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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Artificial Neural Networks -- Biodegradability Prediction.-Cellular Automata -- Evolutionary Algorithms -- Swarm Intelligence -- Emergent Systems -- Artificial Life -- Lindenmayer Systems -- Digital Organisms -- Artificial Immune Systems -- Membrane Computing -- Simulated Annealing -- Communication Networks and Protocols -- Computing with Words -- Common Sense Computing -- Cognitive Modeling and Architecture -- Connectionism -- Metaheuristics.-Hybrid Approaches -- Quantum Computing.
Sommario/riassunto	World Congress on Nature and Biologically Inspired Computing (NaBIC) is organized to discuss the state-of-the-art as well as to address various issues with respect to Nurturing Intelligent Computing Towards Advancement of Machine Intelligence. This Volume contains the papers presented in the Seventh World Congress (NaBIC'15) held in Pietermaritzburg, South Africa during December 01-03, 2015. The 39 papers presented in this Volume were carefully reviewed and selected.

The Volume would be a valuable reference to researchers, students and practitioners in the computational intelligence field.
