Record Nr. UNINA9910484015803321 Graph Structures for Knowledge Representation and Reasoning: Third **Titolo** International Workshop, GKR 2013, Beijing, China, August 3, 2013. Revised Selected Papers / / edited by Madalina Croitoru, Sebastian Rudolph, Stefan Woltran, Christophe Gonzales Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2014 **ISBN** 3-319-04534-2 Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (X, 211 p. 64 illus.) Collana Lecture Notes in Artificial Intelligence;; 8323 SS 4800 Classificazione Disciplina 006.332 Soggetti Artificial intelligence Mathematical logic Computer science—Mathematics Artificial Intelligence Mathematical Logic and Formal Languages Discrete Mathematics in Computer Science Kongress2013.Peking Conference proceedings. Online-Publikation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Representations of constraint satisfaction problems -- Formal concept analysis -- Conceptual graphs -- Argumentation frameworks. This book constitutes the thoroughly refereed post-conference Sommario/riassunto proceedings of the Third International Workshop on Graph Structures for Knowledge Representation and Reasoning, GKR 2013, held in Beijing, China, in August 2013, associated with IJCAI 2013, the 23rd International Joint Conference on Artificial Intelligence. The 12 revised full papers presented were carefully reviewed and selected for inclusion in the book. The papers feature current research involved in the development and application of graph-based knowledge representation formalisms and reasoning techniques. They address the following

topics: representations of constraint satisfaction problems; formal

concept analysis; conceptual graphs; and argumentation frameworks.