1. Record Nr. UNISA996465538303316

Titolo	Bio-Inspired Systems: Computational and Ambient Intelligence [[electronic resource]] : 10th International Work-Conference on Artificial Neural Networks, IWANN 2009, Salamanca, Spain, June 10-12, 2009. Proceedings, Part I / / edited by Joan Cabestany, Francisco Sandoval, Alberto Prieto, Juan Manuel Corchado Rodríguez
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	1-280-38305-4 9786613560964 3-642-02478-5
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (LXVI, 1356 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5517
Disciplina	004
Soggetti	Bioinformatics Pattern recognition systems Artificial intelligence Data mining Computer science Computational and Systems Biology Automated Pattern Recognition Artificial Intelligence Data Mining and Knowledge Discovery Models of Computation
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	Theoretical Foundations and Models -- Learning and Adaptation -- Self-organizing Networks, Methods and Applications -- Fuzzy Systems -- Evolutionary Computation and Genetic Algoritms -- Pattern Recognition -- Formal Languages in Linguistics -- Agents and Multi-agent on Intelligent Systems -- Brain-Computer Interface (BCI) -- Multiobjetive Optimization -- Robotics -- Bioinformatics -- Biomedical Applications -- Ambient Assisted Living (AAL) and Ambient Intelligence

(AI) -- Other Applications.

Sommario/riassunto

This book constitutes the refereed proceedings of the 10th International Work-Conference on Artificial Neural Networks, IWANN 2009, held in Salamanca, Spain in June 2009. The 167 revised full papers presented together with 3 invited lectures were carefully reviewed and selected from over 230 submissions. The papers are organized in thematic sections on theoretical foundations and models; learning and adaptation; self-organizing networks, methods and applications; fuzzy systems; evolutionary computation and genetic algoritms; pattern recognition; formal languages in linguistics; agents and multi-agent on intelligent systems; brain-computer interfaces (bci); multiobjetive optimization; robotics; bioinformatics; biomedical applications; ambient assisted living (aal) and ambient intelligence (ai); other applications.