

1. Record Nr.	UNINA9910483230803321
Titolo	Advances in Computation and Intelligence : Third International Symposium on Intelligence Computation and Applications, ISICA 2008 Wuhan, China, December 19-21, 2008 Proceedings // edited by Xuesong Yan
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-92137-0
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XVIII, 866 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5370
Disciplina	006.3
Soggetti	Artificial intelligence Computer science Data mining Computer simulation Image processing - Digital techniques Computer vision Bioinformatics Artificial Intelligence Models of Computation Data Mining and Knowledge Discovery Computer Modelling Computer Imaging, Vision, Pattern Recognition and Graphics Computational and Systems Biology
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 author index.
Nota di contenuto	Section I: Computational Intelligence -- Section II: Evolutionary Computation -- Section III: Evolutionary Multi-objective and Dynamic Optimization -- Section IV: Evolutionary Learning Systems -- Section V: Neural Networks -- Section VI: Classification and Recognition -- Section VII: Bioinformatics and Bioengineering -- Section VIII: Evolutionary Data Mining and Knowledge Discovery -- Section IX: Intelligent GIS and Control -- Section X: Theory of Intelligent

Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Symposium on Intelligence Computation and Applications, ISICA 2008, held in Wuhan, China, in December 2008. The 93 revised full papers were carefully reviewed and selected from about 700 submissions. The papers are organized in topical sections on computational intelligence, evolutionary computation, evolutionary multi-objective and dynamic optimization, evolutionary learning systems, neural networks, classification and recognition, bioinformatics and bioengineering, evolutionary data mining and knowledge discovery, intelligent GIS and control, theory of intelligent computation, combinational and numerical optimization, as well as real-world applications.
