

1. Record Nr.	UNINA9910299685903321
Titolo	Recent Advances in Natural Computing : Selected Results from the IWNC 7 Symposium // edited by Yasuhiro Suzuki, Masami Hagiya
Pubbl/distr/stampa	Tokyo : , : Springer Japan : , : Imprint : Springer, , 2015
ISBN	4-431-55105-0
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (139 p.)
Collana	Mathematics for Industry, , 2198-350X ; ; 9
Disciplina	003.3 006.3
Soggetti	Computational intelligence Computer simulation Computer mathematics Statistics Bioinformatics Computational Intelligence Simulation and Modeling Computational Science and Engineering Statistics and Computing/Statistics Programs Computational Biology/Bioinformatics Conference papers and proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapter and index.
Nota di contenuto	Recent Developments on Reaction Automata Theory; A Survey -- Comparison of Two Interval Models for Fuzzy-valued Genetic Algorithm -- Convergence of asynchronous cellular automata (under null boundary condition) and their application in pattern classification -- Science, So Close and Yet So Far Away; How People View Science, Science Subjects and Scientists -- Towards Cyber-Phenomenology: Aesthetics and Natural Computing in Multi-Level Information Systems -- Toward Another Possible Visualization of Messaging; The First Short Step from Klee to Scientific Visualization -- The Generation of Emotional Transmission via Medium-Perceiving Drawing System and

The Plasticity of Subjects -- Fat as Soft Architecture; The Spontaneous Transformation of Lipids into Organic Geometries with Predefined Biophysical Properties -- Breeding-Back of Goldfish as a Practice that Mediates Between Experimental Biology and Aesthetics.

Sommario/riassunto

This book highlights recent advances in natural computing, including biology and its theory, bio-inspired computing, computational aesthetics, computational models and theories, computing with natural media, philosophy of natural computing and educational technology. It presents extended versions of the best papers selected from the symposium "7th International Workshop on Natural Computing" (IWNC7), held in Tokyo, Japan, in 2013. The target audience is not limited to researchers working in natural computing but also those active in biological engineering, fine/media art design, aesthetics and philosophy.
