Record Nr. UNINA9910483792203321 Journal on data semantics XIII / / Stefano Spaccapietra, Esteban **Titolo** Zimanyi, Song, Il-Yeol Song (eds.) Pubbl/distr/stampa Berlin; ; New York, : Springer, c2009 **ISBN** 1-280-38312-7 9786613561046 3-642-03098-X Edizione [1st ed. 2009.] Descrizione fisica 1 online resource (XIII, 179 p.) Collana Lecture notes in computer science, , 0302-9743; ; 5530 Altri autori (Persone) SongII-Yeol **SpaccapietraS** ZimanyiEsteban Disciplina 004.6 Soggetti Data warehousing Programming languages (Electronic computers) - Semantics Semantic Web Semantics - Data processing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Multidimensional Integrated Ontologies: A Framework for Designing Semantic Data Warehouses -- A Unified Object Constraint Model for Designing and Implementing Multidimensional Systems -- Modeling Data Warehouse Schema Evolution over Extended Hierarchy Semantics -- An ETL Process for OLAP Using RDF/OWL Ontologies -- Ontology-Driven Conceptual Design of ETL Processes Using Graph Transformations -- Policy-Regulated Management of ETL Evolution.

Sommario/riassunto

The LNCS Journal on Data Semantics is devoted to the presentation of notable work that, in one way or another, addresses research and development on issues related to data semantics. The scope of the journal ranges from theories supporting the formal definition of semantic content to innovative domain-specific applications of semantic knowledge. The journal addresses researchers and advanced practitioners working on the semantic web, interoperability, mobile information services, data warehousing, knowledge representation and reasoning, conceptual database modeling, ontologies, and artificial

intelligence. Volume XIII constitutes a special issue on semantic data warehouses. The papers in this volume address several topics within this relatively new domain, providing different insights into the multiple benefits that can be gained by envisioning data warehouses from a semantic perspective. These papers broach many new ideas to be addressed in future work.