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Nota di contenuto	Invited Papers -- Databases and the Grid: Who Challenges Whom? -- Challenges in Crawling the Web -- XML and Semi-structured Data -- Multivalued Dependencies in XML -- Processing XML Path Expressions Using XML Materialised Views -- WebVigiL: User Profile-Based Change Detection for HTML/XML Documents -- Aggregate Table-Driven Querying via Navigation Ontologies in Distributed Statistical Databases -- External Ontologies in the Semantic Web -- Performance in Searching and Mining -- Quantization Techniques for Similarity Search in High-Dimensional Data Spaces -- Performance Evaluation and Analysis of K-Way Join Variants for Association Rule Mining -- External

Sorting with On-the-Fly Compression -- MaxDomino: Efficiently Mining Maximal Sets -- Transformation, Integration, and Extension -- Evaluating Maintenance Policies for Externally Materialised Multi-source Views -- Database Schema Transformation Optimisation Techniques for the AutoMed System -- Using Similarity-Based Operations for Resolving Data-Level Conflicts -- ProSQL: A Prototyping Tool for SQL Temporal Language Extensions -- MVMBS: A Multiple Views Supporting Multiple Behaviours System for Interoperable Object-Oriented Database Systems -- Events and Transactions -- Efficient Filtering of Composite Events -- Multilevel Secure Rules and Its Impact on the Design of Active Database Systems -- Using the Compliant Systems Architecture to Deliver Flexible Policies within Two-Phase Commit -- A Concurrent Blink-Tree Algorithm Using a Cooperative Locking Protocol -- Personalisation and the Web -- Tools for Personalised Presentation of Information -- Extracting Database Information from E-mail Messages.

Sommario/riassunto

This book constitutes the refereed proceedings of the 20th British National Conference on Databases, BNCOD 20, held in Coventry, UK, in July 2003. The 20 revised full papers presented together with abstracts of 2 invited talks were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on XML and semi-structured data; performance in searching and mining; transformation, integration, and extension; events and transactions; and personalization and the Web.
