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| Titolo | Transactions on Large-Scale Data- and Knowledge-Centered Systems XVI [[electronic resource] ] : Selected Papers from ACOMP 2013 / / edited by Abdelkader Hameurlain, Josef Küng, Roland Wagner, Tran Khanh Dang, Nam Thoai |
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| Nota di contenuto | Visualizing Web Attack Scenarios in Space and Time Coordinate Systems -- Question-Answering for Agricultural Open Data -- Learning-Oriented Question Recommendation Using Bloom’s Learning -- Taxonomy and Variable Length Hidden Markov Models -- On the Performance of Triangulation-Based Multiple Shooting Method for 2D Geometric Shortest Path Problems -- Protecting Biometric Features by Periodic Function-Based Transformation and Fuzzy Vault -- EPOBF: Energy Efficient Allocation of Virtual Machines in High Performance Computing Cloud -- Human Object Classification Using Dual Tree Complex Wavelet Transform and Zernike Moment. |
| Sommario/riassunto | The LNCS journal Transactions on Large-Scale Data- and Knowledge-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, the 16th issue of Transactions on Large-Scale Data- and Knowledge-Centered Systems, contains extended and revised versions of 7 papers, selected from the 30 papers presented at the International Conference on Advanced Computing and Applications, ACOMP 2013, held October 23-25, 2013, in Ho Chi Minh City, Vietnam. Topics covered include data engineering, information retrieval, query processing and optimization, energy-efficient resource allocation, and security and privacy.