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Nota di contenuto	A Natural Language Processing Tool for White Collar Crime Investigation -- Data Leakage Analysis of the Hibernate Query Language on a Propositional Formulae Domain -- An Adaptive Similarity Search in Massive Datasets -- Semantic Attack on Anonymised Transactions -- Private Indexes for Mixed Encrypted Databases.
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Centered Systems focuses on data management, knowledge discovery, and knowledge processing, which are core and hot topics in computer science. Since the 1990s, the Internet has become the main driving force behind application development in all domains. An increase in the demand for resource sharing across different sites connected through networks has led to an evolution of data- and knowledge-management systems from centralized systems to decentralized systems enabling large-scale distributed applications providing high scalability. Current decentralized systems still focus on data and knowledge as their main resource. Feasibility of these systems relies basically on P2P (peer-to-peer) techniques and the support of agent systems with scaling and decentralized control. Synergy between grids, P2P systems, and agent technologies is the key to data- and knowledge-centered systems in large-scale environments. This volume, the 23rd issue of Transactions on Large-Scale Data- and Knowledge-Centered Systems,focuses on information and security engineering. It contains five revised and extended papers selected from the proceedings of the First International Conference on Future Data and Security Engineering, FDSE 2014, held in Ho Chi Minh City, Vietnam, November 19-21, 2014. The titles of the five papers are as follows: A Natural Language Processing Tool for White Collar Crime Investigation; Data Leakage Analysis of the Hibernate Query Language on a Propositional Formulae Domain; An Adaptive Similarity Search in Massive Datasets; Semantic Attack on anonymized Transactions; and Private Indexes for Mixed Encrypted Databases. .