## Список литературы

- [Aggarwal, 2003] Aggarwal, V. (2003). "Evolving Sinusoidal Oscillators Using Genetic Algorithms". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 67–76, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Aguirre and Coello, 2003] Aguirre, A. and Coello, C. (2003). "Fitness Landscape and Evolutionary Boolean Synthesis using Information Theory Concepts". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 13–20, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Amaral et al., 2003] Amaral, J. F.; Santini, C.; Tanscheit, R.; Vellasco, M.; Pacheco, M.; and Mesquita, A. (2003). "Evolvable Building Blocks for Analog Fuzzy Logic Controllers". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 101–110, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [A.Stoica et al., 2003] A.Stoica; R.Zebulum; X.Guo; D.Keymeulen; Duong, V.; and M.I.Ferguson (2003). "Silicon Validation of Evolution-Designed Circuits". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 21–25, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Botelho et al., 2003] Botelho, J.; Leonardo, B.; Vieira, P.; and Mesquita, A. (2003). "An Experiment on Nonlinear synthesis Using Evolutionary Techniques Based only on CMOS Transistors". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 50–58, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Coello et al., 2003] Coello, C.; Alba, E.; Luque, G.; and Aguirre, A. (2003). "Comparing Different Serial and Parallel Heuristics to Design Combinatorial Logic Circuits". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 3–12, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Dinerstein et al., 2003] Dinerstein, J.; Dinerstein, N.; and de Garis, H. (2003). "Automatic Multi-Module Neural Network Evolution in an Artificial Brain". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 273–276, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Gallagher, 2003] Gallagher, J. (2003). "The Once and Future Analog Alternative: Evolvable Hardware and Analog Computation". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 43–49, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Garvie and Thompson, 2003] Garvie, M. and Thompson, A. (2003). "Evolution of Combinationial and Sequential On-Line Self-Diagnosing Hardware". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 167–173, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Greenwood et al., 2003] Greenwood, G.; Ramsden, E.; and Ahmed, S. (2003). "An Empirical Comparison of Evolutionary Algorithms for Evolvable Hardware with Minimum Time-To-Reconfigure requirements". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 59–66, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Gwaltney and Ferguson, 2003] Gwaltney, D. and Ferguson, M. I. (2003). "Intrinsic Hardware Evolution for the Design and Reconfiguration of Analog Speed Controllers for a DC Motor". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 81–90, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.

- [Harding and Miller, 2003] Harding, S. and Miller, J. F. (2003). "A Scalable Platform for Intrinsic Hardware and in materio Evolution". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 221–224, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Jackson et al., 2003] Jackson, A. H.; Canham, R.; and Tyrrell, A. M. (2003). "Robot Fault-Tolerance Using and Embryonic Array". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 91–100, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Kamio et al., 2003] Kamio, S.; Liu, H.; Mitsuhasi, H.; and Iba, H. (2003). "Researches on Ingeniously Behaving Agents". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 208–220, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Koza et al., 2003] Koza, J.; Keane, M.; and Streeter, M. (2003). "the Importance of Reuse and Development in Evolvable Hardware". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 33–42, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Kramer and Gallagher, 2003] Kramer, G. R. and Gallagher, J. (2003). "Improvements to the \*CGA Enabling Online Intrinsic Evolution in Compact EH Devices". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 225–234, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Louis, 2003] Louis, S. J. (2003). "Learning for Evolutionary Design". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 17–21, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Plante et al., 2003] Plante, J.; Shaw, H.; Mickens, L.; and Johnson-Be, C. (2003). "Overview of Field Programmable Analog Arrays as Enabling Technology for Evolvable Hardware for High Reliability Systems". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 77–78, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [R. Canham and Tyrrell, 2003] R. Canham, A. H. J. and Tyrrell, A. (2003). "Robot Error Detection Using an Artificial Immune System". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 199–207, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Roggen et al., 2003] Roggen, D.; Hofmann, S.; Thoma, Y.; and Floreano, D. (2003). "Hardware Spiking Neural Network with Run-time Reconfigurable Connectivity in and Autonomous Robot". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 189–198, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [R.Zebulum et al., 2003] R.Zebulum; A.Stoica; X.Guo; D.Keymeulen; Duong, V.; and M.I.Ferguson (2003). "Experimental Results in Evolutionary Fault-Recovery for Field Programmble". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 182–188, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Sayama, 2003] Sayama, H. (2003). "Self-Protection Maintains Diversity of Artificial Self-Replicators Evolving in Cellular Automata". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 242–254, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.

- [Sekanina and Ruzicka, 2003] Sekanina, L. and Ruzicka, R. (2003). "Easily Testable Image Operators: The Class of Circuits Where Evolution Beats Engineers". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 135–144, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Shanthi and R.Parthasarathi, 2003] Shanthi, A. P. and R.Parthasarathi (2003). "Exploring FPGA Structures for Evolving Fault Tolerant Hardware". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 174–181, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Stauffer and Sipper, 2003] Stauffer, A. and Sipper, M. (2003). "Data and Signals: A New Kind of Cellular Automation for Growing Systems". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 235–241, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Takahashi et al., 2003] Takahashi, E.; Murakawa, M.; Kasai, Y.; and Higuchi, T. (2003). "Power Dissipation Reductions with Genetic Algorithms". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 111–116, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Tempesti et al., 2003] Tempesti, G.; Mange, D.; Petraglio, E.; Stauffer, A.; and Thoma, Y. (2003).
  "Developmental Processes in silicon: An Engineering Perspective". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 255–264, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Thomson and Arslan, 2003] Thomson, R. and Arslan, T. (2003). "The Evolutionary Design and Synthesis of Non-Linear Digital VLSI Systems". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 125–134, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Tian and Arslan, 2003] Tian, L. and Arslan, T. (2003). "An Evolutionary Power Management algorithm for SoC Based EHW Ststems". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 117–124, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Vinger and Torresen, 2003] Vinger, K. and Torresen, J. (2003). "Implementing Evolution of FIR-Filters Efficiently in an FPGA". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 26–29, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.
- [Zinchenko and Sorokin, 2003] Zinchenko, L. and Sorokin, S. (2003). "Fitness Estimations for Evolutionary Antenna Design". In Lohn, J.; Zebulum, R.; Steincamp, J.; Keymeulen, D.; Stoica, A.; and Ferguson, M. I., editors, 2003 NASA/DoD Conference on Evolvable Hardware, pages 155–166, Chicago, Illinois. NASA Ames Research Center, IEEE Computer Society.