1.	Record Nr.	UNINA9910818354503321
	Titolo	Modular ontologies [[electronic resource]] : proceedings of the fifth international workshop (WoMO 2011) / / edited by Oliver Kutz and Thomas Schneider
	Pubbl/distr/stampa	Amsterdam, The Netherlands, : IOS Press, 2011
	ISBN	6613289957
		1-283-28995-4
		9786613289957
		1-60750-799-4
	Descrizione fisica	1 online resource (148 p.)
	Collana	Frontiers in artificial intelligence and applications, , 0922-6389 ; ; v. 230
	Altri autori (Persone)	KutzOliver
		SchneiderThomas
	Disciplina	111
	Soggetti	Ontologies (Information retrieval)
	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 indexes.
	Nota di contenuto	Title Page; Preface; Contents; Goals of Modularity: A Voice from the Foundational Viewpoint; Modularity Issues in Biomedical Ontologies; Query Inseparability and Module Extraction in OWL 2 QL; Applying Community Detection Algorithms on Ontologies for Identifying Concept Groups; The Modular Structure of an Ontology: Atomic Decomposition and Module Count; Modular Approach for a New Ontology; Exploiting Modularity for Ontology Verification; Modularization Requirements in Bio-Ontologies: A Case Study of ChEBI
		Modeling the Diversity of Spatial Information by Using Modular Ontologies and Their CombinationsSimple Reasoning for Contextualized RDF Knowledge; The Onto-Logical Translation Graph; Constructing an Ontology Repository: A Case Study with Theories of Time Intervals; Subject Index; Author Index
	Sommario/riassunto	Modularity has been and continues to be one of the central research topics in ontology engineering, still catching up with 40 years of related research in software engineering. The workshops on Modular Ontologies (WoMO) bring together researchers from different

disciplines who study the problem of modularity in ontologies at a fundamental level, develop design tools for distributed ontology engineering, and apply modularity to different use cases and application scenarios. The contributions in this volume are of interest to researchers, students and practitioners interested in foundations of o