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Soggetti	Computer communication systems Computer programming Data mining Database management Information storage and retrieval Application software Computer Communication Networks Programming Techniques Data Mining and Knowledge Discovery Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet)
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Talks -- Dataspaces: Progress and Prospects -- XtreamOS: Towards a Grid-Enabled Linux-Based Operating System -- Tutorials -- The iMeMex Dataspace Management System: Architecture, Concepts, and Lessons Learned -- Conditional Dependencies: A Principled Approach to Improving Data Quality -- Data Integration, Warehousing and Privacy -- A Prioritized Collective Selection Strategy for Schema Matching across Query Interfaces -- An Alternative Data Warehouse Reference Architectural Configuration -- A Data Privacy Taxonomy -- Alternative Data Models -- Dimensions of Dataspaces -- The Use of the

Binary-Relational Model in Industry: A Practical Approach -- Hyperset Approach to Semi-structured Databases -- Querying -- Multi-Join Continuous Query Optimization: Covering the Spectrum of Linear, Acyclic, and Cyclic Queries -- An XML-Based Model for Supporting Context-Aware Query and Cache Management -- Answering Multiple-Item Queries in Data Broadcast Systems -- Path Queries and XML -- A Study of a Positive Fragment of Path Queries: Expressiveness, Normal Form, and Minimization -- Metamodel-Based Optimisation of XPath Queries -- Compacting XML Structures Using a Dynamic Labeling Scheme -- Short Papers -- Evaluating a Peer-to-Peer Database Server Based on BitTorrent -- Towards Building a Knowledge Base for Research on Andean Weaving -- Posters -- The Adaptation Model of a Runtime Adaptable DBMS -- Schema Merging Based on Semantic Mappings -- A Database System for Absorbing Conflicting and Uncertain Information from Multiple Correspondents -- Semantic Exploitation of Engineering Models: An Application to Oilfield Models -- Ontology-Based Method for Schema Matching in a Peer-to-Peer Database System -- Co-located Workshops -- Ideas in Teaching, Learning and Assessment of Databases: A Communication of the 7th International Workshop on Teaching, Learning and Assessment of Databases (TLAD 2009) -- Research Directions in Database Architectures for the Internet of Things: A Communication of the First International Workshop on Database Architectures for the Internet of Things (DAIT 2009) -- Design Challenges and Solutions: Review of the 4th International Workshop on Ubiquitous Computing (iUBICOM 2009).

Sommario/riassunto

This book constitutes the refereed proceedings of the 26th British National Conference on Databases, BNCOD 26, held in Birmingham, UK, in July 2009. The 12 revised full papers, 2 short papers and 5 poster papers presented together with 2 keynote talks, 2 tutorial papers and summaries of 3 co-located workshops were carefully reviewed and selected from 33 submissions. The papers are organized in topical sections on data integration, warehousing and privacy; alternative data models; querying; and path queries and XML; data mining and privacy, data integration, stream and event data processing, and query processing and optimisation.
