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Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 2686
Disciplina	006.32
Soggetti	Artificial intelligence Computer science Algorithms Computer vision Pattern recognition systems Evolution (Biology) Artificial Intelligence Theory of Computation Computer Vision Automated Pattern Recognition Evolutionary 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 at the end of each chapters and index.
Nota di contenuto	Biological Models -- Functional Models -- Learning -- Self-Organizing Systems -- Artificial Intelligence and Cognition -- Bioinspired Developments.
Sommario/riassunto	The two-volume set LNCS 2686 and LNCS 2687 constitute the refereed proceedings of the 7th International Work-Conference on Artificial and Natural Neural Networks, IWANN 2003, held in Mao, Menorca, Spain in June 2003. The 197 revised papers presented were carefully reviewed and selected for inclusion in the book and address the following topics: mathematical and computational methods in neural modelling,

neurophysiological data analysis and modelling, structural and functional models of neurons, learning and other plasticity phenomena, complex systems dynamics, cognitive processes and artificial intelligence, methodologies for net design, bio-inspired systems and engineering, and applications in a broad variety of fields.

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