# 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)*, J. Timmis and P. J. Bentley, eds., pp. 3–11. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 12–21. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 22–31. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 32–40. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 41–46. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 49–58. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 59–67. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 68–75. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 76–85. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 89–98. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 99–106. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 107–112. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 115–123. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 124–131. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[15] D. L. Chao and S. Forrest, "Information Immune Systems," in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, J. Timmis and P. J. Bentley, eds., pp. 132–140. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 141–148. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[17] G. Marwah and L. Boggess, "Artificial Immune Systems for Classification: Some Issues," in *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, J. Timmis and P. J. Bentley, eds., pp. 149–153. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 154–160. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 161–169. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 173–181. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 182–189. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 190–199. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 203–211. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 212–221. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 222–230. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.

[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)*, J. Timmis and P. J. Bentley, eds., pp. 231–240. University of Kent at Canterbury Printing Unit, University of Kent at Canterbury, September, 2002. http://www.aber.ac.uk/icaris-2002.