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Soggetti	Computer programming Database management Data mining Information storage and retrieval Artificial intelligence Application software Programming Techniques Database Management Data Mining and Knowledge Discovery Information Storage and Retrieval Artificial Intelligence Information Systems Applications (incl. Internet)
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Nota di contenuto	1: Ontologies and Knowledge Sharing -- Ontology Engineering -- The DOGMA Approach -- Process Mining towards Semantics -- Models of Interaction as a Grounding for Peer to Peer Knowledge Sharing -- Extraction Process Specification for Materialized Ontology Views -- Advances in Ontology Matching -- Multi-site Software Engineering Ontology Instantiations Management Using Reputation Based Decision Making -- 2: Applied Semantic Web -- Representing and Validating Digital Business Processes -- Towards Automated Privacy Compliance in the Information Life Cycle -- Web Semantics for Intelligent and

Dynamic Information Retrieval Illustrated within the Mental Health Domain -- Ontologies for Production Automation -- Determining the Failure Level for Risk Analysis in an e-Commerce Interaction -- 3: Web Services -- Process Mediation of OWL-S Web Services -- Latent Semantic Analysis – The Dynamics of Semantics Web Services Discovery -- Semantic Web Services for Satisfying SOA Requirements.

Sommario/riassunto

This book constitutes the first volume of a series of books focusing on the vital and ever-growing field of web semantics. The primary aim of the series is to investigate, present and promote core concepts, ideas and exemplary technologies for the next generation of semantic web research, stemming from both academia and industry. Topics covered will include process semantics, web services, ontologies, workflows, trust and reputation, and web applications. The 14 papers in this volume, written by key scientists in the field, are preceded by an introduction written by the volume editors. The papers have been divided into three sections on Ontologies and Knowledge Sharing, Applied Semantic Web, and Web Services.
