Record Nr. UNISA996465952303316 Rule-Based Reasoning, Programming, and Applications [[electronic **Titolo** resource]]: 5th International Symposium, RuleML 2011 - Europe, Barcelona, Spain, July 19-21, 2011, Proceedings / / edited by Nick Bassiliades, Guido Governatori, Adrian Paschke Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, 2011 **ISBN** 3-642-22546-2 Edizione [1st ed. 2011.] Descrizione fisica 1 online resource (XIII, 385 p.) Programming and Software Engineering;; 6826 Collana Disciplina 006.74 Soggetti Software engineering Artificial intelligence Computer communication systems Application software Computer programming Algorithms Software Engineering Artificial Intelligence Computer Communication Networks Information Systems Applications (incl. Internet) Programming Techniques Algorithm Analysis and Problem Complexity 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. Sommario/riassunto This book constitutes the refereed proceedings of the 5th International Symposium on Rules, RuleML 2011 - Europe, held in Barcelona, Spain, in July 2011 - collocated with the 22nd International Joint Conference on Artificial Intelligence, IJCAI 2011. It is the first of two RuleML events that take place in 2011. The second RuleML Symposium - RuleML 2011 - America - will be held in Fort Lauderdale, FL, USA, in November 2011.

The 18 revised full papers, 8 revised short papers and 3 invited track

papers presented together with the abstracts of 2 keynote talks were carefully reviewed and selected from 58 submissions. The papers are organized in the following topical sections: rule-based distributed/multi-agent systems; rules, agents and norms; rule-based event processing and reaction rules; fuzzy rules and uncertainty; rules and the semantic Web; rule learning and extraction; rules and reasoning; and rule-based applications.