1. Record Nr.   UNISA996465416403316

   Titolo   Transactions on Large-Scale Data- and Knowledge-Centered Systems XXVII [[electronic resource]] : Special Issue on Big Data for Complex Urban Systems / / edited by Abdelkader Hameurlain, Josef Küng, Roland Wagner, Amin Anjomshoaa, Patrick C. K. Hung, Dominik Kalisch, Stanislav Sobolevsky

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2016

   ISBN   3-662-53416-9

   Edizione   [1st ed. 2016.]

   Descrizione fisica 1 online resource (XII, 209 p. 70 illus.)

   Collana   Transactions on Large-Scale Data- and Knowledge-Centered Systems, , 1869-1994 ; ; 9860

   Disciplina   307.12160285

   Soggetti   Database management
                      Data mining
                      Artificial intelligence
                      Information storage and retrieval
                      Algorithms
                      Computers
                      Database Management
                      Data Mining and Knowledge Discovery
                      Artificial Intelligence
                      Information Storage and Retrieval
                      Algorithm Analysis and Problem Complexity
                      Computation by Abstract Devices

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Note generali   Includes index.

   Nota di contenuto Development of a Measurement Scale for User Satisfaction with E-Tax Systems in Australia -- Data Driven Governments: Creating Value through Open Government Data -- Collaborative Construction of an Open Official Gazette -- A Solution to Visualize Open Urban Data for Illegally Parked Bicycles -- An Intelligent Hot-Desking Model Based on Occupancy Sensor Data and Its Potential for Social Impact -- Characterization of Behavioral Patterns Exploiting Description of

Geographical Areas -- Analysis of Customers' Spatial Distribution through Transaction Datasets -- Case Studies for Data-Oriented Emergency Management/Planning in Complex Urban Systems.

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 27th issue of Transactions on Large-Scale Data- and Knowledge-Centered Systems, contains extended and revised versions of 12 papers presented at the Big Data and Technology for Complex Urban Systems symposium, held in Kauai, HI, USA in January 2016. The papers explore the use of big data in complex urban systems in the areas of politics, society, commerce, tax, and emergency management.