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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote -- The Power of Data -- Data Mining and Privacy -- Efficient Mining of Frequent Itemsets from Data Streams -- An Empirical Study of Utility Measures for k-Anonymisation -- HLS: Tunable Mining of Approximate Functional Dependencies -- Sentence Ordering for Coherent Multi-document Summary Generation -- Data Integration -- Schema Matching across Query Interfaces on the Deep Web -- A Generic Data Level Implementation of ModelGen -- Reconciling Inconsistent Data in Probabilistic XML Data Integration -- Stream and Event Data Processing -- A Semantics for a Query Language over Sensors, Streams and Relations -- Load Shedding in MavStream: Analysis, Implementation, and Evaluation -- Event-Driven Database Information Sharing -- Query Processing and Optimisation -- Smooth Interpolating Histograms with Error Guarantees -- Virtual Forced

Splitting, Demotion and the BV-Tree -- A Functional Data Model
Approach to Querying RDF/RDFS Data -- Ranking for Approximated
XQuery Full-Text Queries -- Poster Papers -- Role Based Access to
Support Collaboration in Healthcare -- A Peer-to-Peer Database Server
-- Checking the Integrity Constraints of Mobile Databases with Three-
Level Model -- Finding Data Resources in a Virtual Observatory Using
SKOS Vocabularies -- Progressive Ranking for Efficient Keyword Search
over Relational Databases -- Semantic Matching for the Medical
Domain -- Towards the Automatic Generation of Analytical End-User
Tools Metadata for Data Warehouses -- 25th Anniversary Colloquium
on Advances in Database Research -- The Hyperdatabase Project –
From the Vision to Realizations -- From Schema and Model Translation
to a Model Management System -- XtreamOS: Towards a Grid-Enabled
Linux-Based Operating System -- High-Assurance Integrity Techniques
for Databases -- Towards General Temporal Aggregation.-Best Papers
from the Workshop on Biodiversity Informatics: Challenges in Modelling
and Managing Biodiversity Knowledge -- Distributed Systems and
Automated Biodiversity Informatics: Genomic Analysis and Geographic
Visualization of Disease Evolution -- Visualisation to Aid Biodiversity
Studies through Accurate Taxonomic Reconciliation.

Sommario/riassunto

This book constitutes the refereed proceedings of the 25th British National Conference on Databases, BNCOD 25, held in Cardiff, UK, in July 2008. The 14 revised full papers and 7 revised poster papers presented together with an invited contribution were carefully reviewed and selected from 45 submissions. The papers are organized in topical sections on data mining and privacy, data integration, stream and event data processing, and query processing and optimisation. The volume in addition contains 5 invited papers by leading researchers from the International Colloquium on Advances in Database Research and the two best papers from the workshop on Biodiversity Informatics: Challenges in Modelling and Managing Biodiversity Knowledge.
