Список литературы

- [AES01] M. Abramovici, J. M. Emmert, and C. E. Stroud. Roving stars: An integrated approach to on-line testing, diagnosis, and fault tolerance for fpgas in adaptive computing systems. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 73–92, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [BT01] D. W. Bradley and A. M. Tyrell. The architecture for a hardware immune system. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 193–200, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [CMSM01] O. Castillo, O. Montiel, R. Sepulveda, and P. Melin. Application of a breeder genetic algorithm for system identification in an adaptive finite impulse response filter. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 146–153, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [DBR01] Brad Dolin, Forrest H Bennett III, and Eleanor G. Rieffel. Methods for evolving robust distributed robot control software: coevolutionary and single population techniques. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third NASA/DoD workshop on Evolvable Hardware*, pages 21–29, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [DCC+01] A. G. Darren, R. Conde, B. Chern, P. Luers, S. Jurczyk, and C. Mills. Adaptive instrument module: Space instrument controller "brain"through progammable logic devices. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third* NASA/DoD workshop on Evolvable Hardware, pages 256–260, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [ddBD01] H. de Garis, L. de Penning, A. Bullner, and D. Decesare. Early experiments on the cambrain machine (cbm). In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 211–219, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [EK01] R. T. Edwards and C. J. Kim. Breaking the resistivity barrier. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 167–171, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [GA01] R. I. Graham and T. Arslan. Rule evolution in order based diagnostic systems. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 280–286, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [Gal01] J. C. Gallagher. A neuromorphic paradigm for extrinsically evolved hybrid analog/digital device controllers: Initial explorations. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third NASA/DoD workshop on Evolvable Hardware*, pages 48–55, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

- [HA01a] B. I. Hounsell and T. Arslan. Evolutionary design and adaption of digital filters within an embedded fault. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 127–135, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [HA01b] B. I. Hounsell and T. Arslan. Evolutionary design and adaption of digital filters within an embedded fault. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 127–135, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [HABC01] A. Hernandez-Aguirre, B. P. Buckles, and C. A. C. Coello. On learning kdnf boolean formulas. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 240–246, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [HT01] P. C. Haddow and G. Tufte. Bridging the genotype-phenotype mapping for digital fpgas. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 109–115, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [JT01] A. H. Jackson and A. M. Tyrrell. Asynchronous embryonics. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third NASA/DoD workshop on Evolvable Hardware*, pages 201–210, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [KQP+01] S. Kazadi, Y. Qi, I. Park, N. Huang, P. Hwu, B. Kwan, W. Lue, and H. Li. Insufficiency of piecewise evolution. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 223–231, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [LBF+01] J. Langeheine, J. Becker, S. Foilling, K. Meire, and J. Schemmel. A cmos fpta chip for intrinsic hardware evolution of analong electronic circuits. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 172–175, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [Lin01] D. S. Linden. A system for evolving antennas in-situ. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 249–255, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [Loc01] J. W. Lockwood. Evovable internet hardware platforms. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 271–279, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [MH01] J. F. Miller and M. Hartmann. Evolving messy gates for fault tolerance: Some preliminary findings. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 116–123, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [MSC01a] J. M. Moreno Arostegui, E. Sanchez, and J. Cabestany. An in-system routing strategy for evolvable hardware programmable platforms. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third NASA/DoD workshop on Evolvable*

- *Hardware*, pages 157–166, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [MSC01b] J. M. Moreno Arostegui, E. Sanchez, and J. Cabestany. An in-system routing strategy for evolvable hardware programmable platforms. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 157–166, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [PGH+01] R. Porter, M. Gokhale, N. Harvey, S. Perkins, and C. Young. Evolving network architectures with custom computers for multi-spectral feature identification. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 261–270, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [PZ01] J. O. Pfaffmann and K. P. Zauner. Scouting context-sensitive components. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 14–20, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [Ram01] E. Ramsden. The isppac family of reconfigurable analog circuits. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 176–181, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [SHN01] J. H. Saleh, D. E. Hastings, and D. J. Newman. Extracting the essence of flexibility in system design. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 59–72, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [SJC01] J. L. Segovia-Juarez and S. Colombano. Mutation buffering capabilities of the hypernetwork model. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 7–13, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [SMTT01] A. Stauffer, D. Mange, G. Tempesti, and C. Teuscher. Biowatch: A giant electronic bioinspired watch. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 185–192, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [SPV01] H. T. Sinohara, M. A. C. Pacheco, and M. M. R. Vellasco. Repair of analog circuits: Extrinsic and instrinsic evolutionary techniques. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 44–47, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [SYL01] T. Schiner, X. Yao, and P. Liu. Digital filter design using multiple pareto fronts. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, The Third NASA/DoD workshop on Evolvable Hardware, pages 136–145, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [SZK01] A. Stoica, R. Zebulum, and D. Keymeulen. Progress and challenges in building evolvable devices. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third NASA/DoD workshop on Evolvable Hardware*, pages 33–35, Long Beach,

- California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [SZP⁺01] C. C. Santini, R. Zebulum, M. A. C. Pacheco, M. M. R. Vellasco, and M. H. Szwarcman. Pama-programmable analog multiplexter array. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third NASA/DoD workshop on Evolvable Hardware*, pages 36–43, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.
- [THS01] A. M. Tyrrell, G. Hollingworth, and S. L. Smith. Evolutionary strategies and intrinsic fault tolerance. In Didier Keymeulen, Adrian Stoica, Jason Lohn, and Ricardo S. Zebulum, editors, *The Third NASA/DoD workshop on Evolvable Hardware*, pages 98–106, Long Beach, California, 12-14 July 2001. Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.