1. Record Nr. UNISA996465485403316

Titolo	Graph Structures for Knowledge Representation and Reasoning [[electronic resource]] : 5th International Workshop, GKR 2017, Melbourne, VIC, Australia, August 21, 2017, Revised Selected Papers / / edited by Madalina Croitoru, Pierre Marquis, Sebastian Rudolph, Gem Stapleton
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-78102-2
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (VII, 139 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 10775
Disciplina	006.332
Soggetti	Artificial intelligence Mathematical logic Application software Information storage and retrieval Computer communication systems Mathematical statistics Artificial Intelligence Mathematical Logic and Formal Languages Information Systems Applications (incl. Internet) Information Storage and Retrieval Computer Communication Networks Probability and Statistics in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Exploring, Reasoning With and Validating Directed Graphs by Applying Formal Concept Analysis to Conceptual Graphs -- Subjective Bayesian Networks and Human-in-the-Loop Situational Understanding -- Counting and Conjunctive Queries in the Lifted Junction Tree Algorithm -- Representing and Reasoning about Logical Network Topologies -- From Enterprise Concepts to Formal Concepts: A University Case Study -- Visualizing ALC Using Concept Diagrams -- Graph Theoretical

	Properties of Logic Based Argumentation Frameworks: Proofs and General Results.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 5th International Workshop on Graph Structures for Knowledge Representation and Reasoning, GKR 2017, held in Melbourne, VIC, Australia, in August 2017, associated with IJCAI 2017, the 26th International Joint Conference on Artificial Intelligence. The 7 revised full papers presented were reviewed and selected from 9 submissions. The contributions address various issues for knowledge representation and reasoning and the common graph-theoretic background allows to bridge the gap between the different communities.