Список литературы

[Aguirre et al., 2003] Aguirre, A. H., Equihua, E. C. G., & Coello Coello, C. A. (2003). Synthesis of boolean functions using information theory. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 218–227. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Araujo et al., 2003] Araujo, S. G., Mesquita, A., & Pedroza, A. C. P. (2003). Using genetic programming and high level synthesis to design optimized datapath. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 434–445. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Aunet & Hartmann, 2003] Aunet, S. & Hartmann, M. (2003). Real-time reconfigurable linear threshold elements and some applications to neural hardware. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 365–376. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Azhar & Dimond, 2003] Azhar, M. A. H. B. & Dimond, K. R. (2003). Hardware implementation of a genetic controller and effects of training on evolution. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 344–354. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Bentley, 2003] Bentley, P. J. (2003). Evolving fractal proteins. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 81–92. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Blynel, 2003] Blynel, J. (2003). Evolving reinforcement learning-like abilities for robots. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 320–331. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Canham & Tyrrell, 2003] Canham, R. & Tyrrell, A. M. (2003). A learning, multi-layered, hardware artificial immune system implemented upon an embryonic array. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 174–185. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Coello et al., 2003] Coello, C. A. C., Luna, E. H., & Aguirre, A. H. (2003). Use of particle swarm optimization to design combinational logic circuits. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 398–409. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Corno et al., 2003] Corno, F., Cumani, F., & Squillero, G. (2003). Exploiting auto-adaptive μ-GP for highly effective test programs generation. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 262–273. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[de Degaris et al., 2003] de Degaris, H., Gaur, A., & Sriram, R. (2003). Quantum versus evolutionary systems. total versus sampled search. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 457–466. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Downing, 2003] Downing, K. L. (2003). Developmental models for emergent computation. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 105–116. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Eriksson et al., 2003] Eriksson, J., Torres, O., Mitchell, A., Tucker, G., Lindsay, K., Halliday, D., Rosenberg, J., Moreno, J.-M., & Villa, A. E. P. (2003). Spiking neural networks for reconfigurable POEtic tissue. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 165–173. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Estrada, 2003] Estrada, G. G. (2003). A note on designing logical circuits using SAT. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 410–421. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Garvie & Thompson, 2003] Garvie, M. & Thompson, A. (2003). Evolution of self-diagnosing hardware. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 238–248. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Goldsmith, 2003] Goldsmith, R. (2003). Real world hardware evolution: A mobile platform for sensor evolution. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 355–364. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Greensted & Tyrrell, 2003] Greensted, A. J. & Tyrrell, A. M. (2003). Fault tolerance via endocrinologic based communication for multiprocessor systems. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 24–34. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Kumar & Bentley, 2003] Kumar, S. & Bentley, P. J. (2003). Biologically inspired evolutionary development. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 57–68. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Li & Lim, 2003] Li, J. H. & Lim, M. H. (2003). Evolvable fuzzy system for ATM cell scheduling. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 208–217. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Lohn et al., 2003] Lohn, J., Larchev, G., & DeMara, R. (2003). A genetic representation for evolutionary fault recovery in Virtex FPGAs. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 47–56. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Lund et al., 2003] Lund, H. H., Larsen, R. L., & Østergaard, E. H. (2003). Distributed control in self-reconfigurable robots. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 296–307. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Miller & Thomson, 2003] Miller, J. F. & Thomson, P. (2003). A developmental method for growing graphs and circuits. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 93–104. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Ortega-Sanchez et al., 2003] Ortega-Sanchez, C., Torres-Jimenez, J., & Morales-Cruz, J. (2003). Routing of embryonic arrays using genetic algorithms. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 249–261. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Østergaard & Lund, 2003] Østergaard, E. H. & Lund, H. H. (2003). Co-evolving complex robot behavior. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 308–319. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Roggen et al., 2003] Roggen, D., Floreano, D., & Mattiussi, C. (2003). A morphogenetic evolutionary system: Phylogenesis of the POEtic circuit. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 153–164. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Schmitz et al., 2003] Schmitz, T., Hohmann, S., Meier, K., Schemmel, J., & Schurmann, F. (2003). Speeding up hardware evolution: A coprocessor for evolutionary algorithms. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 274–285. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Schnier & Yao, 2003] Schnier, T. & Yao, X. (2003). Using negative correlation to evolve fault-tolerant circuits. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 35–46. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Sekanina, 2003] Sekanina, L. (2003). Virtual reconfigurable circuits for real-world applications of evolvable hardware. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 186–197. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Smith et al., 2003] Smith, S. L., Crouch, D. P., & Tyrrell, A. M. (2003). Evolving image processing operations for an evolvable hardware environment. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 332–343. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Tanaka et al., 2003] Tanaka, F., Kameda, A., Yamamoto, M., & Ohuchi, A. (2003). The effect of the bulge loop upon the hybridization process in DNA computing. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 446–456. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Tempesti et al., 2003] Tempesti, G., Roggen, D., Sanchez, E., Thoma, Y., Canham, R., & Tyrrell, A. M. (2003). Ontogenetic development and fault tolerance in the POEtic tissue. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 141–152. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Teuscher & Capcarrere, 2003] Teuscher, C. & Capcarrere, M. S. (2003). On fireflies, cellular systems, and evolware. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 1–12. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Torresen, 2003] Torresen, J. (2003). Evolving multiplier circuits by training set and training vector partitioning. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 228–237. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Tufte & Haddow, 2003] Tufte, G. & Haddow, P. C. (2003). Building knowledge into developmental rules for circuit design. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 69–80. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Tyrrell et al., 2003] Tyrrell, A. M., Sanchez, E., Floreano, D., Tempesti, G., Mange, D., Moreno, J.-M., Rosenberg, J., & Villa, A. E. P. (2003). POEtic tissue: An integrated architecture for bio-inspired hardware. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 129–140. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Van Belle et al., 2003] Van Belle, W., Mens, T., & D'Hondt, T. (2003). Using genetic programming to generate protocol adaptors for interprocess communication. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 422–433. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[van de Haar & Hoekstra, 2003] van de Haar, R. & Hoekstra, J. (2003). Simulation of a neural node using SET technology. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 377–386. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[van Remortel et al., 2003] van Remortel, P., Ceuppens, J., Defaweux, A., Lenaerts, T., & Manderick, B. (2003). Developmental effects on tuneable fitness landscapes. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 117–128. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Venkateswaran & Chandramouli, 2003] Venkateswaran, N. & Chandramouli, C. (2003). General purpose processor architecture for modeling stochastic biological neuronal assemblies. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 387–397. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Yasunaga et al., 2003] Yasunaga, M., Yoshihara, I., & Kim, J. H. (2003). Gene finding using evolvable reasoning hardware. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 198–207. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Zebulum et al., 2003] Zebulum, R. S., Stoica, A., Keymeulen, D., Ferguson, M. I., Duong, V., Guo, X., & Vorperian, V. (2003). Automatic evolution of signal separators using reconfigurable hardware. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 286–295. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X

[Zinchenko et al., 2003] Zinchenko, L., Muhlenbein, H., Kureichik, V., & Mahnig, T. (2003). A comparison of different circuit representations for evolutionary analog circuit design. *Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003*, volume 2606 of *LNCS*, 13–23. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-00730-X