

Список литературы

- [1] Araujo, S. G, Mesquita, A, & Pedroza, A. C. P. (2003) *Using Genetic Programming and High Level Synthesis to Design Optimized Datapath*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 434–445.
- [2] Aunet, S & Hartmann, M. (2003) *Real-time Reconfigurable Linear Threshold Elements and Some Applications to Neural Hardware*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 365–376.
- [3] Azhar, M. A. H. B & Dimond, K. R. (2003) *Hardware Implementation of a Genetic Controller and Effects of Training on Evolution*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 344–354.
- [4] Van Belle, W, Mens, T, & D'Hondt, T. (2003) *Using Genetic Programming to Generate Protocol Adaptors for Interprocess Communication*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 422–433.
- [5] Bentley, P. J. (2003) *Evolving Fractal Proteins*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 81–92.
- [6] Blynel, J. (2003) *Evolving Reinforcement Learning-Like Abilities for Robots*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 320–331.
- [7] Canham, R & Tyrrell, A. M. (2003) *A Learning, Multi-layered, Hardware Artificial Immune System Implemented upon an Embryonic Array*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 174–185.
- [8] Coello, C. A. C, Luna, E. H, & Aguirre, A. H. (2003) *Use of Particle Swarm Optimization to Design Combinational Logic Circuits*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 398–409.
- [9] Corno, F, Cumani, F, & Squillero, G. (2003) *Exploiting Auto-adaptive μ -GP for Highly Effective Test Programs Generation*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 262–273.
- [10] Downing, K. L. (2003) *Developmental Models for Emergent Computation*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 105–116.
- [11] 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*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 165–173.
- [12] Estrada, G. G. (2003) *A Note on Designing Logical Circuits using SAT*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 410–421.
- [13] de Degaris, H, Gaur, A, & Sriram, R. (2003) *Quantum versus Evolutionary Systems. Total versus Sampled Search*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 457–466.
- [14] Garvie, M & Thompson, A. (2003) *Evolution of Self-diagnosing Hardware*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 238–248.
- [15] Goldsmith, R. (2003) *Real World Hardware Evolution: A Mobile Platform for Sensor Evolution*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 355–364.

- [16] Greensted, A. J & Tyrrell, A. M. (2003) *Fault Tolerance via Endocrinologic Based Communication for Multiprocessor Systems*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 24–34.
- [17] van de Haar, R & Hoekstra, J. (2003) *Simulation of a Neural Node Using SET Technology*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 377–386.
- [18] Aguirre, A. H, Equihua, E. C. G, & Coello Coello, C. A. (2003) *Synthesis of Boolean Functions using Information Theory*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 218–227.
- [19] Kumar, S & Bentley, P. J. (2003) *Biologically Inspired Evolutionary Development*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 57–68.
- [20] Li, J. H & Lim, M. H. (2003) *Evolvable Fuzzy System for ATM Cell Scheduling*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 208–217.
- [21] Lohn, J, Larchev, G, & DeMara, R. (2003) *A Genetic Representation for Evolutionary Fault Recovery in Virtex FPGAs*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 47–56.
- [22] Lund, H. H, Larsen, R. L, & Østergaard, E. H. (2003) *Distributed Control in Self-reconfigurable Robots*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 296–307.
- [23] Miller, J. F & Thomson, P. (2003) *A Developmental Method for Growing Graphs and Circuits*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 93–104.
- [24] Ortega-Sanchez, C, Torres-Jimenez, J, & Morales-Cruz, J. (2003) *Routing of Embryonic Arrays Using Genetic Algorithms*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 249–261.
- [25] Østergaard, E. H & Lund, H. H. (2003) *Co-evolving Complex Robot Behavior*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 308–319.
- [26] van Remortel, P, Ceuppens, J, Defaweux, A, Lenaerts, T, & Manderick, B. (2003) *Developmental Effects on Tuneable Fitness Landscapes*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 117–128.
- [27] Roggen, D, Floreano, D, & Mattiussi, C. (2003) *A Morphogenetic Evolutionary System: Phylogenesis of the POEtic Circuit*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 153–164.
- [28] Schmitz, T, Hohmann, S, Meier, K, Schemmel, J, & Schurmann, F. (2003) *Speeding up Hardware Evolution: A Coprocessor for Evolutionary Algorithms*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 274–285.
- [29] Schnier, T & Yao, X. (2003) *Using Negative Correlation to Evolve Fault-Tolerant Circuits*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 35–46.
- [30] Sekanina, L. (2003) *Virtual Reconfigurable Circuits for Real-World Applications of Evolvable Hardware*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 186–197.
- [31] Smith, S. L, Crouch, D. P, & Tyrrell, A. M. (2003) *Evolving Image Processing Operations for an Evolvable Hardware Environment*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 332–343.

- [32] Tanaka, F, Kameda, A, Yamamoto, M, & Ohuchi, A. (2003) *The Effect of the Bulge Loop upon the Hybridization Process in DNA Computing*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 446–456.
- [33] Tempesti, G, Roggen, D, Sanchez, E, Thoma, Y, Canham, R, & Tyrrell, A. M. (2003) *Ontogenetic Development and Fault Tolerance in the POEtic Tissue*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 141–152.
- [34] Teuscher, C & Capcarrere, M. S. (2003) *On Fireflies, Cellular Systems, and Evolvable*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 1–12.
- [35] Torresen, J. (2003) *Evolving Multiplier Circuits by Training Set and Training Vector Partitioning*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 228–237.
- [36] Tufte, G & Haddow, P. C. (2003) *Building Knowledge into Developmental Rules for Circuit Design*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 69–80.
- [37] 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*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 129–140.
- [38] Venkateswaran, N & Chandramouli, C. (2003) *General Purpose Processor Architecture for Modeling Stochastic Biological Neuronal Assemblies*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 387–397.
- [39] Yasunaga, M, Yoshihara, I, & Kim, J. H. (2003) *Gene Finding Using Evolvable Reasoning Hardware*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 198–207.
- [40] 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*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 286–295.
- [41] Zinchenko, L, Muhlenbein, H, Kureichik, V, & Mahnig, T. (2003) *A Comparison of Different Circuit Representations for Evolutionary Analog Circuit Design*, LNCS eds. Tyrrell, A. M, Haddow, P. C, & Torresen, J. (Springer-Verlag, Trondheim, Norway), Vol. 2606, pp. 13–23.