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Collana	Lecture Notes in Bioinformatics ; ; 2994
Disciplina	570.285
Soggetti	Information storage and retrieval Life sciences Computers Health informatics Database management Application software Information Storage and Retrieval Life Sciences, general Theory of Computation Health Informatics Database Management Information Systems Applications (incl. Internet)
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Scientific and Clinical Workflows -- An Ontology-Driven Framework for Data Transformation in Scientific Workflows -- PROVA: Rule-Based Java-Scripting for a Bioinformatics Semantic Web -- Process Based Data Logistics: a Solution for Clinical Integration Problems -- Ontologies and Taxonomies -- Domain-Specific Concepts and Ontological Reduction within a Data Dictionary Framework -- A Universal Character Model and

Ontology of Defined Terms for Taxonomic Description -- On the Application of Formal Principles to Life Science Data: a Case Study in the Gene Ontology -- Indexing and Clustering -- Index-Driven XML Data Integration to Support Functional Genomics -- Heterogeneous Data Integration with the Consensus Clustering Formalism -- Integration Tools and Systems -- LinkSuiteTM: Formally Robust Ontology-Based Data and Information Integration -- BioDataServer: an Applied Molecular Biological Data Integration Service -- Columba: Multidimensional Data Integration of Protein Annotations -- Integration Techniques -- On the Integration of a Large Number of Life Science Web Databases -- Efficient Techniques to Explore and Rank Paths in Life Science Data Sources -- Links and Paths through Life Sciences Data Sources -- Pathway and Protein Interaction Data: from XML to FDM Database.

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