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multidimensional databases problems and solutions strives to be the point of reference for the most important issues in the field of multidimensional databases this book provides a brief history of the field and distinguishes between what is new in recent research and what is merely a renaming of old concepts in addition multidimensional databases problems and solutions outlines the incredible advances in technology and ever increasing demands from users in the most diverse applicative areas such as finance medicine statistics business and many more many of the most distinguished and well known researchers have contributed to this book writing about their own specific field geared toward designers and professionals interested in the conceptual aspects of integrity problems in different paradigms database integrity challenges and solutions successfully addresses these and a variety of other issues 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 this book relates contemporary information and communication technologies ict to their specific teaching and learning functions including how ict is appropriated for and by educational or learning communities the technological hot spots of interest in this book include groupware or multi user technologies such as group archives or synchronous co construction environments embedded interactive technologies in the spirit of ubiquitous computing and modeling tools based on rich representations the high failure rate of enterprise resource planning erp projects is a pressing concern for both academic researchers and industrial practitioners the challenges of an erp implementation are particularly high when the project involves designing and developing a system from scratch organizations often turn to vendors and consultants for handling such projects but every aspect of an erp project is opaque for both customers and vendors unlocking the mysteries of building a large scale erp

system the adventurous and practical journey to a large scale enterprise solution tells the story of implementing an applied enterprise solution the book covers the field of enterprise resource planning by examining state of the art concepts in software project management methodology design and development integration policy and deployment framework including a hybrid project management methodology using waterfall as well as a customized scrum based approach a novel multi tiered software architecture featuring an enhanced flowable process engine a unique platform for coding business processes efficiently integration to embed erp modules in physical devices a heuristic based framework to successfully step into the go live period written to help erp project professionals the book charts the path that they should travel from project ideation to systems implementation it presents a detailed real life case study of implementing a large scale erp and uses storytelling to demonstrate incorrect and correct decisions frequently made by vendors and customers filled with practical lessons learned the book explains the ins and outs of adopting project methodologies it weaves a tale that features both real world and scholarly aspects of an erp implementation this book provides an overall view of the emerging field of complex data processing highlighting the similarities between the different data issues and approaches provided by publisher an overview of the multidisciplinary field of data mining this book focuses specifically on new methodologies and case studies included are case studies written by 44 leading scientists and talented young scholars from seven different countries topics covered include data mining based on rough sets the impact of missing data and mining free text for structure in addition the four basic mining operations supported by numerous mining techniques are addressed predictive model creation supported by supervised induction techniques link analysis supported by association discovery and sequence discovery techniques db segmentation supported by clustering techniques and deviation detection supported by statistical techniques solution methods for metal oxide nanostructures reviews solution processes that are used for synthesizing 1d 2d and 3d metal oxide nanostructures in either thin film or in powder form for various applications wet chemical synthesis methods deal with chemical reactions in the solution phase using precursors at proper experimental conditions wet chemical synthesis routes offer a high degree of controllability and reproducibility for 2d nanomaterial fabrication solvothermal synthesis template synthesis self assembly oriented attachment hot injection and interface mediated synthesis are the main wet chemical synthesis routes for 2d nanomaterials solution methods for metal oxide nanostructures also addresses the thin film deposition metal

oxides nanostructures which plays a very important role in many areas of chemistry physics and materials science each chapter includes information on a key solution method and their application in the design of metal oxide nanostructured materials with optimized properties for important applications the pros and cons of the solution method and their significance and future scope is also discussed in each chapter readers are provided with the fundamental understanding of the key concepts of solution synthesis methods for fabricating materials and the information needed to help them select the appropriate method for the desired application reviews the most relevant wet chemical solution methods for metal oxide nanostructures including sol gel solvothermal hydrothermal co precipitation methods and more addresses thin film deposition techniques for metal oxide nanostructures such as spray pyrolysis electrodeposition spin coating and self assembly discusses the pros and cons of each solution method and its significance and future opportunities please see volume i for a full description this two volume set lncs 9642 and lncs 9643 constitutes the refereed proceedings of the 21st international conference on database systems for advanced applications dasfaa 2016 held in dallas tx usa in april 2016 the 61 full papers presented were carefully reviewed and selected from a total of 183 submissions the papers cover the following topics crowdsourcing data quality entity identification data mining and machine learning recommendation semantics computing and knowledge base textual data social networks complex queries similarity computing graph databases and miscellaneous advanced applications this book provides integrated chapters on software engineering and enterprise systems focusing on parts integrating requirements engineering software engineering process and frameworks productivity technologies and enterprise systems provided by publisher almost all pathologists face legal issues when dealing with the specimens they work with on a day to day basis whether it involves quality control and assurance in handling the specimens facing the possibility of malpractice suits or serving as an expert witness in a trial written in an easy to read conversational tone with a dose of good humor this book fills the need for a handbook that discusses the full spectrum of legal issues that many pathologists face written from a pathologist s point of view organized in 12 user friendly chapters the book begins with a comparison of law and medicine and explains the basics of the american legal system it continues with discussions of the impact of law on the practice of pathology including such topics as specimens with potential legal implications the controversy of saving organs for teaching procuring and saving specimens for toxicology testing and dna confirmation in identity testing a must have

section on malpractice suits covers reasons why patients sue what to do if sued and reducing the chance of being sued the author addresses expert witness testimony including how to be an expert witness conflicts of interest conduct in a courtroom what to say and what not to say quality control and assurance as it applies to the pathologist is also discussed legal implications for the information age including the use of internet and e mail with regard to patient confidentiality is discussed in detail case samples are scattered throughout the text to illustrate the principles discussed every term is defined in the glossary this book constitutes the thoroughly refereed post proceedings of the first international workshop on business intelligence for the real time enterprise birte 2006 held in seoul korea in september 2006 in conjunction with vldb 2006 the international conference on very large data bases the papers discuss the five major aspects of business intelligence for the real time enterprise this monograph is devoted to computational morphology particularly to the construction of a two dimensional or a three dimensional closed object boundary through a set of points in arbitrary position by applying techniques from computational geometry and cagd new results are developed in four stages of the construction process a the gamma neighborhood graph for describing the structure of a set of points b an algorithm for constructing a polygonal or polyhedral boundary based on a c the flintstone scheme as a hierarchy for polygonal and polyhedral approximation and localization d and a bezier triangle based scheme for the construction of a smooth piecewise cubic boundary business information systems concepts methodologies tools and applications offers a complete view of current business information systems within organizations and the advancements that technology has provided to the business community this four volume reference uncovers how technological advancements have revolutionized financial transactions management infrastructure and knowledge workers vols for 1989 include papers originally presented at the florida ai research symposium easy to read writing style comprehensive coverage of all database topics bullet lists and tables more detailed examples of database implementations more sql including significant information on planned revisions to the language simple and easy explanation to complex topics like relational algebra relational calculus query processing and optimization covers topics on implementation issues like security integrity transaction management concurrency control backup and recovery etc latest advances in database technology this book constitutes the refereed proceedings of the 10th international conference on database systems for advanced applications dasfaa 2005 held in beijing china in april 2005 the 67 revised full papers and 15 revised short papers presented were carefully reviewed and

selected from 302 submissions the papers are organized in topical sections on bioinformatics water marking and encryption xml query processing xml coding and metadata management data mining data generation and understanding music retrieval query processing in subscription systems extending xml services high dimensional indexing sensor and stream data processing database performance clustering and classification data warehousing data mining and data processing moving object databases temporal databases semantics xml update and query patterns join processing and view management spatial databases enhancing database services recovery and correctness and xml databases and indexing this book constitutes the refereed proceedings of the 9th international conference on database systems for advanced applications dasfaa 2004 held in jeju island korea in march 2004 the 60 revised full papers and 18 revised short papers presented together with 2 invited articles were carefully reviewed and selected from 272 submissions the papers are organized in topical sections on access methods query processing in xml security and integrity query processing in temporal and spatial databases semi structured databases knowledge discovery in temporal and spatial databases xml and multimedia and knowledge discovery on the query processing and optimization classification and clustering search mobile databases parallel and distributed databases and multimedia databases information and process integration in enterprises rethinking documents is a bold attempt to address information and process integration issues as a single body of research and practice this book has identified the concept of documents as a common thread linking the integration issues documents after all are representations of information along with representations of the usage of the information contained therein rethinking the role of documents is therefore central to re engineering enterprises in the context of information and process integration the chapters of this book are based on papers presented at the international working conference on information and process integration in enterprises ipic 96 held at mit on november 14 and 15 1996 the chapters cover a range of issues from the future role of documents in enterprise integration to emerging models of business processes and information use to practical experiences in implementing new processes and technologies in real work environments information and process integration in enterprises rethinking documents is suitable as a secondary text for a graduate level course on information technology this edition combines clear explanations of database theory and design with up to date coverage of models and real systems it features excellent examples and access to addison wesley s database site that includes further teaching tutorials and many useful student resources this publication covers papers presented at

aided2009 part of an ongoing series of biennial international conferences for top quality research in intelligent systems and cognitive science for educational computing applications the conference provides opportunities for the cross fertilization of techniques from many fields that make up this interdisciplinary research area including artificial intelligence computer science cognitive and learning sciences education educational technology psychology philosophy sociology anthropology linguistics and the many domain specific areas for which aided systems have been designed and evaluated aided2009 focuses on the theme building learning systems that care from knowledge representation to affective modelling the key research question is how to tackle the complex issues related to building learning systems that care ranging from representing knowledge and context to modelling social cognitive metacognitive and affective dimensions this requires multidisciplinary research that links theory and technology from artificial intelligence cognitive science and computer science with theory and practice from education and the social sciences annotation proceedings of the march 1990 meeting held in miami beach florida thirty three full papers and 50 short papers were selected from almost 200 no index acidic paper annotation copyrighted by book news inc portland or this proceedings volume contains 52 technical research papers on multidatabases distributed db multimedia db object oriented db real time db temporal db deductive db and intelligent user interface some industrial papers are also included dexa 2004 the 15th international conference on database and expert systems applications was held august 30 september 3 2004 at the university of zaragoza spain the quickly growing spectrum of database applications has led to the establishment of more specialized discussion platforms dawak conference ec conference egovconference trustbus conference and dexa workshop every dexa event has its own conference proceedings which were held in parallel with the dexa conference also in zaragoza in your hands are the results of much effort the work begins with the preparation of the submitted papers which then go through the reviewing process the accepted papers are revised to final versions by their authors and are then arranged within the conference program all culminates in the conference itself for this conference 304 papers were submitted and i want to thank to all who contributed to it they are the real base of the conference the program committee and the supporting reviewers produced altogether 942 referee reports in average 3 1 reports per paper and selected 92 papers for presentation at this point we would like to say many thanks to all the institutions that actively supported this conference and made it possible these were university of zaragoza faw dexa association austrian computer society this third edition of a classic

textbook can be used to teach at the senior undergraduate and graduate levels the material concentrates on fundamental theories as well as techniques and algorithms the advent of the internet and the world wide and more recently the emergence of cloud computing and streaming data applications has forced a renewal of interest in distributed and parallel data management while at the same time requiring a rethinking of some of the traditional techniques this book covers the breadth and depth of this re emerging field the coverage consists of two parts the first part discusses the fundamental principles of distributed data management and includes distribution design data integration distributed query processing and optimization distributed transaction management and replication the second part focuses on more advanced topics and includes discussion of parallel database systems distributed object management peer to peer data management web data management data stream systems and cloud computing new in this edition new chapters covering database replication database integration multidatabase query processing peer to peer data management and web data management coverage of emerging topics such as data streams and cloud computing extensive revisions and updates based on years of class testing and feedback ancillary teaching materials are available the three volume set Incs 2667 Incs 2668 and Incs 2669 constitutes the refereed proceedings of the international conference on computational science and its applications iccsa 2003 held in montreal canada in may 2003 the three volumes present more than 300 papers and span the whole range of computational science from foundational issues in computer science and mathematics to advanced applications in virtually all sciences making use of computational techniques the proceedings give a unique account of recent results in computational science proceedings this book presents and disseminates new concepts and developments in the areas of data warehousing and data mining in particular on the research trends shaped during the last few years provided by publisher ssdbm 2003 brings together researchers practitioners and developers for the presentation and exchange of current research on concepts tools and techniques for scientific and statistical database applications this year s proceedings focuses on the priority themes of bioinformatics genomics biodiversity informatics including biological databases and geospatial and sensor databases this proceedings contains the latest reports on research development and novel applications of database systems topics covered include database design parallel and distributed databases storage structures integrity constraints deductive databases and theoretical aspects of databases software quality is a generalised statement difficult to agree or disagree with until a precise definition of the concept of software quality is reached in terms of

measurable quantities unfortunately for the software technology the basic question of what to measure how to measure when to measure how to deal with the data obtained are still unanswered and are also closely dependant on the field of application in the past twenty years or more there have been a number of conferences and debates focusing on the concept of software quality which produced no real industrial impact recently however the implementation of a few generic standards iso 9000 ieee etc has produced and improved application of good practice principles at the industrial level as a graduate in physics i still believe it is a long way before the concept of software quality can be defined exactly and measured if ever this is way i think the aquis series of conferences is important its object begin to provide a platform for the transfer of technology and know how between academic industrial and research institutions in the field of software quality their objects are to provide a forum for the introduction and discussion of new research breakthroughs in software quality to provide professional software quality engineers with the necessary exposure to the results of current research to expose the research community to the problems of practical application of new results this reference expands the field of database technologies through four volumes of in depth advanced research articles from nearly 300 of the world s leading professionals provided by publisher this book covers a wide range of topics involved in the outsourcing of information technology through state of the art collaborations of international field experts provided by publisher this authoritative directory has been expanded to cover 13 000 major companies and includes the contact names of more than 81 000 senior executives major companies and includes the contact names of more than 81 000 senior executives entries typically include company name address telephone and fax numbers e mail and addresses names of senior management and board members description of business activities brand names and trademarks subsidiaries and affiliates number of employees financial information for the last two years principal shareholders and private public status since the 1980s software agents and multi agent systems have grown into what is now one of the most active areas of research and development activity in computing generally one of the most important reasons for the current intensity of interest in the agent based computing paradigm certainly is that the concept of an agent as an autonomous system capable of interacting with other agents in order to satisfy its design objectives is a natural one for software designers this recognition has led to the growth of interest in agents as a new paradigm for software engineering this book reflects the state of the art in the field by presenting 14 revised full papers accepted for the second workshop on this topic aose 2001

together with five invited survey articles the book offers topical sections on societies and organizations protocols and interaction frameworks uml and agent systems agent oriented requirements capture and specification and analysis and design the book presents the latest research ideas and topics on how to enhance current database systems improve information storage refine existing database models and develop advanced applications it provides insights into important developments in the field of database and database management with emphasis on theoretical issues regarding databases and database management the book describes the capabilities and features of new technologies and methodologies and addresses the needs of database researchers and practitioners note this book is part of a new series entitled advanced topics in database research this book is volume three within this series vol iii 2004

Multidimensional Databases: Problems and Solutions 2002-07-01

multidimensional databases problems and solutions strives to be the point of reference for the most important issues in the field of multidimensional databases this book provides a brief history of the field and distinguishes between what is new in recent research and what is merely a renaming of old concepts in addition multidimensional databases problems and solutions outlines the incredible advances in technology and ever increasing demands from users in the most diverse applicative areas such as finance medicine statistics business and many more many of the most distinguished and well known researchers have contributed to this book writing about their own specific field

Database Integrity: Challenges and Solutions 2001-07-01

geared toward designers and professionals interested in the conceptual aspects of integrity problems in different paradigms database integrity challenges and solutions successfully addresses these and a variety of other issues

New Trends in Databases and Information Systems 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

The Role of Technology in CSCL *2007-06-26*

this book relates contemporary information and communication technologies ict to their specific teaching and learning functions including how ict is appropriated for and by educational or learning communities the technological hot spots of interest in this book include groupware or multi user technologies such as group archives or synchronous co construction environments embedded interactive technologies in the spirit of ubiquitous computing and modeling tools based on rich representations

The Adventurous and Practical Journey to a Large-Scale Enterprise Solution *2023-03-16*

the high failure rate of enterprise resource planning erp projects is a pressing concern for both academic researchers and industrial practitioners the challenges of an erp implementation are particularly high when the project involves designing and developing a system from scratch organizations often turn to vendors and consultants for handling such projects but every aspect of an erp project is opaque for both customers and vendors unlocking the mysteries of building a large scale erp system the adventurous and practical journey to a large scale enterprise solution tells the story of implementing an applied enterprise solution the book covers the field of enterprise resource planning by examining state of the art concepts in software project management methodology design and development integration policy and deployment framework including a hybrid project management methodology using waterfall as well as a customized scrum based approach a novel multi tiered software architecture featuring an enhanced flowable process engine a unique platform for coding business processes efficiently integration to embed erp modules in physical devices a heuristic based framework to successfully step into the go live period written to help erp project professionals the book charts the path that they should travel from project ideation to systems implementation it presents a detailed real life case study of implementing a large scale erp and uses storytelling to demonstrate incorrect and correct decisions frequently made by vendors

and customers filled with practical lessons learned the book explains the ins and outs of adopting project methodologies it weaves a tale that features both real world and scholarly aspects of an erp implementation

Processing and Managing Complex Data for Decision Support 2006-03-31

this book provides an overall view of the emerging field of complex data processing highlighting the similarities between the different data issues and approaches provided by publisher

Data Mining 2003-01-01

an overview of the multidisciplinary field of data mining this book focuses specifically on new methodologies and case studies included are case studies written by 44 leading scientists and talented young scholars from seven different countries topics covered include data mining based on rough sets the impact of missing data and mining free text for structure in addition the four basic mining operations supported by numerous mining techniques are addressed predictive model creation supported by supervised induction techniques link analysis supported by association discovery and sequence discovery techniques db segmentation supported by clustering techniques and deviation detection supported by statistical techniques

Solution Methods for Metal Oxide Nanostructures 2023-06-27

solution methods for metal oxide nanostructures reviews solution processes that are used for synthesizing 1d 2d and 3d metal oxide nanostructures in either thin film or in powder form for various applications wet chemical synthesis methods deal with chemical reactions in the solution phase using precursors at proper experimental conditions wet chemical synthesis routes offer a high degree of controllability and reproducibility for 2d nanomaterial fabrication solvothermal synthesis template synthesis self assembly

oriented attachment hot injection and interface mediated synthesis are the main wet chemical synthesis routes for 2d nanomaterials solution methods for metal oxide nanostructures also addresses the thin film deposition metal oxides nanostructures which plays a very important role in many areas of chemistry physics and materials science each chapter includes information on a key solution method and their application in the design of metal oxide nanostructured materials with optimized properties for important applications the pros and cons of the solution method and their significance and future scope is also discussed in each chapter readers are provided with the fundamental understanding of the key concepts of solution synthesis methods for fabricating materials and the information needed to help them select the appropriate method for the desired application reviews the most relevant wet chemical solution methods for metal oxide nanostructures including sol gel solvothermal hydrothermal co precipitation methods and more addresses thin film deposition techniques for metal oxide nanostructures such as spray pyrolysis electrodeposition spin coating and self assembly discusses the pros and cons of each solution method and its significance and future opportunities

Systems, Social, and Internationalization Design Aspects of Human-computer Interaction ***2001-08-01***

please see volume i for a full description

Database Systems for Advanced Applications 2016-03-24

this two volume set lncs 9642 and lncs 9643 constitutes the refereed proceedings of the 21st international conference on database systems for advanced applications dasfaa 2016 held in dallas tx usa in april 2016 the 61 full papers presented were carefully reviewed and selected from a total of 183 submissions the papers cover the following topics crowdsourcing data quality entity identification data mining and machine learning recommendation semantics computing and knowledge base textual data social networks complex queries similarity computing graph databases and miscellaneous advanced applications

Handbook of Research on Software Engineering and Productivity Technologies: Implications of Globalization *2009-08-31*

this book provides integrated chapters on software engineering and enterprise systems focusing on parts integrating requirements engineering software engineering process and frameworks productivity technologies and enterprise systems provided by publisher

Pathology and Law 2012-11-03

almost all pathologists face legal issues when dealing with the specimens they work with on a day to day basis whether it involves quality control and assurance in handling the specimens facing the possibility of malpractice suits or serving as an expert witness in a trial written in an easy to read conversational tone with a dose of good humor this book fills the need for a handbook that discusses the full spectrum of legal issues that many pathologists face written from a pathologist s point of view organized in 12 user friendly chapters the book begins with a comparison of law and medicine and explains the basics of the american legal system it continues with discussions of the impact of law on the practice of pathology including such topics as specimens with potential legal implications the controversy of saving organs for teaching procuring and saving specimens for toxicology testing and dna confirmation in identity testing a must have section on malpractice suits covers reasons why patients sue what to do if sued and reducing the chance of being sued the author addresses expert witness testimony including how to be an expert witness conflicts of interest conduct in a courtroom what to say and what not to say quality control and assurance as it applies to the pathologist is also discussed legal implications for the information age including the use of internet and e mail with regard to patient confidentiality is discussed in detail case samples are scattered throughout the text to illustrate the principles discussed every term is defined in the glossary

Business Intelligence for the Real-Time Enterprises *2007-08-22*

this book constitutes the thoroughly refereed post proceedings of the first international workshop on business intelligence for the real time enterprise birte 2006 held in seoul korea in september 2006 in conjunction with vldb 2006 the international conference on very large data bases the papers discuss the five major aspects of business intelligence for the real time enterprise

Entity-Relationship Approach - ER '93 *1994-07-28*

this monograph is devoted to computational morphology particularly to the construction of a two dimensional or a three dimensional closed object boundary through a set of points in arbitrary position by applying techniques from computational geometry and cagd new results are developed in four stages of the construction process a the gamma neighborhood graph for describing the structure of a set of points b an algorithm for constructing a polygonal or polyhedral boundary based on a c the flintstone scheme as a hierarchy for polygonal and polyhedral approximation and localization d and a bezier triangle based scheme for the construction of a smooth piecewise cubic boundary

Business Information Systems: Concepts, Methodologies, Tools and Applications *2010-06-30*

business information systems concepts methodologies tools and applications offers a complete view of current business information systems within organizations and the advancements that technology has provided to the business community this four volume reference uncovers how technological advancements have revolutionized financial transactions management infrastructure and knowledge workers

Advances in Artificial Intelligence Research 1989

vols for 1989 include papers originally presented at the florida ai research symposium

Database Management System 2005-04-04

easy to read writing style comprehensive coverage of all database topics bullet lists and tables more detailed examples of database implementations more sql including significant information on planned revisions to the language simple and easy explanation to complex topics like relational algebra relational calculus query processing and optimization covers topics on implementation issues like security integrity transaction management concurrency control backup and recovery etc latest advances in database technology

Database Systems for Advanced Applications 2004-02-24

this book constitutes the refereed proceedings of the 10th international conference on database systems for advanced applications dasfaa 2005 held in beijing china in april 2005 the 67 revised full papers and 15 revised short papers presented were carefully reviewed and selected from 302 submissions the papers are organized in topical sections on bioinformatics water marking and encryption xml query processing xml coding and metadata management data mining data generation and understanding music retrieval query processing in subscription systems extending xml services high dimensional indexing sensor and stream data processing database performance clustering and classification data warehousing data mining and data processing moving object databases temporal databases semantics xml update and query patterns join processing and view management spatial databases enhancing database services recovery and correctness and xml databases and indexing

Database Systems for Advanced Applications 2012-12-06

this book constitutes the refereed proceedings of the 9th international conference on database systems for advanced applications dasfaa 2004 held in jeju island korea in march 2004 the 60 revised full papers and 18 revised short papers presented together with 2 invited articles were carefully reviewed and selected from 272 submissions the papers are organized in topical sections on access methods query processing in xml security and integrity query processing in temporal and spatial databases semi structured databases knowledge discovery in temporal and spatial databases xml and multimedia and knowledge discovery on the query processing and optimization classification and clustering search mobile databases parallel and distributed databases and multimedia databases

Information and Process Integration in Enterprises 2007

information and process integration in enterprises rethinking documents is a bold attempt to address information and process integration issues as a single body of research and practice this book has identified the concept of documents as a common thread linking the integration issues documents after all are representations of information along with representations of the usage of the information contained therein rethinking the role of documents is therefore central to re engineering enterprises in the context of information and process integration the chapters of this book are based on papers presented at the international working conference on information and process integration in enterprises ipic 96 held at mit on november 14 and 15 1996 the chapters cover a range of issues from the future role of documents in enterprise integration to emerging models of business processes and information use to practical experiences in implementing new processes and technologies in real work environments information and process integration in enterprises rethinking documents is suitable as a secondary text for a graduate level course on information technology

Fundamentals of Database Systems 2009-06-25

this edition combines clear explanations of database theory and design with up to date coverage of models and real systems it features excellent examples and access to addison wesley s database site that includes further teaching tutorials and many useful student resources

Artificial Intelligence in Education 1990

this publication covers papers presented at aied2009 part of an ongoing series of biennial international conferences for top quality research in intelligent systems and cognitive science for educational computing applications the conference provides opportunities for the cross fertilization of techniques from many fields that make up this interdisciplinary research area including artificial intelligence computer science cognitive and learning sciences education educational technology psychology philosophy sociology anthropology linguistics and the many domain specific areas for which aied systems have been designed and evaluated aied2009 focuses on the theme building learning systems that care from knowledge representation to affective modelling the key research question is how to tackle the complex issues related to building learning systems that care ranging from representing knowledge and context to modelling social cognitive metacognitive and affective dimensions this requires multidisciplinary research that links theory and technology from artificial intelligence cognitive science and computer science with theory and practice from education and the social sciences

PARBASE-90, International Conference on Databases, Parallel Architectures, and Their

Applications *1993-03-18*

annotation proceedings of the march 1990 meeting held in miami beach florida thirty three full papers and 50 short papers were selected from almost 200 no index acidic paper annotation copyrighted by book news inc portland or

Database Systems For Advanced Applications '93 - Proceedings Of The 3rd International Symposium On Database Systems For Advanced Applications *2004-08-19*

this proceedings volume contains 52 technical research papers on multidatabases distributed db multimedia db object oriented db real time db temporal db deductive db and intelligent user interface some industrial papers are also included

Database and Expert Systems Applications 2011-02-24

dexa 2004 the 15th international conference on database and expert systems applications was held august 30 september 3 2004 at the university of zaragoza spain the quickly growing spectrum of database applications has led to the establishment of more specialized discussion platforms dawak conference ec conference egovconference trustbus conference and dexa workshop every dexa event has its own conference proceedings which were held in parallel with the dexa conference also in zaragoza in your hands are the results of much effort the work begins with the preparation of the submitted papers which then go through the reviewing process the accepted papers are revised to final versions by their authors and are then arranged within the conference program all culminates in the conference itself for this conference 304 papers were submitted and i want to thank to all who contributed to it they are the real base of the conference the program committee and the supporting reviewers produced altogether 942 referee reports in average 3 1 reports per paper and selected 92 papers for presentation at this point we would like to say many thanks to all the

institutions that actively supported this conference and made it possible these were university of zaragoza faw dexa association
austrian computer society

Principles of Distributed Database Systems 2003-05-08

this third edition of a classic textbook can be used to teach at the senior undergraduate and graduate levels the material concentrates on fundamental theories as well as techniques and algorithms the advent of the internet and the world wide and more recently the emergence of cloud computing and streaming data applications has forced a renewal of interest in distributed and parallel data management while at the same time requiring a rethinking of some of the traditional techniques this book covers the breadth and depth of this re emerging field the coverage consists of two parts the first part discusses the fundamental principles of distributed data management and includes distribution design data integration distributed query processing and optimization distributed transaction management and replication the second part focuses on more advanced topics and includes discussion of parallel database systems distributed object management peer to peer data management web data management data stream systems and cloud computing new in this edition new chapters covering database replication database integration multidatabase query processing peer to peer data management and web data management coverage of emerging topics such as data streams and cloud computing extensive revisions and updates based on years of class testing and feedback ancillary teaching materials are available

Computational Science and Its Applications - ICCSA 2003 1991-04-30

the three volume set lncs 2667 lncs 2668 and lncs 2669 constitutes the refereed proceedings of the international conference on computational science and its applications iccsa 2003 held in montreal canada in may 2003 the three volumes present more than 300 papers and span the whole range of computational science from foundational issues in computer science and mathematics to advanced applications in virtually all sciences making use of computational techniques the proceedings give a unique account of

recent results in computational science

Advanced Information Systems Engineering 2009-12-31

proceedings

Strategic Advancements in Utilizing Data Mining and Warehousing Technologies: New Concepts and Developments 2003

this book presents and disseminates new concepts and developments in the areas of data warehousing and data mining in particular on the research trends shaped during the last few years provided by publisher

SSDBM 2003 1993-01-19

ssdbm 2003 brings together researchers practitioners and developers for the presentation and exchange of current research on concepts tools and techniques for scientific and statistical database applications this year s proceedings focuses on the priority themes of bioinformatics genomics biodiversity informatics including biological databases and geospatial and sensor databases

Advances In Database Research - Proceedings Of The 4th Australian Database Conference 2013-11-11

this proceedings contains the latest reports on research development and novel applications of database systems topics covered

include database design parallel and distributed databases storage structures integrity constraints deductive databases and theoretical aspects of databases

Achieving Quality in Software *2009-02-28*

software quality is a generalised statement difficult to agree or disagree with until a precise definition of the concept of software quality is reached in terms of measurable quantities unfortunately for the software technology the basic question of what to measure how to measure when to measure how to deal with the data obtained are still unanswered and are also closely dependant on the field of application in the past twenty years or more there have been a number of conferences and debates focusing on the concept of software quality which produced no real industrial impact recently however the implementation of a few generic standards iso 9000 ieee etc has produced and improved application of good practice principles at the industrial level as a graduate in physics i still believe it is a long way before the concept of software quality can be defined exactly and measured if ever this is way i think the aquis series of conferences is important its object begin to provide a platform for the transfer of technology and know how between academic industrial and research institutions in the field of software quality their objects are to provide a forum for the introduction and discussion of new research breakthroughs in software quality to provide professional software quality engineers with the necessary exposure to the results of current research to expose the research community to the problems of practical application of new results

Database Technologies: Concepts, Methodologies, Tools, and Applications *2009-07-31*

this reference expands the field of database technologies through four volumes of in depth advanced research articles from nearly 300 of the world s leading professionals provided by publisher

IT Outsourcing: Concepts, Methodologies, Tools, and Applications 1983

this book covers a wide range of topics involved in the outsourcing of information technology through state of the art collaborations of international field experts provided by publisher

Digest of Papers - Compton 1983

this authoritative directory has been expanded to cover 13 000 major companies and includes the contact names of more than 81 000 senior executives major companies and includes the contact names of more than 81 000 senior executives entries typically include company name address telephone and fax numbers e mail and addresses names of senior management and board members description of business activities brand names and trademarks subsidiaries and affiliates number of employees financial information for the last two years principal shareholders and private public status

Intellectual Leverage for the Information Society 2007

since the 1980s software agents and multi agent systems have grown into what is now one of the most active areas of research and development activity in computing generally one of the most important reasons for the current intensity of interest in the agent based computing paradigm certainly is that the concept of an agent as an autonomous system capable of interacting with other agents in order to satisfy its design objectives is a natural one for software designers this recognition has led to the growth of interest in agents as a new paradigm for software engineering this book reflects the state of the art in the field by presenting 14 revised full papers accepted for the second workshop on this topic aose 2001 together with five invited survey articles the book offers topical sections on societies and organizations protocols and interaction frameworks uml and agent systems agent oriented requirements capture and specification and analysis and design

Major Companies Asia 2007 SW Asia *2003-08-06*

the book presents the latest research ideas and topics on how to enhance current database systems improve information storage refine existing database models and develop advanced applications it provides insights into important developments in the field of database and database management with emphasis on theoretical issues regarding databases and database management the book describes the capabilities and features of new technologies and methodologies and addresses the needs of database researchers and practitioners note this book is part of a new series entitled advanced topics in database research this book is volume three within this series vol iii 2004

Agent-Oriented Software Engineering II 1994

Proceedings of Concurrent Engineering, Research and Applications ... Conference
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