1. Record Nr. UNISA996465579503316

Titolo	Artificial Intelligence and Computational Intelligence [[electronic resource]] : International Conference, AICI 2009, Shanghai, China, November 7-8, 2009, Proceedings / / edited by Hepu Deng, Lanzhou Wang, Fu Lee Wang, Jingsheng Lei
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-05253-3
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XX, 737 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 5855
Classificazione	DAT 700f
	SS 4800
Disciplina	006.3
Soggetti	Artificial intelligence
	Data mining
	Computer simulation
	Pattern recognition
	Biometrics (Biology)
	Special purpose computers
	Artificial Intelligence
	Data Mining and Knowledge Discovery
	Simulation and Modeling
	Pattern Recognition
	Biometrics
	Special Purpose and Application-Based Systems
	Kongress.
	Schanghai (2009)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based on print version record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Support Vector Machine -- Rough Set Theory -- Particle Swarm Optimization -- Neural Computation -- Intelligent Agents and Systems -- Information Security -- Immune Computation -- Genetic Algorithms -- Fuzzy Computation -- Biological Computing -- Applications of Computational Intelligence -- Ant Colony Algorithm -- Robotics --

Pattern Recognition -- Neural Networks -- Natural Language Processing -- Machine Vision -- Machine Learning -- Logic Reasoning and Theorem-Proving -- Knowledge Representation and Acquisition -- Intelligent Signal Processing -- Intelligent Scheduling -- Intelligent Information Retrieval -- Intelligent Information Fusion -- Intelligent Image Processing -- Heuristic Searching Methods -- Fuzzy Logic and Soft Computing -- Distributed AI and Agents -- Data Mining and Knowledge Discovering -- Applications of Artificial Intelligence -- Others.

Sommario/riassunto	This book constitutes the refereed proceedings of the International Conference on Artificial Intelligence and Computational Intelligence, AICI 2009, held in Shanghai, China, on November 7-8, 2009. The 79 revised full papers presented in this volume were carefully reviewed and selected from 1203 submissions. The papers are organized in topical sections on support vector machine, rough set theory, particle swarm optimization, neural computation, intelligent agents and systems, information security, immune computation, genetic algorithms, fuzzy computation, biological computing, applications of computational intelligence, ant colony algorithm, robotics, pattern recognition, neural networks, natural language processing, machine vision, machine learning, logic reasoning and theorem-proving, knowledge representation and acquisition, intelligent signal processing, intelligent scheduling, intelligent information retrieval, intelligent information fusion, intelligent image processing, heuristic searching methods, fuzzy logic and soft computing, distributed AI and agents, data mining and knowledge discovering, applications of artificial intelligence, and others.