1.	Record Nr.	UNINA9910484095003321
	Titolo	Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing : 10th International Conference, RSFDGrC 2005, Regina, Canada, August 31 - September 2, 2005, Proceedings, Part II / / edited by Dominik Slezak, JingTao Yao, James F. Peters, Wojciech Ziarko, Xiaohua Hu
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (XXIV, 748 p.)
	Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 3642
	Altri autori (Persone)	SlezakDominik
	Disciplina	006.3
	Soggetti	Artificial intelligence
		Information storage and retrieval systems
		Database management
		Machine theory
		Computer science
		Pattern recognition systems
		Artificial Intelligence
		Information Storage and Retrieval
		Database Management
		Formal Languages and Automata Theory
		Theory of Computation
		Automated Pattern Recognition
	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	Invited Papers -- Rough Set Software -- Data Mining -- Hybrid and Hierarchical Methods -- Information Retrieval -- Image Recognition and Processing -- Multimedia Applications -- Medical Applications -- Bioinformatic Applications -- Web Content Analysis -- Business Applications -- Security Applications -- Industrial Applications -- Embedded Systems and Networking -- Intelligent and Sapient Systems.
	Sommario/riassunto	This volume contains the papers selected for presentation at the 10th Int- national Conference on Rough Sets, Fuzzy Sets, Data Mining, and

Granular Computing, RSFDGrC 2005, organized at the University of Regina, August 31st–September 3rd, 2005. This conference followed in the footsteps of inter- tional events devoted to the subject of rough sets, held so far in Canada, China, Japan,Poland,Sweden, and the USA. RSFDGrC achievedthe status of biennial international conference, starting from 2003 in Chongqing, China. The theory of rough sets, proposed by Zdzis law Pawlak in 1982, is a model of approximate reasoning. The main idea is based on indiscernibility relations that describe indistinguishability of objects. Concepts are represented by - proximations. In applications, rough set methodology focuses on approximate representation of knowledge derivable from data. It leads to signi?cant results in many areas such as ?nance, industry, multimedia, and medicine. The RSFDGrC conferences put an emphasis on connections between rough sets and fuzzy sets, granularcomputing, and knowledge discoveryand data m- ing, both at the level of theoretical foundations and real-life applications. In the case of this event, additional e?ort was made to establish a linkage towards a broader range of applications. We achieved it by including in the conference program the workshops on bioinformatics, security engineering, and embedded systems, as well as tutorials and sessions related to other application areas.