

1. Record Nr.	UNISALENT0991001734989707536
Autore	Bachelard, Gaston
Titolo	L'air et les songes : essai sur l'imagination du mouvement / Gaston Bachelard
Pubbl/distr/stampa	Paris : José Corti, 1943
Edizione	[4. ed.]
Descrizione fisica	308 p.
Disciplina	150.1954
Soggetti	Psicanalisi - Sogno - Interpretazione
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910349388303321
Titolo	Theory and Practice of Natural Computing : 7th International Conference, TPNC 2018, Dublin, Ireland, December 12–14, 2018, Proceedings // edited by David Fagan, Carlos Martín-Vide, Michael O'Neill, Miguel A. Vega-Rodríguez
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	9783030040703 3030040704
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XII, 474 p. 155 illus., 100 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11324
Disciplina	006 006.38
Soggetti	Algorithms Artificial intelligence Computer networks Artificial Intelligence Computer Communication Networks
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Explainable AI and Fuzzy Logic Systems -- Computing Preimages and Ancestors in Reaction Systems -- Poisson Equation Solution and Its Gradient Vector Field to Geometric Features Detection -- Self-organised Aggregation in Swarms of Robots with Informed Robots -- Spatial Types: a Scheme for Specifying Complex Cellular Automata to Explore Artificial Physics -- Application of STRIM to Datasets Generated by Partial Correspondence Hypothesis -- Multi-party Computation Based on Physical Coins -- Patterns and Their Interaction in Excitable Media on Face-centered Cubic Lattice -- Graph Minors from Simulated Annealing for Annealing Machines with Sparse Connectivity -- Gaussian-kernel c-means Clustering Algorithms -- A Linear Constrained Optimization Benchmark for Probabilistic Search Algorithms: the Rotated Klee-Minty Problem -- The Design of (Almost) Disjunct Matrices by Evolutionary Algorithms -- Landscape-aware Constraint Handling Applied to Differential Evolution -- Fuel Efficient Truck Platooning with Time Restrictions and Multiple Speeds Solved by a Particle Swarm Optimisation -- Automated Design of Genetic Programming Classification Algorithms for Financial Forecasting Using Evolutionary Algorithms -- Optimizing Fleet Staging of Air Ambulances in the Province of Ontario -- A Hierarchical Approach to Grammar-guided Genetic Programming: the Case of Scheduling in Heterogeneous Networks -- Multi-memetic Mind Evolutionary Computation Algorithm Based on the Landscape Analysis -- DNA-guided Assembly of Nanocellulose Meshes -- Classically Time-controlled Quantum Automata -- Mortal Organisms Rescue Immortal Organisms from Evolutionary Inertness: Perspective of the Programmed Self-decomposition Model -- Integrative Biological, Cognitive and Affective Modeling of a Drug-therapy for a Post-traumatic Stress Disorder -- Symbolic Analysis of Machine Behaviour and the Emergence of the Machine Language -- It Is Time to Dissolve Old Dichotomies in order to Grasp the Whole Picture of Cognition -- Network-oriented Modeling of the Interaction of Adaptive Joint Decision Making, Bonding and Mirroring -- Network Reification as a Unified Approach to Represent Network Adaptation Principles within a Network -- Relating an Adaptive Network's Structure to Its Emerging Behaviour for Hebbian Learning -- On Capacity with Incremental Learning by Simplified Chaotic Neural Network -- Tighter Guarantees for the Compressive Multi-layer Perceptron -- Information-theoretic Self-compression of Multi-layered Neural Networks -- Radial Basis Function Networks Simulation of Age-structure Population -- Bio-inspired Spiking Neural Networks for Facial Expression Recognition: Generalisation Investigation -- Novel Ensembling Methods for Dermatological Image Classification -- SemVec: Semantic Features Word Vectors Based Deep Learning for Improved Text Classification -- Three Analog Neurons Are Turing Universal.
Sommario/riassunto	This book constitutes the refereed proceedings of the 7th International Conference on Theory and Practice of Natural Computing, TPNC 2017, held in Dublin, Ireland, in December 2018. The 35 full papers presented in this book, together with one invited talk, were carefully reviewed and selected from 69 submissions. The papers are organized around the following topical sections: applications of natural computing as algorithms, bioinformatics, control, cryptography,

design, economics. The more theoretical contributions handle with artificial chemistry, artificial immune systems, artificial life, cellular automata, cognitive computing, cognitive engineering, cognitive robotics, collective behaviour, complex systems, computational intelligence, computational social science, computing with words, developmental systems, DNA computing, DNA nanotechnology, evolutionary algorithms, evolutionary computing, evolutionary game theory, fractal geometry, fuzzy control, fuzzy logic, fuzzy sets, fuzzy systems, genetic algorithms, genetic programming, granular computing, heuristics, intelligent agents, intelligent systems, machine intelligence, molecular programming, neural computing, neural networks, quantum communication, quantum computing, rough sets, self-assembly.

---