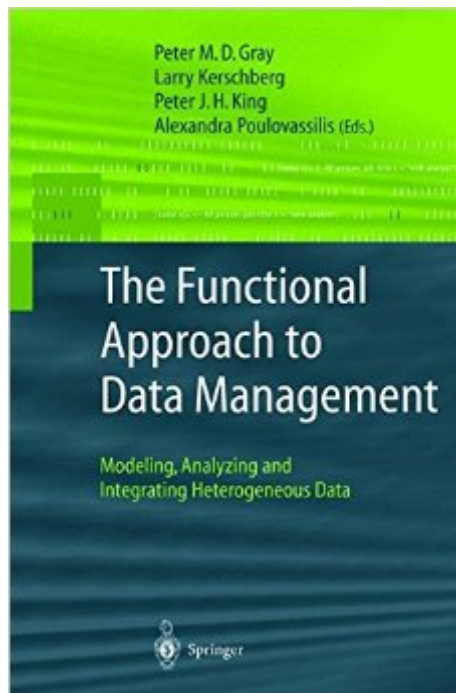


The book was found

The Functional Approach To Data Management: Modeling, Analyzing And Integrating Heterogeneous Data



Synopsis

It is over 20 years since the functional data model and functional programming languages were first introduced to the computing community. Although developed by separate research communities, recent work, presented in this book, suggests there is powerful synergy in their integration. As database technology emerges as central to yet more complex and demanding applications in areas such as bioinformatics, national security, criminal investigations and advanced engineering, more sophisticated approaches like those presented here, are needed. A tutorial introduction by the editors prepares the reader for the chapters that follow, written by leading researchers, including some of the early pioneers. They provide a comprehensive treatment showing how the functional approach provides for modeling, analysis and optimization in databases, and also data integration and interoperation in heterogeneous environments. Several chapters deal with mathematical results on the transformation of expressions, fundamental to the functional approach. The book also aims to show how the approach relates to the Internet and current work on semistructured data, XML and RDF. The book presents a comprehensive view of the functional approach to data management, bringing together important material hitherto widely scattered, some new research, and a comprehensive set of references. It will serve as a valuable resource for researchers, faculty and graduate students, as well as those in industry responsible for new systems development.

Book Information

Hardcover: 506 pages

Publisher: Springer; 2004 edition (November 5, 2003)

Language: English

ISBN-10: 3540003754

ISBN-13: 978-3540003755

Product Dimensions: 6.1 x 1.1 x 9.2 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,412,720 in Books (See Top 100 in Books) #110 in Books > Computers & Technology > Programming > Functional #436 in Books > Computers & Technology > Computer Science > Information Theory #569 in Books > Computers & Technology > Networking & Cloud Computing > Network Administration > Storage & Retrieval

[Download to continue reading...](#)

The Functional Approach to Data Management: Modeling, Analyzing and Integrating

Heterogeneous Data CLEP Analyzing & Interpreting Literature with CD-ROM (REA): The Best Test Prep for the CLEP Analyzing and Interpreting Literature Exam with REA's TESTware (Test Preps) Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Guide to the Evaluation of Functional Ability: How to Request, Interpret, and Apply Functional Capacity Evaluations (American Medical Association) Wheater's Functional Histology: A Text and Colour Atlas, 6e (FUNCTIONAL HISTOLOGY (WHEATER'S)) Wheater's Functional Histology: A Text and Colour Atlas (Book with CD-ROM) (Functional Histology (Wheater's)) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Professional Java Data: RDBMS, JDBC, SQLJ, OODBMS, JNDI, LDAP, Servlets, JSP, WAP, XML, EJBs, CMP2.0, JDO, Transactions, Performance, Scalability, Object and Data Modeling Mastering Data Modeling: A User-Driven Approach The Data Model Resource Book, Vol. 3: Universal Patterns for Data Modeling (Volume 3) Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLAB® and Simulink® (Modeling and Simulation in Science, Engineering and Technology) Chocolate Modeling Cake Toppers: 101 Tasty Ideas for Candy Clay, Modeling Chocolate, and Other Fondant Alternatives Modeling Agency Tips: Get Listed with Fashion Modeling Agencies and Find Your Dream Job The Model's Bible & Global Modeling Agency Contact List - An Insider's Guide on How to Break into the Fashion Modeling Industry Introduction to Management Science with Student CD and Risk Solver Platform Access Card: A Modeling and Cases Studies Approach with Spreadsheets Body Mechanics for Manual Therapists: A Functional Approach to Self-Care (LWW Massage Therapy and Bodywork Educational Series) Operations Management: Integrating Manufacturing and Services 5e with Student CD and PowerWeb Performance Management: Integrating Strategy Execution, Methodologies, Risk, and Analytics

[Dmca](#)