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**SQL Cookbook Anthony Molinaro 2006** A guide to SQL covers such topics as retrieving records, metadata queries, working with strings, data arithmetic, date manipulation, reporting and warehousing, and hierarchical queries.

**Future Data and Security Engineering Tran Khanh Dang 2020-11-19** This book constitutes the proceedings of the 7th International Conference on Future Data and Security Engineering, FDSE 2020, which was supposed to be held in Quy Nhon, Vietnam, in November 2020, but the conference was held virtually due to the COVID-19 pandemic. The 24 full papers (of 53 accepted full papers) presented together with 2 invited keynotes were carefully reviewed and selected from 161 submissions. The other 29 accepted full and 8 short papers are included in CCIS 1306. The selected papers are organized into the following topical headings: security issues in big data; big data analytics and distributed systems; advances in big data query processing and optimization; blockchain and applications; industry 4.0 and smart city: data analytics and security; advanced studies in machine learning for security; and emerging data management systems and applications.

**Computerworld 2004-09-13** For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

**SQL Server 2005 T-SQL Recipes Joseph Sack 2006-11-10** \* Comprehensive T-SQL Coverage, including all SQL Server 2005 new features, from an established SQL Server expert and author. \* Broad appeal, with practical 'How to' answers to common SQL Server T-SQL questions for both novice and advanced DBAs and developers. \* Unique, easy-reference format – ideal for preparing for a SQL Server job interview, or for a SQL Server certification test

**Recent Trends in Computer Applications Jihad Mohamad Alja'am 2018-11-19** This edited volume presents the best chapters presented during the international conference on computer and applications ICCA'17 which was held in Dubai, United Arab Emirates in September 2017. Selected chapters present new advances in digital information, communications and multimedia. Authors from different countries show and discuss their findings, propose new approaches, compare them with the existing ones and include recommendations. They address all applications of computing including (but not limited to) connected health, information security, assistive technology, edutainment and serious games, education, grid computing, transportation, social computing, natural language processing, knowledge extraction and reasoning, Arabic apps, image and pattern processing, virtual reality, cloud computing, haptics, information security, robotics, networks algorithms, web engineering, big data analytics, ontology, constraints satisfaction, cryptography and steganography, Fuzzy logic, soft computing, neural networks, artificial intelligence, biometry and bio-informatics, embedded systems, computer graphics, algorithms and optimization, Internet of things and smart cities. The book can be used by researchers and practitioners to discover the recent trends in computer applications. It opens a new horizon for research discovery works locally and internationally.

**Multi-Project Management with a Multi-Skilled Workforce Matthias Walter 2014-11-21** This book covers three fundamental problems at the interface of multi-project management and human resource management: the selection of projects, the composition of small project teams, and workload leveling. Matthias Walter proposes optimization models and solution methods for these problems, assuming multi-skilled workers with heterogeneous skill levels. For the first time, the author presents exact and heuristic methods that support

managers to form small teams. Additionally, he outlines a new skill chaining strategy that increases workforce flexibility.

**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).

**Learning Spark** Jules S. Damji 2020-07-16 Data is bigger, arrives faster, and comes in a variety of formats—and it all needs to be processed at scale for analytics or machine learning. But how can you process such varied workloads efficiently? Enter Apache Spark. Updated to include Spark 3.0, this second edition shows data engineers and data scientists why structure and unification in Spark matters. Specifically, this book explains how to perform simple and complex data analytics and employ machine learning algorithms. Through step-by-step walk-throughs, code snippets, and notebooks, you'll be able to: Learn Python, SQL, Scala, or Java high-level Structured APIs Understand Spark operations and SQL Engine Inspect, tune, and debug Spark operations with Spark configurations and Spark UI Connect to data sources: JSON, Parquet, CSV, Avro, ORC, Hive, S3, or Kafka Perform analytics on batch and streaming data using Structured Streaming Build reliable data pipelines with open source Delta Lake and Spark Develop machine learning pipelines with MLlib and productionize models using MLflow

**Learning SQL & T-SQL Programming in SQL Server** Rully Yulian MF 2021-05-31 This book is one of the many sources that are spread outside to learn SQL and T-SQL programming in SQL Server databases that are compiled by focusing on the practice directly and based on the author's teaching experience during this time, so that readers are expected to better understand the concepts and practices of programming in SQL Server databases. By the time this book is written the SQL Server database has already reached version 2019, therefore this book is based on that version for use in Windows operating systems. Discussion in this book starts from the basic to intermediate level, so it is expected that after studying it the reader will have strong programming skills to build database solutions with SQL and TSQL in SQL Server. Hopefully this book can be another alternative as a learning resource for exercises, tutorials, or references for those who want to learn SQL and T-SQL programming in SQL Server database.

**Technology Supporting Business Solutions** Rafael Corchuelo 2003 The explosive growth of the Internet and the web have created an ever-growing demand for web-based information systems, and ever-growing challenges for Information Systems Engineering. Some of them include the emerging web services technology, database technologies and application integration, as well as data analysis and knowledge discovery. This book is a showcase of recent, significant advances in web-based information systems as well as data integration and analysis. It provides an overview of various technologies used for building innovative information systems applied to real business solutions. It includes eight chapters that are divided into five parts, namely: web services, database technologies, data and application integration, data analysis and knowledge discovery, and recommended bibliography. The material presented in these chapters will help the reader have an overall idea of the research that is being carried out in universities and companies to develop today's innovative business solutions. Contents: Preface; Web Services; Web Services Technologies for Outsourcing; Conceptual Modelling with Dynamic Object Roles; Temporal Versioning in Data Warehouse; Missing Inform

**Beginning PL/SQL** Donald Bales 2007-10-18 Beginning PL/SQL is a fast-paced and blissfully short introduction to Oracle's PL/SQL language. PL/SQL is the built-in language that every Oracle developer and database administrator simply must know. The book shows readers how to apply object-oriented PL/SQL to production applications. No other book on PL/SQL does this. It gives the reader practical advice on what works and what doesn't, and advises on the performance tradeoffs between doing work in SQL versus in PL/SQL. This book gets readers up-to-speed on the core of the language without wasting time on esoteric and seldom used syntax.

**PHP Solutions** David Powers 2011-05-30 This is the second edition of David Powers' highly-respected PHP Solutions: Dynamic Web Design Made Easy. This new edition has been updated by David to incorporate changes to PHP since the first edition and to offer the latest techniques—a classic guide modernized for 21st century PHP techniques, innovations, and best practices. You want to make your websites more dynamic by adding a feedback form, creating a private area where members can upload images that are automatically resized, or perhaps storing all your content in a database. The problem is, you're not a programmer and the thought of writing code sends a chill up your spine. Or maybe you've dabbled a bit in PHP and MySQL, but you can't get past baby steps. If this describes you, then you've just found the right book. PHP and the MySQL database are deservedly the most popular combination for creating dynamic websites. They're free, easy to use, and provided by many web hosting companies in their standard packages. Unfortunately, most PHP books either expect you to be an expert already or force you to go through endless exercises of little practical value. In contrast, this book gives you real value right away through a series of practical examples that you can incorporate directly into your sites, optimizing performance and adding functionality such as file uploading, email feedback forms, image galleries, content management systems, and much more. Each solution is created with

not only functionality in mind, but also visual design. But this book doesn't just provide a collection of ready-made scripts: each PHP Solution builds on what's gone before, teaching you the basics of PHP and database design quickly and painlessly. By the end of the book, you'll have the confidence to start writing your own scripts or—if you prefer to leave that task to others—to adapt existing scripts to your own requirements. Right from the start, you're shown how easy it is to protect your sites by adopting secure coding practices.

**MCSE SQL Server 2000 Database Design and Implementation** Thomas Moore 2003 MCAD/MCSD/MCSE Training Guide (70-229): SQL Server 2000 Database Design and Implementation is the perfect study guide to help you pass the 70-229 exam, which is an elective for the MCSD, MCAD, MCDBA, and MCSE programs. If you are preparing for this exam, you'll find our Training Guide to be the most effective self-study tool in the market! This book is your one-stop shop because of its teaching methodology, the accompanying PrepLogic testing software, and superior Web site support at [www.examcram.com](http://www.examcram.com). The book follows the exam objectives and features numerous exercises to give you hands-on opportunities, exam tips that give you advice for test day, and warnings that alert you to possible mistakes. The Fast Facts section condenses the most important information for last-minute review, and the practice exam is representative of the actual exam. Each book in the Training Guide series is published under the direction of Series Editor Ed Tittel, the leading authority on IT certification. This book has been subjected to rigorous technical review by a team of industry experts, ensuring content is superior in both coverage and technical accuracy, and has earned the distinction of Cramsession Approved Study Material. The CD features PrepLogic Practice Tests, Preview Edition. This product includes one complete PrepLogic Practice Test with approximately the same number of questions found on the actual vendor exam. Each question contains full, detailed explanations of the correct and incorrect answers. The engine offers two study modes, Practice Test and Flash Review, full exam customization, and a detailed score report.

**Learning SQL** Alan Beaulieu 2009-04-11 Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will:  
Move quickly through SQL basics and learn several advanced features  
Use SQL data statements to generate, manipulate, and retrieve data  
Create database objects, such as tables, indexes, and constraints, using SQL schema statements  
Learn how data sets interact with queries, and understand the importance of subqueries  
Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements  
Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

**Beginning Oracle PL/SQL** Donald Bales 2015-05-08 Beginning Oracle PL/SQL gets you started in using the built-in language that every Oracle developer and database administrator must know. Oracle Database is chock-full of built-in application features that are free for the using, and PL/SQL is your ticket to learning about and using those features from your own code. With it, you can centralize business logic in the database, you can offload application logic, and you can automate database- and application-administration tasks. Author Don Bales provides in Beginning Oracle PL/SQL a fast-paced and example-filled tutorial. Learn from Don's extensive experience to discover the most commonly used aspects of PL/SQL, without wasting time on obscure and obsolete features. The author takes his 20+ years of experience and a wealth of statistics he's gathered on PL/SQL usage over those years and applies the 80/20 rule: cover what's most needed and used by PL/SQL professionals and avoid what's not necessary! The result is a book that covers all the key features of PL/SQL without wasting your time discussing esoteric and obsolete parts of the language. Learn what really matters, so that you can get to work feeling confident with what you know about PL/SQL. Covers the key topics that matter, including variables and datatypes, executing statements, working with cursors, bulk operations, real-world objects, debugging, testing, and more. Teaches you to write production-level, object-oriented PL/SQL. You'll explore relational PL/SQL, but unlike most other books on the subject, this one emphasizes the use of PL/SQL's object-oriented features as well. Guides you in working through real examples of using of PL/SQL. You'll learn PL/SQL by applying it to real-world business problems, not by heavy theory.

**MySQL Cookbook** Paul DuBois 2003 DuBois organizes his cookbook's recipes into sections on the problem, the solution stated simply, and the solution implemented in code and discussed. The implementation and discussion sections are the most valuable, as they contain the command sequences, code listings, and design explanations that can be transferred to outside projects.

**SQL and Relational Theory** C.J. Date 2015-11-06 Annotation C.J. Date, one of the key researchers in the field of relational databases, explains in this book the best practices of database coding, with clear explanations of the reasoning behind them. Common advice (such as avoiding NULLs) and not-so-common advices (such as avoiding duplicate records) are laid out in a clear manner.

**Applications of Databases** Witold Litwin 2006-01-21 This volume presents the proceedings of the First

International Conference on Applications of Databases, ADB-94, held at Vadstena, Sweden in June 1994. ADB-94 provided a unique platform for the discussion of innovative applications of databases among database researchers, developers and application designers. The 28 refereed papers were carefully selected from more than 100 submissions. They report on DB applications, for example in air traffic, modelling, maps, environment, finance, engineering, electronic publishing, and digital libraries, and they are devoted to advanced database services, as for example image text and multimedia modelling, fuzzy set based querying, knowledge management, heterogeneous multidatabase management, and intelligent networks.

Information Security Management Handbook on CD-ROM, 2006 Edition Micki Krause 2006-04-06 The need for information security management has never been greater. With constantly changing technology, external intrusions, and internal thefts of data, information security officers face threats at every turn. The Information Security Management Handbook on CD-ROM, 2006 Edition is now available. Containing the complete contents of the Information Security Management Handbook, this is a resource that is portable, linked and searchable by keyword. In addition to an electronic version of the most comprehensive resource for information security management, this CD-ROM contains an extra volume's worth of information that is not found anywhere else, including chapters from other security and networking books that have never appeared in the print editions. Exportable text and hard copies are available at the click of a mouse. The Handbook's numerous authors present the ten domains of the Information Security Common Body of Knowledge (CBK) ®. The CD-ROM serves as an everyday reference for information security practitioners and an important tool for any one preparing for the Certified Information System Security Professional (CISSP) ® examination. New content to this Edition: Sensitive/Critical Data Access Controls Role-Based Access Control Smartcards A Guide to Evaluating Tokens Identity Management-Benefits and Challenges An Examination of Firewall Architectures The Five "W's" and Designing a Secure Identity Based Self-Defending Network Maintaining Network Security-Availability via Intelligent Agents PBX Firewalls: Closing the Back Door Voice over WLAN Spam Wars: How to Deal with Junk E-Mail Auditing the Telephony System: Defenses against Communications Security Breaches and Toll Fraud The "Controls" Matrix Information Security Governance

PHP Object-Oriented Solutions David Powers 2008-09-24 With the surge of popularity of PHP 5, object-oriented programming is now an important consideration for PHP developers. This version-neutral book is a gentle introduction to object-oriented programming (OOP) that won't overburden you with complex theory. It teaches you the essential basics of OOP that you'll need to know before moving onto a more advanced level, and includes a series of prepackaged scripts that you can incorporate into your existing sites with the minimum of effort. It shows how object-oriented programming can be used to create reusable and portable code by walking you through a series of simple projects. The projects feature the sorts of things developers run up against every day, and include a validator for filtering user input, a simple Date class that avoids the need to remember all the esoteric format codes in PHP, and an XML generator. Teaches the fundamentals of OOP Simple projects show how OOP concepts work in the real world Prepackaged scripts can easily be added to your own projects Teaching Geographic Information Science and Technology in Higher Education David Unwin 2011-11-29 Geographic Information Science and Technology (GISc&T) has been at the forefront of education innovation in geography and allied sciences for two decades. Teaching Geographic Information Science and Technology in Higher Education is an invaluable reference for educators and researchers working in GISc&T, providing coverage of the latest innovations in the field and discussion of what the future holds for GI Science education in the years to come. This book clearly documents teaching innovations and takes stock of lessons learned from experience in the discipline. The content will be of interest both to educators and researchers working in GISc&T, and to educators in other related fields. More importantly, this book also anticipates some of the opportunities and challenges in GI Science and Technology education that may arise in the next decade. As such it will be of interest to chairs, deans, administrators, faculty in other subfields, and educators in general. Innovative book taking a look at recent innovations and teaching developments in the course provision of GI Science and Technology in higher education. Edited by leaders in the field of GISc&T who have been at the forefront of education innovation in GI Science and allied science subjects. Provides coverage of GISc & Technology in a range of institutional settings from an international perspective at all levels of higher education. An invaluable text for all educators within the field of GISc&T and allied subjects with advice from experts in the field on best practice. Includes coverage and practical advice on curriculum design, teaching with GIS technology, distance and eLearning with global examples from leading academics in the field.

Beginning SQL Server 2005 Express Database Applications with Visual Basic Express and Visual Web Developer Express Rick Dobson 2006-11-22 \* First book to demonstrate the full Express Suite of tools to the point where the reader can develop effective, low-budget database applications for non-profit web sites or for commercial tactical solutions. \* Will capture the wave of application developers migrating from traditional VB/Access database to the .NET approach. \* Full cases studies showing how to build e-Commerce and Web applications. \* Readers will gain a sufficient grasp of the SQL Server and .NET fundamentals that they can

readily grow their skills for clients whose needs escalate over time.

**Model Driven Engineering Languages and Systems** Dorina C. Petriu 2010-09-21 The MODELS series of conferences is the premier venue for the exchange of -novative technical ideas and experiences focusing on a very important new technical discipline: model-driven software and systems engineering. The expansion of this discipline is a direct consequence of the increasing significance and success of model-based methods in practice. Numerous efforts resulted in the invention of concepts, languages and tools for the definition, analysis, transformation, and verification of domain-specific modeling languages and general-purpose modeling language standards, as well as their use for software and systems engineering. MODELS 2010, the 13th edition of the conference series, took place in Oslo, Norway, October 3-8, 2010, along with numerous satellite workshops, symposia and tutorials. The conference was fortunate to have three prominent keynote speakers: Ole Lehrmann Madsen (Aarhus University, Denmark), Edward A. Lee (UC Berkeley, USA) and Pamela Zave (AT&T Laboratories, USA). To provide a broader forum for reporting on scientific progress as well as on experience stemming from practical applications of model-based methods, the 2010 conference accepted submissions in two distinct tracks: Foundations and Applications. The primary objective of the first track is to present new research results dedicated to advancing the state-of-the-art of the discipline, whereas the second aims to provide a realistic and verifiable picture of the current state-- the practice of model-based engineering, so that the broader community could be better informed of the capabilities and successes of this relatively young discipline. This volume contains the final version of the papers accepted for presentation at the conference from both tracks.

**T-SQL Querying** Itzik Ben-Gan 2015-02-17 T-SQL insiders help you tackle your toughest queries and query-tuning problems Squeeze maximum performance and efficiency from every T-SQL query you write or tune. Four leading experts take an in-depth look at T-SQL's internal architecture and offer advanced practical techniques for optimizing response time and resource usage. Emphasizing a correct understanding of the language and its foundations, the authors present unique solutions they have spent years developing and refining. All code and techniques are fully updated to reflect new T-SQL enhancements in Microsoft SQL Server 2014 and SQL Server 2012. Write faster, more efficient T-SQL code: Move from procedural programming to the language of sets and logic Master an efficient top-down tuning methodology Assess algorithmic complexity to predict performance Compare data aggregation techniques, including new grouping sets Efficiently perform data-analysis calculations Make the most of T-SQL's optimized bulk import tools Avoid date/time pitfalls that lead to buggy, poorly performing code Create optimized BI statistical queries without additional software Use programmable objects to accelerate queries Unlock major performance improvements with In-Memory OLTP Master useful and elegant approaches to manipulating graphs About This Book For experienced T-SQL practitioners Includes coverage updated from Inside Microsoft SQL Server 2008 T-SQL Querying and Inside Microsoft SQL Server 2008 T-SQL Programming Valuable to developers, DBAs, BI professionals, and data scientists Covers many MCSE 70-464 and MCSA/MCSE 70-461 exam topics

**Database in Depth** C.J. Date 2005-05-05 This book sheds light on the principles behind the relational model, which is fundamental to all database-backed applications--and, consequently, most of the work that goes on in the computing world today. Database in Depth: The Relational Model for Practitioners goes beyond the hype and gets to the heart of how relational databases actually work. Ideal for experienced database developers and designers, this concise guide gives you a clear view of the technology--a view that's not influenced by any vendor or product. Featuring an extensive set of exercises, it will help you: understand why and how the relational model is still directly relevant to modern database technology (and will remain so for the foreseeable future) see why and how the SQL standard is seriously deficient use the best current theoretical knowledge in the design of their databases and database applications make informed decisions in their daily database professional activities Database in Depth will appeal not only to database developers and designers, but also to a diverse field of professionals and academics, including database administrators (DBAs), information modelers, database consultants, and more. Virtually everyone who deals with relational databases should have at least a passing understanding of the fundamentals of working with relational models. Author C.J. Date has been involved with the relational model from its earliest days. An exceptionally clear-thinking writer, Date lays out principle and theory in a manner that is easily understood. Few others can speak as authoritatively the topic of relational databases as Date can.

**Recent Advances in Information Systems and Technologies** Álvaro Rocha 2017-03-27 This book presents a selection of papers from the 2017 World Conference on Information Systems and Technologies (WorldCIST'17), held between the 11st and 13th of April 2017 at Porto Santo Island, Madeira, Portugal. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges involved in modern Information Systems and Technologies research, together with technological developments and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Software and Systems Modeling; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer

Networks, Mobility and Pervasive Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Human–Computer Interaction; Ethics, Computers & Security; Health Informatics; Information Technologies in Education; and Information Technologies in Radiocommunications.

Database and Expert Systems Applications Dimitris Karagiannis 2013-11-11 The Database and Expert Systems Applications - DEXA - conferences are dedicated to providing an international forum for the presentation of applications in the database and expert systems field, for the exchange of ideas and experiences, and for defining requirements for the future systems in these fields. After the very promising DEXA 90 in Vienna, Austria, we hope to have successfully established with this year's DEXA 91 a stage where scientists from diverse fields interested in application-oriented research can present and discuss their work. This year there was a total of more than 250 submitted papers from 28 different countries, in all continents. Only 98 of the papers could be accepted. The collection of papers in these proceedings offers a cross-section of the issues facing the area of databases and expert systems, i.e., topics of basic research interest on one hand and questions occurring when developing applications on the other. Major credit for the success of the conference goes to all of our colleagues who submitted papers for consideration and to those who have organized and chaired the panel sessions. Many persons contributed numerous hours to organize this conference. The names of most of them will appear on the following pages. In particular we wish to thank the Organization Committee Chairmen Johann Gordesch, A Min Tjoa, and Roland Wagner, who also helped establishing the program. Special thanks also go to Gabriella Wagner and Anke Ruckert. Dimitris Karagiannis General Conference Chairman Contents Conference Committee.

Instructional Models in Computer-Based Learning Environments Sanne Dijkstra 2013-11-11 In the last decade there have been rapid developments in the field of computer-based learning environments. A whole new generation of computer-based learning environments has appeared, requiring new approaches to design and development. One main feature of current systems is that they distinguish different knowledge bases that are assumed to be necessary to support learning processes. Current computer-based learning environments often require explicit representations of large bodies of knowledge, including knowledge of instruction. This book focuses on instructional models as explicit, potentially implementable representations of knowledge concerning one or more aspects of instruction. The book has three parts, relating to different aspects of the knowledge that should be made explicit in instructional models: knowledge of instructional planning, knowledge of instructional strategies, and knowledge of instructional control. The book is based on a NATO Advanced Research Workshop held at the University of Twente, The Netherlands in July 1991.

Advances in Databases and Information Systems Johann Eder 2011-09-15 This book constitutes the refereed proceedings of the 15th International Conference on Advances in Databases and Information Systems, ADBIS 2011, held in Vienna, Austria, in September 2011. The 30 revised full papers presented together with 2 full length invited talks were carefully reviewed and selected from 105 submissions. They are organized in topical sections on query processing; data warehousing; DB systems; spatial data; information systems; physical DB design; evolution, integrity, security; and data semantics.

Computer Aided Verification Rupak Majumdar 2017-07-11 The two-volume set LNCS 10426 and LNCS 10427 constitutes the refereed proceedings of the 29th International Conference on Computer Aided Verification, CAV 2017, held in Heidelberg, Germany, in July 2017. The total of 50 full and 7 short papers presented together with 5 keynotes and tutorials in the proceedings was carefully reviewed and selected from 191 submissions. The CAV conference series is dedicated to the advancement of the theory and practice of computer-aided formal analysis of hardware and software systems. The conference covers the spectrum from theoretical results to concrete applications, with an emphasis on practical verification tools and the algorithms and techniques that are needed for their implementation.

Pharmacoinformatics and Drug Discovery Technologies: Theories and Applications Gasmelseid, Tagelsir Mohamed 2012-03-31 Within the context of integrated health management domains, pharmacoinformatics aims at maximizing the benefits from the use of information systems and technologies for the provision of decision support tools necessary for improved drug management, use, and administration practices. Pharmacoinformatics and Drug Discovery Technologies: Theories and Applications offers the latest the field has to offer to practitioners and academics alike, presented through theoretical frameworks, case studies, and future directions. This vital resource gathers an integrated pattern of high quality publications from around the world providing current, cutting-edge, and provocative scientific work in the three domains of pharmacoinformatics: decision making domains, knowledge utilization and representation environment, and the technological and infrastructural context.

Information and Software Technologies Giedre Dregvaite 2016-09-29 This book constitutes the refereed proceedings of the 22nd International Conference on Information and Software Technologies, ICIST 2016, held in Druskininkai, Lithuania, in October 2016. The 61 papers presented were carefully reviewed and selected from 158 submissions. The papers are organized in topical sections on information systems; business intelligence for information and software systems; software engineering; information technology applications.

Database Machines Haran Boral 1989 This volume contains 24 papers presented at the Sixth International

Workshop on Database Machines. The papers cover a wide spectrum of topics including: system architectures, storage structures, associative memory architectures, memory resident systems, deduction and retrospectives on maturing projects. The nature of the papers is highly technical and presumes knowledge of database management systems and familiarity with database machines. The book is representative of the dual trend in the field towards (1) search for new functionality and (2) attention to detail, completeness and performance of prototype implementations.

The Semantic Web: Research and Applications Elena Simperl 2012-05-24 This book constitutes the refereed proceedings of the 9th Extended Semantic Web Conference, ESWC 2012, held in Heraklion, Crete, Greece, in May 2012. The 53 revised full papers presented were carefully reviewed and selected from 212 submissions. They are organized in tracks on linked open data, machine learning, natural language processing and information retrieval, ontologies, reasoning, semantic data management, services, processes, and cloud computing, social Web and Web science, in-use and industrial, digital libraries and cultural heritage, and e-government. The book also includes 13 PhD papers presented at the PhD Symposium.

Object-Oriented Information Systems Zohra Bellahsene 2003-08-02 This book constitutes the refereed proceedings of the 8th International Conference on Object-Oriented Information Systems, OOIS 2002, held in Montpellier, France, in September 2002. The 34 revised full papers and 17 short papers presented were carefully reviewed and selected from 116 submissions. The papers are organized in topical sections on developing web services, object databases, XML and web, component and ontology, UML modeling, object modeling and information systems adaptation, e-business models and workflow, performance and method evaluation, programming and tests, software engineering metrics, web-based information systems, architecture and Corba, and roles and evolvable objects.

Refactoring SQL Applications Stephane Faroult 2008-08-22 What can you do when database performance doesn't meet expectations? Before you turn to expensive hardware upgrades to solve the problem, reach for this book. Refactoring SQL Applications provides a set of tested options for making code modifications to dramatically improve the way your database applications function. Backed by real-world examples, you'll find quick fixes for simple problems, in-depth answers for more complex situations, and complete solutions for applications with extensive problems. Learn to: Determine if and where you can expect performance gains Apply quick fixes, such as limiting calls to the database in stored functions and procedures Refactor tasks, such as replacing application code by a stored procedure, or replacing iterative, procedural statements with sweeping SQL statements Refactor flow by increasing parallelism and switching business-induced processing from synchronous to asynchronous Refactor design using schema extensions, regular views, materialized views, partitioning, and more Compare before and after versions of a program to ensure you get the same results once you make modifications Refactoring SQL Applications teaches you to recognize and assess code that needs refactoring, and to understand the crucial link between refactoring and performance. If and when your application bogs down, this book will help you get it back up to speed.

Teaching and Learning in a Digital World Michael E. Auer 2018-02-09 This book gathers the Proceedings of the 20th International Conference on Interactive Collaborative Learning (ICL2017), held in Budapest, Hungary on 27–29 September 2017. The authors are currently witnessing a significant transformation in the development of education. The impact of globalisation on all areas of human life, the exponential acceleration of technological developments and global markets, and the need for flexibility and agility are essential and challenging elements of this process that have to be tackled in general, but especially in engineering education. To face these current real-world challenges, higher education has to find innovative ways to quickly respond to them. Since its inception in 1998, this conference has been devoted to new approaches in learning with a focus on collaborative learning. Today the ICL conferences offer a forum for exchange concerning relevant trends and research results, and for sharing practical experience gained while developing and testing elements of new technologies and pedagogies in the learning context.

Advanced Information Systems Engineering Workshops Xavier Franch 2013-06-20 This book constitutes the thoroughly refereed proceedings of eight international workshops held in Valencia, Spain, in conjunction with the 25th International Conference on Advanced Information Systems Engineering, CAiSE 2013, in June 2013. The 36 full and 12 short papers have undertaken a high-quality and selective acceptance policy, resulting in acceptance rates of up to 50% for full research papers. The eight workshops were Approaches for Enterprise Engineering Research (AppEER), International Workshop on BUSiness/IT ALignment and Interoperability (BUSITAL), International Workshop on Cognitive Aspects of Information Systems Engineering (COGNISE), Workshop on Human-Centric Information Systems (HC-IS), Next Generation Enterprise and Business Innovation Systems (NGEBIS), International Workshop on Ontologies and Conceptual Modeling (OntoCom), International Workshop on Variability Support in Information Systems (VarIS), International Workshop on Information Systems Security Engineering (WISSE).

Secure Data Management Willem Jonker 2009-08-31 The new emerging technologies put new requirements on security and data management. As data are accessible anytime anywhere, it becomes much easier to get

unauthorized data access. Furthermore, the use of new technologies has brought some privacy concerns. It becomes simpler to collect, store, and search personal information thereby endangering people's privacy. Therefore, research in secure data management is gaining importance, attracting the attention of both the data management and the security research communities. The interesting problems range from traditional topics, such as access control and general database security, via privacy protection to new research directions, such as cryptographically enforced access control and encrypted databases. This year, the call for papers attracted 24 papers both from universities and industry. For presentation at the workshop, the Program Committee selected 10 full papers (41% acceptance rate). These papers are collected in this volume, which we hope will serve as a useful research and reference material. The papers in the proceeding are grouped into three sections. The first section focuses on database security which remains an important research area. The papers in this section address several interesting topics including query optimization in encrypted databases, database provenance, database intrusion detection, and confidence policy compliant query evaluation. The second section changes the focal point to the topic of access control. The papers in this section deal with provenance access control, access control model for collaborative editors, self-modifying access control policies, and enforcing access control on XML documents. The third section focuses on privacy protection addressing the privacy issues around location-based services and anonymity/diversity for the micro-data release problem.

Advances in Databases and Information Systems Barbara Catania 2013-08-13 This book constitutes the thoroughly refereed proceedings of the 17th East-European Conference on Advances in Databases and Information Systems, ADBIS 2013, held in Genoa, Italy, in September 2013. The 26 revised full papers presented together with three invited papers were carefully selected and reviewed from 92 submissions. The papers are organized in topical sections on ontologies; indexing; data mining; OLAP; XML data processing; querying; similarity search; GPU; querying in parallel architectures; performance evaluation; distributed architectures.