Список литературы

[AD03]   M. A. H. B. Azhar and K. R. Dimond, *Hardware implementation of a genetic controller and effects of training on evolution*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 344–354.

[AEC03]   Arturo Hernandez Aguirre, Edgar C. Gonzalez Equihua, and Carlos A. Coello Coello, *Synthesis of boolean functions using information theory*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 218–227.

[AH03]   Snorre Aunet and Morten Hartmann, *Real-time reconfigurable linear threshold elements and some applications to neural hardware*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 365–376.

[AMP03]   Sergio G. Araujo, A. Mesquita, and Aloysio C. P. Pedroza, *Using genetic programming and high level synthesis to design optimized datapath*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 434–445.

[Ben03]   Peter J. Bentley, *Evolving fractal proteins*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 81–92.

[Bly03]   Jesper Blynel, *Evolving reinforcement learning-like abilities for robots*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 320–331.

[CCS03]   F. Corno, F. Cumani, and G. Squillero, *Exploiting auto-adaptive μ-GP for highly effective test programs generation*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 262–273.

[CLA03]   Carlos A. Coello Coello, Erika Hernandez Luna, and Arturo Hernandez Aguirre, *Use of particle swarm optimization to design combinational logic circuits*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 398–409.

[CT03]   Richard Canham and Andy M. Tyrrell, *A learning, multi-layered, hardware artificial immune system implemented upon an embryonic array*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 174–185.

[dGS03]   Hugo de Degaris, Amit Gaur, and Ravichandra Sriram, *Quantum versus evolutionary systems. total versus sampled search*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 457–466.

[Dow03]   Keith L. Downing, *Developmental models for emergent computation*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 105–116.

[Est03]   Giovani G. Estrada, *A note on designing logical circuits using SAT*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 410–421.

[ETM$^+$03]   Jan Eriksson, Oriol Torres, Andrew Mitchell, Gayle Tucker, Ken Lindsay, David Halliday, Jay Rosenberg, Juan-Manuel Moreno, and Alessandro E. P. Villa, *Spiking neural networks for reconfigurable POEtic tissue*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 165–173.

[Gol03]   Robert Goldsmith, *Real world hardware evolution: A mobile platform for sensor evolution*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 355–364.

[GT03a]   Miguel Garvie and Adrian Thompson, *Evolution of self-diagnosing hardware*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 238–248.

[GT03b]   Andrew J. Greensted and Andy M. Tyrrell, *Fault tolerance via endocrinologic based communication for multiprocessor systems*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 24–34.

[KB03]   Sanjeev Kumar and Peter J. Bentley, *Biologically inspired evolutionary development*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 57–68.

[LL03]   J. H. Li and M. H. Lim, *Evolvable fuzzy system for ATM cell scheduling*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 208–217.

[LLD03]   Jason Lohn, Greg Larchev, and Ronald DeMara, *A genetic representation for evolutionary fault recovery in Virtex FPGAs*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 47–56.

[LLØ03]   Henrik Hautop Lund, Rasmus L. Larsen, and Esben H. Østergaard, *Distributed control in self-reconfigurable robots*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 296–307.

[MT03]   Julian F. Miller and Peter Thomson, *A developmental method for growing graphs and circuits*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 93–104.

[ØL03]   Esben H. Østergaard and Henrik Hautop Lund, *Co-evolving complex robot behavior*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 308–319.

[OSTJMC03] Cesar Ortega-Sanchez, Jose Torres-Jimenez, and Jorge Morales-Cruz, *Routing of embryonic arrays using genetic algorithms*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 249–261.

[RFM03]   Daniel Roggen, Dario Floreano, and Claudio Mattiussi, *A morphogenetic evolutionary system: Phylogenesis of the POEtic circuit*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 153–164.

[SCT03]   Stephen L. Smith, David P. Crouch, and Andy M. Tyrrell, *Evolving image processing operations for an evolvable hardware environment*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 332–343.

[Sek03]   Lukas Sekanina, *Virtual reconfigurable circuits for real-world applications of evolvable hardware*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 186–197.

[SHM+03] Tillmann Schmitz, Steffen Hohmann, Karlheinz Meier, Johannes Schemmel, and Felix Schurmann, *Speeding up hardware evolution: A coprocessor for evolutionary algorithms*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 274–285.

[SY03]   Thorsten Schnier and Xin Yao, *Using negative correlation to evolve fault-tolerant circuits*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 35–46.

[TC03]   Christof Teuscher and Mathieu S. Capcarrere, *On fireflies, cellular systems, and evolware*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 1–12.

[TH03]   Gunnar Tufte and Pauline C. Haddow, *Building knowledge into developmental rules for circuit design*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 69–80.

[TKYO03] Fumiaki Tanaka, Atsushi Kameda, Masahito Yamamoto, and Azuma Ohuchi, *The effect of the bulge loop upon the hybridization process in DNA computing*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 446–456.

[Tor03]   Jim Torresen, *Evolving multiplier circuits by training set and training vector partitioning*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 228–237.

[TRS+03]   Gianluca Tempesti, Daniel Roggen, Eduardo Sanchez, Yann Thoma, Richard Canham, and Andy M. Tyrrell, *Ontogenetic development and fault tolerance in the POEtic tissue*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 141–152.

[TSF+03]   Andy M. Tyrrell, Eduardo Sanchez, Dario Floreano, Gianluca Tempesti, Daniel Mange, Juan-Manuel Moreno, Jay Rosenberg, and Alessandro E. P. Villa, *POEtic tissue: An integrated architecture for bio-inspired hardware*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 129–140.

[VC03]   N. Venkateswaran and C. Chandramouli, *General purpose processor architecture for modeling stochastic biological neuronal assemblies*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 387–397.

[vCD+03]   Piet van Remortel, Johan Ceuppens, Anne Defaweux, Tom Lenaerts, and Bernard Manderick, *Developmental effects on tuneable fitness landscapes*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 117–128.

[vH03]   Rudie van de Haar and Jaap Hoekstra, *Simulation of a neural node using SET technology*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 377–386.

[VMD03]   Werner Van Belle, Tom Mens, and Theo D'Hondt, *Using genetic programming to generate protocol adaptors for interprocess communication*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 422–433.

[YYK03]   Moritoshi Yasunaga, Ikuo Yoshihara, and Jung H. Kim, *Gene finding using evolvable reasoning hardware*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 198–207.

[ZMKM03]   Lyudmilla Zinchenko, Heinz Muhlenbein, Victor Kureichik, and Thilo Mahnig, *A comparison of different circuit representations for evolutionary analog circuit design*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 13–23.

[ZSK+03]   Ricardo S. Zebulum, Adrian Stoica, Didier Keymeulen, M. I. Ferguson, Vu Duong, Xin Guo, and Vatche Vorperian, *Automatic evolution of signal separators using reconfigurable hardware*, Evolvable Systems: From Biology to Hardware, Fifth International Conference, ICES 2003 (Trondheim, Norway) (Andy M. Tyrrell, Pauline C. Haddow, and Jim Torresen, eds.), LNCS, vol. 2606, Springer-Verlag, 17-20 March 2003, pp. 286–295.