Список литературы

[Abramovici et al. 2001] 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 *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 73–92, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Bradley and Tyrell 2001] D. W. Bradley and A. M. Tyrell, The architecture for a hardware immune system, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 193–200, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Castillo et al. 2001] 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 *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 146–153, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Darren et al. 2001] 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 *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 256–260, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[de Garis et al. 2001] H. de Garis, L. de Penning, A. Bullner, and D. Decesare, Early experiments on the cam-brain machine (cbm), in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 211–219, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Dolin et al. 2001] B. Dolin, F. H. Bennett III, and E. G. Rieffel, Methods for evolving robust distributed robot control software: coevolutionary and single population techniques, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 21–29, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Edwards and Kim 2001] R. T. Edwards and C. J. Kim, Breaking the resistivity barrier, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 167–171, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Gallagher 2001] J. C. Gallagher, A neuromorphic paradigm for extrinsically evolved hybrid analog/digital device controllers: Initial explorations, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 48–55, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Graham and Arslan 2001] R. I. Graham and T. Arslan, Rule evolution in order based diagnostic systems, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 280–286, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Haddow and Tufte 2001] P. C. Haddow and G. Tufte, Bridging the genotype-phenotype mapping for digital fpgas, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 109–115, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Hernandez-Aguirre et al. 2001] A. Hernandez-Aguirre, B. P. Buckles, and C. A. C. Coello, On learning kdnf boolean formulas, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 240–246, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Hounsell and Arslan 2001a] B. I. Hounsell and T. Arslan, Evolutionary design and adaption of digital filters within an embedded fault, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 127–135, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Hounsell and Arslan 2001b] B. I. Hounsell and T. Arslan, Evolutionary design and adaption of digital filters within an embedded fault, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 127–135, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Jackson and Tyrrell 2001] A. H. Jackson and A. M. Tyrrell, Asynchronous embryonics, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 201–210, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Kazadi et al. 2001] S. Kazadi, Y. Qi, I. Park, N. Huang, P. Hwu, B. Kwan, W. Lue, and H. Li, Insufficiency of piecewise evolution, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 223–231, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Langeheine et al. 2001] J. Langeheine, J. Becker, S. Foilling, K. Meire, and J. Schemmel, A cmos fpta chip for intrinsic hardware evolution of analong electronic circuits, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 172–175, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Linden 2001] D. S. Linden, A system for evolving antennas in-situ, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 249–255, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Lockwood 2001] J. W. Lockwood, Evovable internet hardware platforms, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 271–279, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Miller and Hartmann 2001] J. F. Miller and M. Hartmann, Evolving messy gates for fault tolerance: Some preliminary findings, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 116–123, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Moreno Arostegui et al. 2001a] J. M. Moreno Arostegui, E. Sanchez, and J. Cabestany, An in-system routing strategy for evolvable hardware programmable platforms, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 157–166, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Moreno Arostegui et al. 2001b] J. M. Moreno Arostegui, E. Sanchez, and J. Cabestany, An in-system routing strategy for evolvable hardware programmable platforms, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 157–166, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Pfaffmann and Zauner 2001] J. O. Pfaffmann and K. P. Zauner, Scouting context-sensitive components, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 14–20, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Porter et al. 2001] R. Porter, M. Gokhale, N. Harvey, S. Perkins, and C. Young, Evolving network architectures with custom computers for multi-spectral feature identification, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 261–270, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Ramsden 2001] E. Ramsden, The isppac family of reconfigurable analog circuits, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 176–181, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Saleh et al. 2001] J. H. Saleh, D. E. Hastings, and D. J. Newman, Extracting the essence of flexibility in system design, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 59–72, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Santini et al. 2001] C. C. Santini, R. Zebulum, M. A. C. Pacheco, M. M. R. Vellasco, and M. H. Szwarcman, Pama-programmable analog multiplexter array, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 36–43, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Schiner et al. 2001] T. Schiner, X. Yao, and P. Liu, Digital filter design using multiple pareto fronts, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 136–145, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Segovia-Juarez and Colombano 2001] J. L. Segovia-Juarez and S. Colombano, Mutation buffering capabilities of the hypernetwork model, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 7–13, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Sinohara et al. 2001] H. T. Sinohara, M. A. C. Pacheco, and M. M. R. Vellasco, Repair of analog circuits: Extrinsic and instrinsic evolutionary techniques, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 44–47, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Stauffer et al. 2001] A. Stauffer, D. Mange, G. Tempesti, and C. Teuscher, Biowatch: A giant electronic bio-inspired watch, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 185–192, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Stoica et al. 2001] A. Stoica, R. Zebulum, and D. Keymeulen, Progress and challenges in building evolvable devices, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 33–35, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.

[Tyrrell et al. 2001] A. M. Tyrrell, G. Hollingworth, and S. L. Smith, Evolutionary strategies and intrinsic fault tolerance, in *The Third NASA/DoD workshop on Evolvable Hardware*, edited by D. Keymeulen, A. Stoica, J. Lohn, and R. S. Zebulum, pp. 98–106, Long Beach, California, 12-14 July 2001, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society.