Список литературы

[Aickelin:2002:ICARIS] Uwe Aickelin and Steve Cayzer. The danger theory and its application to artificial immune systems. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 141–148, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Anchor:2002:ICARIS] Kevin P. Anchor, Jesse B. Zydallis, Gregg H. Hunch, and Gary B. Lamont. Extending the computer defense immune system: Network intrusion detection with a multiobjective evolutionary programming approach. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 12–21, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Ayara:2002:ICARIS] Modupe Ayara, Jonathan Timmis, Rogerio de Lemos, Leandro N. de Castro, and Ross Duncan. Negative selection: How to generate detectors. In J Timmis and P J Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems* (ICARIS), pages 89–98, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Bersini:2002:ICARIS] Hugues Bersini. Self-assertion versus self-recognition: A tribute to Francisco Varela. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 107–112, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Canham:2002:ICARIS] R. O. Canham and A. M. Tyrrell. A multilayered immune system for hardware fault tolerance within an embryonic array. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems* (ICARIS), pages 3–11, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Cayzer:2002:ICARIS] Steve Cayzer and Uwe Aickelin. On the effects of idiotypic interactions for recommendation communities in artificial immune systems. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 154–160, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Chao:2002:ICARIS] Dennis L. Chao and Stephanie Forrest. Information immune systems. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 132–140, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Coello:2002:ICARIS] Carlos A. Coello Coello and Nareli Cruz Cortes. An approach to solve multiobjective optimization problems based on an artificial immune system. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 212–221, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Gaspar:2002:ICARIS] Alessio Gaspar and Beat Hirsbrunner. From optimization to learning in learning in changing environments: The pittsburgh immune classifier system. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 190–199, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Gonzalez:2002:ICARIS] Fabio Gonzalez and Dipankar Dasgupta. Neuro-immune and self-organising map approaches to anomaly detection: A comparison. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 203–211, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Hart:2002:ICARIS] Emma Hart and Peter Ross. Exploiting the analogy between immunology and sparse distributed memories: A system for clustering non-stationary data. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 49–58, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[JKim:2002:ICARIS] J. Kim and Peter J. Bentley. Immune memory in the dynamic clonal selection algorithm. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 59–67, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Kaers:2002:ICARIS] Johan Kaers, Richard Wheeler, and Herman Verrelst. Building a robust distributed artificial immune systems. In Jonathan Timmis and Peter J. Bentley, editors, Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS), pages 124–131, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Kim:2002:ICARIS] J. Kim and Peter J. Bentley. A model of gene library evolution in the dynamic clonal selection algorithm. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 182–189, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Krohling:2002:ICARIS] Renato A. Krohling, Yuchao Zhou, and Andy M. Tyrrell. Evolving fpga-based robot controllers using an evolutionary algorithm. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 41–46, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Marwah:2002:ICARIS] Gaurav Marwah and Lois Boggess. Artificial immune systems for classification: Some issues. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 149–153, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Morrison:2002:ICARIS] Tom Morrison and Uwe Aickelin. An artificial immune system as a recommender for web sites. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 161–169, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Neal:2002:ICARIS] Mark Neal. An artificial immune system for continuous analysis of time-varying data. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 76–85, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Sathyanath:2002:ICARIS] Srividhya Sathyanath and Ferat Sahin. AISIMAM - an artificial immune system based intelligent multi-agent model and its application to a mine detection problem. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 22–31, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Singh:2002:ICARIS] Shantanu Singh. Anomaly detection using negative selection based on the r-contiguous matching rule. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 99–106, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Sokolova:2002:ICARIS] Svetlana P. Sokolova and Ludmilla A. Sokolova. Immunocomputing for complex interval objects. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 222–230, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Tarakanov:2002:ICARIS] Alexander O. Tarakanov, Larisa B. Goncharova, Tatyana V. Gupalova, Sergei V. Kvachev, and Alexander V. Sukhorukov. Immunocomputing for bioarrays. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 32–40, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Vargas:2002:ICARIS] Patricia A. Vargas, Leandro N. de Castro, and Fernando von Zuben. Artificial immune systems as complex adaptive systems. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems* (ICARIS), pages 115–123, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Watkins:2002:ICARIS] Andrew Watkins and Jonathan Timmis. Artificial immune recognition system (airs): Revisions and refinements. In Jonathan Timmis and Peter J. Bentley, editors, Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS), pages 173–181, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[Wierzchon:2002:ICARIS] S. Wierzchon and U. Kuzelewska. Stable clusters formation in an artificial immune system. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 68–75, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002

[deCastro:2002:ICARIS] Leandro N. de Castro and Jonathan Timmis. Hierarchy and convergence of immune networks: Basic ideas and preliminary results. In Jonathan Timmis and Peter J. Bentley, editors, *Proceedings of the 1st International Conference on Artificial Immune Systems (ICARIS)*, pages 231–240, University of Kent at Canterbury, September 2002. University of Kent at Canterbury Printing Unit.

URL http://www.aber.ac.uk/icaris-2002