

1. Record Nr.	UNINA9910413447303321
Titolo	Artificial Life and Evolutionary Computation : 14th Italian Workshop, WIVACE 2019, Rende, Italy, September 18–20, 2019, Revised Selected Papers // edited by Franco Cicirelli, Antonio Guerrieri, Clara Pizzuti, Annalisa Socievole, Giandomenico Spezzano, Andrea Vinci
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-45016-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (X, 185 p. 61 illus., 45 illus. in color.)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1200
Disciplina	003.7
Soggetti	Artificial intelligence Computer networks Application software Computer science - Mathematics Computer science Artificial Intelligence Computer Communication Networks Computer and Information Systems Applications Mathematics of Computing Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Towards an Assistive Social Robot Interacting with Human Patient to Establish a Mutual and Effective Support -- Selecting for Positive Responses to Knock outs in Boolean Networks -- Avalanches of Perturbations in Modular Gene Regulatory Networks -- The Effects of a Simplified Model of Chromatin Dynamics on Attractors Robustness in Random Boolean Networks with Self-loops: an Experimental Study -- A Memetic Approach for the Orienteering Problem -- The Detection of Dynamical Organization in Cancer Evolution Models -- The Simulation of Noise Impact on the Dynamics of a Discrete Chaotic Map -- Exploiting Distributed Discrete-Event Simulation Techniques for Parallel

Execution of Cellular Automata -- A Relevance Index-based Method for Improved Detection of Malicious Users in Social Networks -- An Analysis of Cooperative Coevolutionary Differential Evolution as Neural Networks Optimizer -- Design and Evaluation of a Heuristic Optimization Tool Based on Evolutionary Grammars Using PSoCs -- How Word Choice Affects Cognitive Impairment Detection by Handwriting Analysis: a Preliminary Study -- Modeling the Coordination of a Multiple Robots Using Nature Inspired Approaches -- Nestedness Temperature in the Agent-Artifact Space: Emergence of Hierarchical Order in the 2000-2014 Photonics Techno-Economic Complex System -- Towards Programmable Chemistries -- Studying and Simulating the Three-dimensional Arrangement of Droplets -- Investigating Three-dimensional Arrangements of Droplets.

Sommario/riassunto

Chapters 14, 15, 16, and 17 are available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.
