

Список литературы

- [Agui 03] A. H. Aguirre, E. C. G. Equihua, and C. A. Coello Coello. “Synthesis of Boolean Functions using Information Theory”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 218–227, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Arau 03] S. G. Araujo, A. Mesquita, and A. C. P. Pedroza. “Using Genetic Programming and High Level Synthesis to Design Optimized Datapath”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 434–445, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Aune 03] S. Aunet and M. Hartmann. “Real-time Reconfigurable Linear Threshold Elements and Some Applications to Neural Hardware”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 365–376, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Azha 03] M. A. H. B. Azhar and K. R. Dimond. “Hardware Implementation of a Genetic Controller and Effects of Training on Evolution”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 344–354, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Bent 03] P. J. Bentley. “Evolving Fractal Proteins”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 81–92, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Blyn 03] J. Blynel. “Evolving Reinforcement Learning-Like Abilities for Robots”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 320–331, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Canh 03] R. Canham and A. M. Tyrrell. “A Learning, Multi-layered, Hardware Artificial Immune System Implemented upon an Embryonic Array”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 174–185, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Coel 03] C. A. C. Coello, E. H. Luna, and A. H. Aguirre. “Use of Particle Swarm Optimization to Design Combinational Logic Circuits”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 398–409, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Corn 03] F. Corno, F. Cumani, and G. Squillero. “Exploiting Auto-adaptive μ -GP for Highly Effective Test Programs Generation”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 262–273, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [de D 03] H. de Degaris, A. Gaur, and R. Sriram. “Quantum versus Evolutionary Systems. Total versus Sampled Search”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 457–466, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Down 03] K. L. Downing. “Developmental Models for Emergent Computation”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 105–116, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Erik 03] J. Eriksson, O. Torres, A. Mitchell, G. Tucker, K. Lindsay, D. Halliday, J. Rosenberg, J.-M. Moreno, and A. E. P. Villa. “Spiking Neural Networks for Reconfigurable POetic Tissue”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology*

- to *Hardware, Fifth International Conference, ICES 2003*, pp. 165–173, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Estr 03] G. G. Estrada. “A Note on Designing Logical Circuits using SAT”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 410–421, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Garv 03] M. Garvie and A. Thompson. “Evolution of Self-diagnosing Hardware”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 238–248, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Gold 03] R. Goldsmith. “Real World Hardware Evolution: A Mobile Platform for Sensor Evolution”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 355–364, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Gree 03] A. J. Greensted and A. M. Tyrrell. “Fault Tolerance via Endocrinologic Based Communication for Multiprocessor Systems”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 24–34, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Kuma 03] S. Kumar and P. J. Bentley. “Biologically Inspired Evolutionary Development”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 57–68, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Li 03] J. H. Li and M. H. Lim. “Evolvable Fuzzy System for ATM Cell Scheduling”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 208–217, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Lohn 03] J. Lohn, G. Larchev, and R. DeMara. “A Genetic Representation for Evolutionary Fault Recovery in Virtex FPGAs”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 47–56, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Lund 03] H. H. Lund, R. L. Larsen, and E. H. Østergaard. “Distributed Control in Self-reconfigurable Robots”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 296–307, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Mill 03] J. F. Miller and P. Thomson. “A Developmental Method for Growing Graphs and Circuits”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 93–104, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Orte 03] C. Ortega-Sanchez, J. Torres-Jimenez, and J. Morales-Cruz. “Routing of Embryonic Arrays Using Genetic Algorithms”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 249–261, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Oste 03] E. H. Østergaard and H. H. Lund. “Co-evolving Complex Robot Behavior”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 308–319, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
 - [Rogg 03] D. Roggen, D. Floreano, and C. Mattiussi. “A Morphogenetic Evolutionary System: Phylogenesis of the POetic Circuit”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 153–164, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.

- [Schm 03] T. Schmitz, S. Hohmann, K. Meier, J. Schemmel, and F. Schurmann. “Speeding up Hardware Evolution: A Coprocessor for Evolutionary Algorithms”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 274–285, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Schn 03] T. Schnier and X. Yao. “Using Negative Correlation to Evolve Fault-Tolerant Circuits”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 35–46, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Seka 03] L. Sekanina. “Virtual Reconfigurable Circuits for Real-World Applications of Evolvable Hardware”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 186–197, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Smit 03] S. L. Smith, D. P. Crouch, and A. M. Tyrrell. “Evolving Image Processing Operations for an Evolvable Hardware Environment”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 332–343, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Tana 03] F. Tanaka, A. Kameda, M. Yamamoto, and A. Ohuchi. “The Effect of the Bulge Loop upon the Hybridization Process in DNA Computing”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 446–456, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Temp 03] G. Tempesti, D. Roggen, E. Sanchez, Y. Thoma, R. Canham, and A. M. Tyrrell. “Ontogenetic Development and Fault Tolerance in the POetic Tissue”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 141–152, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Teus 03] C. Teuscher and M. S. Capcarrere. “On Fireflies, Cellular Systems, and Evolware”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 1–12, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Torr 03] J. Torresen. “Evolving Multiplier Circuits by Training Set and Training Vector Partitioning”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 228–237, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Tuft 03] G. Tuft and P. C. Haddow. “Building Knowledge into Developmental Rules for Circuit Design”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 69–80, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Tyrr 03] A. M. Tyrrell, E. Sanchez, D. Floreano, G. Tempesti, D. Mange, J.-M. Moreno, J. Rosenberg, and A. E. P. Villa. “POetic Tissue: An Integrated Architecture for Bio-inspired Hardware”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 129–140, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Van 03a] W. Van Belle, T. Mens, and T. D’Hondt. “Using Genetic Programming to Generate Protocol Adaptors for Interprocess Communication”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 422–433, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.

- [van 03b] R. van de Haar and J. Hoekstra. “Simulation of a Neural Node Using SET Technology”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 377–386, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [van 03c] P. van Remortel, J. Ceuppens, A. Defaweux, T. Lenaerts, and B. Manderick. “Developmental Effects on Tuneable Fitness Landscapes”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 117–128, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Venk 03] N. Venkateswaran and C. Chandramouli. “General Purpose Processor Architecture for Modeling Stochastic Biological Neuronal Assemblies”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 387–397, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Yasu 03] M. Yasunaga, I. Yoshihara, and J. H. Kim. “Gene Finding Using Evolvable Reasoning Hardware”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 198–207, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Zebu 03] R. S. Zebulum, A. Stoica, D. Keymeulen, M. I. Ferguson, V. Duong, X. Guo, and V. Vorperian. “Automatic Evolution of Signal Separators using Reconfigurable Hardware”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 286–295, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.
- [Zinc 03] L. Zinchenko, H. Muhlenbein, V. Kureichik, and T. Mahnig. “A Comparison of Different Circuit Representations for Evolutionary Analog Circuit Design”. In: A. M. Tyrrell, P. C. Haddow, and J. Torresen, Eds., *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, pp. 13–23, Springer-Verlag, Trondheim, Norway, 17-20 March 2003.