1.	Record Nr.	UNINA9910484167303321
	Titolo	Fuzzy Systems and Knowledge Discovery : Second International Conference, FSKD 2005, Changsha, China, August 27-29, 2005, Proceedings, Part I / / edited by Lipo Wang, Yaochu Jin
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
	ISBN	3-540-31830-5
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (XLI, 1334 p.)
	Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 3613
	Altri autori (Persone)	WangLipo JinYaochu <1966->
	Disciplina	006.33
	Soggetti	Data structures (Computer science) Information theory Artificial intelligence Machine theory Computer science Algorithms Computer vision Data Structures and Information Theory Artificial Intelligence Formal Languages and Automata Theory Theory of Computation Computer Vision
	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	Fuzzy Theory and Models -- Uncertainty Management in Data Mining -- Uncertainty Management and Probabilistic Methods in Data Mining -- Approximate Reasoning -- Axiomatic Foundation -- Fuzzy Classifiers -- Fuzzy Clustering -- Fuzzy Database Mining and Information Retrieval -- Information Fusion -- Neuro-Fuzzy Systems -- Fuzzy Control -- Fuzzy Hardware -- Knowledge Visualization and Exploration -- Sequential Data Analysis -- Parallel and Distributed Data Mining -- Rough Sets.

Sommario/riassunto

This book and its sister volume, LNAI 3613 and 3614, constitute the proce- ings of the Second International Conference on Fuzzy Systems and Knowledge Discovery (FSKD 2005), jointly held with the First International Conference on Natural Computation (ICNC 2005, LNCS 3610, 3611, and 3612) from - gust 27–29, 2005 in Changsha, Hunan, China. FSKD 2005 successfully attracted 1249 submissions from 32 countries/regions (the joint ICNC-FSKD 2005 received 3136 submissions). After rigorous reviews, 333 high-quality papers, i. e. , 206 long papers and 127 short papers, were included in the FSKD 2005 proceedings, r- resenting an acceptance rate of 26. 7%. The ICNC-FSKD 2005 conference featured the most up-to-date research - sults in computational algorithms inspired from nature, including biological, e- logical, and physical systems. It is an exciting and emerging interdisciplinary area in which a wide range of techniques and methods are being studied for dealing with large, complex, and dynamic problems. The joint conferences also promoted cross-fertilization over these exciting and yet closely-related areas, which had a signi?cant impact on the advancement of these important technologies. Speci?c areas included computation with words, fuzzy computation, granular com- tation, neural computation, quantum computation, evolutionary computation, DNA computation, chemical computation, information processing in cells and tissues, molecular computation, arti?cial life, swarm intelligence, ants colony, arti?cial immune systems, etc. , with innovative applications to knowledge d- covery, ?nance, operations research, and more.

2. Record Nr.	UNINA9910484914703321
Titolo	Combinatorial Optimization and Applications : 9th International Conference, COCOA 2015, Houston, TX, USA, December 18-20, 2015, Proceedings / / edited by Zaixin Lu, Donghyun Kim, Weili Wu, Wei Li, Ding-Zhu Du
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-26626-8
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XIII, 810 p. 198 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9486
Disciplina	519.3
Soggetti	Algorithms
	Computer science - Mathematics
	Discrete mathematics
	Numerical analysis
	Computer networks
	Computer graphics
	Discrete Mathematics in Computer Science
	Numerical Analysis
	Computer Communication Networks
	Computer Graphics
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 9th International Conference on Combinatorial Optimization and Applications, COCOA 2015, held in Houston, TX, USA, in December 2015. The 59 full papers included in the book were carefully reviewed and selected from 125 submissions. Topics covered include classic combinatorial optimization; geometric optimization; network optimization; applied optimization; complexity and game; and optimization in graphs.