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Soggetti	Database management Data mining Software engineering Artificial intelligence Information storage and retrieval systems Application software Database Management Data Mining and Knowledge Discovery Software Engineering Artificial Intelligence Information Storage and Retrieval Computer and Information Systems Applications
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Nota di contenuto	A Scalable Platform for Low-Latency Real-Time Analytics of Streaming Data -- Identifying Conversational Message Threads by Integrating Classification and Data Clustering -- Towards Efficient Multi-domain Data Processing -- Approaching ETL Processes Specification using a Pattern-based Ontology -- Topic-aware Visual Citation Tracing via Enhanced Term Weighting for Efficient Literature Retrieval -- Maturing Pay-as-you-go Data Quality Management: Towards Decision Support for Paying the Larger Bills -- Generic and Concurrent Computation of Belief Combination Rules -- Log-based Model to Enforce Data

Consistency on Agnostic Fault-tolerant Systems -- Improving Performances of an Embedded Relational Database Management System with a Hybrid CPU/GPU Processing Engine.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the Fourth International Conference on Data Technologies and Applications, DATA 2016, held in Colmar, France, in July 2016. The 9 revised full papers were carefully reviewed and selected from 50 submissions. The papers deal with the following topics: databases, data warehousing, data mining, data management, data security, knowledge and information systems and technologies; advanced application of data.