## Список литературы

- [1] Coello C, Alba E, Luque G, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 3–12. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [2] Aguirre A, Coello C. 2003 Fitness landscape and evolutionary boolean synthesis using information theory concepts. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 13–20. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [3] Louis SJ. 2003 Learning for evolutionary design. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 17–21. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [4] AStoica, RZebulum, XGuo, DKeymeulen, Duong V, MIFerguson. 2003 Silicon validation of evolution-designed circuits. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 21–25. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [5] Vinger K, Torresen J. 2003 Implementing evolution of fir-filters efficiently in an fpga. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 26–29. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [6] Koza J, Keane M, Streeter M. 2003 the importance of reuse and development in evolvable hardware. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 33–42. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [7] 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 43–49. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [8] Botelho J, Leonardo B, Vieira P, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 50–58. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [9] Greenwood G, Ramsden E, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 59–66. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [10] Aggarwal V. 2003 Evolving sinusoidal oscillators using genetic algorithms. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 67–76. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [11] Plante J, Shaw H, Mickens L, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 77–78. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [12] Gwaltney D, Ferguson MI. 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 81–90. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.

- [13] Jackson AH, Canham R, Tyrrell AM. 2003 Robot fault-tolerance using and embryonic array. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 91–100. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [14] Amaral JF, Santini C, Tanscheit R, Vellasco M, Pacheco M, Mesquita A. 2003 Evolvable building blocks for analog fuzzy logic controllers. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 101–110. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [15] Takahashi E, Murakawa M, Kasai Y, Higuchi T. 2003 Power dissipation reductions with genetic algorithms. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 111–116. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [16] Tian L, Arslan T. 2003 An evolutionary power management algorithm for soc based ehw ststems. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 117–124. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [17] Thomson R, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 125–134. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [18] Sekanina L, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 135–144. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [19] Zinchenko L, Sorokin S. 2003 Fitness estimations for evolutionary antenna design. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 155–166. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [20] Garvie M, Thompson A. 2003 Evolution of combinationial and sequential on-line self-diagnosing hardware. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 167–173. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [21] Shanthi AP, RParthasarathi. 2003 Exploring fpga structures for evolving fault tolerant hardware. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 174–181. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [22] RZebulum, AStoica, XGuo, DKeymeulen, Duong V, MIFerguson. 2003 Experimental results in evolutionary fault-recovery for field programmble. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 182–188. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [23] Roggen D, Hofmann S, Thoma Y, Floreano D. 2003 Hardware spiking neural network with runtime reconfigurable connectivity in and autonomous robot. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 189–198. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [24] R Canham AHJ, Tyrrell A. 2003 Robot error detection using an artificial immune system. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 199–207. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.

- [25] Kamio S, Liu H, Mitsuhasi H, Iba H. 2003 Researches on ingeniously behaving agents. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 208–220. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [26] Harding S, Miller JF. 2003 A scalable platform for intrinsic hardware and in materio evolution. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 221–224. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [27] Kramer GR, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 225–234. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [28] Stauffer A, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 235–241. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [29] 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 242–254. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [30] Tempesti G, Mange D, Petraglio E, Stauffer A, Thoma Y. 2003 Developmental processes in silicon: An engineering perspective. In: Lohn J, Zebulum R, Steincamp J, Keymeulen D, Stoica A, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 255–264. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.
- [31] Dinerstein J, Dinerstein N, 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, Ferguson MI (eds.), 2003 NASA/DoD Conference on Evolvable Hardware, pp. 273–276. NASA Ames Research Center, Chicago, Illinois: IEEE Computer Society.