

## Список литературы

- [Abramovici *et al.*(2001)Abramovici, Emmert & Stroud] Abramovici, M., Emmert, J.M. & Stroud, C.E. (2001) Roving stars: An integrated approach to on-line testing, diagnosis, and fault tolerance for fpgas in adaptive computing systems. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 73–92, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Bradley & Tyrell(2001)] Bradley, D.W. & Tyrell, A.M. (2001) The architecture for a hardware immune system. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 193–200, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Castillo *et al.*(2001)Castillo, Montiel, Sepulveda & Melin] Castillo, O., Montiel, O., Sepulveda, R. & Melin, P. (2001) Application of a breeder genetic algorithm for system identification in an adaptive finite impulse response filter. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 146–153, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Darren *et al.*(2001)Darren, Conde, Chern, Luers, Jurczyk & Mills] Darren, A.G., Conde, R., Chern, B., Luers, P., Jurczyk, S. & Mills, C. (2001) Adaptive instrument module: Space instrument controller "brain" through programmable logic devices. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 256–260, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [de Garis *et al.*(2001)de Garis, de Penning, Bullner & Decesare] de Garis, H., de Penning, L., Bullner, A. & Decesare, D. (2001) Early experiments on the cam-brain machine (cbm). *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 211–219, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Dolin *et al.*(2001)Dolin, Bennett III & Rieffel] Dolin, B., Bennett III, F.H. & Rieffel, E.G. (2001) Methods for evolving robust distributed robot control software: coevolutionary and single population techniques. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 21–29, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Edwards & Kim(2001)] Edwards, R.T. & Kim, C.J. (2001) Breaking the resistivity barrier. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 167–171, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Gallagher(2001)] Gallagher, J.C. (2001) A neuromorphic paradigm for extrinsically evolved hybrid analog/digital device controllers: Initial explorations. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 48–55, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Graham & Arslan(2001)] Graham, R.I. & Arslan, T. (2001) Rule evolution in order based diagnostic systems. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 280–286, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Haddow & Tufte(2001)] Haddow, P.C. & Tufte, G. (2001) Bridging the genotype-phenotype mapping for digital fpgas. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 109–115, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.

- [Hernandez-Aguirre *et al.*(2001)Hernandez-Aguirre, Buckles & Coello] Hernandez-Aguirre, A., Buckles, B.P. & Coello, C.A.C. (2001) On learning kdnf boolean formulas. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 240–246, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Hounsell & Arslan(2001a)] Hounsell, B.I. & Arslan, T. (2001a) Evolutionary design and adaption of digital filters within an embedded fault. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 127–135, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Hounsell & Arslan(2001b)] Hounsell, B.I. & Arslan, T. (2001b) Evolutionary design and adaption of digital filters within an embedded fault. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 127–135, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Jackson & Tyrrell(2001)] Jackson, A.H. & Tyrrell, A.M. (2001) Asynchronous embryonics. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 201–210, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Kazadi *et al.*(2001)Kazadi, Qi, Park, Huang, Hwu, Kwan, Lue & Li] Kazadi, S., Qi, Y., Park, I., Huang, N., Hwu, P., Kwan, B., Lue, W. & Li, H. (2001) Insufficiency of piecewise evolution. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 223–231, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Langeheine *et al.*(2001)Langeheine, Becker, Foilling, Meire & Schemmel] Langeheine, J., Becker, J., Foilling, S., Meire, K. & Schemmel, J. (2001) A cmos fpta chip for intrinsic hardware evolution of analong electronic circuits. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 172–175, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Linden(2001)] Linden, D.S. (2001) A system for evolving antennas in-situ. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 249–255, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Lockwood(2001)] Lockwood, J.W. (2001) Evolvable internet hardware platforms. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 271–279, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Miller & Hartmann(2001)] Miller, J.F. & Hartmann, M. (2001) Evolving messy gates for fault tolerance: Some preliminary findings. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 116–123, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Moreno Arostegui *et al.*(2001a)Moreno Arostegui, Sanchez & Cabestany] Moreno Arostegui, J.M., Sanchez, E. & Cabestany, J. (2001a) An in-system routing strategy for evolvable hardware programmable platforms. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 157–166, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Moreno Arostegui *et al.*(2001b)Moreno Arostegui, Sanchez & Cabestany] Moreno Arostegui, J.M., Sanchez, E. & Cabestany, J. (2001b) An in-system routing strategy for evolvable hardware programmable platforms. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 157–166, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.

- [Pfaffmann & Zauner(2001)] Pfaffmann, J.O. & Zauner, K.P. (2001) Scouting context-sensitive components. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 14–20, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Porter *et al.*(2001)Porter, Gokhale, Harvey, Perkins & Young] Porter, R., Gokhale, M., Harvey, N., Perkins, S. & Young, C. (2001) Evolving network architectures with custom computers for multi-spectral feature identification. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 261–270, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Ramsden(2001)] Ramsden, E. (2001) The isppac family of reconfigurable analog circuits. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 176–181, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Saleh *et al.*(2001)Saleh, Hastings & Newman] Saleh, J.H., Hastings, D.E. & Newman, D.J. (2001) Extracting the essence of flexibility in system design. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 59–72, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Santini *et al.*(2001)Santini, Zebulum, Pacheco, Vellasco & Szwarcman] Santini, C.C., Zebulum, R., Pacheco, M.A.C., Vellasco, M.M.R. & Szwarcman, M.H. (2001) Pama-programmable analog multiplexer array. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 36–43, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Schiner *et al.*(2001)Schiner, Yao & Liu] Schiner, T., Yao, X. & Liu, P. (2001) Digital filter design using multiple pareto fronts. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 136–145, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Segovia-Juarez & Colombano(2001)] Segovia-Juarez, J.L. & Colombano, S. (2001) Mutation buffering capabilities of the hypernetwork model. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 7–13, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Sinohara *et al.*(2001)Sinohara, Pacheco & Vellasco] Sinohara, H.T., Pacheco, M.A.C. & Vellasco, M.M.R. (2001) Repair of analog circuits: Extrinsic and intrinsic evolutionary techniques. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 44–47, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Stauffer *et al.*(2001)Stauffer, Mange, Tempesti & Teuscher] Stauffer, A., Mange, D., Tempesti, G. & Teuscher, C. (2001) Biowatch: A giant electronic bio-inspired watch. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 185–192, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Stoica *et al.*(2001)Stoica, Zebulum & Keymeulen] Stoica, A., Zebulum, R. & Keymeulen, D. (2001) Progress and challenges in building evolvable devices. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 33–35, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.
- [Tyrrell *et al.*(2001)Tyrrell, Hollingworth & Smith] Tyrrell, A.M., Hollingworth, G. & Smith, S.L. (2001) Evolutionary strategies and intrinsic fault tolerance. *The Third NASA/DoD workshop on Evolvable Hardware* (eds. D. Keymeulen, A. Stoica, J. Lohn & R.S. Zebulum), pp. 98–106, Jet Propulsion Laboratory, California Institute of Technology, IEEE Computer Society, Long Beach, California.