Список литературы

- [1] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 141–148. [Online]. Available: 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 12–21. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [3] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 89–98. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [4] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 107–112. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [5] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 3–11. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [6] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 154–160. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [7] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 132–140. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [8] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 212–221. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [9] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 231–240. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [10] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 190–199. [Online]. Available: http://www.aber.ac.uk/icaris-2002

- [11] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 203–211. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [12] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 49–58. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [13] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 124–131. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [14] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 59–67. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [15] ——, "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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 182–189. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [16] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 41–46. [Online]. Available: 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 149–153. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [18] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 161–169. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [19] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 76–85. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [20] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 22–31. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [21] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 99–106. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [22] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 222–230. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [23] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 32–40. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [24] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 115–123. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [25] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 173–181. [Online]. Available: http://www.aber.ac.uk/icaris-2002
- [26] 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. University of Kent at Canterbury: University of Kent at Canterbury Printing Unit, September 2002, pp. 68–75. [Online]. Available: http://www.aber.ac.uk/icaris-2002