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Nota di contenuto	Conceptual, Formal, and Theoretical Frameworks -- Fugue: An Interactive Immersive Audiovisualisation and Artwork Using an Artificial Immune System -- Clonal Selection Algorithms: A Comparative Case Study Using Effective Mutation Potentials -- Not All Balls Are Round: An Investigation of Alternative Recognition-Region Shapes -- A Generic Framework for Population-Based Algorithms, Implemented on Multiple FPGAs -- An AIS-Based Dynamic Routing (AISDR) Framework -- Biomolecular Immune-Computer: Theoretical Basis and Experimental Simulator -- What Have Gene Libraries Done for AIS? -- Why the First Glass of Wine Is Better Than the Seventh -- Towards a Conceptual Framework for Innate Immunity -- Inspiration for the Next Generation of Artificial Immune Systems -- Two Ways to Grow Tissue for Artificial

Immune Systems -- Introducing Dendritic Cells as a Novel Immune-Inspired Algorithm for Anomaly Detection -- Cooperative Automated Worm Response and Detection ImmuNe ALgorithm(CARDINAL) Inspired by T-Cell Immunity and Tolerance -- Immunoinformatics -- Mathematical Modeling of Immune Suppression -- Evaluating Theories of Immunological Memory Using Large-Scale Simulations -- The Quaternion Model of Artificial Immune Response -- A Comparative Study on Modeling Strategies for Immune System Dynamics Under HIV-1 Infection -- Theoretical and Experimental Studies on Artificial Immune Systems -- Handling Constraints in Global Optimization Using an Artificial Immune System -- Multiobjective Optimization by a Modified Artificial Immune System Algorithm -- A Comparative Study of Real-Valued Negative Selection to Statistical Anomaly Detection Techniques -- Immunity from Spam: An Analysis of an Artificial Immune System for Junk Email Detection -- Adaptive Radius Immune Algorithm for Data Clustering -- Quantum-Inspired Immune Clonal Algorithm -- A Markov Chain Model of the B-Cell Algorithm -- Fuzzy Continuous Petri Net-Based Approach for Modeling Helper T Cell Differentiation -- A Peer-to-Peer Blacklisting Strategy Inspired by Leukocyte-Endothelium Interaction -- Self-regulating Method for Model Library Based Artificial Immune Systems -- Polymorphism and Danger Susceptibility of System Call DASTONs -- Applications of Artificial Immune Systems -- General Suppression Control Framework: Application in Self-balancing Robots -- Application of an Artificial Immune System in a Compositional Timbre Design Technique -- Immunising Automated Teller Machines -- Fault Detection Algorithm for Telephone Systems Based on the Danger Theory -- Design and Simulation of a Biological Immune Controller Based on Improved Varela Immune Network Model -- Applying the Clonal Selection Principle to Find Flexible Job-Shop Schedules -- The Medical Applications of Attribute Weighted Artificial Immune System (AWAIS): Diagnosis of Heart and Diabetes Diseases -- Designing Ensembles of Fuzzy Classification Systems: An Immune-Inspired Approach -- Application Areas of AIS: The Past, The Present and The Future.