

## Список литературы

- [1] R. O. CANHAM and A. M. TYRRELL, A Multilayered Immune System for Hardware Fault Tolerance within an Embryonic Array, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 3–11, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [2] K. P. ANCHOR, J. B. ZYDALLIS, G. H. HUNCH, and G. B. LAMONT, Extending the Computer Defense Immune System: Network Intrusion Detection with a Multiobjective Evolutionary Programming Approach, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 12–21, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [3] S. SATHYANATH and F. SAHIN, AISIMAM - An Artificial Immune System Based Intelligent Multi-Agent Model and its Application to a Mine Detection Problem, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 22–31, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [4] A. O. TARAKANOV, L. B. GONCHAROVA, T. V. GUPALOVA, S. V. KVACHEV, and A. V. SUKHORUKOV, Immunocomputing for Bioarrays, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 32–40, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [5] R. A. KROHLING, Y. ZHOU, and A. M. TYRRELL, Evolving FPGA-based Robot Controllers using an Evolutionary Algorithm, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 41–46, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [6] E. HART and P. ROSS, Exploiting the Analogy Between Immunology and Sparse Distributed Memories: A System for Clustering Non-stationary Data, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 49–58, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [7] J. KIM and P. J. BENTLEY, Immune Memory in the Dynamic Clonal Selection Algorithm, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 59–67, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [8] S. WIERZCHON and U. KUZELEWSKA, Stable Clusters Formation in an Artificial Immune System, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 68–75, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [9] M. NEAL, An Artificial Immune System for Continuous Analysis of Time-Varying Data, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 76–85, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [10] M. AYARA, J. TIMMIS, R. DE LEMOS, L. N. DE CASTRO, and R. DUNCAN, Negative Selection: How to Generate Detectors, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 89–98, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [11] S. SINGH, Anomaly Detection Using Negative Selection Based on the r-contiguous Matching Rule, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 99–106, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.

- [12] H. BERSINI, Self-Assertion versus Self-Recognition: A Tribute to Francisco Varela, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 107–112, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [13] P. A. VARGAS, L. N. DE CASTRO, and F. VON ZUBEN, Artificial Immune Systems as Complex Adaptive Systems, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 115–123, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [14] J. KAERS, R. WHEELER, and H. VERRELST, Building a Robust Distributed Artificial Immune Systems, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 124–131, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [15] D. L. CHAO and S. FORREST, Information Immune Systems, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 132–140, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [16] U. AICKELIN and S. CAYZER, The Danger Theory and Its Application to Artificial Immune Systems, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 141–148, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [17] G. MARWAH and L. BOGGESE, Artificial Immune Systems for Classification: Some Issues, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 149–153, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [18] S. CAYZER and U. AICKELIN, On the Effects of Idiotypic Interactions for Recommendation Communities in Artificial Immune Systems, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 154–160, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [19] T. MORRISON and U. AICKELIN, An Artificial Immune System as a Recommender for Web Sites, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 161–169, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [20] A. WATKINS and J. TIMMIS, Artificial Immune Recognition System (AIRS): Revisions and Refinements, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 173–181, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [21] J. KIM and P. J. BENTLEY, A Model of Gene Library Evolution in the Dynamic Clonal Selection Algorithm, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 182–189, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [22] A. GASPAR and B. HIRSBRUNNER, From Optimization to Learning in Learning in Changing Environments: The Pittsburgh Immune Classifier System, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 190–199, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [23] F. GONZALEZ and D. DASGUPTA, Neuro-Immune and Self-Organising Map Approaches to Anomaly Detection: A Comparison, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 203–211, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.

- [24] C. A. COELLO COELLO and N. CRUZ CORTES, An Approach to Solve Multiobjective Optimization Problems Based on an Artificial Immune System, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 212–221, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [25] S. P. SOKOLOVA and L. A. SOKOLOVA, Immunocomputing for Complex Interval Objects, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 222–230, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.
- [26] L. N. DE CASTRO and J. TIMMIS, Hierarchy and Convergence of Immune Networks: Basic Ideas and Preliminary Results, in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, edited by J. TIMMIS and P. J. BENTLEY, pp. 231–240, University of Kent at Canterbury, 2002, University of Kent at Canterbury Printing Unit.