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Legal Nurse Consulting Principles - Lars Harms-Ringdahl 2010-02-17
Over the past generation, the practice of legal nurse consulting has grown to include areas such as life care planning, risk management, and administrative law, as well as taking on a more diversified role in both criminal and civil law and courtroom proceedings. First published in 1997,

Legal Nurse Consulting, Principles and Practices provided pro
Handbook of Research on Software-Defined and Cognitive Radio Technologies for Dynamic Spectrum Management - Kaabouch, Naima 2014-10-31
The inadequate use of wireless spectrum resources has recently motivated researchers

and practitioners to look for new ways to improve resource efficiency. As a result, new cognitive radio technologies have been proposed as an effective solution. The Handbook of Research on Software-Defined and Cognitive Radio Technologies for Dynamic Spectrum Management examines the emerging technologies being used to overcome radio spectrum scarcity. Providing timely and comprehensive coverage on topics pertaining to channel estimation, spectrum sensing, communication security, frequency hopping, and smart antennas, this research work is essential for use by educators, industrialists, and graduate students, as well as academicians researching in the field.

Essential Cybersecurity Science - Josiah Dykstra 2015-12-08
If you're involved in cybersecurity as a software developer, forensic investigator, or network administrator, this practical guide shows you how to apply the scientific method when assessing techniques for protecting your information systems. You'll learn how to conduct scientific experiments on everyday tools and procedures, whether you're evaluating corporate security systems, testing your own security product, or looking for bugs in a mobile game. Once author Josiah Dykstra gets you up to speed on the scientific method, he helps you focus on standalone, domain-specific topics, such as cryptography, malware analysis, and system security engineering. The latter chapters include practical case studies that demonstrate how to use available tools to conduct domain-specific scientific experiments. Learn the steps necessary to conduct scientific experiments in cybersecurity Explore fuzzing to test how your software handles various inputs Measure the performance of the Snort intrusion detection system Locate malicious "needles in a haystack" in your network and IT environment Evaluate cryptography design and application in IoT products Conduct an experiment to identify

relationships between similar malware binaries Understand system-level security requirements for enterprise networks and web services

Trustworthy Software Development Processes - Qing Wang 2009-04-23 This book constitutes the refereed proceedings of the Third International Conference on Software Process, held in Vancouver, Canada, in May 2009 - colocated with ICSE 2009, the 31st International Conference on Software Engineering. The 33 revised full papers presented together with 3 invited papers were carefully reviewed and selected from 96 submissions. The papers are organized in topical sections on process management, process tools, process analysis, process simulation modeling, experience report, process metrics, and process modeling and representation.

Hardware and Software: Verification and Testing - Sharon Barner 2011-03-09 This book constitutes the thoroughly refereed post-conference proceedings of the 6th International Haifa Verification Conference, HVC 2010, held in Haifa, Israel in October 2010. The 10 revised full papers presented together with 7 invited papers were carefully reviewed and selected from 30 submissions. The papers address all current issues, challenges and future directions of verification for hardware, software, and hybrid systems and have a research focus on hybrid methods and the migration of methods and ideas between hardware and software, static and dynamic analysis, pre- and post-silicon.

Journal of Research of the National Institute of Standards and Technology - 1996

Artificial Intelligence Applications for Improved Software Engineering Development: New Prospects - Meziane, Farid 2009-07-31 "This book provides an overview of useful techniques in artificial intelligence for future software development along with critical assessment for further advancement"--Provided

by publisher.

Network Security and Communication Engineering - Kennis Chan 2015-07-06
The conference on network security and communication engineering is meant to serve as a forum for exchanging new developments and research progresss between scholars, scientists and engineers all over the world and providing a unique opportunity to exchange information, to present the latest results as well as to review the relevant issues on

Organizing and Managing Your Research - Renata Phelps 2007-02-08
`As research guides go, this is probably the best, most readable and encouraging books for nurses that I have come across....I recommend this volume to students and researchers at all levels, and at all stages of their professional careers. It is an excellent read' - Nursing Standard '[This book] is an ideal reader for someone who is thinking about starting a research project with no or limited previous experience. This is

because it outlines the whole research process from start to finish. It also provides useful tips for those who are more experienced' - Nurse Researcher Organizing and Managing Your Research: A Practical Guide for Postgraduates deals with the practical, day-to-day aspects of managing and organizing research. Its focus is on strategies, skills, and systems that increase the efficiency and effectiveness of research practice across all research disciplines. Written in an accessible, non-technical style that speaks directly to the reader in a personal and collegial voice, this text gives practical advice and offers many tips and strategies gleaned from experienced researchers. The written text is accompanied by a website that provides downloadable templates and live links to appropriate sites. Key Features include: - Tips boxes to outline useful strategies and shortcuts based on day-to-day practice of experienced researchers. - Feature examples illustrate the practical application of some of the concepts

covered - `Want to know more about ...?' boxes offer pointers to further sources of information - `Over to you' questions at the end of each chapter prompt the student to reflect on how the strategies and concepts can be applied to their own research project

Engineering Tools for Environmental Risk Management - Katalin Gruiz 2017-01-20 This is the third volume of the five-volume book series "Engineering Tools for Environmental Risk Management". The book series deals with the following topics: • Environmental deterioration and pollution, management of environmental problems • Environmental toxicology – a tool for managing chemical substances and contaminated environment • Assessment and monitoring tools, risk assessment • Risk reduction measures and technologies • Case studies for demonstration of the application of engineering tools The authors aim to describe interactions and options in risk management by providing a broad scientific overview of the environment, its human uses and the associated local, regional and global environmental problems; interpreting the holistic approach used in solving environmental protection issues; striking a balance between nature's needs and engineering capabilities; understanding interactions between regulation, management and engineering; obtaining information about novel technologies and innovative engineering tools. This third volume provides an overview on the basic principles, concepts, practices and tools of environmental monitoring and contaminated site assessment. The volume focuses on those engineering tools that enable integrated site assessment and decision making and ensure an efficient control of the environment. Some topics supporting sustainable land use and efficient environmental management are listed below: • Efficient management and regulation of contaminated land and the environment; • Early warning and environmental monitoring; • Assessment of

contaminated land: the best practices; • Environmental sampling; • Risk characterization and contaminated matrix assessment; • Integrated application of physical, chemical, biological, ecological and (eco) toxicological characterization methods; • Direct toxicity assessment (DTA) and decision making; • Online analyzers, electrodes and biosensors for assessment and monitoring of waters.; • In situ and real-time measurement tools for soil and contaminated sites; • Rapid on-site methods and contaminant and toxicity assessment kits; • Engineering tools from omics technologies, microsensors to heavy machinery; • Dynamic characterization of subsurface soil and groundwater using membrane interface probes, optical and X-ray fl uorescence and ELCAD wastewater characterization; • Geochemical modeling: methods and applications; • Environmental assessment using cyclodextrins. This book series focuses on the state of knowledge about the environment and its conscious and structured application in environmental engineering, management and decision making.

Mass Spectrometry for the Analysis of Pesticide Residues and their Metabolites - Despina Tsipi 2015-05-11
Provides an overview of the use of mass spectrometry (MS) for the analysis of pesticide residues and their metabolites. Presents state of the-art MS techniques for the identification of pesticides and their transformation products in food and environment Covers important advances in MS techniques including MS instrumentation and chromatographic separations (e.g. UPLC, HILIC, comprehensive GCxGC) and applications Illustrates the main sample preparation techniques (SPE, QuEChERS, microextraction) used in combination with MS for the analysis of pesticides Describes various established and new ionization techniques as well as the main MS platforms, software tools and mass spectral

libraries

System Software Reliability - Hoang Pham 2007-04-21
Computer software reliability has never been so important. Computers are used in areas as diverse as air traffic control, nuclear reactors, real-time military, industrial process control, security system control, biometric scan-systems, automotive, mechanical and safety control, and hospital patient monitoring systems. Many of these applications require critical functionality as software applications increase in size and complexity. This book is an introduction to software reliability engineering and a survey of the state-of-the-art techniques, methodologies and tools used to assess the reliability of software and combined software-hardware systems. Current research results are reported and future directions are signposted. This text will interest: graduate students as a course textbook introducing reliability engineering software; reliability engineers as a broad, up-to-date survey of the field; and researchers and lecturers in universities and research institutions as a one-volume reference.

Regulatory Environment for Software Engineering - Stefan Geis 2011-08-17
You have heard (too) many acronym buzzwords on software engineering project management standards, ranging from SCRUM to CMMI, from PRINCE2 to ISO 12207? You get more confused each time a guru on one of these provides his input on standardization within your business? Then, this book is for you! According to the understanding developed in this book, standards are not easy or straightforward interpretable and not ready-to-use entities to be put into practice. On the contrary, according to the experience of many, one and the same standard might get interpreted in different ways and can play highly different roles in various areas of software engineering projects and in the business that work with them. This book explains two general approaches how to clarify

the possible meaning and role of standards based on a business use case at hand. Adoption to your particular challenge is provided by a sample use case. The work is the result of, and follows the typical approach of an MBA thesis.
Environmental Modelling, Software and Decision Support - Anthony J. Jakeman 2008-09-11 The complex and multidisciplinary nature of environmental problems requires that they are dealt with in an integrated manner. Modeling and software have become key instruments used to promote sustainability and improve environmental decision processes, especially through systematic integration of various knowledge and data and their ability to foster learning and help make predictions. This book presents the current state-of-the-art in environmental modeling and software and identifies the future challenges in the field. State-of-the-art in environmental modeling and software theory and practice for integrated assessment and management serves as a starting point for researchers Identifies the areas of research and practice required for advancing the requisite knowledge base and tools, and their wider usage Best practices of environmental modeling enables the reader to select appropriate software and gives the reader tools to integrate natural system dynamics with human dimensions
Software-Hardware Integration in Automotive Product Development - John Blyler 2013-11-07 Software-Hardware Integration in Automotive Product Development brings together a must-read set of technical papers on one the most talked-about subjects among industry experts The carefully selected content of this book demonstrates how leading companies, universities, and organizations have developed methodologies, tools, and technologies to integrate, verify, and validate hardware and software systems. The automotive industry is no different, with the future of its product development lying in the timely integration of

these chiefly electronic and mechanical systems. The integration activities cross both product type and engineering discipline boundaries to include chip-, embedded board-, and network/vehicle-level systems. Integration, verification, and validation of each of these three domains are examined in depth, attesting to the difficulties of this phase of the automotive hardware and software system life cycle. The current state of the art is to integrate, verify, validate, and test automotive hardware and software with a complement of physical hardware and virtual software prototyping tools. The growth of sophisticated software tools, sometimes combined with hardware-in-the-loop devices, has allowed the automotive industry to meet shrinking time-to-market, decreasing costs, and increasing safety demands. It is also why most of the papers in this book focus on virtual systems, prototypes, and models to emulate and simulate both hardware and software. Further, such tools and techniques are the way that hardware and software systems can be "co-verified" and tested in a concurrent fashion. The goal of this compilation of expert articles is to reveal the similarities and differences between the integration, verification, and validation (IVV) of hardware and software at the chip, board, and network levels. This comparative study will reveal the common IVV thread among the different, but ultimately related, implementations of hardware and software systems. In so doing, it supports the larger systems engineering approach for the vertically integrated automobile—namely, that of model-driven development.

EBOOK: Principles and Practice of Marketing - JOBBER, DAVID 2009-12-16
EBOOK: Principles and Practice of Marketing
Soft Errors - Jean-Luc Autran 2015-02-25
Soft errors are a multifaceted issue at the crossroads of applied physics and engineering sciences. Soft errors are by nature multiscale and multiphysics problems that combine not only

nuclear and semiconductor physics, material sciences, circuit design, and chip architecture and operation, but also cosmic-ray physics, natural radioactivity issues, particle detection, and related instrumentation. Soft Errors: From Particles to Circuits addresses the problem of soft errors in digital integrated circuits subjected to the terrestrial natural radiation environment—one of the most important primary limits for modern digital electronic reliability. Covering the fundamentals of soft errors as well as engineering considerations and technological aspects, this robust text: Discusses the basics of the natural radiation environment, particle interactions with matter, and soft-error mechanisms Details instrumentation developments in the fields of environment characterization, particle detection, and real-time and accelerated tests Describes the latest computational developments, modeling, and simulation strategies for the soft error-rate estimation in digital circuits Explores trends for future technological nodes and emerging devices Soft Errors: From Particles to Circuits presents the state of the art of this complex subject, providing comprehensive knowledge of the complete chain of the physics of soft errors. The book makes an ideal text for introductory graduate-level courses, offers academic researchers a specialized overview, and serves as a practical guide for semiconductor industry engineers or application engineers.

Virtuelle Welten - reale Entscheide? : die Alpen im Modellbaukasten ; thematische Synthese und Ausblick zum Forschungsschwerpunkt V "Virtuelle Repräsentation" ; Nationales Forschungsprogramm 48 "Landschaften und Lebensräume der Alpen" des Schweizerischen Nationalfonds ; [Synthesebericht NFP 48] - Ariane Walz 2008

SWOT Analysis - Alan Sarsby 2016
Undertaking a SWOT analysis is a popular strategy tool, and frequently the basis of an

assignment for students of business studies. This guide helps you with: ■ The critical theory. ■ Worked-examples and case-studies. ■ Where to look for the factors. ■ How to create strategic responses to a situation. ■ How to approach a swot assignment. ■ Avoiding the usual mistakes. ■ References. ... so that you can hand in a great assignment.

Applied Technologies - Miguel Botto Tobar 2022
This volume constitutes the refereed proceedings of the Third International Conference on Applied Technologies, ICAT 2021, held in Quito, Ecuador, in October 2021. The 40 papers were carefully reviewed and selected from 201 submissions. The papers are organized according to the following topics: communication; computing; e-government and e-participation; e-learning; electronics; general track; intelligent systems; machine vision; security; technology trends.

Agile Processes in Software Engineering and Extreme Programming - Juan Garbajosa 2018-05-16
This open access book constitutes the proceedings of the 19th International Conference on Agile Software Development, XP 2018, held in Porto, Portugal, in May 2018. XP is the premier agile software development conference combining research and practice, and XP 2018 provided a playful and informal environment to learn and trigger discussions around its main theme – make, inspect, adapt. The 21 papers presented in this volume were carefully reviewed and selected from 62 submissions. They were organized in topical sections named: agile requirements; agile testing; agile transformation; scaling agile; human-centric agile; and continuous experimentation.

Innovations in Computing Sciences and Software Engineering - Tarek Sobh 2010-06-26
Innovations in Computing Sciences and Software

Engineering includes a set of rigorously reviewed 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. Topics Covered: •Image and Pattern Recognition: Compression, Image processing, Signal Processing Architectures, Signal Processing for Communication, Signal Processing Implementation, Speech Compression, and Video Coding Architectures. •Languages and Systems: Algorithms, Databases, Embedded Systems and Applications, File Systems and I/O, Geographical Information Systems, Kernel and OS Structures, Knowledge Based Systems, Modeling and Simulation, Object Based Software Engineering, Programming Languages, and Programming Models and tools. •Parallel Processing: Distributed Scheduling, Multiprocessing, Real-time Systems, Simulation Modeling and Development, and Web Applications. •Signal and Image Processing: Content Based Video Retrieval, Character Recognition, Incremental Learning for Speech Recognition, Signal Processing Theory and Methods, and Vision-based Monitoring Systems. •Software and Systems: Activity-Based Software Estimation, Algorithms, Genetic Algorithms, Information Systems Security, Programming Languages, Software Protection Techniques, Software Protection Techniques, and User Interfaces. •Distributed Processing: Asynchronous Message Passing System, Heterogeneous Software Environments, Mobile Ad Hoc Networks, Resource Allocation, and Sensor Networks. •New trends in computing: Computers for People of Special Needs, Fuzzy Inference, Human Computer Interaction, Incremental Learning, Internet-based Computing Models, Machine Intelligence, Natural Language.

Product Stewardship - Kathleen Sellers 2015-05-13
Consider the Consequences of Bringing a

Chemical to MarketProduct Stewardship: Life Cycle Analysis and the Environment explores the regulatory and scientific aspects of the life-cycle consequences of bringing a chemical to market. Using case studies to bring critical points to life, this multidisciplinary text explores the factors that influence ou

Model Driven Engineering Languages and Systems - Robert B. France 2012-09-19 This book constitutes the refereed proceedings of the 15th International Conference on Model Driven Engineering Languages and Systems, MODELS 2012, held in Innsbruck, Austria, in September/October 2012. The 50 papers presented in this volume were carefully reviewed and selected from a total of 181 submissions. They are organized in topical sections named: metamodels and domain specific modeling; models at runtime; model management; modeling methods and tools, consistency analysis, software product lines; foundations of modeling; static analysis techniques; model testing and simulation; model transformation; model matching, tracing and synchronization; modeling practices and experience; and model analysis.

Making Globally Distributed Software Development a Success Story - Qing Wang 2008-05-06 This volume contains papers presented at the International Conference on Software Process (ICSP 2008) held in Leipzig, Germany, during May 10-11, 2008. ICSP 2008 was the second conference of the ICSP series. The theme of ICSP 2008 was "Making Globally Distributed Software Development a Success Story. " Software developers work in a dynamic context of frequently changing technologies and with limited resources. Globally distributed development teams are under ev- increasing pressure to deliver their products more quickly and with higher levels of qu- ity. At the same time, global competition is forcing software development organizations to cut costs by

rationalizing processes, outsourcing part of or all development activities, reusing existing software in new or modified applications, and evolving existing systems to meet new needs, while still minimizing the risk of projects failing to deliver. To address these difficulties, new and modified processes are emerging, including agile methods and plan-based product line development. Open Source, COTS, and comnity-developed software are becoming more and more popular. Outsourcing coupled with 24/7 development demands well-defined processes to support the coordination of organizationally—and geographically—separated teams. The accepted papers present completed research or advanced work-in-progress in all areas of software and systems development process including: agile software pr- esses, CMMI, novel techniques for software process representation and analysis; process tools and metrics; and the simulation and modeling of software processes. Contributions reflecting real-world experience, or derived directly from industrial or open-source software development and evolution, were particularly welcome.

Practical Malware Analysis - Michael Sikorski 2012-02-01
Malware analysis is big business, and attacks can cost a company dearly. When malware breaches your defenses, you need to act quickly to cure current infections and prevent future ones from occurring. For those who want to stay ahead of the latest malware, Practical Malware Analysis will teach you the tools and techniques used by professional analysts. With this book as your guide, you'll be able to safely analyze, debug, and disassemble any malicious software that comes your way. You'll learn how to: –Set up a safe virtual environment to analyze malware –Quickly extract network signatures and host-based indicators –Use key analysis tools like IDA Pro, OllyDbg, and WinDbg –Overcome malware tricks like obfuscation, anti-disassembly, anti-debugging, and anti-virtual

machine techniques –Use your newfound knowledge of Windows internals for malware analysis –Develop a methodology for unpacking malware and get practical experience with five of the most popular packers –Analyze special cases of malware with shellcode, C++, and 64-bit code Hands-on labs throughout the book challenge you to practice and synthesize your skills as you dissect real malware samples, and pages of detailed dissections offer an over-the-shoulder look at how the pros do it. You'll learn how to crack open malware to see how it really works, determine what damage it has done, thoroughly clean your network, and ensure that the malware never comes back. Malware analysis is a cat-and-mouse game with rules that are constantly changing, so make sure you have the fundamentals. Whether you're tasked with securing one network or a thousand networks, or you're making a living as a malware analyst, you'll find what you need to succeed in Practical Malware Analysis.

Green in Software Engineering - Coral Calero 2015-04-03
This is the first book that presents a comprehensive overview of sustainability aspects in software engineering. Its format follows the structure of the SWEBOK and covers the key areas involved in the incorporation of green aspects in software engineering, encompassing topics from requirement elicitation to quality assurance and maintenance, while also considering professional practices and economic aspects. The book consists of thirteen chapters, which are structured in five parts. First the "Introduction" gives an overview of the primary general concepts related to Green IT, discussing what Green in Software Engineering is and how it differs from Green by Software Engineering. Next "Environments, Processes and Construction" presents green software development environments, green software engineering processes and green software construction in general. The third part,

"Economic and Other Qualities," details models for measuring how well software supports green software engineering techniques and for performing trade-off analyses between alternative green practices from an economic perspective. "Software Development Process" then details techniques for incorporating green aspects at various stages of software development, including requirements engineering, design, testing, and maintenance. In closing, "Practical Issues" addresses the repercussions of green software engineering on decision-making, stakeholder participation and innovation management. The audience for this book includes software engineering researchers in academia and industry seeking to understand the challenges and impact of green aspects in software engineering, as well as practitioners interested in learning about the state of the art in Green in Software Engineering.
Research Anthology on Agile Software, Software Development, and Testing - Management Association, Information Resources 2021-11-26 Software development continues to be an ever-evolving field as organizations require new and innovative programs that can be implemented to make processes more efficient, productive, and cost-effective. Agile practices particularly have shown great benefits for improving the effectiveness of software development and its maintenance due to their ability to adapt to change. It is integral to remain up to date with the most emerging tactics and techniques involved in the development of new and innovative software. The Research Anthology on Agile Software, Software Development, and Testing is a comprehensive resource on the emerging trends of software development and testing. This text discusses the newest developments in agile software and its usage spanning multiple industries. Featuring a collection of insights from diverse authors, this research anthology offers international perspectives on agile software. Covering topics

such as global software engineering, knowledge management, and product development, this comprehensive resource is valuable to software developers, software engineers, computer engineers, IT directors, students, managers, faculty, researchers, and academicians.
EPA Publications Bibliography - United States. Environmental Protection Agency 1997

Die Kunst des Krieges - Sunzi 2014-01-28 Sunzis Text ist nicht nur ein Klassiker der Kriegskunst, seine Weisheiten weisen zudem den Weg zum Sieg bei allen Schlachten und Konflikten, die wir führen. Sei es der gesellschaftliche Konflikt, der Kampf im Aufsichtsrat oder sogar der Kampf der Geschlechter – mit diesem Werk wird jeder Feind besiegt. Doch die größte Leistung besteht darin, den Widerstand des Feindes ohne einen Kampf zu brechen.
The IDA Pro Book, 2nd Edition - Chris Eagle 2011-07-11

No source code? No problem. With IDA Pro, the interactive disassembler, you live in a source code-optional world. IDA can automatically analyze the millions of opcodes that make up an executable and present you with a disassembly. But at that point, your work is just beginning. With The IDA Pro Book, you'll learn how to turn that mountain of mnemonics into something you can actually use. Hailed by the creator of IDA Pro as "profound, comprehensive, and accurate," the second edition of The IDA Pro Book covers everything from the very first steps to advanced automation techniques. You'll find complete coverage of IDA's new Qt-based user interface, as well as increased coverage of the IDA debugger, the Bochs debugger, and IDA scripting (especially using IDAPython). But because humans are still smarter than computers, you'll even learn how to use IDA's latest interactive and scriptable interfaces to your advantage. Save time and effort as you learn to: –Navigate, comment, and modify

disassembly –Identify known library routines, so you can focus your analysis on other areas of the code –Use code graphing to quickly make sense of cross references and function calls –Extend IDA to support new processors and filetypes using the SDK –Explore popular plug-ins that make writing IDA scripts easier, allow collaborative reverse engineering, and much more –Use IDA's built-in debugger to tackle hostile and obfuscated code Whether you're analyzing malware, conducting vulnerability research, or reverse engineering software, a mastery of IDA is crucial to your success. Take your skills to the next level with this 2nd edition of The IDA Pro Book.

Handbook of Research on Social Software and Developing Community Ontologies - Hatzipanagos, Stylianos 2009-02-28 "This book explores how social software and developing community ontologies are challenging the way we operate in a performative space"--Provided by publisher.

Software Engineering - M. N. Hoda 2018-06-12 This book presents selected proceedings of the annual convention of the Computer Society of India. Divided into 10 topical volumes, the proceedings present papers on state-of-the-art research, surveys, and succinct reviews. They cover diverse topics ranging from communications networks to big data analytics, and from system architecture to cyber security. This book focuses on Software Engineering, and informs readers about the state of the art in software engineering by gathering high-quality papers that represent the outcomes of consolidated research and innovations in Software Engineering and related areas. In addition to helping practitioners and researchers understand the chief issues involved in designing, developing, evolving and validating complex software systems, it provides comprehensive information on developing professional careers in Software Engineering. It also provides insights into various research

issues such as software reliability, verification and validation, security and extensibility, as well as the latest concepts like component-based development, software process models, process-driven systems and human-computer collaborative systems.

Powder Diffraction - 1992
An international journal of materials characterization.

New Trends in Databases and Information Systems - Tatjana Welzer 2019-09-03
This book constitutes the thoroughly refereed short papers, workshops and doctoral consortium papers of the 23rd European Conference on Advances in Databases and Information Systems, ADBIS 2019, held in Bled, Slovenia, in September 2019. The 19 short research papers and the 5 doctoral consortium papers were carefully reviewed and selected from 103 submissions, and the 31 workshop papers were selected out of 67 submitted papers. The papers are organized in the following sections: Short Papers; Workshops Papers; Doctoral Consortium Papers; and cover a wide spectrum of topics related to database and information systems technologies for advanced applications.

15th International Conference on Soft Computing Models in Industrial and Environmental Applications (SOCO 2020) - Álvaro Herrero 2020-08-28
This book contains accepted papers presented at SOCO 2020 conference held in the beautiful and historic city of Burgos (Spain), in September 2020. Soft computing represents a collection or set of computational techniques in machine learning, computer science and some engineering disciplines, which investigate, simulate, and analyze very complex issues and phenomena. After a through peer-review process, the SOCO 2020 International Program Committee selected 83 papers which are published in these conference proceedings and represents an acceptance rate of 35%. Due to

the COVID-19 outbreak, the SOCO 2020 edition was blended, combining on-site and on-line participation. In this relevant edition a special emphasis was put on the organization of special sessions. Eleven special session were organized related to relevant topics such as: Soft Computing Applications in Precision Agriculture, Manufacturing and Management Systems, Management of Industrial and Environmental Enterprises, Logistics and Transportation Systems, Robotics and Autonomous Vehicles, Computer Vision, Laser-Based Sensing and Measurement and other topics such as Forecasting Industrial Time Series, IoT, Big Data and Cyber Physical Systems, Non-linear Dynamical Systems and Fluid Dynamics, Modeling and Control systems The selection of papers was extremely rigorous in order to maintain the high quality of SOCO conference editions and we would like to thank the members of the Program Committees for their hard work in the reviewing process. This is a crucial

process to the creation of a high standard conference and the SOCO conference would not exist without their help.
Digital Mapping Techniques '06, Workshop Proceedings - David R. Soller 2007

InfoWorld - 1993-06-14
InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.
Software Design for Six Sigma - Basem S. El-Haik 2011-02-16
This proposal constitutes an algorithm of design applying the design for six sigma thinking, tools, and philosophy to software design. The algorithm will also include conceptual design frameworks, mathematical derivation for Six Sigma capability upfront to enable design teams to disregard concepts that are not capable upfront, learning the software development cycle and saving development costs. The

uniqueness of this book lies in bringing all those methodologies under the umbrella of design and provide detailed description about how these methods, QFD, DOE, the robust method, FMEA, Design for X, Axiomatic Design, TRIZ can be utilized to help quality improvement in software development, what kinds of different roles those methods play in various stages of design and how to combine those methods to form a comprehensive strategy, a design algorithm, to tackle any quality issues in the design stage.

Exploring Digital Humanities in India - Maya Dodd 2020-07-09
This book explores the emergence of digital humanities in the Indian context. It looks at how online and digital resources have transformed classroom and research practices. It examines some fundamental questions: What is digital humanities? Who is a digital humanist? What is its place in the Indian context? The chapters in the volume: • study the varied practices and pedagogies involved in incorporating the 'digital' into traditional classrooms; • showcase how researchers across disciplinary lines are expanding their scope of research, by adding a 'digital' component to update their curriculum to contemporary times; • highlight how this has also created opportunities for researchers to push the boundaries of their pedagogy and encouraged students to create 'live projects' with the aid of digital platforms; and • track changes in the language of research, documentation, archiving and reproduction as new conversations are opening up across Indian languages. A major intervention in the social sciences and humanities, this book will be of great interest to scholars and researchers of media studies, especially new and digital media, education, South Asian studies and cultural studies.