Список литературы

- [AC03] A. Aguirre and C. Coello, Fitness landscape and evolutionary boolean synthesis using information theory concepts, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 13–20.
- [Agg03] V. Aggarwal, Evolving sinusoidal oscillators using genetic algorithms, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 67–76.
- [ARX⁺03] A.Stoica, R.Zebulum, X.Guo, D.Keymeulen, V. Duong, and M.I.Ferguson, Silicon validation of evolution-designed circuits, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 21–25.
- [AST+03] J. F. Amaral, C. Santini, R. Tanscheit, M. Vellasco, M. Pacheco, and A. Mesquita, Evolvable building blocks for analog fuzzy logic controllers, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 101-110.
- [BLVM03] J. Botelho, B. Leonardo, P. Vieira, and A. Mesquita, An experiment on nonlinear synthesis using evolutionary techniques based only on cmos transistors, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 50–58.
- [CALA03] C. Coello, E. Alba, G. Luque, and A. Aguirre, Comparing different serial and parallel heuristics to design combinatorial logic circuits, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 3-12.
- [DDdG03] J. Dinerstein, N. Dinerstein, and H. de Garis, Automatic multi-module neural network evolution in an artificial brain, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 273–276.
- [Gal03] J. Gallagher, The once and future analog alternative: Evolvable hardware and analog computation, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 43–49.
- [GF03] D. Gwaltney and M. I. Ferguson, Intrinsic hardware evolution for the design and reconfiguration of analog speed controllers for a dc motor, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 81–90.
- [GRA03] G. Greenwood, E. Ramsden, and Saima Ahmed, An empirical comparison of evolutionary algorithms for evolvable hardware with minimum time-to-reconfigure requirements, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 59–66.

- [GT03] M. Garvie and A. Thompson, Evolution of combinationial and sequential on-line self-diagnosing hardware, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 167–173.
- [HM03] S. Harding and J. F. Miller, A scalable platform for intrinsic hardware and in materio evolution, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 221–224.
- [JCT03] A. H. Jackson, R. Canham, and A. M. Tyrrell, Robot fault-tolerance using and embryonic array, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 91–100.
- [KG03] G. R. Kramer and J.C. Gallagher, Improvements to the *cga enabling online intrinsic evolution in compact eh devices, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 225–234.
- [KKS03] J. Koza, M. Keane, and M. Streeter, the importance of reuse and development in evolvable hardware, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 33–42.
- [KLMI03] Shotaro Kamio, Hongwei Liu, Hideyuki Mitsuhasi, and Hitoshi Iba, Researches on ingeniously behaving agents, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 208–220.
- [Lou03] S. J. Louis, Learning for evolutionary design, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 17–21.
- [PSMJB03] J. Plante, H. Shaw, L. Mickens, and C. Johnson-Be, Overview of field programmable analog arrays as enabling technology for evolvable hardware for high reliability systems, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 77–78.
- [RAX⁺03] R.Zebulum, A.Stoica, X.Guo, D.Keymeulen, V. Duong, and M.I.Ferguson, *Experimental results in evolutionary fault-recovery for field programmble*, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 182–188.
- [RCT03] A. H. Jackson R. Canham and A. Tyrrell, Robot error detection using an artificial immune system, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 199–207.

- [RHTF03] D. Roggen, S. Hofmann, Y. Thoma, and D. Floreano, Hardware spiking neural network with run-time reconfigurable connectivity in and autonomous robot, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 189–198.
- [Say03] H. Sayama, Self-protection maintains diversity of artificial self-replicators evolving in cellular automata, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 242–254.
- [SR03a] L. Sekanina and R. Ruzicka, Easily testable image operators: The class of circuits where evolution beats engineers, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 135–144.
- [SR03b] A. P. Shanthi and R.Parthasarathi, Exploring fpga structures for evolving fault tolerant hardware, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 174–181.
- [SS03] A. Stauffer and M. Sipper, Data and signals: A new kind of cellular automation for growing systems, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 235–241.
- [TA03a] R. Thomson and T. Arslan, The evolutionary design and synthesis of non-linear digital vlsi systems, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 125–134.
- [TA03b] L. Tian and T. Arslan, An evolutionary power management algorithm for soc based ehw ststems, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 117–124.
- [TMKH03] E. Takahashi, M. Murakawa, Y. Kasai, and T. Higuchi, Power dissipation reductions with genetic algorithms, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 111–116.
- [TMP⁺03] G. Tempesti, D. Mange, E. Petraglio, A. Stauffer, and Yann Thoma, *Developmental processes in silicon: An engineering perspective*, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 255–264.
- [VT03] K. Vinger and J. Torresen, Implementing evolution of fir-filters efficiently in an fpga, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 26–29.

[ZS03] L. Zinchenko and S. Sorokin, Fitness estimations for evolutionary antenna design, 2003 NASA/DoD Conference on Evolvable Hardware (Chicago, Illinois) (Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, and Michael I. Ferguson, eds.), NASA Ames Research Center, IEEE Computer Society, 9-11 July 2003, pp. 155–166.