Список литературы

- [Abramovici et al.(2001)Abramovici, Emmert and Stroud] Abramovici, M., Emmert, J. M. and Stroud, C. E. (2001). Roving stars: An integrated approach to on-line testing, diagnosis, and fault tolerance for fpgas in adaptive computing systems. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Bradley and Tyrell(2001)] **Bradley, D. W. and Tyrell, A. M.** (2001). The architecture for a hardware immune system. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Castillo et al.(2001)Castillo, Montiel, Sepulveda and Melin] Castillo, O., Montiel, O., Sepulveda, R. and Melin, P. (2001). Application of a breeder genetic algorithm for system identification in an adaptive finite impulse response filter. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Darren et al.(2001)Darren, Conde, Chern, Luers, Jurczyk and Mills] Darren, A. G., Conde, R., Chern, B., Luers, P., Jurczyk, S. and Mills, C. (2001). Adaptive instrument module: Space instrument controller "brain"through progammable logic devices. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [de Garis et al.(2001)de Garis, de Penning, Bullner and Decesare] de Garis, H., de Penning, L., Bullner, A. and Decesare, D. (2001). Early experiments on the cam-brain machine (cbm). In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Dolin et al.(2001)Dolin, Bennett III and Rieffel] **Dolin, B., Bennett III, F. H. and Rieffel, E. G.** (2001). Methods for evolving robust distributed robot control software: coevolutionary and single population techniques. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Edwards and Kim(2001)] Edwards, R. T. and Kim, C. J. (2001). Breaking the resistivity barrier. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Gallagher (2001)] **Gallagher, J. C.** (2001). A neuromorphic paradigm for extrinsically evolved hybrid analog/digital device controllers: Initial explorations. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Graham and Arslan(2001)] Graham, R. I. and Arslan, T. (2001). Rule evolution in order based diagnostic systems. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Haddow and Tufte(2001)] **Haddow, P. C. and Tufte, G.** (2001). Bridging the genotype-phenotype mapping for digital fpgas. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.

- [Hernandez-Aguirre et al.(2001)Hernandez-Aguirre, Buckles and Coello] Hernandez-Aguirre, A., Buckles, B. P. and Coello, C. A. C. (2001). On learning kdnf boolean formulas. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Hounsell and Arslan(2001a)] **Hounsell, B. I. and Arslan, T.** (2001a). Evolutionary design and adaption of digital filters within an embedded fault. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Hounsell and Arslan(2001b)] **Hounsell, B. I. and Arslan, T.** (2001b). Evolutionary design and adaption of digital filters within an embedded fault. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Jackson and Tyrrell(2001)] Jackson, A. H. and Tyrrell, A. M. (2001). Asynchronous embryonics. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Kazadi et al.(2001)Kazadi, Qi, Park, Huang, Hwu, Kwan, Lue and Li] Kazadi, S., Qi, Y., Park, I., Huang, N., Hwu, P., Kwan, B., Lue, W. and Li, H. (2001). Insufficiency of piecewise evolution. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Langeheine et al.(2001)Langeheine, Becker, Foilling, Meire and Schemmel] Langeheine, J., Becker, J., Foilling, S., Meire, K. and Schemmel, J. (2001). A cmos fpta chip for intrinsic hardware evolution of analong electronic circuits. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Linden(2001)] Linden, D. S. (2001). A system for evolving antennas in-situ. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Lockwood(2001)] Lockwood, J. W. (2001). Evovable internet hardware platforms. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Miller and Hartmann(2001)] Miller, J. F. and Hartmann, M. (2001). Evolving messy gates for fault tolerance: Some preliminary findings. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Moreno Arostegui et al.(2001a)Moreno Arostegui, Sanchez and Cabestany] Moreno Arostegui, J. M., Sanchez, E. and Cabestany, J. (2001a). An in-system routing strategy for evolvable hardware programmable platforms. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Moreno Arostegui et al.(2001b)Moreno Arostegui, Sanchez and Cabestany] Moreno Arostegui, J. M., Sanchez, E. and Cabestany, J. (2001b). An in-system routing strategy for evolvable

- hardware programmable platforms. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Pfaffmann and Zauner(2001)] **Pfaffmann, J. O. and Zauner, K. P.** (2001). Scouting context-sensitive components. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Porter et al.(2001)Porter, Gokhale, Harvey, Perkins and Young] Porter, R., Gokhale, M., Harvey, N., Perkins, S. and Young, C. (2001). Evolving network architectures with custom computers for multi-spectral feature identification. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Ramsden(2001)] Ramsden, E. (2001). The isppac family of reconfigurable analog circuits. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Saleh et al.(2001)Saleh, Hastings and Newman] Saleh, J. H., Hastings, D. E. and Newman, D. J. (2001). Extracting the essence of flexibility in system design. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Santini et al.(2001)Santini, Zebulum, Pacheco, Vellasco and Szwarcman] Santini, C. C., Zebulum, R., Pacheco, M. A. C., Vellasco, M. M. R. and Szwarcman, M. H. (2001). Pama-programmable analog multiplexter array. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Schiner et al.(2001)Schiner, Yao and Liu] Schiner, T., Yao, X. and Liu, P. (2001). Digital filter design using multiple pareto fronts. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Segovia-Juarez and Colombano (2001)] **Segovia-Juarez**, **J. L. and Colombano**, **S.** (2001). Mutation buffering capabilities of the hypernetwork model. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Sinohara et al.(2001)Sinohara, Pacheco and Vellasco] Sinohara, H. T., Pacheco, M. A. C. and Vellasco, M. M. R. (2001). Repair of analog circuits: Extrinsic and instrinsic evolutionary techniques. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Stauffer et al.(2001)Stauffer, Mange, Tempesti and Teuscher] Stauffer, A., Mange, D., Tempesti, G. and Teuscher, C. (2001). Biowatch: A giant electronic bio-inspired watch. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., The Third NASA/DoD workshop on Evolvable Hardware. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Stoica et al.(2001)Stoica, Zebulum and Keymeulen] **Stoica, A., Zebulum, R. and Keymeulen, D.** (2001). Progress and challenges in building evolvable devices. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*.

- Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.
- [Tyrrell et al.(2001)Tyrrell, Hollingworth and Smith] **Tyrrell, A. M., Hollingworth, G. and Smith, S. L.** (2001). Evolutionary strategies and intrinsic fault tolerance. In D. Keymeulen, A. Stoica, J. Lohn and R. S. Zebulum, eds., *The Third NASA/DoD workshop on Evolvable Hardware*. Jet Propulsion Laboratory, California Institute of Technology, Long Beach, California: IEEE Computer Society. ISBN 0-7695-1180-5.