1. Record Nr. UNINA9910484230403321

Titolo	Artificial Neural Networks - ICANN 2008 : 18th International Conference, Prague, Czech Republic, September 3-6, 2008, Proceedings Part I / / edited by Jan Koutnik, Vera Kurkova-Pohlova, Roman Neruda
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-87536-0
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XXIX, 1026 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5163
Disciplina	006.32
Soggetti	Artificial intelligence Computer science Neurosciences Pattern recognition systems Application software Artificial Intelligence Theory of Computation Neuroscience Automated Pattern Recognition Computer and Information Systems Applications
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	Mathematical Theory of Neurocomputing -- Learning Algorithms -- Kernel Methods, Statistical Learning, and Ensemble Techniques -- Support Vector Machines -- Reinforcement Learning -- Evolutionary Computing -- Hybrid Systems -- Self-organization -- Control and Robotics -- Signal and Time Series Processing -- Image Processing -- Image Processing – Recognition Systems.
Sommario/riassunto	This two volume set LNCS 5163 and LNCS 5164 constitutes the refereed proceedings of the 18th International Conference on Artificial Neural Networks, ICANN 2008, held in Prague Czech Republic, in September 2008. The 200 revised full papers presented were carefully reviewed and selected from more than 300 submissions. The first

volume contains papers on mathematical theory of neurocomputing, learning algorithms, kernel methods, statistical learning and ensemble techniques, support vector machines, reinforcement learning, evolutionary computing, hybrid systems, self-organization, control and robotics, signal and time series processing and image processing.