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**Enterprise and Organizational Modeling and Simulation** - Robert Pergl 2016-11-11  
This book constitutes the refereed proceedings of the 12th International Workshop on Enterprise

and Organizational Modeling and Simulation, EOMAS 2016, held in Ljubljana, Slovenia, in June 2016. The 12 full papers presented in this volume were carefully reviewed and selected from 26

submissions. They were organized in topical sections on formal approaches and human-centric approaches.

*Database Management Systems* - Sotirios Zygiaris  
2018-08-23

Zygiaris provides an accessible walkthrough of all technological advances of databases in the business environment. Readers learn how to design, develop, and use databases to provide business analytical reports with the three major database management systems: Microsoft Access, Oracle Express and MariaDB (formerly MySQL).  
*Requirements Modeling And Coding: An Object-oriented Approach* - Liping Liu  
2020-10-20

Requirements Modeling and Coding attempts to bridge the gap between modeling and coding and serves the growing trend of agile development better than existing textbooks in the area. Instead of using toy tools to create modeling and coding examples, the author

teaches IBM Rational Rhapsody as a modeling tool and Microsoft Visual C# as a programming tool. C# is the purest object-oriented programming language and the best tool for developing graphical user interfaces, while Rhapsody is a visual development environment that real software developers use to create real-time or embedded systems. This book serves as a text for a capstone course on Systems Analysis and Design in Information Systems programs. It conceptualizes business objects and functions, develops business models and software architectures, and enriches the models and the architectures by storyboarding use cases along with user interface designs. Instructor's resources are provided for free to instructors who adopt the book as textbook. Please send your request to sales@wspc.com.

**Database Theory and**

## **Application, Bio-Science and Bio-Technology** - Tai-

hoon Kim 2011-11-29

This book comprises selected papers of the International Conferences, DTA and BSBT 2011, held as Part of the Future Generation Information Technology Conference, FGIT 2011, in Conjunction with GDC 2011, Jeju Island, Korea, in December 2011. The papers presented were carefully reviewed and selected from numerous submissions and focus on the various aspects of database theory and application, and bio-science and bio-technology.

*Encyclopedia of Data Warehousing and Mining, Second Edition* - Wang, John 2008-08-31

There are more than one billion documents on the Web, with the count continually rising at a pace of over one million new documents per day. As information increases, the motivation and interest in data warehousing and

mining research and practice remains high in organizational interest. The *Encyclopedia of Data Warehousing and Mining, Second Edition*, offers thorough exposure to the issues of importance in the rapidly changing field of data warehousing and mining. This essential reference source informs decision makers, problem solvers, and data mining specialists in business, academia, government, and other settings with over 300 entries on theories, methodologies, functionalities, and applications.

*Database Systems: Design, Implementation, & Management* - Carlos Coronel 2018-01-01

Gain a solid foundation in database design and implementation using the practical, easy-to-understand approach in *DATABASE SYSTEMS: DESIGN, IMPLEMENTATION, AND MANAGEMENT*, 13E. This

market-leading resource provides in-depth coverage of database design, balancing theory and practice with supporting visuals. Completely revised and reorganized coverage of SQL makes the purchase of supplementary SQL programming books unnecessary. SQL is introduced with more examples and simpler explanations that focus on the points most important for a career in the database field. In addition, coverage of Big Data Analytics and NoSQL, including related Hadoop technologies, is now expanded to include a stronger hands-on approach. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Concurrent Engineering Approaches for Sustainable Product Development in a Multi-Disciplinary Environment**

- Josip Stjepandić  
2012-08-10

The CE Conference series is organized annually by the International Society for Productivity Enhancement (ISPE) and constitutes an important forum for international scientific exchange on concurrent and collaborative enterprise engineering. These international conferences attract a significant number of researchers, industrialists and students, as well as government representatives, who are interested in the recent advances in concurrent engineering research and applications. Concurrent Engineering Approaches for Sustainable Product Development in a Multi-Disciplinary Environment: Proceedings of the 19th ISPE International Conference on Concurrent Engineering contains papers accepted, peer reviewed and presented at the annual conference held at the University of Applied

Sciences in Trier, Germany, from 3rd-7th of September 2012. This covers a wide range of cutting-edge topics including: Systems Engineering and Innovation Design for Sustainability Knowledge Engineering and Management Managing product variety Product Life-Cycle Management and Service Engineering Value Engineering

**Information Technology** - Richard Fox 2013-02-08  
Information Technology: An Introduction for Today's Digital World introduces undergraduate students to a wide variety of concepts they will encounter throughout their IT studies and careers. The book covers computer organization and hardware, Windows and Linux operating systems, system administration duties, scripting, computer networks, regular expressions, binary numbers, the Bash shell in Linux, DOS, managing processes and services, and

computer security. It also gives students insight on IT-related careers, such as network and web administration, computer forensics, web development, and software engineering. Suitable for any introductory IT course, this classroom-tested text presents many of the topics recommended by the ACM Special Interest Group on IT Education (SIGITE). It offers a far more detailed examination of the computer than current computer literacy texts, focusing on concepts essential to all IT professionals—from operating systems and hardware to information security and computer ethics. The book highlights Windows/DOS and Linux with numerous examples of issuing commands and controlling the operating systems. It also provides details on hardware, programming, and computer networks. Ancillary Resources The

book includes laboratory exercises and some of the figures from the text online. PowerPoint lecture slides, answers to exercises, and a test bank are also available for instructors.

*Bridging Relational and NoSQL Databases* - Gaspar, Drazena 2017-11-30

Relational databases have been predominant for many years and are used throughout various industries. The current system faces challenges related to size and variety of data thus the NoSQL databases emerged. By joining these two database models, there is room for crucial developments in the field of computer science. *Bridging Relational and NoSQL Databases* is an innovative source of academic content on the convergence process between databases and describes key features of the next database generation. Featuring coverage on a wide variety of topics and perspectives

such as BASE approach, CAP theorem, and hybrid and native solutions, this publication is ideally designed for professionals and researchers interested in the features and collaboration of relational and NoSQL databases.

Software Reuse in the Emerging Cloud Computing Era - Yang, Hongji 2012-04-30

"This book clarifies the present fast-advancing literature of the current state of art and knowledge in the areas of the development and reuse of reusable assets in emerging software systems and applications"--Provided by publisher.

**Architectural Issues of Web-enabled Electronic Business** - V. K. Murthy 2002-01-01

Web technologies play a critical role in today's web-enabled e-Business. A key to success in applying the web-based technologies to the real world problems lies in understanding the

architectural issues and developing the appropriate methodologies and tools for designing e-Business systems. The main purpose of Architectural Issues of Web-Enabled Electronic Business therefore, is to provide e-Business professionals a holistic perspective of this field that covers a wide range of topics.

### **Business Intelligence and Performance Management**

**Management** - Peter Rausch 2013-02-15

During the 21st century business environments have become more complex and dynamic than ever before. Companies operate in a world of change influenced by globalisation, volatile markets, legal changes and technical progress. As a result, they have to handle growing volumes of data and therefore require fast storage, reliable data access, intelligent retrieval of information and automated decision-making mechanisms, all provided at

the highest level of service quality. Successful enterprises are aware of these challenges and efficiently respond to the dynamic environment in which their business operates. Business Intelligence (BI) and Performance Management (PM) offer solutions to these challenges and provide techniques to enable effective business change. The important aspects of both topics are discussed within this state-of-the-art volume. It covers the strategic support, business applications, methodologies and technologies from the field, and explores the benefits, issues and challenges of each. Issues are analysed from many different perspectives, ranging from strategic management to data technologies, and the different subjects are complimented and illustrated by numerous examples of industrial applications. Contributions

are authored by leading academics and practitioners representing various universities, research centres and companies worldwide. Their experience covers multiple disciplines and industries, including finance, construction, logistics, and public services, amongst others. Business Intelligence and Performance Management is a valuable source of reference for graduates approaching MSc or PhD programs and for professionals in industry researching in the fields of BI and PM for industrial application.

### **Realigning Research and Practice in Information Systems Development -**

Nancy L. Russo 2013-06-29  
Given the pervasive nature of information technology and information systems in the modern world, the design and development of IS and IT are critical issues of concern. New research topics continuously emerge in tandem with the latest

developments in technology- E-Business, Knowledge Management, Business Process Reengineering, for example. However, when the initial flurry of research abates and the "gloss" of these areas has diminished somewhat, as it inevitably does, the enduring core issue remains as to how to develop systems to fully exploit these new areas. Both information systems and information technology are interpreted fairly broadly in this book. Of particular interest to the editors were research studies that facilitate an understanding of the role and impact of information technology on society, organizations, and individuals, and which strive to improve the design and use of information systems in that context. The contributions to the book are categorized into four broad themes. First is the core issue of developing information systems in the current environment. In this



section several fundamental challenges to current assumptions and conventional wisdom in information systems development are posed. The second section considers the management of information systems. Again, the conventional wisdom is challenged. The penultimate section focuses on researching information systems. Here, various issues to do with research methods are surfaced, and the use of leading-edge research methods in information systems development is pioneered and discussed. Finally, a section is devoted to understanding information systems. This section addresses the perennial challenge in the IS field in relation to the conceptual foundations of the field. This volume comprises the proceedings of the Working Conference on Realigning Research and Practice in Information Systems Development: The Social

and Organizational Perspective, which was sponsored by the International Federation for Information Processing (IFIP) and held in Boise, Idaho, USA in July 2001. Given the central importance of information systems development in the current age, this eclectic book, which considers the topic from a rich and varied set of perspectives, will be essential reading for researchers and practitioners working in all areas of IS and IT.

Database Life Cycle - Open University. Relational Databases: Theory and Practice Course Team 2007-04

This block is concerned with the database lifecycle, which describes the stages a database goes through, from the time the need for a database is established until it is withdrawn from use. This block applies the practice developed in Block 3 to systematically develop, implement and maintain a

database design that supports the information requirements of an enterprise. It presents a simple framework for database development and maintenance. This is a very practical block and will require you to write and execute SQL statements for which you will need access to a computer installed with the course software (order code M359/CDR01) and database cards Scenarios and Hospital conceptual data model (order code M359/DBCARDS)

**Digital Forensics and Cyber Crime** - Marcus K. Rogers 2013-10-01

This book contains a selection of thoroughly refereed and revised papers from the Fourth International ICST Conference on Digital Forensics and Cyber Crime, ICDF2C 2012, held in October 2012 in Lafayette, Indiana, USA. The 20 papers in this volume are grouped in the following topical sections: cloud

investigation; malware; behavioral; law; mobile device forensics; and cybercrime investigations. *The Best Thinking in Business Analytics from the Decision Sciences Institute* - Decision Sciences Institute 2015-08-18

Today, business success depends on making great decisions - and making them fast. Leading organizations apply sophisticated business analytics tools and technologies to evaluate vast amounts of data, glean new insights, and increase both the speed and quality of decision making. In *The Best Thinking and Practices in Business Analytics from the Decision Sciences Institute*, DSI has compiled award-winning and award-nominated contributions from its most recent conferences: papers that illuminate exceptionally high-value applications and research on analytics for decision-making. These papers have appeared in no

other DSI collection. Explore them here, and you'll discover powerful new opportunities for competitive advantage through analytics. For all business, academic, and organizational professionals concerned with the science of more effective decision-making; and for undergraduate students, graduate students, and certification candidates in all related fields.

*Health Care Information Systems* - Karen A. Wager  
2009-06-24

The Best Selling Text in the Field Updated for the New Era of Health Care IT "This is the most comprehensive and authoritative book available for the field today." —Mark L. Diana, PhD, assistant professor and MHA program director, School of Public Health and Tropical Medicine, Tulane University "With health care information technology now in the national policy spotlight, this book should be required reading for

every health care administrator and student." —Mark Leavitt, MD, PhD, chairman, Certification Commission for Healthcare Information Technology "The book provides an excellent overview of foundational principles and practical strategies—a valuable reference for health administration and health informatics students and professionals." —Eta S. Berner, EdD, professor, Department of Health Services Administration, University of Alabama, Birmingham "The authors skillfully provide the tools necessary to facilitate movement from a paper-based to an electronic health record environment while championing the importance of managing in such an environment." —Melanie S. Brodник, PhD, director and associate professor, School of Allied Medical Professions, Ohio State University "Deploying health care information technology today is like

navigating whitewater in the midst of a raging storm. Leveraging investments while introducing significant change is no easy task. It requires focused attention, a spirit of collaboration, and a willingness to learn from others. This book is written for the IT leader who is willing to tackle these challenges." —Stephanie Reel, CIO and vice provost for Information Technologies, Johns Hopkins University

Benchmarking Transaction and Analytical Processing Systems - Anja Bog  
2013-07-11

Systems for Online Transaction Processing (OLTP) and Online Analytical Processing (OLAP) are currently separate. The potential of the latest technologies and changes in operational and analytical applications over the last decade have given rise to the unification of these systems, which can be of benefit for both

workloads. Research and industry have reacted and prototypes of hybrid database systems are now appearing. Benchmarks are the standard method for evaluating, comparing and supporting the development of new database systems. Because of the separation of OLTP and OLAP systems, existing benchmarks are only focused on one or the other. With the rise of hybrid database systems, benchmarks to assess these systems will be needed as well. Based on the examination of existing benchmarks, a new benchmark for hybrid database systems is introduced in this book. It is furthermore used to determine the effect of adding OLAP to an OLTP workload and is applied to analyze the impact of typically used optimizations in the historically separate OLTP and OLAP domains in mixed-workload scenarios.

**XII Mediterranean Conference on Medical**

**and Biological Engineering and Computing 2010** - Nicolas Pallikarakis 2010-05-28

Over the past three decades, the exploding number of new technologies and applications introduced in medical practice, often powered by advances in biosignal processing and biomedical imaging, created an amazing account of new possibilities for diagnosis and therapy, but also raised major questions of appropriateness and safety. The accelerated development in this field, alongside with the promotion of electronic health care solutions, is often on the basis of an uncontrolled diffusion and use of medical technology. The emergence and use of medical devices is multiplied rapidly and today there exist more than one million different products available on the world market. Despite the fact that the rising cost of health care, partly resulting from

the new emerging technological applications, forms the most serious and urgent problem for many governments today, another important concern is that of patient safety and user protection, issues that should never be compromised and expelled from the Biomedical Engineering research practice agenda.

*Spatial Database Systems* - Albert K.W. Yeung 2007-05-23

This book places spatial data within the broader domain of information technology (IT) while providing a comprehensive and coherent explanation of the guiding principles, methods, implementation and operational management of spatial databases within the workplace. The text explains the key concepts, issues and processes of spatial data implementation and provides a holistic management perspective.

*Games and Learning*

*Alliance* - Rosa Bottino  
2016-11-21

This book constitutes the refereed proceedings of the 5th International Conference on Games and Learning Alliance, GALA 2016, held in Utrecht, The Netherlands, in December 2016. The 27 revised regular papers presented together with 14 poster papers were carefully reviewed and selected from 55 submissions. The papers cover topics such as games and sustainability; games for math and programming; games and health; games and soft skills; games and management; games and learning; game development and assessment; and mobile games.

*Administrative Management*  
- E. J. Ferreira 2010-06

The roles and responsibilities of administrative managers are identified and explained in this updated and comprehensive resource on managing the information needs of an organization to

facilitate timely, relevant, and accurate communication. Topical case studies and practical examples illustrate the knowledge and skills required for success in office management. Whether managing cultural diversity in the work place or learning proper business ethics, the instructions outlined in this guide provide the basis for arriving at meaningful decisions that can make a candidate an asset in any office environment.

*Handbook of Research on Foundations and*

*Applications of Intelligent Business Analytics* - Sun, Zhaohao 2022-03-11

Intelligent business analytics is an emerging technology that has become a mainstream market adopted broadly across industries, organizations, and geographic regions. Intelligent business analytics is a current focus for research and development across

academia and industries and must be examined and considered thoroughly so businesses can apply the technology appropriately. The Handbook of Research on Foundations and Applications of Intelligent Business Analytics examines the technologies and applications of intelligent business analytics and discusses the foundations of intelligent analytics such as intelligent mining, intelligent statistical modeling, and machine learning. Covering topics such as augmented analytics and artificial intelligence systems, this major reference work is ideal for scholars, engineers, professors, practitioners, researchers, industry professionals, academicians, and students. Data Modeling and Database Design - Narayan S. Umanath 2014-06-18 DATA MODELING AND DATABASE DESIGN presents a conceptually complete coverage of

indispensable topics that each MIS student should learn if that student takes only one database course. Database design and data modeling encompass the minimal set of topics addressing the core competency of knowledge students should acquire in the database area. The text, rich examples, and figures work together to cover material with a depth and precision that is not available in more introductory database books. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Engineering Effective Decision Support Technologies: New Models and Applications - Power, Daniel J. 2013-05-31 In modern, information-centric business environments, Decision Making Support Systems (DMSS) present a critical consideration for any

organization serious about maintaining competitive advantage. Advances in information systems, knowledge management technologies, and other decision support systems necessitate a critical understanding of the latest trends and research. Engineering Effective Decision Support Technologies: New Models and Applications presents a collection of the latest research in DMSS and applies those theoretical considerations to best practices in the field. This reference includes empirical case studies and an analysis of new models and perspectives in knowledge management, promoting discussion of DMSS strategies among managers, researchers, and students of information science.

Data Warehousing and Mining: Concepts, Methodologies, Tools, and Applications - Wang, John 2008-05-31

In recent years, the science

of managing and analyzing large datasets has emerged as a critical area of research. In the race to answer vital questions and make knowledgeable decisions, impressive amounts of data are now being generated at a rapid pace, increasing the opportunities and challenges associated with the ability to effectively analyze this data.

**Encyclopedia of Data Warehousing and Mining**

- Wang, John 2005-06-30  
Data Warehousing and Mining (DWM) is the science of managing and analyzing large datasets and discovering novel patterns and in recent years has emerged as a particularly exciting and industrially relevant area of research. Prodigious amounts of data are now being generated in domains as diverse as market research, functional genomics and pharmaceuticals; intelligently analyzing these



data, with the aim of answering crucial questions and helping make informed decisions, is the challenge that lies ahead. The Encyclopedia of Data Warehousing and Mining provides a comprehensive, critical and descriptive examination of concepts, issues, trends, and challenges in this rapidly expanding field of data warehousing and mining (DWM). This encyclopedia consists of more than 350 contributors from 32 countries, 1,800 terms and definitions, and more than 4,400 references. This authoritative publication offers in-depth coverage of evolutions, theories, methodologies, functionalities, and applications of DWM in such interdisciplinary industries as healthcare informatics, artificial intelligence, financial modeling, and applied statistics, making it a single source of knowledge and latest discoveries in the

field of DWM.

**An Introduction to Information Systems -**

David Whiteley 2017-09-16

A clear, student-friendly and engaging introduction to how information technology is used in business.

Featuring several case studies, video interviews, thorough pedagogy and completely up-to-date chapters, this textbook will be a core resource for undergraduate students of Business Information Systems, a compulsory module in business degrees.

**Plant Genotyping -** Robert J. Henry 2001-08-17

Plant genotyping, or DNA fingerprinting of plants, is a technology that has matured and is poised for widespread practical application in the fields of breeding, commerce and research. This book examines the technologies available and their application in the analysis of: Wild plant populations Germplasm collections Plant

breedingContributors include leading research workers in this field from North America, Europe and Australasia.

*Information Technology Encyclopedia and Acronyms*

- Ejub Kajan 2012-12-06

Since the early days of information technology, professionals have developed an extraordinary huge amount of jargon, full of acronyms. This dictionary resolves more than 4,000 broadly used acronyms. It provides concise information, illustrated explanations, and numerous cross-references for the majority of technical terms. Most entries for acronyms that are associated with organizations, corporations, and conferences include Web links. All in all, the book constitutes an encyclopaedic documentation of information and communication technology organized by acronyms. An invaluable reference work for anybody who wants to

stay on top of today's fast growing language of information technology.

*Handbook of Research on Innovations in Database Technologies and*

*Applications* - Viviana E.

Ferraggine 2009-01-01

"This book provides a wide compendium of references to topics in the field of the databases systems and applications"--Provided by publisher.

**Systems Analysis and Design for Advanced Modeling Methods: Best Practices** - Bajaj, Akhilesh

2009-04-30

Covers research in the area of systems analysis and design practices and methodologies.

**Medical Image Databases**

- Stephen T.C. Wong

2012-12-06

Medical Image Databases covers the new technologies of biomedical imaging databases and their applications in clinical services, education, and research. Authors were selected because they are

doing cutting-edge basic or technology work in relevant areas. This was done to infuse each chapter with ideas from people actively investigating and developing medical image databases rather than simply review the existing literature. The authors have analyzed the literature and have expanded on their own research. They have also addressed several common threads within their generic topics. These include system architecture, standards, information retrieval, data modeling, image visualizations, query languages, telematics, data mining, and decision supports. The new ideas and results reported in this volume suggest new and better ways to develop imaging databases and possibly lead us to the next information infrastructure in biomedicine. *Medical Image Databases* is suitable as a textbook for a graduate-level course on biomedical imaging or

medical image databases, and as a reference for researchers and practitioners in industry. *Managing Health Care Information Systems* - Karen A. Wager 2005-07-08 *Managing Health Care Information Systems* teaches key principles, methods, and applications necessary to provide access to timely, complete, accurate, legible, and relevant health care information. Written by experts for students and professionals, this well-timed book provides detailed information on the foundations of health care information management; the history, legacy, and future of health care information systems; the architecture and technologies that support health care information systems; and the challenges for senior management in information technology, such as organization, alignment with strategic planning, governance,

planning initiatives, and assessing and achieving value. Comprehensive in scope, *Managing Health Care Information Systems* includes substantial discussion of data quality, regulation, laws, and standards; strategies for system acquisition, use, and support; and standards and security. Each chapter includes an overview and summary of the material, as well as learning activities. The activities provide students with the opportunity to explore more fully the concepts presented.

*New Perspectives on Information Systems Development* - Hari

Harindranath 2012-12-06

This book is a result of the Tenth International Conference on Information Systems Development (ISD2001) held at Royal Holloway, University of London, United Kingdom, during September 5-7, 2001. ISD 2001 carries on the fine tradition

established by the first Polish-Scandinavian Seminar on Current Trends in Information Systems Development Methodologies, held in Gdansk, Poland in 1988. Through the years, this seminar evolved into an International Conference on Information Systems Development. The Conference gives participants an opportunity to express ideas on the current state of the art in information systems development, and to discuss and exchange views on new methods, tools, applications as well as theory. In all, 55 papers were presented at ISD2001 organised into twelve tracks covering the following themes: Systems Analysis and Development, Modelling, Methodology, Database Systems, Collaborative Systems, Theory, Knowledge Management, Project Management, IS Education, Management issues, E-Commerce. and Technical

Issues. We would like to thank all the contributing authors for making this book possible and for their participation in ISD200 1. We are grateful to our panel of paper reviewers for their help and support. We would also like to express our sincere thanks to Ceri Bowyer and Steve Brown for their unfailing support with organising ISD2001.

**Database Systems: Design, Implementation, and Management** - Carlos Coronel 2012-01-01

Practical and easy to understand, DATABASE SYSTEMS: DESIGN, IMPLEMENTATION, AND MANAGEMENT, Tenth Edition, gives students a solid foundation in database design and implementation. Filled with visual aids such as diagrams, illustrations, and tables, this market-leading text provides in-depth coverage of database design, demonstrating that the key to successful database implementation is in proper design of

databases to fit within a larger strategic view of the data environment.

Renowned for its clear, straightforward writing style, this text provides students with an outstanding balance of theory and practice. The tenth edition has been thoroughly updated to include hot topics such as green computing/sustainability for modern data centers, the role of redundant relationships, and examples of web-database connectivity and code security. In addition, new review questions, problem sets, and cases have been added throughout the book so that students have multiple opportunities to test their understanding and develop real and useful design skills. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

*Handbook of Research on Demand-Driven Web Services: Theory, Technologies, and Applications* - Sun, Zhaohao  
2014-03-31

In the current technological world, Web services play an integral role in service computing and social networking services. This is also the case in the traditional FREG (foods, resources, energy, and goods) services because almost all traditional services are replaced fully or partially by Web services. *Handbook of Research on Demand-Driven Web Services: Theory, Technologies, and Applications* presents comprehensive and in-depth studies that reveal the cutting-edge theories, technologies, methodologies, and applications of demand-driven Web, mobile, and e-business services. This book provides critical perspectives for researchers and practitioners, lecturers

and undergraduate/graduate students, and professionals in the fields of computing, business, service, management, and government, as well as a variety of readers from all the social strata.

*Enterprise Information Systems: Concepts, Methodologies, Tools and Applications* - Management Association, Information Resources  
2010-09-30

This three-volume collection, titled *Enterprise Information Systems: Concepts, Methodologies, Tools and Applications*, provides a complete assessment of the latest developments in enterprise information systems research, including development, design, and emerging methodologies. Experts in the field cover all aspects of enterprise resource planning (ERP), e-commerce, and organizational, social and technological implications of enterprise information

systems.

**Introduction to Business Information Systems -**

Rolf T. Wigand 2003-05-21

After describing the functions of the PC and the role of computers in local and global networks, the authors explain the fundamentals of data management, as well as the support of firms' functions and processes through information processing. The concepts utilized are deployed in a multitude of modern and integrated application systems in manufacturing and service industries. These application examples make up the core of the book. Many application examples illustrate the methodologies addressed.

**Conceptual Modeling - ER 2011 -** Manfred Jeusfeld  
2011-10-12

This book constitutes the

refereed proceedings of the 30th International Conference on Conceptual Modeling, ER 2011, held in Brussels, Belgium, in October/November 2011. The 25 revised full papers presented together with 14 short papers and three keynotes were carefully reviewed and selected from 157 submissions. The papers are organized in topical sections on modeling goals and compliance; human and socio-technical factors; ontologies; data model theory; model development and maintainability; user interfaces and software classification; evolution, propagation and refinement; UML and requirements modeling; views, queries and search; requirements and business intelligence; MDA and ontology-based modeling; process modeling; panels.