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 Anaolg 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.