

Список литературы

- [1] V. Aggarwal. Evolving sinusoidal oscillators using genetic algorithms. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 67–76, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [2] A. Aguirre ja C. Coello. Fitness landscape and evolutionary boolean synthesis using information theory concepts. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 13–20, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [3] J. F. Amaral, C. Santini, R. Tanscheit, M. Vellasco, M. Pacheco, ja A. Mesquita. Evolvable building blocks for analog fuzzy logic controllers. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 101–110, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [4] A. Stoica, R. Zebulum, X. Guo, D. Keymeulen, V. Duong, ja M. I. Ferguson. Silicon validation of evolution-designed circuits. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 21–25, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [5] J. Botelho, B. Leonardo, P. Vieira, ja A. Mesquita. An experiment on nonlinear synthesis using evolutionary techniques based only on cmos transistors. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 50–58, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [6] C. Coello, E. Alba, G. Luque, ja A. Aguirre. Comparing different serial and parallel heuristics to design combinatorial logic circuits. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 3–12, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [7] J. Dinerstein, N. Dinerstein, ja H. de Garis. Automatic multi-module neural network evolution in an artificial brain. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 273–276, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [8] J. Gallagher. The once and future analog alternative: Evolvable hardware and analog computation. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 43–49, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [9] M. Garvie ja A. Thompson. Evolution of combinationial and sequential on-line self-diagnosing hardware. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 167–173, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [10] G. Greenwood, E. Ramsden, ja Saima Ahmed. An empirical comparison of evolutionary algorithms for evolvable hardware with minimum time-to-reconfigure requirements. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 59–66, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [11] D. Gwaltney ja M. I. Ferguson. Intrinsic hardware evolution for the design and reconfiguration of analog speed controllers for a dc motor. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp,

- Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 81–90, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [12] S. Harding ja J. F. Miller. A scalable platform for intrinsic hardware and in materio evolution. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 221–224, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [13] A. H. Jackson, R. Canham, ja A. M. Tyrrell. Robot fault-tolerance using an embryonic array. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 91–100, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [14] Shotaro Kamio, Hongwei Liu, Hideyuki Mitsuhashi, ja Hitoshi Iba. Researches on ingeniously behaving agents. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 208–220, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [15] J. Koza, M. Keane, ja M. Streeter. the importance of reuse and development in evolvable hardware. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 33–42, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [16] G. R. Kramer ja J.C. Gallagher. Improvements to the *cga enabling online intrinsic evolution in compact eh devices. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 225–234, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [17] S. J. Louis. Learning for evolutionary design. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 17–21, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [18] J. Plante, H. Shaw, L. Mickens, ja C. Johnson-Be. Overview of field programmable analog arrays as enabling technology for evolvable hardware for high reliability systems. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 77–78, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [19] A. H. Jackson R. Canham ja A. Tyrrell. Robot error detection using an artificial immune system. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 199–207, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [20] D. Roggen, S. Hofmann, Y. Thoma, ja D. Floreano. Hardware spiking neural network with run-time reconfigurable connectivity in an autonomous robot. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 189–198, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.
 - [21] R. Zebulum, A. Stoica, X. Guo, D. Keymeulen, V. Duong, ja M. I. Ferguson. Experimental results in evolutionary fault-recovery for field programmable. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 182–188, Chicago, Illinois, 9-11 July 2003. NASA Ames Research Center, IEEE Computer Society.

- [22] H. Sayama. Self-protection maintains diversity of artificial self-replicators evolving in cellular automata. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 242–254, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [23] L. Sekanina ja R. Ruzicka. Easily testable image operators: The class of circuits where evolution beats engineers. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 135–144, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [24] A. P. Shanthi ja R. Parthasarathi. Exploring fpga structures for evolving fault tolerant hardware. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 174–181, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [25] A. Stauffer ja M. Sipper. Data and signals: A new kind of cellular automation for growing systems. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 235–241, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [26] E. Takahashi, M. Murakawa, Y. Kasai, ja T. Higuchi. Power dissipation reductions with genetic algorithms. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 111–116, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [27] G. Tempesti, D. Mange, E. Petraglio, A. Stauffer, ja Yann Thoma. Developmental processes in silicon: An engineering perspective. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 255–264, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [28] R. Thomson ja T. Arslan. The evolutionary design and synthesis of non-linear digital vlsi systems. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 125–134, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [29] L. Tian ja T. Arslan. An evolutionary power management algorithm for soc based ehv ststems. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 117–124, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [30] K. Vinger ja J. Torresen. Implementing evolution of fir-filters efficiently in an fpga. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 26–29, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.
- [31] L. Zinchenko ja S. Sorokin. Fitness estimations for evolutionary antenna design. Kirjassa Jason Lohn, Ricardo Zebulum, James Steincamp, Didier Keymeulen, Adrian Stoica, ja Michael I. Ferguson, toim., *2003 NASA/DoD Conference on Evolvable Hardware*, ss. 155–166, Chicago, Illinois, 9–11 July 2003. NASA Ames Research Center, IEEE Computer Society.