technologies Feb 08 2021 This volume contains revised and extended research articles written by prominent researchers participating in the conference. Topics covered include engineering physics, communications systems, control theory, automation, engineering mathematics, scientific computing, industrial engineering, and industrial applications. *IAENG Transactions on Engineering Technologies: Special Issue of the International MultiConference of Engineers and Computer Scientists 2012* offers the state of art of tremendous advances in engineering technologies and physical science and applications, and also serves as an excellent reference work for researchers and graduate students working with/on engineering technologies and physical science and applications.

The Innovator's Solution Oct 19 2021 An innovation classic. From Steve Jobs to Jeff Bezos, Clayton Christensen's work continues to underpin today's most innovative leaders and organizations. A seminal work on disruption—for everyone confronting the growth paradox. For readers of the bestselling *The Innovator's Dilemma*—and beyond—this definitive work will help anyone trying to transform their business right now. In *The Innovator's Solution*, Clayton Christensen and Michael Raynor expand on the idea of disruption, explaining how companies can and should become disruptors themselves. This classic work shows just how timely and relevant these ideas continue to be in today's hyper-accelerated business environment. Christensen and Raynor give advice on the business decisions crucial to achieving truly disruptive growth and propose guidelines for developing your own disruptive growth engine. The authors identify the forces that cause managers to make bad decisions as they package and shape new ideas—and offer new frameworks to help create the right conditions, at the right time, for a disruption to succeed. This is a must-read for all senior managers and business leaders responsible for innovation and growth, as well as members of their teams. Based on in-depth research and theories tested in hundreds of companies across many industries, *The Innovator's Solution* is a necessary addition to any innovation library—and an essential read for entrepreneurs and business builders worldwide.

Professional Wikis May 02 2020 This book shows you how to install, use, manage, and extend a wiki using MediaWiki—the wiki engine used to power Wikipedia. You'll learn wiki terminology, how to create user accounts and new pages, and find your way around the wiki. Special focus is placed on how wikis are used in software and web development projects and how their capabilities ideally suit a specific environment and audience. You'll quickly come to discover why wikis are a valuable addition for any organization that wants to increase productivity using web-based collaboration tools.

Handbook of Research on Modern Educational Technologies, Applications, and Management Nov 07 2020 As technology and technological advancements become a

more prevalent and essential aspect of daily and business life, educational institutions must keep pace in order to maintain relevance and retain their ability to adequately prepare students for their lives beyond education. Such institutions and their leaders are seeking relevant strategies for the implementation and effective use of new and upcoming technologies and leadership strategies to best serve students and educators within educational settings. As traditional education methods become more outdated, strategies to supplement and bolster them through technology and effective management become essential to the success of institutions and programs. The Handbook of Research on Modern Educational Technologies, Applications, and Management is an all-encompassing two-volume scholarly reference comprised of 58 original and previously unpublished research articles that provide cutting-edge, multidisciplinary research and expert insights on advancing technologies used in educational settings as well as current strategies for administrative and leadership roles in education. Covering a wide range of topics including but not limited to community engagement, educational games, data management, and mobile learning, this publication provides insights into technological advancements with educational applications and examines forthcoming implementation strategies. These strategies are ideal for teachers, instructional designers, curriculum developers, educational software developers, and information technology specialists looking to promote effective learning in the classroom through cutting-edge learning technologies, new learning theories, and successful leadership tactics. Administrators, educational leaders, educational policymakers, and other education professionals will also benefit from this publication by utilizing the extensive research on managing educational institutions and providing valuable training and professional development initiatives as well as implementing the latest administrative technologies. Additionally, academicians, researchers, and students in areas that include but are not limited to educational technology, academic leadership, mentorship, learning environments, and educational support systems will benefit from the extensive research compiled within this publication.

Should You Believe Wikipedia? Sep 05 2020 Our online interactions create new forms of community and knowledge, reshaping who we are as individuals and as a society.
The Age of Spiritual Machines Nov 27 2019 Ray Kurzweil is the inventor of the most innovative and compelling technology of our era, an international authority on artificial intelligence, and one of our greatest living visionaries. Now he offers a framework for envisioning the twenty-first century--an age in which the marriage of human sensitivity and artificial intelligence fundamentally alters and improves the way we live. Kurzweil's prophetic blueprint for the future takes us through the advances that inexorably result in computers exceeding the memory capacity and computational ability of the human brain by the year 2020 (with human-level capabilities not far behind); in relationships with automated personalities who will be our teachers, companions, and lovers; and in information fed straight into our brains along direct neural pathways. Optimistic and challenging, thought-provoking and engaging, *The Age of Spiritual Machines* is the ultimate guide on our road into the next century.

Brain-Computer Interface Technologies Aug 05 2020 This book is about the field of brain-computer interfaces (BCI) and the unique and special environment of active implants that electrically interface with the brain, spinal cord, peripheral nerves, and organs. At the heart of the book is the matter of repairing and rehabilitating patients suffering from severe neurologic impairments, from paralysis to movement disorders and epilepsy, that often requires an invasive solution based on an implanted device. Past achievements, current work, and future perspectives of BCI and other interactions between medical devices and the human nervous system are described in detail from a pragmatic point of view. Reviews the Active Implantable Medical Devices (AIMDs) industry and how it is moving from cardiac to neuro applications Clear, easy to read, presentation of the field of neuro-technologies for human benefit Provides easy to understand explanations about the technical limitations, the physics of implants in the human body, and realistic long terms perspectives

[Instrumentation, Measurement, Circuits and Systems](#) Apr 24 2022 The volume includes a set of selected papers extended and revised from the 2011 International Conference on Mechanical Engineering and Technology, held on London, UK, November 24-25, 2011. Mechanical engineering technology is the application of physical principles and current technological developments to the creation of useful machinery and operation design. Technologies such as solid models may be used as the basis for finite element analysis (FEA) and / or computational fluid dynamics (CFD) of the design. Through the application of computer-aided manufacturing (CAM), the models may also be used directly by software to create "instructions" for the manufacture of objects represented by the models, through computer numerically controlled (CNC) machining or other automated processes, without the need for intermediate drawings. This volume covers the subject areas of mechanical engineering and technology, and also covers interdisciplinary subject areas of computers, communications, control and automation. We hope that researchers, graduate students and other interested readers benefit scientifically from the book and also find it stimulating in the process.

Government 3.0 – Next Generation Government Technology Infrastructure and Services Feb 29 2020 Historically, technological change has had significant effect on the locus of administrative activity, cost of carrying out administrative tasks, the skill sets needed by officials to effectively function, rules and regulations, and the types of

interactions citizens have with their public authorities. Next generation Public Sector Innovation will be “Government 3.0” powered by innovations related to Open and big data, administrative and business process management, Internet-of-Things and blockchains for public sector innovation to drive improvements in service delivery, decision and policy making and resource management. This book provides fresh insights into this transformation while also examining possible negative side effects of the increasing openness of governments through the adoption of these new innovations. The goal is for technology policy makers to engage with the visions of Government 3.0. Researchers should be able to critically examine some of the innovations described in the book as the basis for developing research agendas related to challenges associated with the adoption and use of some of the associated technologies. The book serves as a rich source of materials from leading experts in the field that enables Public administration practitioners to better understand how these new technologies impact traditional public administration paradigms. The book is suitable for graduate courses in Public Sector Innovation, Innovation in Public Administration, E-Government and Information Systems. Public sector technology policy makers, e-government, information systems and public administration researchers and practitioners should all benefit from reading this book.

Organizational, Business, and Technological Aspects of the Knowledge Society Jan 28 2020 It is a great pleasure to share with you the Springer CCIS 112 proceedings of the Third World Summit on the Knowledge Society—WSKS 2010—that was organized by the International Scientific Council for the Knowledge Society, and supported by the Open Research Society, NGO, (<http://www.open-knowledge-society.org>) and the International Journal of the Knowledge Society Research, (<http://www.igi-global.com/ijksr>), and took place in Aquis Corfu Holiday Palace Hotel, on Corfu island, Greece, September 22–24, 2010. The Third World Summit on the Knowledge Society (WSKS 2010) was an international scientific event devoted to promoting the dialogue on the main aspects of the knowledge society towards a better world for all. The multidimensional economic and social crisis of the last couple years brings to the fore the need to discuss in depth new policies and strategies for a human-centric developmental process in the global context. This annual summit brings together key stakeholders of knowledge society development worldwide, from academia, industry, government, policy makers, and active citizens to look at the impact and prospects of it information technology, and the knowledge-based era it is creating, on key facets of living, working, learning, innovating, and collaborating in today’s hyper-complex world.

Web 2.0 Knowledge Technologies and the Enterprise Mar 24 2022 Whilst enterprise technology departments have been steadily building their information and knowledge management portfolios, the Internet has generated new sets of tools and capabilities which provide opportunities and challenges for improving and enriching knowledge work. This book fills the gap between strategy and technology by focussing upon the functional capabilities of Web 2.0 in corporate environments and matching these to specific types of information requirement and behaviour. It takes a resource based view of the firm: why and how can the knowledge capabilities and information assets of organisations be better leveraged using Web 2.0 tools? Identifying the underlying benefits requires the use of frameworks beyond profitability and cost control. Some of these perspectives are not in the usual business vocabulary, but when applied, demonstrate the role that can be played by Web 2.0, how to manage towards these and how to assess success. Transactive memory systems, social uncertainty, identity theory, network dynamics, complexity theory, organisational memory and the demographics of inter-generational change are not part of normal business parlance but can be used to clarify Web 2.0 application and potentiality. Written by a well-respected practitioner and academic Draws on the author’s practical experience as a technology developer, designer, senior manager and researcher Provides approaches to understanding and tackling real-world problems

Management Consulting Today and Tomorrow Jul 16 2021 This new edition gathers more than 22 experts to outline the theory behind consulting, providing insight into change processes and management issues in the field. The business of consulting has grown faster than most other businesses, due not only to increased demand by clients, but also to the innovative capabilities of numerous consulting firms as they develop new services. Divided into six parts, the book introduces readers to the consulting industry, addressing the major practice areas, contexts, and implementations of the field. Significant updates detail the effect of the economic troubles between 2004 and 2010 and then 2010 and now; analyze the market response to consulting in recent years; and provide a more thorough understanding of how consulting is applied in the different areas of a business, such as operations, marketing, and finance. Introductions written by the editors offer further insight into the themes and learning goals of each section, helping readers to recognize the elements of a successful consultation, and utilize their new skill set. The text concludes with a look at the future of consulting with regards to ethics standards and how strong manager-client relationships contribute to financial growth. Readers will also learn how the developing field of entrepreneurship creates new economic structures and job opportunities. Practitioners, consultants, clients, faculty, and students of business and management will learn not only how to consult, but also gain the skills needed to adapt to and lead organizational change, giving them a competitive edge when they enter the field.

The Everything Store Oct 26 2019 The authoritative account of the rise of Amazon and its intensely driven founder, Jeff Bezos, praised by the Seattle Times as "the definitive account of how a tech icon came to life." Amazon.com started off delivering books through the mail. But its visionary founder, Jeff Bezos, wasn't content with being a bookseller. He wanted Amazon to become the everything store, offering limitless selection and seductive convenience at disruptively low prices. To do so, he developed a corporate culture of relentless ambition and secrecy that's never been cracked. Until now. Brad Stone enjoyed unprecedented access to current and former Amazon employees and Bezos family members, giving readers the first in-depth, fly-on-the-wall account of life at Amazon. Compared to tech's other elite innovators -- Jobs, Gates, Zuckerberg -- Bezos is a private man. But he stands out for his restless pursuit of new markets, leading Amazon into risky new ventures like the Kindle and cloud computing, and transforming retail in the same way Henry Ford revolutionized manufacturing. The Everything Store is the revealing, definitive biography of the company that placed one of the first and largest bets on the Internet and forever changed the way we shop and read.

Teaching the iGeneration Sep 17 2021 Find the natural overlap between the work you already believe in and the digital tools that define today's learning. Each chapter introduces an enduring skill: information fluency, verbal persuasion, visual persuasion, collaborative dialogue, and problem solving. Then, the authors present a digital solution that can be used to enhance traditional skill-based instructional practices. A collection of handouts and supporting materials tailored to each skill and tool type ends each chapter.

Mobile and Handheld Computing Solutions for Organizations and End-Users Apr 12 2021 Mobile and Handheld Computing Solutions for Organizations and End-Users discusses a broad range of topics in order to advance handheld knowledge and apply the proposed methods to real-world issues for organizations and end users. This book brings together researchers and practitioners involved with mobile and handheld computing solutions useful for IT students, researchers, and scholars.

Proceedings of the International Conference on Data Engineering and Communication Technology Mar 31 2020 This two-volume book contains research work presented at the First International Conference on Data Engineering and Communication Technology (ICDECT) held during March 10–11, 2016 at Lavasa, Pune, Maharashtra, India. The book discusses recent research technologies and applications in the field of Computer Science, Electrical and Electronics Engineering. The aim of the Proceedings is to provide cutting-edge developments taking place in the field data engineering and communication technologies which will assist the researchers and practitioners from both academia as well as industry to advance their field of study.

GPU Solutions to Multi-scale Problems in Science and Engineering Aug 17 2021 This book covers the new topic of GPU computing with many applications involved, taken from diverse fields such as networking, seismology, fluid mechanics, nano-materials, data-mining, earthquakes, mantle convection, visualization. It will show the public why GPU computing is important and easy to use. It will offer a reason why GPU computing is useful and how to implement codes in an everyday situation.

Nanoelectronic Coupled Problems Solutions May 26 2022 Designs in nanoelectronics often lead to challenging simulation problems and include strong feedback couplings. Industry demands provisions for variability in order to guarantee quality and yield. It also requires the incorporation of higher abstraction levels to allow for system simulation in order to shorten the design cycles, while at the same time preserving accuracy. The methods developed here promote a methodology for circuit-and-system-level modelling and simulation based on best practice rules, which are used to deal with coupled electromagnetic field-circuit-heat problems, as well as coupled electro-thermal-stress problems that emerge in nanoelectronic designs. This book covers: (1) advanced monolithic/multirate/co-simulation techniques, which are combined with envelope/wavelet approaches to create efficient and robust simulation techniques for strongly coupled systems that exploit the different dynamics of sub-systems within multiphysics problems, and which allow designers to predict reliability and ageing; (2) new generalized techniques in Uncertainty Quantification (UQ) for coupled problems to include a variability capability such that robust design and optimization, worst case analysis, and yield estimation with tiny failure probabilities are possible (including large deviations like 6-sigma); (3) enhanced sparse, parametric Model Order Reduction techniques with a posteriori error estimation for coupled problems and for UQ to reduce the complexity of the sub-systems while ensuring that the operational and coupling parameters can still be varied and that the reduced models offer higher abstraction levels that can be efficiently simulated. All the new algorithms produced were implemented, transferred and tested by the EDA vendor MAGWEL. Validation was conducted on industrial designs provided by end-users from the semiconductor industry, who shared their feedback, contributed to the measurements, and supplied both material data and process data. In closing, a thorough comparison to measurements on real devices was made in order to demonstrate the algorithms' industrial applicability.

Emerging Technologies for Semantic Work Environments: Techniques, Methods, and Applications Jan 22 2022 Today's work is characterized by a high degree of innovation and thus demands a thorough overview of relevant knowledge in the world and in organizations. Semantic Work Environments support the work of the user by collecting

knowledge about needs and providing processed and improved knowledge to be integrated into work. *Emerging Technologies for Semantic Work Environments: Techniques, Methods, and Applications* describes an overview of the emerging field of Semantic Work Environments by combining various research studies and underlining the similarities between different processes, issues and approaches in order to provide the reader with techniques, methods, and applications of the study.

Wiki Writing Sep 25 2019 An indispensable and engaging guide to using wikis in the classroom

Wikis Sep 29 2022 Wikis as information sources, as a form of publishing, and as tools for collaboration, are discussed in this book. The applications of wikis in library and information services, education and business are explored, with examples. Provides an overview of wikis, in the context of the increasing use of 'social software' and the trend towards a more interactive World Wide Web. The different kinds of wikis are identified and described. The advantages and problems associated with using wikis in information work and collaboration are discussed. One of the problems is simply that of finding wikis that deal with a particular topic or activity, and this is addressed through a discussion of directories, search engines and other finding tools. Later chapters cover the options for creating wikis and the management of a wiki. The book concludes with lists of resources related to wikis. No other book currently available, addresses this highly topical subject Wikis are becoming important sources of information on the web yet they are little understood by librarians or the general public Although wikis can be useful sources of information, Internet users need to know how wikis operate if they are to be able to evaluate the information in a wiki

Reasoning Web - Semantic Technologies for Advanced Query Answering May 14 2021 This volume contains the lecture notes of the 8th Reasoning Web Summer School 2012, held in Vienna, Austria, in September 2012, in the form of worked out tutorial papers on the various topics that have been covered in that school. The 2012 summer school program had been put together under the general leitmotif of advanced query answering topics for the Web. The idea was to address on the one hand foundations and computational aspects of query answering, in formalisms, methods and technology, and on the other hand to also spotlight some rising or emerging application fields relating to the Semantic Web in which query answering plays a role, and which by their nature also pose new challenges and problems for this task; linked stream processing, geospatial data, semantic wikis, and argumentation on the web fall in this category.

Handbook of Research on Web 2.0, 3.0, and X.0: Technologies, Business, and Social Applications Nov 19 2021 "This book provides a comprehensive reference source on next generation Web technologies and their applications"--Provided by publisher.

Computer Supported Cooperative Work and Social Computing Aug 29 2022 This book constitutes the refereed post-conference proceedings of the 15th CCF Conference on Computer Supported Cooperative Work and Social Computing, ChineseCSCW 2020, held in Shenzhen, China, in November 2020. The 40 revised full papers and 15 revised short papers were carefully reviewed and selected from 137 submissions. The papers of this volume are organized in topical sections on: crowdsourcing, crowd intelligence, and crowd cooperative computing; domain-specific collaborative applications; collaborative mechanisms, models, approaches, algorithms, and systems; social media and online communities; and short papers.

The Innovator's Dilemma Dec 01 2022

Wikipedia Handbook of Biomedical Informatics Jun 26 2022

Wikipatterns Feb 20 2022 This book provides practical, proven advice for encouraging adoption of your wiki project and growing it into a useful collaboration tool or vibrant online community Gives wiki users a toolbox of thriving wiki patterns, which enable newcomers to avoid making common mistakes or fumbling around for the solutions to the same problems as their predecessors Explains the major stages of wiki adoption and explores patterns that apply to each stage Presents concrete, proven examples of techniques that have helped people grow vibrant collaborative communities and change the way they work for the better Reviews the overall process, including setting up initial content, encouraging people to contribute, dealing with disruptive elements, fixing typos and broken links, making sure pages are in their correct categories, and more

Rise of the Robots Mar 12 2021 The New York Times-bestselling guide to how automation is changing the economy, undermining work, and reshaping our lives Winner of Best Business Book of the Year awards from the Financial Times and from Forbes "Lucid, comprehensive, and unafraid...an indispensable contribution to a long-running argument."--Los Angeles Times What are the jobs of the future? How many will there be? And who will have them? As technology continues to accelerate and machines begin taking care of themselves, fewer people will be necessary. Artificial intelligence is already well on its way to making "good jobs" obsolete: many paralegals, journalists, office workers, and even computer programmers are poised to be replaced by robots and smart software. As progress continues, blue and white collar jobs alike will evaporate, squeezing working- and middle-class families ever further. At the same time, households are under assault from exploding costs, especially from the two major industries-

education and health care-that, so far, have not been transformed by information technology. The result could well be massive unemployment and inequality as well as the implosion of the consumer economy itself. The past solutions to technological disruption, especially more training and education, aren't going to work. We must decide, now, whether the future will see broad-based prosperity or catastrophic levels of inequality and economic insecurity. Rise of the Robots is essential reading to understand what accelerating technology means for our economic prospects-not to mention those of our children-as well as for society as a whole.

Experience and Knowledge Management in Software Engineering Jan 10 2021 Nowadays, there is software everywhere in our life. It controls cars, airplanes, factories, medical implants. Without software, banking, logistics and transportation, media, and even scientific research would not function in the accustomed way. Building and maintaining software is a knowledge-intensive endeavour and requires that specific experiences are handled successfully. However, neither knowledge nor experience can be collected, stored, and shipped like physical goods, instead these delicate resources require dedicated techniques. Knowledge and experience are often called company assets, yet this is only part of the truth: it is only software engineers and other creative employees who will effectively exploit an organisation's knowledge and experience. Kurt Schneider's textbook is written for those who want to make better use of their own knowledge and experience – either personally or within their group or company. Everyone related to software development will benefit from his detailed explanations and case studies: project managers, software engineers, quality assurance responsables, and knowledge managers. His presentation is based on years of both practical experience, with companies such as Boeing, Daimler, and Nokia, and research in renowned environments, such as the Fraunhofer Institute. Each chapter is self-contained, it clearly states its learning objectives, gives in-depth presentations, shows the techniques' practical relevance in application scenarios, lists detailed references for further reading, and is finally completed by exercises that review the material presented and also challenge further, critical examinations. The overall result is a textbook that is equally suitable as a personal resource for self-directed learning and as the basis for a one-semester course on software engineering and knowledge management.

Networked Sociability and Individualism: Technology for Personal and Professional Relationships Jun 02 2020 The recent popularity of Social Network Sites (SNS) shows that there is a growing interest in articulating, making visible, and managing personal or professional relationships through technology-enabled environments.

Networked Sociability and Individualism: Technology for Personal and Professional Relationships provides a multidisciplinary framework for analyzing the new forms of sociability enabled by digital media and networks. This book focuses on a variety of social media and computer-mediated communication environments with the aim of identifying and understanding different types of social behavior and identity expression.

Innovative Technologies for Information Resources Management Dec 21 2021 As information resource management becomes increasingly dependent on emerging technologies to combat its challenges and decipher its effective strategies, the demand builds for a critical mass of research in this area. Innovative Technologies for Information Resource Management brings together compelling content related to the continually emerging technologies in areas of information systems such as Web services, electronic commerce, distance learning, healthcare, business process management, and software development. Focusing on the implications innovative technologies have on the managerial and organizational aspects of information resource management, this book provides academicians and practitioners with a requisite and enlightening reference source.

Transactions on Computational Collective Intelligence III Dec 29 2019 These Transactions publish research in computer-based methods of computational collective intelligence (CCI) and their applications in a wide range of fields such as the Semantic Web, social networks and multi-agent systems. TCCI strives to cover new methodological, theoretical and practical aspects of CCI understood as the form of intelligence that emerges from the collaboration and competition of many individuals (artificial and/or natural). The application of multiple computational intelligence technologies such as fuzzy systems, evolutionary computation, neural systems, consensus theory, etc., aims to support human and other collective intelligence and to create new forms of CCI in natural and/or artificial systems. This third issue contains a collection of 10 articles selected from high-quality submissions addressing advances in the foundations and applications of computational collective intelligence.

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