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Database Principles IGI Global

This book constitutes the refereed conference proceedings of the 12th IFIP WG 6.11 Conference on e-Business, e-Services and e-Society, I3E 2013, held in Athens, Greece, in April 2013. The 25 revised papers presented together with a keynote speech were carefully reviewed and selected from

numerous submissions. They are organized in the following topical sections: trust and privacy; security, access control and legal requirements in cloud systems; protocols, regulation and social networking; adoption issues in e/m-services; new services adoption and ecological behavior; knowledge management and business processes; and management, policies and technologies in e/m-services.

Introduction to Computational Earthquake Engineering

Springer Science & Business Media

"This book discusses the considerations and implications surrounding the outsourcing and offshoring of professional services, such as

software development computer-aided design, and healthcare, from multiple global perspectives. This book, offers industry professionals, policymakers, students, and educators with a balance between a broad overview and detailed analysis of offshore outsourcing, would make an invaluable addition to any reference library"--Provided by publisher.

Business Optimization in a Global Economy Elsevier

This database design book provides the reader with a unique methodology for the conceptual and logical design

of databases. A step-by-step method is given for developing a conceptual structure for large databases with multiple users. Additionally, the authors provide an up-to-date survey and analysis of existing database design tools.

Fundamentals of Database Systems
Emerald Group Publishing

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.

Transactional Information Systems Springer Science & Business Media

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.

Processing and Managing Complex Data for Decision Support

Springer Science & Business Media

Practical and easy to understand

Database Principles:

Fundamentals of Design, Implementation, and

Management, 10/e,

International Edition gives

readers a solid foundation in database design and

implementation. Filled with visual aids such as diagrams, illustrations, and tables, this

market-leading book provides in-depth coverage of database

design, demonstrating that the key to successful database

implementation is in proper design of databases to fit within a

larger strategic view of the data environment. Renowned for its

clear, straightforward writing style, the tenth edition has been

thoroughly updated to include hot topics such as green

computing/sustainability for

modern data centers, the role of redundant relationships, and examples of web-database connectivity and code security. In addition, new review questions, problem sets, and cases have been added throughout the book so that readers have multiple opportunities to test their understanding and develop real and useful design skills.

Database Management Systems

CRC Press

The Springer Handbook for

Computational Intelligence is the first book covering the basics, the

state-of-the-art and important applications of the dynamic and

rapidly expanding discipline of computational intelligence. This

comprehensive handbook makes readers familiar with a broad

spectrum of approaches to solve various problems in science and

technology. Possible approaches include, for example, those being

inspired by biology, living organisms and animate systems.

Content is organized in seven

parts: foundations; fuzzy logic;

rough sets; evolutionary

computation; neural networks;

swarm intelligence and hybrid

computational intelligence systems. Each Part is supervised by its own Part Editor(s) so that high-quality content as well as completeness are assured.

Fundamentals of Design, Implementation, and Management McGraw-Hill College

Location-based services (LBS) are a new concept integrating a user ' s geographic location with the general notion of services, such as dialing an emergency number from a cell phone or using a navigation system in a car. Incorporating both mobile communication and spatial data, these applications represent a novel challenge both conceptually and technically. The purpose of this book is to describe, in an accessible fashion, the various concepts underlying mobile location-based services. These range from general application-related ideas to technical aspects. Each chapter starts with a high level of abstraction and drills down to the technical details. Contributors examine each application from all necessary perspectives,

namely, requirements, services, data, and scalability. An illustrative example begins early in the book and runs throughout, serving as a reference. · This book defines the LBS field and identifies its capabilities, challenges, and technologies. · The contributors are recognized experts from academia and industry. · Coverage includes navigation systems, middleware, interoperability, standards, and mobile communications. · A sample application, the "find-friend" application, is used throughout the book to integrate the concepts discussed in each chapter.

20th IFIP/IEEE International Workshop on Distributed Systems: Operations and Management, DSOM 2009, Venice, Italy, October 27-28, 2009, Proceedings Springer Science & Business Media

Provides in-depth coverage of databases from the point of view of the database

designer, user, and application programmer, leaving implementation for later courses. It covers the latest database standards: SQL: 1999, SQL/PSM, SQL/CLI, JDBC, ODL, and XML.

Entity-Relationship Approach - ER '93 BPB Publications

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 Web, 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.

Change Management for Semantic Web Services
Morgan Kaufmann

This comprehensive edited volume is the first of its kind, designed to serve as a textbook for long-duration business analytics programs. It can also be used as a guide to the field by practitioners. The book has contributions from experts in top universities and industry. The editors have taken extreme care to ensure continuity across the chapters. The material is organized into

three parts: A) Tools, B) Models and C) Applications. In Part A, the tools used by business analysts are described in detail. In Part B, these tools are applied to construct models used to solve business problems. Part C contains detailed applications in various functional areas of business and several case studies. Supporting material can be found in the appendices that develop the pre-requisites for the main text. Every chapter has a business orientation. Typically, each chapter begins with the description of business problems that are transformed into data questions; and methodology is developed to solve these questions. Data analysis is conducted using widely used software, the output and results are clearly explained at each stage of development. These are finally transformed into a business solution. The companion website provides examples,

data sets and sample code for each chapter.

15th International Conference, DEXA 2004, Zaragoza, Spain, August 30-September 3, 2004, Proceedings Pearson Higher Ed

Introduction to Computational Earthquake Engineering covers solid continuum mechanics, finite element method and stochastic modeling comprehensively, with the second and third chapters explaining the numerical simulation of strong ground motion and faulting, respectively. Stochastic modeling is used for uncertain underground structures, and advanced analytical methods for linear and non-linear stochastic models are presented. The verification of these methods by comparing the simulation results with observed data is then presented, and examples of numerical simulations which

apply these methods to practical problems are generously provided.

Furthermore three advanced topics of computational earthquake engineering are covered, detailing examples of applying computational science technology to earthquake engineering problems.

Contents: Preliminaries: Solid Continuum Mechanic Finite Element Method Stochastic Modeling Strong Ground Motion: The Wave Equation for Solids Analysis of Strong Ground Motion Simulation of Strong Ground Motion Faulting: Elasto-Plasticity and Fracture Mechanics Analysis of Faulting Simulation of Faulting BEM Simulation of Faulting Advanced Topics: Integrated Earthquake Simulation Unified Visualisation of Earthquake Simulation Standardisation of Earthquake Resistant Design Multi-Agent Simulation for Evacuation Process Analysis

sAppendices:Earthquake MechanismsAnalytical MechanicsNumerical Techniques for Solving Wave EquationUnified Modeling Language Readership: Academic and industry: engineers, students; advanced undergraduates in the field of earthquake engineering. Keywords:Earthquake Engineering;Computational Mechanics;Structural Analysis;Wave Propagation;Elasto-Plastic Analysis;Fracture Analysis; Stochastic ModelingKey Features:Detailed explanation is given to modeling of uncertain ground structures; stochastic modeling which treats the uncertainty in a stochastic manner is usedSeveral key numerical algorithms and techniques are explained in solving large-scale, non-linear and dynamic problemsApplication of these methods to simulate actual strong ground motion and

faulting is presented
Conceptual Database Design
Springer Science & Business Media
Elmasri, Levine, and Carrick's "spiral approach" to teaching operating systems develops student understanding of various OS components early on and helps students approach the more difficult aspects of operating systems with confidence. While operating systems have changed dramatically over the years, most OS books use a linear approach that covers each individual OS component in depth, which is difficult for students to follow and requires instructors to constantly put materials in context. Elmasri, Levine, and Carrick do things differently by following an integrative or "spiral" approach to explaining operating systems. The spiral approach alleviates the need for an instructor to "jump ahead" when

explaining processes by helping students "completely" understand a simple, working, functional system as a whole in the very beginning. This is more effective pedagogically, and it inspires students to continue exploring more advanced concepts with confidence.

Springer Handbook of Computational Intelligence IGI Global

Managing IT in Construction/Managing Construction for Tomorrow presents new developments in:- Managing IT strategies - Model based management tools including building information modeling- Information and knowledge management- Communication and collaboration - Data acquisition and storage- Visualization and simulation- Architectural design and

A Pragmatic Approach Cengage Learning
Introduce the latest version of the fundamental SQL

language used in all relational databases today with Casteel ' s ORACLE 12C: SQL, 3E. Much more than a study guide, this edition helps those who have only a basic knowledge of databases master the latest SQL and Oracle concepts and techniques.

Learners gain a strong understanding of how to use Oracle 12c SQL most effectively as they prepare for the first exam in the Oracle Database Administrator or Oracle Developer Certification Exam paths. This edition initially focuses on creating database objects, including tables, constraints, indexes, sequences, and more. The author then explores data query techniques, such as row filtering, joins, single-row functions, aggregate functions, subqueries, and views, as well as advanced query topics. ORACLE 12C: SQL, 3E introduces the latest features and enhancements in 12c,

from enhanced data types and invisible columns to new CROSS and OUTER APPLY methods for joins. To help readers transition to further studies, appendixes introduce SQL tuning, compare Oracle's SQL syntax with other databases, and overview Oracle connection interface tools: SQL Developer and SQL Plus. Readers can trust ORACLE 12C: SQL, 3E to provide the knowledge for Oracle certification testing and the solid foundation for pursuing a career as a successful database administrator or developer. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Outsourcing and Offshoring of Professional Services: Business Optimization in a Global Economy Springer Science & Business Media Designed to provide an insight into the database concepts

DESCRIPTION Book teaches the essentials of DBMS to anyone who wants to become an effective and independent DBMS Master. It covers all the DBMS fundamentals without forgetting few vital advanced topics such as from installation, configuration and monitoring, up to the backup and migration of database covering few database client tools. KEY FEATURES Book contains real-time executed commands along with screenshot Parallel execution and explanation of Oracle and MySQL Database commands A Single comprehensive guide for Students, Teachers and Professionals Practical oriented book WHAT WILL YOU LEARN Relational Database, Keys Normalization of database SQL, SQL Queries, SQL joins Aggregate Functions, Oracle and Mysql tools WHO THIS BOOK IS FOR Students of Polytechnic Diploma Classes- Computer Science/ Information Technology Graduate Students- Computer Science/ CSE / IT / Computer Applications Master Class

Students—Msc (CS/IT)/ MCA/ M.Phil, M.Tech, M.S. Industry Professionals- Preparing for Certifications Table of Contents

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IGI Global
DATA MODELING AND DATABASE DESIGN
presents a conceptually complete coverage of indispensable topics that each MIS student should learn if that student takes only one database course. Database design and data modeling encompass the minimal set of topics addressing the core

competency of knowledge students should acquire in the database area. The text, rich examples, and figures work together to cover material with a depth and precision that is not available in more introductory database books.

Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Location-Based Services Handbook IGI Global
"This book provides insight into the latest findings concerning data warehousing, data mining, and their applications in everyday human activities"--Provided by publisher.

Database Systems McGraw-Hill Europe
The dual goal of the "Handbook in Information Systems" is to provide a reference for the diversity of

research in the field by scholars from many disciplines, as well as to stimulate new research. This volume, focusing on Information Assurance, Security and Privacy Services, consists of six sections. In the first part contributors discuss Program Security, Data Security and Authentication, while the second section covers Internet Scourges and Web Security. Parts two and three concentrate on Usable Security and Human-Centric Aspects, along with Security, Privacy and Access Control whereas the final sections of the book examine Economic Aspects of Security, and Threat Modeling, Intrusion and Response.

Learn essential concepts of database systems CRC Press
Database System Concepts

by Silberschatz, Korth and Sudarshan is now in its 6th edition and is one of the cornerstone texts of database education. It presents the fundamental concepts of database management in an intuitive manner geared toward allowing students to begin working with databases as quickly as possible. The text is designed for a first course in databases at the junior/senior undergraduate level or the first year graduate level. It also contains additional material that can be used as supplements or as introductory material for an advanced course. Because the authors present concepts as intuitive descriptions, a familiarity with basic data structures, computer organization, and a high-level programming language are the only prerequisites.

Important theoretical results are covered, but formal proofs are omitted. In place of proofs, figures and examples are used to suggest why a result is true.