Elmasri Navathe Fundamentals Of Database Systems 5th Edition

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Computer Systems and Software Engineering: Concepts, Methodologies, Tools, and Applications Information Management Association, Information Resources 2017-12-01 Professionals in the interdisciplinary field of computer science focus on the design, operation, and maintenance of computational systems and software. Methodologies and tools of engineering are utilized alongside computer applications to develop efficient and precise information databases. Computer Systems and Software Engineering: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and uses of various technology applications and examines the benefits and challenges of the computational developments. Highlighting a range of pertinent topics such as utility computing, computer security, and information systems applications, this multi-volume book is ideally designed for academicians, researchers, students, web designers, software developers, and practitioners interested in computer systems and software engineering.

Conceptual Modeling - ER 2007 Christine Parent 2007-10-15 This book constitutes the refereed proceedings of the 26th International Conference on Conceptual Modeling, ER 2007. Coverage in the papers includes data warehousing and data mining, design methodologies and tools, information and database integration, information modeling concepts and ontologies, integrity constraints, logical foundations of conceptual modeling, patterns and conceptual meta-modeling, semi-structured data and XML, as well as Web information systems and XML.

Intelligent Information and Database Systems Ngoc Thanh Nguyen 2011-04-16 The two-volume set LNAI 6591 and LNCS 6592 constitutes the refereed proceedings of the Third International Conference on Intelligent Information and Database Systems, ACIIDS 2011, held in Daegu, Korea, in April 2011. The 110 revised papers presented together with 2 keynote speeches were carefully reviewed and selected from 310 submissions. The papers are thematically divided into two volumes; the cover the following topics: intelligent database systems, data warehouses and data mining, natural language processing and computational linguistics, semantic Web, social networks and recommendation systems, technologies for intelligent information systems, collaborative systems and applications, e-business and e-commerce systems, e-learning systems, information modeling and requirements engineering, information retrieval systems, intelligent agents and multi-agent systems, intelligent information systems, intelligent internet systems, intelligent optimization techniques, object-relational DBMS, ontologies and knowledge sharing, semi-structured and XML database systems, unified modeling language and unified processes Web services and semantic Web, computer networks and communication systems.

Advances in Databases and Information Systems Barbara Catania 2010-09-09 This book constitutes the refereed proceedings of the 14th East European Conference on Advances in Databases and Information Systems, ADBIS 2010, held in Novi Sad, Serbia on September 20-24, 2010. The 36 revised full papers and 14 short papers were carefully selected from 165 submissions. Tolically the papers span a wide spectrum of topics in the database and information systems field, including database theory, advanced DBMS technologies, design methods, data mining and data warehousing, spatio-temporal and graph structured data and database applications.

Database Systems Elvis C. Foster 2022-09-26 This book provides a concise but comprehensive guide to the disciplines of database design, construction, implementation, and management. Based on the authors' professional experience in the software engineering and IT industries before making a career switch to academia, the text stresses sound database design as a necessary precursor to successful development and administration of database systems. The discipline of database systems des and management is discussed within the context of the bigger picture of software engineering. Students are led to understand from the outset of the text that a database is a critical component of a software infrastructure, and that proper database design and management is integral to the success of a software system. Additionally, students are led to appreciate the huge value of a properly designed database to the success of a business enterprise. The text was written for three target audienc It is suited for undergraduate students of computer science and related disciplines who are pursuing a course in database systems, graduate students who are pursuing an introductory course to database, and practicing software engineers and information technology (IT) professionals who need a quick reference on database design. Database Systems: A Pragmatic Approach, 3rd Edition discusses concepts, principles, design, implementation, and management issues related to database systems. Each chapter is organized into brief, reader-friendly, conversational sections with itemization of salient points to be remembered. This pragmatic approach includes adequate treatment of database theory and practice based on strategies tha have been tested, proven, and refined over several years. Features of the third edition include: Short paragraphs that express the salient aspects of each subject Bullet points itemizing important points for easy memorization Fully revised and updated diagrams and figures to illustrate concepts to enhance the student's understanding Real-world examples Original methodologies applicable to database design Step-by-step, student-friendly guidelines for solving generic database systems problems Opening chapter overviews and concluding chapter summaries Discussion of DBMS alternatives such as the Entity–Attributes–Value model, NoSQL databases, database-supporting frameworks, and other burgeoning database technologies A chapte with sample assignment questions and case studies This textbook may be used as a one-semester or two-semester course in database systems, augmented by a DBMS (preferably Oracle). After its usage, students will come away with a firm grasp o design, development, implementation, and management of a database system.

Securing Information and Communications Systems Steven Furnell 2008 This one-stop reference gives you the latest expertise on everything from access control and network security, to smart cards and privacy. Representing a total blueprint to security design and operations, this book brings all modern considerations into focus. It maps out user authentication methods that feature the latest biometric techniques, followed by authorization and access controls including DAC, MAC, and ABAC and how these controls are best applied in today OCOs relational and multilevel secure database systems."

Intelligent Systems: Concepts, Methodologies, Tools, and Applications Information Management Association, Information Resources 2018-06-04 Ongoing advancements in modern technology have led to significant developments in intelligent systems. With the numerous applications available, it becomes imperative to conduct research and make further progress in this field. Intelligent Systems: Concepts, Methodologies, Tools, and Applications contains a compendium of the latest academic material on the latest breakthroughs and recent progress in intelligent systems. Including innovative studies on information retrieval, artificial intelligence, and software engineering, this multi-volume book is an ideal source for researchers, professionals, academics, upper-level students, and practitioners interested in emerging perspectives in the field of intelligent systems.

Model-Driven Engineering of Information Systems Ionu Gabriel Cretu 2014-09-26 This title includes a number of Open Access chapters. Model-driven engineering (MDE) is the automatic production of software from simplified models of structure and functionality. It mainly involves the automation of the routine and technologically complex programming tasks, thus allowing developers to focus on the true value-adding functionality that the system needs to deliver. This book serves an overview of some of the core topics in MDE. The volume is broken into two sections offering a selection of papers that helps the reader not only understand the MDE principles and techniques, but also learn from practical examples. Also covered are the following topics: • MDE for software product lines • Formal methods for model transformation correctness • Metamodeling with Eclipse eCore • Metamodeling with UML profiles • Test cases generation This easily accessible reference volume offers a comprehensive guide to this rapidly expanding field. Edited by experienced writers with experience in both research and the practice of software engineering, Model-Driven Engineering of Information Systems: Principles, Techniques and Practice is an authoritative and easy-to-use reference, ideal for both researchers in the field and students who wish to gain an overview to this important field of study.

Innovations in Database Design, Web Applications, and Information Systems Management Shirley Ke 2012-09-30 New techniques and tools for database and database technologies are continuously being introduced. These technologies are the heart of many business information systems and can benefit from theories, models, and research results from other disciplines. Innovations in Database Design, Web Applications, and Information Systems Management presents ideal research in the areas database theory, systems design, ontologies, and many more. Including examples of the convergence of ideas from various disciplines aimed at improving and developing the theory of information technology and management of information resource this book is useful for researchers and practitioners in the IT field.

Database and XML Technologies Zohra Bellahsène 2009-08-20 Since its first edition in 2003, the XML Database Symposium series (XSym) has been a forum for academics, practitioners, users and vendors, allowing all to discuss the use of and synergy between database management systems and XML. The previous symposia have provided opportunities for timely discussions on a broad range of topics pertaining to the theory and practice of XML data management and its applications. XS 2009 continued this XSym tradition with a program consisting of 15 papers and a keynote shared with the 12th International Symposium on Database Programming Languages (DBPL 2009). We received 26 paper submissions, out of which eight papers were accepted as full papers, and seven as short/demo papers. Each submitted paper underwent a rigorous and careful review by four referees for long papers and three for the short ones. The contributions in these proceedings are a fine sample of the very best current - search in XML query processing, including full text, keyword and loosely structured queries, stream querying and joins, and materialized views. Among new theoretical advances we included work on a lambda-calculus model of XML and XPath, on m- ping from the enhanced entity-relationship conceptual model to the W3C XML Schema Language, on transactions, and extensions to XPath. Finally, work on data parallel algorithms, compression, and practical aspects of XQuery, including query forms and the use of Prolog are also part of this volume.

Hochleistungs-Transaktionssysteme Erhard Rahm 2013-03-08 Transaktionssysteme sind in der kommerziellen Datenverarbeitung weit verbreitet. Gerade wegen ihrer ökonomischen Bedeutung spielen zunehmend Leistungsanforderungen eine Rolle, die nur von sogenannten Hochleistungs-Transaktionssystemen erfüllt werden können. Das Buch zeigt, welche neueren Systementwicklungen bei Hochleistungs-Transaktionssystemen zu beachten sind. Die Darstellung konzentriert sich auf die Datenbankaspekte, insbesondere auch die von Mehrrechner-Systemen. Stets im Auge behalten wird, daß die grundlegenden Konzepte und Methoden dem Leser verständlich vermittelt werden. Das Buch richtet sich an Studenten, DB-Praktiker und Informatiker an Hochschulen und in der Industrie, die an dem State-of-the-Art und neueren Entwicklungen von Transaktions- und Datenbanksystemen interessiert sind.

eBook: Database Systems Concepts 6e Silberschatz 2010-06-16 eBook: Database Systems Concepts 6e

Handbook of Research on Innovations in Systems and Software Engineering Diazy, Vicente García 2014-08-31 Professionals in the interdisciplinary field of computer science focus on the design, operation, and maintenance of computational systems and software. Methodologies and tools of engineering are utilized alongside the technological advancements of computer applications to develop efficient and precise databases of information. The Handbook of Research on Innovations in Systems a Software Engineering combines relevant research from all facets of computer programming to provide a comprehensive look at the challenges and changes in the field. With information spanning topics such as design models, cloud computing, and security, this handbook is an essential reference source for academicians, researchers, practitioners, and students interested in the development and design of improved and effective technologies.

Computer Systems Performance Evaluation and Prediction Paul Fortier 2003-06-25 Table of contents

Database Management Systems in Engineering Katherine Morris 1994-02 Describes the new generation of database systems which support the evolutionary nature of the engineering environment by focusing on the temporal dimensions of data management.

Fundamentals of Database Systems, Global Edition Ramez Elmasri 2016-08-19 For database systems courses in Computer Science This book introduces the fundamental concepts necessary for designing, using, and implementing database systems and database applications. Our presentation stresses the fundamentals of database modeling and design, the languages and models provided by the database management systems, and database system implementation techniques. The book is me be used as a textbook for a one- or two-semester course in database systems at the junior, senior, or graduate level, and as a reference book. The goal is to provide an in-depth and up-to-date presentation of the most important aspects of database systems and applications, and related technologies. It is assumed that readers are familiar with elementary programming and data-structuring concepts and that they have had some exposure to the basics of computer organization.

Applications of Declarative Programming and Knowledge Management Dietmar Seipel 2009-04-22 knowledgewrappedinrules,databases,ortheWeballowsonetoexploreintere- ing hidden knowledge.Declarativetechniques for the transformation,deduction, induction, visualization, or querying of knowledge, or data mining techniques for exploring knowledge have the advantage of high transparency and better maintainability compared to procedural approaches.

An Introduction to Databases with Web Applications Martyn Prigmore 2007-11 Connecting databases to the world wide web is an increasingly important skill for computer scientists and MIS/BIS as the WWW breaks down the traditional barriers of information sharing across organisations, allowing this vital process to be done cheaply and efficiently. Traditional database books present database design with any material on web-applications being a tackled later, almost as an afterthought. Similarly, web-development books may gloss over databases in a single chapter on SQL. This book discusses database development but always in the context of the web. Thus it gives a genuine understanding of how to implement web databases ra than presenting one field and simply trying to 'bolt-on' the other afterwards. That said, it covers the core concepts of a traditional database design course and so offers the flexibility of learning database design separate from the web applications if desired. Scripting is covered first so that, should the reader want to get the web context from the start, they understand how their application will be implemented before trying to design it.

Handbook on Ontologies Steffen Staab 2010-03-14 An ontology is a formal description of concepts and relationships that can exist for a community of human and/or machine agents. The notion of ontologies is crucial for the purpose of enabling knowledge sharing and reuse. The Handbook on Ontologies provides a comprehensive overview of the current status and future prospectives of the field of ontologies considering ontology languages, ontology engineering methods, example ontologie infrastructures and technologies for ontologies, and how to bring this all into ontology-based infrastructures and applications that are among the best of their kind. The field of ontologies has tremendously developed and grown in the five years since the first edition of the "Handbook on Ontologies". Therefore, its revision includes 21 completely new chapters as well as a major re-working of 15 chapters transferred to this second edition.

Business Information Systems Witold Abramowicz 2012-05-17 This book contains the refereed proceedings of the 15th International Conference on Business Information Systems, BIS 2012, held in Vilnius, Lithuania, in May 2012. The 26 revised full papers were carefully reviewed and selected from 70 submissions. They are grouped into nine sessions on business process discovery, business process verification, service architectures, collaborative BIS, data management, Web search applicatio BIS in finance, decision support, and specific BIS issues. The volume is completed by an invited paper on "Information Systems and Business and Information Systems Engineering."

In-Memory Data Management Hasso Plattner 2012-05-14 This book examines for the first time, the ways that in-memory computing is changing the way businesses are run. The authors describe techniques that allow analytical and transactional processing at the speed of thought and enable new ways of doing business.

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.

Database and Applications Security Bhavani Thuraisingham 2005-05-26 This is the first book to provide an in-depth coverage of all the developments, issues and challenges in secure databases and applications. It provides directions for data and application security, including securing emerging applications such as bioinformatics, stream information processing and peer-to-peer computing. Divided into eight sections,

Integrated Management of Systems, Services, Processes and People Dealton Bartolini 2009-10-15 This volume of the Lecture Notes in Computer Science series contains all papers accepted for presentation at the 20th IFIP/IEEE International Workshop on Distributed Systems: Operations and Management (DSOM 2009), which was held in Venice, Italy, during October 27-28, 2009. DSOM 2009 was the 20th event in a series of annual workshops. It followed in the footsteps of previous successful meetings, the most recent of which were held on Samos, Greece (DSOM 2008), San Jos ? e, California, USA (DSOM 2007), Dublin, Ireland (DSOM 2006), Barcelona, Spain (DSOM 2005), and Davis, C- ifornia, USA (DSOM 2004). The goal of the DSOM workshops is to bring - gether researchersfromindustry andacademia workingin the areasofnetworks, systems, and service management, to discuss recent advances and foster future growth. In contrast to the larger management conferences, such as IM (Inter- tional Symposium on Integrated Network Management) and NOMS (Network OperationsandManagementSymposium),DSOMworkshopshaveasingle-track program in order to stimulate more intense interaction among participants.

Grundlagen von Datenbanksystemen Ramez Elmasri 2009

Information Systems Sheng Hsu 2013-01-25 This unique new textbook on Information Systems (IS) provides an answer to a few basic questions in the field: What is the scientific nature of IS? How do we design IS in today's connected world? What is the relationship between IS and innovation in knowledge economies? Whereas mainframe corporate computers tended to dominate the thinking in the 1980s, the dominating factor today is personal digital devices that connect the world as one whole IS. Network science is emerging to describe these digital connections (e.g., social networking), and service science is similarly emerging to describe service value networks. This book therefore synthesizes the emerging network science and service science with the classic IS theory, resulting in a new set of principles for IS strategic planning. It also reviews the standard IS topics of system analysis and database design, covering the whole spectrum of databases and all the major methods and techniques of database design. The role of IS as a technological innovation in the knowledge economy is also analyzed. In doing so, new concepts such as basic values of IS, systems of IS, sustainability of IS, IS as a service system, IS as a human v network, and the hyper-network model for innovation by IS, are developed.

Urban and Regional Data Management Alenka Krek 2009-06-02 Natural and human activities change the environment we are living in and consequently impact the quality of life. Analysing these dynamics leads to a better understanding of urban change and facilitates urban development. Research related to the management of urban data has a long tradition. Through the years a variety of challenging research questions has been investigated related to the collection, storage, use and visualisation of the data representing the urban phenomena in a computer-based environment. The Urban Data Management Symposium (UDMS) focuses on these issues since 1971. UDMS aims at providing a forum to discuss urban planning processes, exchange ideas, share information on available technology and demonstrate and promote successful information systems in local government. The focus is on urban, regional and rural issues. The UDMS 2009 annual addresses the following themes: 3D modelling, Spatial Data Infrastructures and databases, Risk and Disaster management, Environmental planning, analysis and e-government and Traffic and road monitoring. The book will be a useful source of information for urban data-related professionals, such as scholars, GIS engineers, geomatic professionals, photogrammetrists, land surveyors, mapping specialists, urban planners and researchers, as well as for postgraduate students and lecturers.

Softwaretechnik Thomas Grechenig 2010

Grundlagen der Computerlinguistik Roland R. Hausser 2013-03-07 Die zentrale Aufgabe einer zukunftsorientierten Computerlinguistik ist die Entwicklung kognitiver Maschinen, mit denen Menschen in ihrer jeweiligen Sprache frei reden können. Langfristig umfaßt diese Zielsetzung eine funktional ausgerichtete Theoriebildung, eine objektive Verifikationsmethode und eine Fülle praktischer Anwendungen. Für die natürlichsprachliche Kommunikation wird nicht nur Sprachverarbeitung, sondern auch nichtsprachliche Wahrnehmung und Handlung benötigt. Deshalb ist der Inhalt dieses Lehrbuchs als Sprachtheorie für die Konstruktion sprechender Roboter organisiert. Sein zentrales Thema ist die Kommunikationsmechanik natürliche Sprachen - beim Sprecher und beim Hörer. Der Inhalt ist in folgende vier Teile mit je sechs Kapiteln gegliedert: Sprachtheorie; Formale Grammatik; Morphologie und Syntax; Semantik und Pragmatik. Insgesamt 772 Übungsaufgaben dienen der Verständniskontrolle und -vertiefung.

Interoperable Database Systems (DS-5) D.K. Hsiao 2014-05-23 The proliferation of databases within organizations have made it imperative to allow effective sharing of information from these disparate database systems. In addition, it is desirable that the individual systems must maintain a certain degree of autonomy over their data in order to continue to provide for their existing applications and to support controlled access to their information. Thus it becomes necessary to develop new techniques and build new functionality to interoperate these autonomous database systems and to integrate them into an overall information system. Research into interoperable database systems has advanced substantially over recent years in response to this need. The papers presented in this volume cover a wide spectrum of both theoretical and pragmatic issues related to the semantics of interoperable database systems. Topics covered include techniques to support the translation between database schema and between database languages; object oriented frameworks for supporting interoperability of heterogeneous databases, knowledge base integration and techniques for overcoming schematic discrepancies in interoperab databases. In addition, there are papers addressing issues of security transaction processing, data modelling and object identification in interoperable database systems. It is hoped the publication will represent a valuable collective contribution to research and development in the field for database researchers, implementors, designers, application builders and users alike.

Semantic Web Information Management Roberto de Virgilio 2010-01-08 Databases have been designed to store large volumes of data and to provide efficient query interfaces. Semantic Web formats are geared towards capturing domain knowledge, interlinking annotations, and offering a high-level, machine-processable view of information. However, the gigantic amount of such useful information makes efficient management of it increasingly difficult, undermining the possibility of transforming it into useful knowledge. The research presented by De Virgilio, Giunchiglia and Tanca tries to bridge the two worlds in order to leverage the efficiency and scalability of database-oriented technologies to support an ontological high-level view of data and metadata. The contributions present and analyze techniques for semantic information management, by taking advantage of the synergies between the logical basis of the Semantic Web and the logical foundations of data management. The book leitmotif is to propose models and methods especially tailored to represent and manage data that is appropriately structured for easier machine processing on the Web. After two introductory chapters on data management and the Semantic Web in general, the remaining contributions are grouped into five parts on Semantic Web Data Storage, Reasoning in the Semantic Web, Semantic Web Data Querying, Semantic Web Applications, and Engineering Semantic Web Systems. The handbook-li presentation makes this volume an important reference on current work and a source of inspiration for future development, targeting academic and industrial researchers as well as graduate students in Semantic Web technologies or database design

Database Systems For Advanced Applications '95 - Proceedings Of The Fourth International Conference Masaru Kitsuregawa Yoshifumi 1995-03-31 This volume contains three keynote papers and 51 technical papers from contributors around the world on topics in the research and development of database systems, such as Data Modelling, Object-Oriented Databases, Active Databases, Data Mining, Heterogeneous Databases, Distributed Databases, Parallel Query Processing, Multi-Media Database Transaction Management Systems, Document Databases, Temporal Databases, Deductive Databases, User Interface, and Advanced Database Applications.

Computational Science - ICCS 2007 Yong Shi 2007-05-18 Part of a four-volume set, this book constitutes the refereed proceedings of the 7th International Conference on Computational Science, ICCS 2007, held in Beijing, China in May 2007. The papers cover a large volume of topics in computational science and related areas, from multiscale physics to wireless networks, and from graph theory to tools for program development.

Foundations of Intelligent Systems Lin Chen 2013-12-06 This book constitutes the proceedings of the 20th International Symposium on Methodologies for Intelligent Systems, ISMIS 2012, held in Macau, China, in December 2012. The 42 regular papers and 11 short papers presented were carefully reviewed and selected from 88 submissions. They are organized in topical sections named: knowledge discovery and data mining; intelligent information systems; text mining and language processing; knowledge representation and integration; music information retrieval; recommender systems; technology intelligence and applications; product configuration; human factors in information retrieval; social recommender systems; and warehousing and OLAPing complex, spatial and spatio-temporal data.

Patterns of Data Modeling Michael Blaha 2010-06-01 Best-selling author and database expert with more than 25 years of experience modeling application and enterprise data, Dr. Michael Blaha provides tried and tested data model patterns, to help readers avoid common modeling mistakes and unnecessary frustration on their way to building effective data models. Unlike the typical methodology book, Patterns of Data Modeling provides advanced techniques for those who have mastered the basics. Recognizing that database representation sets the path for software, determines its flexibility, affects its quality, and influences whether it succeeds or fails, the text focuses on databases rather than programming. It is one of the first books to apply the popular patterns perspective to database systems and data models. It offers practical advice on the core aspects of applications and provides authoritative coverage of mathematical templates, antipatterns, archetypes, identity, canonical models, and relational database design.

Multidimensional Databases and Data Warehousing Christian Jensen 2022-05-31 The present book's subject is multidimensional data models and data modeling concepts as they are applied in real data warehouses. The book aims to present the most important concepts within this subject in a precise and understandable manner. The book's coverage of fundamental concepts includes data cubes and their elements, such as dimensions, facts, and measures and their representation in a relational setting; it includes architecture-related concepts; and it includes the querying of multidimensional databases. The book also covers advanced multidimensional concepts that are considered to be particularly important. This coverage includes advanced dimension-related concepts such as slowly changing dimensions, degenerate and junk dimensions, outriggers, parent-child hierarchies, and unbalanced, non-covering, and non-strict hierarchies. The book offers a principled overview of key implementation techniques that are particularly important to multidimensional databases, including materialized views, bitmap indices, join indices, and star join processing. The book ends with a chapter that presents the literature on which the book is based and offers further readings for those readers who wish to engage in more in-depth study of specific aspects of the book's subject. Table of Contents: Introduction / Fundamental Concepts / Advanced Concepts / Implementation Issues / Furth Readings

Datenbanksysteme Thomas Connolly 2002

Conceptual Modeling - ER 2009 Alberto H. F. Laender 2009-11-09 Conceptual modeling has long been recognized as the primary means to enable software development in information systems and data engineering. Conceptual modeling provides languages, methods and tools to understand and represent the application domain; to elicit, conceptualize and formalize system requirements and user needs; to communicate systems designs to all stakeholders; and to formally verify and validate systems design on high levels of abstraction. Recently, ontologies added an important tool to conceptualize and formalize system specification. The International Conference on Conceptual Modeling – ER – provides the premiere forum for presenting and discussing current research and applications in which the major emphasis is centered on conceptual modeling. Topics of interest span the entire spectrum of conceptual modeling, including research and practice in areas such as theories of concepts and ontologies underlying conceptual modeling, methods and tools for developing and communicating conceptual models, and techniques for transforming conceptual models into effective implementations. The scientific program of ER 2009 features several activities running in parallel.

Model-Driven Domain Analysis and Software Development: Architectures and Functions Osis, Janis 2010-10-31 "This book displays how to effectively map and respond to the real-world challenges and purposes which software must solve, covering domains such as mechatronic, embedded and high risk systems, where failure could cost human lives"--Provided by publisher.

Database Systems For Advanced Applications '97 - Proceedings Of The 5th International Conference On Database Systems For Advanced Applications Rodney Topor 1997-03-15 This volume contains the proceedings of the Fifth International Conference on Database Systems for Advanced Applications (DASFAA '97). DASFAA '97 focused on advanced database technologies and their applications. The 55 papers in this volume cover a wide range of areas in the field of database systems applications - including the rapidly emerging areas of the Internet, multimedia, and document database systems - and should be of great interest to all database system researchers and developers, and practitioners.