

Business Intelligence Systems, their Strategic Role and Organizational Impacts; New Ways to Work and Interact with the Internet; IS, IT and Security; Blending Design and Behavioral Research in Information Systems; Professional Skills, Certification of Curricula, Online Education and Communities; IS Design, IS Development, Metrics and Compliance; ICT4LAW: Information and communication technologies to help firms, public administrations, legislators and citizens to operate in a highly regulated world. The content of each section is based on a selection of original double-blind peer reviewed contributions.

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Building Search Applications with Lucene and LingpipeBuilding Search ApplicationsLucene, LingPipe, and GateLulu.com

The rapid advancement of semantic web technologies, along with the fact that they are at various levels of maturity, has left many practitioners confused about the current state of these technologies. Focusing on the most mature technologies, Applied Semantic Web Technologies integrates theory with case studies to illustrate the history, current state, and future direction of the semantic web. It maintains an emphasis on real-world applications and examines the technical and practical issues related to the use of semantic technologies in intelligent information management. The book starts with an introduction to the fundamentals—reviewing ontology basics, ontology languages, and research related to ontology alignment, mediation, and mapping. Next, it covers ontology engineering issues and presents a collaborative ontology engineering tool that is an extension of the Semantic MediaWiki. Unveiling a novel approach to data and knowledge engineering, the text: Introduces cutting-edge taxonomy-aware algorithms Examines semantics-based service composition in transport logistics Offers ontology alignment tools that use information visualization techniques Explains how to enrich the representation of entity semantics in an ontology Addresses challenges in tackling the content creation bottleneck Using case studies, the book provides authoritative insights and highlights valuable lessons learned by the authors—information systems veterans with decades of experience. They explain how to create social ontologies and present examples of the application of semantic technologies in building automation, logistics, ontology-driven business process intelligence, decision making, and energy efficiency in smart homes.

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Biological and biomedical research are increasingly driven by experimental techniques that challenge our ability to analyse, process and extract meaningful knowledge from the underlying data. The impressive capabilities of next generation sequencing technologies, together with novel and ever evolving distinct types of omics data technologies, have put an increasingly complex set of challenges for the growing fields of Bioinformatics and Computational Biology. The analysis of the datasets produced and their integration call for new algorithms and approaches from fields such as Databases, Statistics, Data Mining, Machine Learning, Optimization, Computer Science and Artificial Intelligence. Clearly, Biology is more and more a science of information requiring tools from the computational sciences. In the last few years, we have seen the surge of a new generation of interdisciplinary scientists that have a strong background in the biological and computational sciences. In this context, the

interaction of researchers from different scientific fields is, more than ever, of foremost importance boosting the research efforts in the field and contributing to the education of a new generation of Bioinformatics scientists. PACBB'14 contributes to this effort promoting this fruitful interaction. PACBB'14 technical program included 34 papers spanning many different sub-fields in Bioinformatics and Computational Biology. Therefore, the conference promotes the interaction of scientists from diverse research groups and with a distinct background such as computer scientists, mathematicians or biologists.

??Holt,Rinchart and Winston 1983??????. -- ??: Modern digital and analog communication systems/B. P. Lathi

This volume constitutes the proceedings of the 9th International Conference on Simulated Evolution and Learning, SEAL 2012, held in Hanoi, Vietnam, in December 2012. The 50 full papers presented were carefully reviewed and selected from 91 submissions. The papers are organized in topical sections on evolutionary algorithms, theoretical developments, swarm intelligence, data mining, learning methodologies, and real-world applications.

This volume contains papers presented at the 2nd International Afro-European Conference for Industrial Advancement -- AECIA 2015. The conference aimed at bringing together the foremost experts and excellent young researchers from Africa, Europe and the rest of the world to disseminate the latest results from various fields of engineering, information, and communication technologies. The topics, discussed at the conference, covered a broad range of domains spanning from ICT and engineering to prediction, modeling, and analysis of complex systems. The 2015 edition of AECIA featured a distinguished special track on prediction, modeling and analysis of complex systems -- Nostradamus, and special sessions on Advances in Image Processing and Colorization and Data Processing, Protocols, and Applications in Wireless Sensor Networks.

The work of black writers, editors, publishers, and librarians is deeply embedded in the history of American print culture, from slave narratives to digital databases. While the printed word can seem democratizing, it remains that the infrastructures of print and digital culture can be as limiting as they are enabling. Contributors to this volume explore the relationship between expression and such frameworks, analyzing how different mediums, library catalogs, and search engines shape the production and reception of written and visual culture. Topics include antebellum literature, the Harlem Renaissance, the Black Arts Movement; "post-Black" art, the role of black librarians, and how present-day technologies aid or hinder the discoverability of work by African Americans. Against a Sharp White Background covers elements of production, circulation, and reception of African American writing across a range of genres and contexts. This collection challenges mainstream book history and print culture to understand that race and racialization are inseparable from the study of texts and their technologies.

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