Referencias

[1] J. Koza and M. Keane. The importance of reuse and development in evolvable hardware. In Proceedings of 2003 NASA/DoD Conference on Evolvable Hardware. Los Alamitos, CA: IEEE Computer Society.

[2] R. Zebulum and A. Stoica. Mixtrinsic evolution. In J. F. Miller, A. Thompson, P. Thomson, and T. C. Fogarty, editors, Proc. of Third International Conference on Evolvable System: From Biology to Hardware (ICES 2000), pages 208–217, Edinburgh, Scotland, April 2000. Springer-Verlag.

[3] P.C. Haddow. An Evolvable Hardware FPGA for Adaptive Hardware. Congress on Evolutionary Computation pp. 553-560, 2000.

[4] G. Harik, F. Lobo, D. Goldberg. The compact genetic algorithm. Evolutionary Computation, IEEE Transactions on Volume 3, Issue 4, Nov. 1999 Page(s):287 – 297.

[5] David E. Goldberg. Genetic Algorithms in Search, Optimization and Machine Learning. Addison Wesley, Reading, MA, 1989.

[6] K. Krishnakumar. Micro-genetic algorithms for stationary and non-stationary function optimization. In SPIE Proceedings: Intelligent Control and Adaptive systems, pages 289–296, 1989.

[7] G. Dozier, J. Bowen and D. Bahler. Solving Small and Large Scale Constraint Satisfaction Problems Using a Heuristic-Based Microgenetic Algorithm, in Z. Michalewicz, J. D. Schaffer, H.-P. Schwefel, D. B. Fogel and H. Kitano (editors), Proceedings of the First IEEE Conference on Evolutionary Computation (ICEC'94), pages 306-311.

[8] C. A. Coello and G. Toscano. A Micro-Genetic Algorithm for multiobjective optimization. First International Conference on Evolutionary Multi-criterion Optimization. Springer – Verlag, Lecture Notes in Computer Science number 1993, 2001, pp. 126 – 140.

[9] J. C. Fuentes and C. A. Coello. Handling Constraints in Particle Swarm Optimization Using a Small Population Size, in Lecture Notes in Computer Science, Springer. MICAI 2007: Advances in Artificial Intelligence, Volume 4827/2007.

[10] T. Bäck, D. B. Fogel, and Z. Michalewicz, editors. Handbook of Evolutionary Computation. Institute of Physics Publishing and Oxford University Press, New York, 1997.

[11] D. B. Fogel. Evolutionary Computation. Toward a New Philosophy of Machine Intelligence. The Institute of Electrical and Electronic Engineers, New York, 1995.

[12] C. A. Coello. Introducción a la computación evolutiva. Notas del curso. CINVESTAV-IPN, Sección de Computación, Departamento de Ingeniería Eléctrica, 2003.

[13] D. E. Goldberg and K. Deb. A comparative analysis of selection schemes used in genetic algorithms. In Gregory J. E. Rawlins, editor, Foundations of Genetic Algorithms, pages 69-93. Morgan Kaufmann Publishers, San Mateo, California, 1991.

[14] E. Bonabeau, M. Dorigo, and G. Theraulaz. Swarm Intelligence: From natural to artificial systems. Oxford University Press, 1999.

[15] M. Dorigo & T. Stützle. Ant Colony Optimization, MIT Press, 2004.

[16] J. Kennedy and R. C. Eberhart. Swarm Intelligence. Morgan Kaufmann, 2001.

[17] A. Tyrrell, G. Auer and C. Bettstetter. Bio-inspired networks and communication systems: Fireflies as role models for synchronization in ad hoc networks. December 2006. Proceedings of the 1st international conference on Bio inspired models of network, information and computing systems BIONETICS '06. Publisher: ACM.

[18] A. Delgado. DNA chips as lookup tables for rule based systems. IEE Computing and Control Engineering Journal, Vol. 13, No. 3, pp. 113-119, 2002.

[19] R. Sun and L. Bookman. Computational Architectures Integrating Neural and Symbolic Processes. Kluwer Academic Publishers, 1994.

[20] D. Dasgupta and N. Attoh-Okine. Immunity-Based Systems: A Survey. Proceedings of the IEEE International Conference on Systems, Man and Cybernetics. October 1997.

[21] L. N. de Castro and J. Timmis. An Introduction to Artificial Immune Systems: A New Computational Intelligence Paradigm. Springer-Verlag, 2002.

[22] D. Dasgupta. Advances in artificial immune systems. Computational Intelligence Magazine, IEEE. Volume 1, Issue 4, Nov. 2006 Page(s):40 – 49.

[23] N. Cruz. Sistema inmune artificial para solucionar problemas de optimización. Tesis Doctoral. CINVESTAV- IPN. México, 2004.

[24] L. Nunes de Castro and F. J. Von Zuben. Learning and optimization using the clonal selection principle. IEEE Trans. Evol. Comput., vol. 6, no. 3, pp. 239–251, Jun. 2002.

[25] L. Nunes de Castro and F. J. Von Zuben. The clonal selection algorithm with engineering applications. Proceedings of Genetic and Evolutionary Computation Conference, Workshop on AISAA, pp. 36-37, July 2000.

[26] L. Nunes de Castro. The immune response of an artificial immune network (aiNet). Evolutionary Computation, 2003. CEC '03. The 2003 Congress on Volume 1. Dec. 2003 Page(s):146 - 153 Vol.1.

[27] L. Nunes de Castro and J. Timmis. An Artificial Immune Network for Multimodal Function Optimization. Proceedings of IEEE Congress on Evolutionary Computation (CEC'02), Hawaii, pp. 699- 674, 2002.

[28] C. Aporntewan and P. Chongstitvatana. A hardware implementation of the Compact Genetic Algorithm. Evolutionary Computation, 2001. Proceedings of the 2001 Congress on Volume 1, 27-30 May 2001 Page(s):624 - 629 vol. 1.

[29] J. Gallagher and G. Kramer. A family of compact genetic algorithms for intrinsic evolvable hardware. Evolutionary Computation, IEEE Transactions on Volume 8, Issue 2, April 2004 Page(s):111 – 126.

[30] F. Cupertino and E. Mininno. Optimization of Position Control of Induction Motors using Compact Genetic Algorithms. IEEE Industrial Electronics, IECON 2006 - 32nd Annual Conference on Nov. 2006. Page(s):55 – 60.

[31] K. Deb. An efficient constraint handling method for genetic algorithms. Computer Methods in Applied Mechanics and Engineering, 186:311–338, 2000.

[32] E. Mezura, J. Velázquez, C. A. Coello. A comparative study of differential evolution variants for global optimization. ACM, GECCO 2006: 485-492.

[33] S. Koziel and Zbigniew Michalewicz. Evolutionary algorithms, homomorphous mappings, and constrainted parameter optimization. Evolutionary Computation, 7(1):19–14, 1999.

[34] J.D. Schaffer and L.J. Eshelman. On crossover as an evolutionary viable strategy. R.K. Belew and L.B. Booker, editors. Proceedings of the 4th International Conference on Genetic Algorithms. Page(s): 61-68, Morgan Kaufmann, 1991.

[35] A. Tyrrell. Evolutionary strategies and intrinsic fault tolerance. Dept. of Electron., York Univ. Evolvable Hardware. Proceedings. The Third NASA/DoD Workshop on 2001, Long Beach, CA, USA, on page(s): 98-106. 2001.

[36] P.J. Fleming and R. C. Purshouse, Evolutionary algorithms in control system engineering: a survey, Control Engineering Practice, Vol. 10, pp. 1223-1241, 2002.

[37] D. Sucley. Genetic Algorithms in the Design of FIR Filters, IEEE Proceedings, Vol.138, pp. 234-238,1991.

[38] K. Arne and J. Torresen. Implementing Evolution of FIR-Filters Efficiently in an FPGA. paper.pdf. In proc. of 2003 NASA/DoD Conference on Evolvable Hardware (EH-2003), July, 2003, Chicago, Illinois, USA.

[39] M. Yasunaga, T. Nakamura and J. H. Kim. Genetic algorithm-based design methodology for pattern recognition hardware. In Evolvable Systems: From Biology to Hardware. Third Int. Conf., ICES 2000, volume 1801 of Lecture Notes in Computer Science, J. Miller et al. (eds.), Springer-Verlag, 2000, pp. 264–273.

[40] Y. Thoma, E. Sanchez, D. Roggen and C. Hetherington. Prototyping with a bio-inspired reconfigurable chip. Rapid System Prototyping, 2004. Proceedings. 15th IEEE International Workshop on 28-30 June 2004 Page(s):239 – 246.