

Список литературы

- [AG05] A. Acan and A. Gunay, *An external memory supported aco for the frequency assignment problem*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 365–368.
- [AGZ05] T. Abualrub, A. Ghrayeb, and X. Zeng, *A special class of additive cyclic codes for dna computing*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 284–287.
- [Alt05] H. Altincay, *An evidence theoretic ensemble design technique*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 66–69.
- [AMPL05] A. Agrawal, I. Mitchell, P. Passmore, and I. Litovski, *Dynamics in proportionate selection*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 226–229.
- [ATS05] C. Avila, Y. Tsuji, and Y. Shiraishi, *Crack width prediction of rc structures by artificial neural networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 92–95.
- [AW05] M. Affenzeller and S. Wagner, *Offspring selection: A new self-adaptive selection scheme for genetic algorithms*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 218–221.
- [BAA05] W. Bellil, C. Amar, and A. Alimi, *Beta wavelet networks for function approximation*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 18–21.
- [BB05] M. Boumehraz and K. Benmahammed, *A switching controller for nonlinear systems via fuzzy models*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 120–123.
- [BBM05] G. Bontempi, M. Birattari, and P. E. Meyer, *Combining lazy learning, racing and subsampling for effective feature selection*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 393–396.
- [BDL⁺05] S. Brunetti, D. Dutta, S. Liberatori, E. Mori, and D. Varrazzo, *An efficient algorithm for de novo peptide sequencing*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 312–315.
- [BE05] Z. Bingul and H. M. Ertunc, *Applying neural network to inverse kinematic problem for 6r robot manipulator with offset wrist*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W.

- Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 112–115.
- [Bel05] B. Beliczynski, *Certain comments on data preparation for neural networks based modelling*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 5–8.
- [BEP05] F. Boudjemai, P. B. Enberg, and J. G. Postaire, *3d self organizing convex neural network architectures*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 164–167.
- [BG05] F. Barth and E. Gomi, *A meta-level architecture for adaptive applications*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 329–332.
- [BH05] M. Boudour and A. Hellal, *The growing hierarchical self-organizing feature maps and genetic algorithms for large scale power system security*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 159–163.
- [Bis05] A. Bisler, *Emergent behavior of interacting groups of communicative agents*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 316–320.
- [BLM05] H. A. Boubacar, S. Lecoeuche, and S. Maouche, *Audyc neural network using a new gaussian densities merge mechanism*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 155–158.
- [BMKF05] R. Barzamini, M. B. Menhaj, S. Kamalvand, and M. A. Fasihi, *A new neuro-based method for short term load forecasting of iran national power system*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 373–376.
- [BPL05] S. I. Bauk, S. M. Perovich, and A. Lompar, *The linear approximation method to the modified hopfield neural network parameters analysis*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 29–32.
- [Bra05] G. W. Braught, *Evolving evolvability: Evolving both representations and operators*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 185–188.
- [Cam05] A. R. Camolesi, *Modeling a tool for the generation of programming environments for adaptive formalisms*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 337–340.

- [CHBS05] E. Corchado, A. Herrero, B. Barua, and J. M. Saiz, *Intrusion detection system based on a cooperative topology preserving method*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 454–457.
- [CMPD05] M. Ciglaric, B. Ster M. Pancur, and A. Dobnikar, *Data mining in grid environment*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 522–525.
- [CO05] D. Curran and C. O’Riordan, *Evolving blackjack strategies using cultural learning*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 210–213.
- [CPW05] W. Cao, X. Pan, and S. Wang, *The research of speaker-independent continuous mandarin chinese digits speech-recognition based on the dynamic search method of high-dimension space vertex cover*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 490–493.
- [Cru05] P. Cruz, *Speeding up backpropagation with multiplicative batch update step*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 22–24.
- [CXW05] W. Cao, C. Xu, and S. Wang, *An algorithm for face pose adjustment based on eye location*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 474–477.
- [DAD05] K. A. J. Doherty, R. G. Adams, and N. Davey, *Hierarchical growing neural gas*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 140–143.
- [DCA05] N. Davey, L. Calcraft, and R. Adams, *Associative memories with small world connectivity*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 74–77.
- [dH05a] Miguel Angelo de Abreu de Sousa and Andre Riyuita Hirakawa, *Robotic mapping and navigation in unknown environments using adaptive automata*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 345–348.
- [DH05b] S. Doan and S. Horiguchi, *The use of multi-criteria in feature selection to enhance text categorization*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 441–444.
- [DL05] L. E. Da Costa and J.-A. Landry, *Generating grammatical plant models with genetic algorithms*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 230–234.

- [DS05] A. Dantas and J. Seixas, *An adaptive neural system for financial time series tracking*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 421–424.
- [DW05] H. Dongfeng and Li Wenhui, *A binary digital watermarking scheme based on the orthogonal vector and ica-scs denoising*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 466–469.
- [EHK05] J. Eidson, B. Hamilton, and V. Kanevsky, *Learning from randomly-distributed inaccurate measurements*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 54–61.
- [GA05] N. Gupta and V. K. Agrawal, *Two-criterion optimization in state assignment for synchronous finite state machines using nsga-ii*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 214–217.
- [Gan05] D. Gangadhar, *Pelican - protein-structure alignment using cellular automaton models*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 308–311.
- [GC05] A. Gaspar-Cunha, *A multi-objective evolutionary algorithm for solving traveling salesman problems: Application to the design of polymer extruders*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 189–193.
- [GD05] I. Gabrijel and A. Dobnikar, *On-line inference of finite automata in noisy environments*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 132–135.
- [GM05] C. Garcia and J. Moreno, *An efficient heuristic for the traveling salesman problem based on a growing som-like algorithm*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 177–180.
- [Hay05] S. Hayward, *Genetic algorithm optimization of an artificial neural network for financial applications*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 409–416.
- [HK05] M. Huk and H. Kwasnicka, *The concept and properties of sigma-if neural network*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 13–17.
- [Hol05] M. Holena, *Neural-networks for extraction of fuzzy logic rules with application to eeg data*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 369–372.

- [Hor05] A. Horzyk, *Interval basis neural network*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 50–53.
- [Hos05] O. Hoshino, *Cortical modulation of synaptic efficacies through norepinephrine*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 70–73.
- [HS05a] M. Helle and H. Saxen, *A method for detecting cause-effects in data from complex processes*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 104–107.
- [HS05b] U. Honig and W. Schiffmann, *Comparison of nature inspired and deterministic scheduling heuristics considering optimal schedules*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 361–364.
- [JA05] T. M. Jelleli and A. M. Alimi, *Improved hierarchical fuzzy control scheme*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 128–131.
- [JJ05] J. Jedrzejowicz and P. Jedrzejowicz, *Implementation and experimental validation of the population learning algorithm applied to solving gap instances*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 198–201.
- [JKK05] P. Jonkergouw, E. Keedwell, and S.-T. Khu, *Modelling chlorine decay in water networks with genetic programming*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 206–209.
- [JO05] M. Jankovic and H. Ogawa, *Time-oriented hierarchical method for computation of minor components*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 38–41.
- [JRJ05] R. Joshi, C. Reeves, and C. Johnston, *Probabilistic artificial neural networks for malignant melanoma prognosis*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 425–428.
- [KB05] B. Kaewkamnerdpong and P. J. Bentley, *Perceptive particle swarm optimisation*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 259–263.
- [KBA05] M. Kherallah, F. Bouri, and M. A. Alimi, *Toward an on-line handwriting recognition system based on visual coding and genetic algorithm*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 502–505.

- [KM05a] D. G. Kaklamanos and K. G. Margaritis, *Personalized news access*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 397–400.
- [KM05b] Y. Kilani and A. Mohdizin, *Treating some constraints as hard speeds up the esg local search algorithm*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 247–249.
- [KMOA05] S. Kita, S. Maekawa, S. Ozawa, and S. Abe, *Boosting kernel discriminant analysis with adaptive kernel selection*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 429–432.
- [KNK05] A. Krishna, A. Narayanan, and E. C. Keedwell, *Reverse engineering gene networks with artificial neural networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 325–328.
- [KP05] H. Kwasnicka and M. Paradowski, *Efficiency aspects of neural network architecture evolution using direct and indirect encoding*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 405–408.
- [KS05] J. Koutnik and M. Snorek, *Neural network generating hidden markov chain*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 518–521.
- [Kub05] J. Kubalik, *Using genetic algorithms with real-coded binary representation for solving non-stationary problems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 222–225.
- [Kur05] V. Kurkova, *Minimization of empirical error over perceptron networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 46–49.
- [KVGNO5] M. Koppen, R. Vicente-Garcia, and B. Nickolay, *The pareto-box problem for the modelling of evolutionary multiobjective optimization algorithms*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 194–197.
- [LBKL05] B. Lamrini, A. Benhammou, A. Karama, and M-V. Le Lann, *A neural network system for modelling of coagulant dosage used in drinking water treatment*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 96–99.
- [LD05] U. Lotric and A. Dobnikar, *Parallel implementations of feed-forward neural network using mpi and c# on .net platform*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson,

- and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 534–537.
- [LLM05] F. G. Lobo, C. F. Lima, and H. Martires, *Massive parallelization of the compact genetic algorithm*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 530–533.
- [LLTW05] Kangshun Li, Yuanxiang Li, Chong Teng, and Yuhua Wang, *Solving the roots of cyclic-code generated polynomial by using evolutionary computation*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 449–453.
- [LSR05] Q. Liu, A. H. Sung, and B. M. Ribeiro, *Statistical correlations and machine learning for steganalysis*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 437–440.
- [LSS05] Q. Li, Z. Shi, and Z. Shi, *Swarm intelligence clustering algorithm based on attractor*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 353–356.
- [Mar05] M. Marolt, *A connectionist model of finding partial groups in music recordings with application to music transcription*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 494–497.
- [ML05] T. Rogalsky Machado and Heitor Silverio Lopes, *A hybrid particle swarm optimization model for the traveling salesman problem*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 255–258.
- [MO05] M. Murata and S. Ozawa, *A memory-based reinforcement learning model utilizing macro-actions*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 78–81.
- [Mol05] U. Moller, *Estimating the number of clusters from distributional results of partitioning a given data set*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 151–154.
- [Mor05] S. Morita, *Simulating binocular eye movements based on 3-d short-term memory image in reading*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 470–473.
- [MSR05] S. Mukkamala, A. H. Sung, and B. M. Ribeiro, *Model selection for kernel based intrusion detection systems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 458–461.

- [MY05] K. Marzouki and T. Yamakawa, *Novel learning algorithm aiming at generating a unique units distribution in standard som*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 168–172.
- [NHKK05] H. Niska, T. Hiltunen, A. Karppinen, and M. Kolehmainen, *Evolutionary design and evaluation of modeling system for forecasting urban airborne maximum pollutant concentrations*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 181–184.
- [NS05] J. J. Neto and P. S. M. Silva, *An adaptive framework for the design of software specification languages*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 349–352.
- [OCCC05] R. Oliveira, A. Cunha, J. Clemente, and M. J. T. Carrondo, *Adaptive do-based control of substrate feeding in high cell density cultures operated under oxygen transfer limitation*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 300–303.
- [OI05] T. Ohba and M. Ishida, *Competitive decentralized autonomous neural net controllers*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 124–127.
- [ORG05] C. Osterman, C. Rego, and D. Gamboa, *The satellite list: A reversible doubly-linked list*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 542–545.
- [OS05] R. Oliveira and R. Salcedo, *Benchmark testing of simulated annealing, adaptive random search and genetic algorithms for the global optimization of bioprocesses*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 292–295.
- [PBH05] D. W. Pearson and M. Batton-Hubert, *Improved clustering by rotation of cluster centres*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 136–139.
- [PBK05a] D. Palmer-Brown and M. Kang, *Adfunn: An adaptive function neural network*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 1–4.
- [PBK05b] S. M. Perovich, S. I. Bauk, and N. Konjevic, *The analytical analysis of hopfield neuron parameters by the application of special trans function theory*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 33–37.
- [PKCR05] C. C. Peck, J. Kozloski, G. A. Cecchi, and A. R. Rao, *A biologically motivated classifier that preserves implicit relationship information in layered networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F.

- Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 82–85.
- [PMd05] Hemerson Pistori, Priscila S. Martins, and Amaury A. de Castro, Jr., *Adaptive finite state automata and genetic algorithms: Merging individual adaptation and population evolution*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 333–336.
- [PR05] A. Pereira and R. Rodrigues, *Redundant quantum arithmetic*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 280–283.
- [PRS05] P. Pinto, T. A. Runkler, and J. M. Sousa, *Wasp swarm optimization of logistic systems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 264–267.
- [PT05] K. Petra and S. Terezie, *Product kernel regularization networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 433–436.
- [PTR05] T. C. Pedrazzi, A. H. Tchemra, and R. L. A. Rocha, *Adaptive decision tables: A case study of their application to decision-taking problems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 341–344.
- [RAE⁺05] M. Ronnholm, K. Arve, K. Eranen, F. Klingstedt, T. Salmi, H. Saxen, and J. Westerholm, *Ann modeling applied to nox reduction with octane. ann future in personal vehicles*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 100–103.
- [RCN05] M. Rocha, P. Cortez, and J. Neves, *Evolutionary design of neural networks for classification and regression*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 304–307.
- [RHM05] R. Rastegar, A. Hariri, and M. Meybodi, *A fuzzy clustering algorithm using cellular learning automata based evolutionary algorithm*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 144–150.
- [RNV05] M. Rocha, J. Neves, and A. Veloso, *Evolutionary algorithms for static and dynamic optimization of fed-batch fermentation processes*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 288–291.
- [RTS05a] S. Rahnamayan, H. R. Tizhoosh, and M. Salama, *Learning image filtering from a gold sample based on genetic on genetic optimization of morphological processing*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 478–481.

- [RTS05b] D. Rehor, J. Tozicka, and P. Slavik, *Visualization of meta-reasoning in multi-agent systems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 385–388.
- [SBF05] H. Soula, G. Beslon, and J. Favrel, *Evolution versus learning in temporal neural networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 42–45.
- [SBI05] C. Shirota, M. Y. Barretto, and C. Itiki, *Associative memories and diagnostic classification of emg signals*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 482–485.
- [SE05] I. L. Schoeman and A. P. Engelbrecht, *A parallel vector-based particle swarm optimizer*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 268–271.
- [Shi05] K. Shibata, *Discretization of series of communication signals in noisy environment by reinforcement learning*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 486–489.
- [Sim05] J. Sima, *Generating sequential triangle strips by using hopfield nets*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 25–28.
- [SMB05] S. Shakya, J. McCall, and D. F. Brown, *Estimating the distribution in an eda*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 202–205.
- [SOV05] A. Sicard, J. Ospina, and M. Velez, *Numerical simulations of a possible hypercomputational quantum algorithm*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 272–275.
- [SP05] H. Saxon and F. Pettersson, *A simple method for selection of inputs and structure of feedforward neural networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 9–12.
- [SR05] C. Silva and B. Ribeiro, *Text classification from partially labeled distributed data*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 445–448.
- [SSC05] S. Silva, P. J. N. Silva, and E. Costa, *Resource-limited genetic programming: Replacing tree depth limits*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 243–246.

- [SSRdC05] C. A. Silva, J. M. Sousa, T. Runkler, and J. M. G. Sa da Costa, *Ant-based distributed optimization for supply chain management*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 357–360.
- [Sun05] H. Sun, *Combining topological and cardinal directional relation information in qsr*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 62–65.
- [Tam05] T. Tambouratzis, *Som-based estimation of meteorological profiles*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 173–176.
- [TBMMC05] E. Tamura, J. V. Busquets-Mataix, J. J. Serrano Martin, and A. M. Campoy, *A comparison of three genetic algorithms for locking-cache contents selection in real-time systems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 462–465.
- [TCC⁺05] A. Teixeira, A. Cunha, J. Clemente, P. M. Alves, M. J. T. Carrondo, and R. Oliveira, *Dynamic modelling and optimisation of a mammalian cells process using hybrid grey-box systems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 296–299.
- [TL05] M. Trebar and U. Lotric, *Predictive data mining on rubber compound database*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 108–111.
- [TLPC05] Jorge Tavares, Tiago Leitao, Francisco B. Pereira, and Ernesto Costa, *Evolving segments length in golomb rulers*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 239–242.
- [TPC05] Jorge Tavares, Francisco B. Pereira, and Ernesto Costa, *Golomb rulers: Experiments with marks representation*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 235–238.
- [TR05] D. Torres and C. Rocco, *Assessing the reliability of complex networks through hybrid intelligent systems*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 510–513.
- [UPV05] M. Udrescu, L. Prodan, and M. Vladutiu, *Efficient quantum circuits simulation with the bubble bit technique*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 276–279.
- [VK05] N. Viet and M. Kleiber, *Approximating the algebraic solution of systems of interval linear equations with use of neural networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W.

Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 377–380.

- [VN05] R. Vaculin and R. Neruda, *Autonomous behavior of computational agents*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 514–517.
- [VNR05] A. Vieira, J. C. Neves, and B. Ribeiro, *A method to improve generalization of neural networks: Application to the problem of bankruptcy prediction*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 417–420.
- [WA05] S. Wagner and M. Affenzeller, *Heuristicslab: A generic and extensible optimization environment*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 538–541.
- [WLLL05] C. Wu, Y. Liang, H. Lee, and C. Lu, *Intelligent agent inspired genetic algorithm*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 389–392.
- [WSC⁺05] L. M. Wang, X.H. Shi, G.J. Chen, H. W. Ge, H. P. Lee, and Y. C. Liang, *Applications of pso algorithm and oif elman neural network to assessment and forecasting for atmospheric quality*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 250–254.
- [XZ05] R.-M. Xin and W.-L. Zuo, *A more accurate text classifier for positive and unlabeled data*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 401–404.
- [YFT05] Masaya Yoshikawa, Takeshi Fujino, and Hidekazu Terai, *Parallel placement procedure based on distributed genetic algorithms*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 526–529.
- [YH05] Y. Yatsuzuka and Y. Ho, *Large scale hetero-associative networks with very high classification ability and attractor discrimination consisting of cumulative-learned 3-layer neural networks*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 86–91.
- [ZSR05] L. Zhang, J. Sitte, and U. Rueckert, *Local cluster neural network chip for control*, Adaptive and Natural Computing Algorithms (Coimbra, Portugal) (Bernardete Ribeiro, Rudolf F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, eds.), Springer Computer Series, Springer, 21-23 March 2005, pp. 116–119.