

1. Record Nr.	UNISA996465618503316
Titolo	Conceptual modeling, foundations and applications : essays in honor of John Mylopoulos / / Alexander T. Borgida [and three others] (editors)
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer, , [2009] ©2009
ISBN	1-282-29785-6 9786612297854 3-642-02463-7
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (527 p.)
Collana	Rheinwerk computing ; ; 5600
Disciplina	003.54
Soggetti	Conceptual structures (Information theory) System design System analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	John Mylopoulos: Sewing Seeds of Conceptual Modelling -- John Mylopoulos: Sewing Seeds of Conceptual Modelling -- Foundations -- Foundations of Temporal Conceptual Data Models -- Faceted Lightweight Ontologies -- The Ontological Level: Revisiting 30 Years of Knowledge Representation -- Some Notes on Models and Modelling -- A Semantical Account of Progression in the Presence of Defaults -- Social Modeling and i* -- Information Systems -- Data Modeling in Dataspace Support Platforms -- Conceptual Modeling: Past, Present and the Continuum of the Future -- On Conceptual Content Management -- Information Integration -- Conceptual Modeling for Data Integration -- Clio: Schema Mapping Creation and Data Exchange -- Heterogeneity in Model Management: A Meta Modeling Approach -- Associativity and Commutativity in Generic Merge -- Web and Services -- The History of WebML Lessons Learned from 10 Years of Model-Driven Development of Web Applications -- GAMBUSE: A Gap Analysis Methodology for Engineering SOA-Based Applications -- Web Service Composition via the Customization of Golog Programs with User Preferences -- Software and Requirements Engineering -- Dealing with

Complexity Using Conceptual Models Based on Tropos -- On Non-Functional Requirements in Software Engineering -- Reasoning About Alternative Requirements Options -- Supporting Requirements Elicitation through Goal/Scenario Coupling -- Enhancing Tropos with Commitments -- Implementations -- "Reducing" CLASSIC to Practice: Knowledge Representation Theory Meets Reality -- The KBMS Project and Beyond -- Using the ConGolog and CASL Formal Agent Specification Languages for the Analysis, Verification, and Simulation of i* Models.

Sommario/riassunto

This Festschrift volume, published in honor of John Mylopoulos on the occasion of his retirement from the University of Toronto, contains 25 high-quality papers, written by leading scientists in the field of conceptual modeling. The volume has been divided into six sections. The first section focuses on the foundations of conceptual modeling and contains material on ontologies and knowledge representation. The four sections on software and requirements engineering, information systems, information integration, and web and services, represent the chief current application domains of conceptual modeling. Finally, the section on implementations concentrates on projects that build tools to support conceptual modeling. With its in-depth coverage of diverse topics, this book could be a useful companion to a course on conceptual modeling.
