

1. Record Nr.	UNISA996465883303316
Titolo	Advances in Databases and Information Systems [[electronic resource]] : 10th East European Conference, ADBIS 2006, Thessaloniki, Greece, September 3-7, 2006, Proceedings / / edited by Yannis Manolopoulos, Jaroslav Pokorný, Timos Sellis
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-37900-2
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XVI, 456 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4152
Disciplina	005.74
Soggetti	Database management Information storage and retrieval Application software Multimedia information systems Information technology Business—Data processing Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) Multimedia Information Systems IT in Business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Data Ring: Let Us Turn the Net into a Database! -- Future Data Management: "It's Nothing Business; It's Just Personal." -- Scalable Similarity Search in Computer Networks -- XML Databases and Semantic Web -- An XML Algebra for XQuery -- Satisfiability-Test, Rewriting and Refinement of Users' XPath Queries According to XML Schema Definitions -- X-Warehousing: An XML-Based Approach for Warehousing Complex Data -- SDQNET: Semantic Distributed Querying in Loosely Coupled Data Sources -- Materialized Views -- Multi-source Materialized Views Maintenance: Multi-level Views -- Clustering-Based

Materialized View Selection in Data Warehouses -- Non-blocking Materialized View Creation and Transformation of Schemas -- Database Modelling -- Relationship Design Using Spreadsheet Reasoning for Sets of Functional Dependencies -- Modeling and Storing Context-Aware Preferences -- An Integrated Framework for Meta Modeling -- Implementation of UNIDOOR, a Deductive Object-Oriented Database System -- Web Information Systems and Middleware -- Preloading Browsers for Optimizing Automatic Access to Hidden Web: A Ranking-Based Repository Solution -- A Middleware-Based Approach to Database Caching -- Integrating Caching Techniques on a Content Distribution Network -- Interactive Discovery and Composition of Complex Web Services -- Query Processing and Indexing -- Efficient Processing SAPE Queries Using the Dynamic Labelling Structural Indexes -- ICB-Index: A New Indexing Technique for Continuous Time Sequences -- Multiple k Nearest Neighbor Query Processing in Spatial Network Databases -- Searching for Similar Trajectories on Road Networks Using Spatio-temporal Similarity -- Efficient and Coordinated Checkpointing for Reliable Distributed Data Stream Management -- Data Mining and Clustering -- Towards Automatic Eps Calculation in Density-Based Clustering -- Symbolic Music Genre Classification Based on Note Pitch and Duration -- PPPA: Push and Pull Pedigree Analyzer for Large and Complex Pedigree Databases -- Discovering Emerging Topics in Unlabelled Text Collections -- Modelling and Design Issues -- Computational Database Technology Applied to Option Pricing Via Finite Differences -- A Framework for Merging, Repairing and Querying Inconsistent Databases -- An On-Line Reorganization Framework for SAN File Systems -- Towards Multimedia Fragmentation -- Content Is Capricious: A Case for Dynamic System Generation.

2. Record Nr.	UNISA996466349103316
Titolo	Evolutionary Multi-Criterion Optimization [[electronic resource]] : Second International Conference, EMO 2003, Faro, Portugal, April 8-11, 2003, Proceedings / / edited by Carlos M. Fonseca, Peter J. Fleming, Eckart Zitzler, Kalyanmoy Deb, Lothar Thiele
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
ISBN	3-540-36970-8
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (XVI, 820 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2632
Disciplina	658.4/03
Soggetti	Evolutionary biology Software engineering Algorithms Numerical analysis Computer science—Mathematics Artificial intelligence Evolutionary Biology Software Engineering/Programming and Operating Systems Algorithm Analysis and Problem Complexity Numeric Computing Discrete Mathematics in Computer Science Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Objective Handling and Problem Decomposition -- The Maximin Fitness Function; Multi-objective City and Regional Planning -- Conflict, Harmony, and Independence: Relationships in Evolutionary Multi-criterion Optimisation -- Is Fitness Inheritance Useful for Real-World Applications? -- Use of a Genetic Heritage for Solving the Assignment Problem with Two Objectives -- Fuzzy Optimality and Evolutionary Multiobjective Optimization -- IS-PAES: A Constraint-Handling Technique Based on Multiobjective Optimization Concepts --

A Population and Interval Constraint Propagation Algorithm -- Multi-objective Binary Search Optimisation -- Covering Pareto Sets by Multilevel Evolutionary Subdivision Techniques -- An Adaptive Divide-and-Conquer Methodology for Evolutionary Multi-criterion Optimisation -- Multi-level Multi-objective Genetic Algorithm Using Entropy to Preserve Diversity -- Solving Hierarchical Optimization Problems Using MOEAs -- Multiobjective Meta Level Optimization of a Load Balancing Evolutionary Algorithm -- Algorithm Improvements -- Schemata-Driven Multi-objective Optimization -- A Real-Coded Predator-Prey Genetic Algorithm for Multiobjective Optimization -- Towards a Quick Computation of Well-Spread Pareto-Optimal Solutions -- Trade-Off between Performance and Robustness: An Evolutionary Multiobjective Approach -- Online Adaptation -- The Micro Genetic Algorithm 2: Towards Online Adaptation in Evolutionary Multiobjective Optimization -- Self-Adaptation for Multi-objective Evolutionary Algorithms -- MOPED: A Multi-objective Parzen-Based Estimation of Distribution Algorithm for Continuous Problems -- Test Problem Construction -- Instance Generators and Test Suites for the Multiobjective Quadratic Assignment Problem -- Dynamic Multiobjective Optimization Problems: Test Cases, Approximation, and Applications -- No Free Lunch and Free Leftovers Theorems for Multiobjective Optimisation Problems -- Performance Analysis and Comparison -- A New MOEA for Multi-objective TSP and Its Convergence Property Analysis -- Convergence Time Analysis for the Multi-objective Counting Ones Problem -- Niche Distributions on the Pareto Optimal Front -- Performance Scaling of Multi-objective Evolutionary Algorithms -- Searching under Multi-evolutionary Pressures -- Minimal Sets of Quality Metrics -- A Comparative Study of Selective Breeding Strategies in a Multiobjective Genetic Algorithm -- An Empirical Study on the Effect of Mating Restriction on the Search Ability of EMO Algorithms -- Alternative Methods -- Using Simulated Annealing and Spatial Goal Programming for Solving a Multi Site Land Use Allocation Problem -- Solving Multi-criteria Optimization Problems with Population-Based ACO -- A Two-Phase Local Search for the Biobjective Traveling Salesman Problem -- Implementation -- PISA — A Platform and Programming Language Independent Interface for Search Algorithms -- A New Data Structure for the Nondomination Problem in Multi-objective Optimization -- The Measure of Pareto Optima Applications to Multi-objective Metaheuristics -- Distributed Computing of Pareto-Optimal Solutions with Evolutionary Algorithms -- Applications -- Multiobjective Capacitated Arc Routing Problem -- Multi-objective Rectangular Packing Problem and Its Applications -- Experimental Genetic Operators Analysis for the Multi-objective Permutation Flowshop -- Modification of Local Search Directions for Non-dominated Solutions in Cellular Multiobjective Genetic Algorithms for Pattern Classification Problems -- Effects of Three-Objective Genetic Rule Selection on the Generalization Ability of Fuzzy Rule-Based Systems -- Identification of Multiple Gene Subsets Using Multi-objective Evolutionary Algorithms -- Non-invasive Atrial Disease Diagnosis Using Decision Rules: A Multi-objective Optimization Approach -- Intensity Modulated Beam Radiation Therapy Dose Optimization with Multiobjective Evolutionary Algorithms -- Multiobjective Evolutionary Algorithms Applied to the Rehabilitation of a Water Distribution System: A Comparative Study -- Optimal Design of Water Distribution System by Multiobjective Evolutionary Methods -- Evolutionary Multiobjective Optimization in Watershed Water Quality Management -- Different Multi-objective Evolutionary Programming Approaches for Detecting Computer Network Attacks -- Safety Systems

Optimum Design by Multicriteria Evolutionary Algorithms --
Applications of a Multi-objective Genetic Algorithm to Engineering
Design Problems -- A Real-World Test Problem for EMO Algorithms --
Genetic Methods in Multi-objective Optimization of Structures with an
Equality Constraint on Volume -- Multi-criteria Airfoil Design with
Evolution Strategies -- Visualization and Data Mining of Pareto
Solutions Using Self-Organizing Map.
