

Список литературы

- [1] T. Abualrub, A. Ghayeb, and X. Zeng. A special class of additive cyclic codes for dna computing. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 284–287, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: abualrub:2005:icannga

- [2] A. Acan and A. Gunay. An external memory supported aco for the frequency assignment problem. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 365–368, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: acan:2005:icannga

- [3] M. Affenzeller and S. Wagner. Offspring selection: A new self-adaptive selection scheme for genetic algorithms. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 218–221, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: affenzeller:2005:icannga

- [4] A. Agrawal, I. Mitchell, P. Passmore, and I. Litovski. Dynamics in proportionate selection. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 226–229, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: agrawal:2005:icannga

- [5] H. Altincay. An evidence theoretic ensemble design technique. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 66–69, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: altincay:2005:icannga

- [6] C. Avila, Y. Tsuji, and Y. Shiraishi. Crack width prediction of rc structures by artificial neural networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 92–95, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: avila:2005:icannga

- [7] F. Barth and E. Gomi. A meta-level architecture for adaptive applications. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 329–332, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: barth:2005:icannga

- [8] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 373–376, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: barzamini:2005:icannga

- [9] S. I. Bauk, S. M. Perovich, and A. Lompar. The linear approximation method to the modified hopfield neural network parameters analysis. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 29–32, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: bauk:2005:icannga

- [10] B. Beliczynski. Certain comments on data preparation for neural networks based modelling. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 5–8, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: beliczynski:2005:icannga

- [11] W. Bellil, C. Amar, and A. Alimi. Beta wavelet networks for function approximation. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 18–21, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: bellil:2005:icannga

- [12] Z. Bingul and H. M. Ertunc. Applying neural network to inverse kinematic problem for 6r robot manipulator with offset wrist. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 112–115, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: bingul:2005:icannga

- [13] A. Bisler. Emergent behavior of interacting groups of communicative agents. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 316–320, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: bisler:2005:icannga

- [14] G. Bontempi, M. Birattari, and P. E. Meyer. Combining lazy learning, racing and subsampling for effective feature selection. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 393–396, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: bontempi:2005:icannga

- [15] H. A. Boubacar, S. Lecoeuche, and S. Maouche. Audyc neural network using a new gaussian densities merge mechanism. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 155–158, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: boubacar:2005:icannga

- [16] F. Boudjemai, P. B. Enberg, and J. G. Postaire. 3d self organizing convex neural network architectures. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 164–167, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: boudjemai:2005:icannga

- [17] M. Boudour and A. Hellal. The growing hierarchical self-organizing feature maps and genetic algorithms for large scale power system security. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 159–163, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: boudour:2005:icannga

- [18] M. Boumehraz and K. Benmahammed. A switching controller for nonlinear systems via fuzzy models. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 120–123, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: boumehraz:2005:icannga

- [19] G. W. Braught. Evolving evolvability: Evolving both representations and operators. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 185–188, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: braught:2005:icannga

- [20] S. Brunetti, D. Dutta, S. Liberatori, E. Mori, and D. Varrazzo. An efficient algorithm for de novo peptide sequencing. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 312–315, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: brunetti:2005:icannga

- [21] A. R. Camolesi. Modeling a tool for the generation of programming environments for adaptive formalisms. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 337–340, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: camolesi:2005:icannga

- [22] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 490–493, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: caoB:2005:icannga

- [23] W. Cao, C. Xu, and S. Wang. An algorithm for face pose adjustment based on eye location. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 474–477, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: caoA:2005:icannga

- [24] M. Ciglaric, B. Ster M. Pancur, and A. Dobnikar. Datamining in grid environment. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 522–525, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: ciglaric:2005:icannga

- [25] E. Corchado, A. Herrero, B. Baruque, and J. M. Saiz. Intrusion detection system based on a cooperative topology preserving method. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 454–457, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: corchado:2005:icannga

- [26] P. Cruz. Speeding up backpropagation with multiplicative batch update step. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 22–24, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: cruz:2005:icannga

- [27] D. Curran and C. O’Riordan. Evolving blackjack strategies using cultural learning. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 210–213, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: curran:2005:icannga

- [28] L. E. Da Costa and J.-A. Landry. Generating grammatical plant models with genetic algorithms. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 230–234, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: dacosta:2005:icannga

- [29] A. Dantas and J. Seixas. An adaptive neural system for financial time series tracking. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 421–424, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: dantas:2005:icannga

- [30] N. Davey, L. Calcraft, and R. Adams. Associative memories with small world connectivity. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 74–77, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: davey:2005:icannga

- [31] Miguel Angelo de Abreu de Sousa and Andre Riyuita Hirakawa. Robotic mapping and navigation in unknown environments using adaptive automata. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 345–348, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: sousa:2005:icannga

- [32] S. Doan and S. Horiguchi. The use of multi-criteria in feature selection to enhance text categorization. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 441–444, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: doan:2005:icannga

- [33] K. A. J. Doherty, R. G. Adams, and N. Davey. Hierarchical growing neural gas. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 140–143, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: doherty:2005:icannga

- [34] H. Dongfeng and Li Wenhui. A binary digital watermarking scheme based on the orthogonal vector and ica-scs denoising. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 466–469, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: dongfeng:2005:icannga

- [35] J. Eidson, B. Hamilton, and V. Kanevsky. Learning from randomly-distributed inaccurate measurements. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 54–61, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: eidson:2005:icannga

- [36] I. Gabrijel and A. Dobnikar. On-line inference of finite automata in noisy environments. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 132–135, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: gabriel:2005:icannga

- [37] D. Gangadhar. Pelican - protein-structure alignment using cellular automaton models. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 308–311, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: gangadhar:2005:icannga

- [38] C. Garcia and J. Moreno. An efficient heuristic for the traveling salesman problem based on a growing som-like algorithm. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 177–180, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: garcia:2005:icannga

- [39] A. Gaspar-Cunha. A multi-objective evolutionary algorithm for solving traveling salesman problems: Application to the design of polymer extruders. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 189–193, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: gaspar-cunha:2005:icannga

- [40] N. Gupta and V. K. Agrawal. Two-criterion optimization in state assignment for synchronous finite state machines using nsga-ii. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 214–217, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: gupta:2005:icannga

- [41] S. Hayward. Genetic algorithm optimization of an artificial neural network for financial applications. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 409–416, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: hayward:2005:icannga

- [42] M. Helle and H. Saxen. A method for detecting cause-effects in data from complex processes. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 104–107, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: helle:2005:icannga

- [43] M. Holena. Neural-networks for extraction of fuzzy logic rules with application to eeg data. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 369–372, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: holena:2005:icannga

- [44] U. Honig and W. Schiffmann. Comparison of nature inspired and deterministic scheduling heuristics considering optimal schedules. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 361–364, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: honig:2005:icannga

- [45] A. Horzyk. Interval basis neural network. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 50–53, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: horzyk:2005:icannga

- [46] O. Hoshino. Cortical modulation of synaptic efficacies through norepinephrine. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 70–73, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: hoshino:2005:icannga

- [47] M. Huk and H. Kwasnicka. The concept and properties of sigma-if neural network. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 13–17, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: huk:2005:icannga

- [48] M. Jankovic and H. Ogawa. Time-oriented hierarchical method for computation of minor components. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 38–41, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: jankovic:2005:icannga

- [49] J. Jedrzejowicz and P. Jedrzejowicz. Implementation and experimental validation of the population learning algorithm applied to solving qap instances. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 198–201, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: jedrzejowicz:2005:icannga

- [50] T. M. Jelleli and A. M. Alimi. Improved hierarchical fuzzy control scheme. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 128–131, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: jelleli:2005:icannga

- [51] P. Jonkergouw, E. Keedwell, and S.-T. Khu. Modelling chlorine decay in water networks with genetic programming. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 206–209, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: jonkergouw:2005:icannga

- [52] R. Joshi, C. Reeves, and C. Johnston. Probabilistic artificial neural networks for malignant melanoma prognosis. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 425–428, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: joshi:2005:icannga

- [53] B. Kaewkamnerdpong and P. J. Bentley. Perceptive particle swarm optimisation. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 259–263, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: kaewkamnerdpong:2005:icannga

- [54] D. G. Kaklamanos and K. G. Margaritis. Personalized news access. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 397–400, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: kaklamanos:2005:icannga

- [55] H. Kawasnicka and M. Paradowski. Efficiency aspects of neural network architecture evolution using direct and indirect encoding. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 405–408, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: :2005:icannga

- [56] M. Kherallah, F. Bouri, and M. A. Alimi. Toward an on-line handwriting recognition system based on visual coding and genetic algorithm. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 502–505, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: kherallah:2005:icannga

- [57] Y. Kilani and A. Mohdzin. Treating some constraints as hard speeds up the esg local search algorithm. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 247–249, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: kilani:2005:icannga

- [58] S. Kita, S. Maekawa, S. Ozawa, and S. Abe. Boosting kernel discriminant analysis with adaptive kernel selection. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 429–432, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: kita:2005:icannga

- [59] M. Koppen, R. Vicente-Garcia, and B. Nickolay. The pareto-box problem for the modelling of evolutionary multiobjective optimization algorithms. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 194–197, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: koppen:2005:icannga

- [60] J. Koutnik and M. Snorek. Neural network generating hidden markov chain. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 518–521, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: koutnik:2005:icannga

- [61] A. Krishna, A. Narayanan, and E. C. Keedwell. Reverse engineering gene networks with artificial neural networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 325–328, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: krishna:2005:icannga

- [62] J. Kubalik. Using genetic algorithms with real-coded binary representation for solving non-stationary problems. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 222–225, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: kubalik:2005:icannga

- [63] V. Kurkova. Minimization of empirical error over perceptron networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 46–49, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: kurkova:2005:icannga

- [64] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 96–99, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: lamrini:2005:icannga

- [65] Kangshun Li, Yuanxiang Li, Chong Teng, and Yuhua Wang. Solving the roots of cyclic-code generated polynomial by using evolutionary computation. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 449–453, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: liA:2005:icannga

- [66] Q. Li, Z. Shi, and Z. Shi. Swarm intelligence clustering algorithm based on attractor. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 353–356, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: li:2005:icannga

- [67] Q. Liu, A. H. Sung, and B. M. Ribeiro. Statistical correlations and machine learning for steganalysis. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 437–440, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: liuA:2005:icannga

- [68] F. G. Lobo, C. F. Lima, and H. Martires. Massive parallelization of the compact genetic algorithm. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 530–533, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: lobo:2005:icannga

- [69] U. Lotric and A. Dobnikar. Parallel implementations of feed-forward neural network using mpi and c# on .net platform. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 534–537, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: lotric:2005:icannga

- [70] T. Rogalsky Machado and Heitor Silverio Lopes. A hybrid particle swarm optimization model for the traveling salesman problem. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 255–258, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: rogalsky:2005:icannga

- [71] M. Marolt. A connectionist model of finding partial groups in music recordings with application to music transcription. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 494–497, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: marolt:2005:icannga

- [72] K. Marzouki and T. Yamakawa. Novel learning algorithm aiming at generating a unique units distribution in standard som. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 168–172, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: marzouki:2005:icannga

- [73] U. Moller. Estimating the number of clusters from distributional results of partitioning a given data set. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 151–154, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: moller:2005:icannga

- [74] S. Morita. Simulating binocular eye movements based on 3-d short-term memory image in reading. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 470–473, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: morita:2005:icannga

- [75] S. Mukkamala, A. H. Sung, and B. M. Ribeiro. Model selection for kernel based intrusion detection systems. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 458–461, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: mukkamala:2005:icannga

- [76] M. Murata and S. Ozawa. A memory-based reinforcement learning model utilizing macro-actions. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 78–81, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: murata:2005:icannga

- [77] J. J. Neto and P. S. M. Silva. An adaptive framework for the design of software specification languages. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 349–352, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: neto:2005:icannga

- [78] H. Niska, T. Hiltunen, A. Karppinen, and M. Kolehmainen. Evolutionary design and evaluation of modeling system for forecasting urban airborne maximum pollutant concentrations. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 181–184, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: niska:2005:icannga

- [79] T. Ohba and M. Ishida. Competitive decentralized autonomous neural net controllers. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 124–127, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: ohba:2005:icannga

- [80] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 300–303, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: oliveiraB:2005:icannga

- [81] R. Oliveira and R. Salcedo. Benchmark testing of simulated annealing, adaptive random search and genetic algorithms for the global optimization of bioprocesses. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 292–295, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: oliveiraA:2005:icannga

- [82] C. Osterman, C. Rego, and D. Gamboa. The satellite list: A reversible doubly-linked list. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 542–545, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: osterman:2005:icannga

- [83] D. Palmer-Brown and M. Kang. Adfunn: An adaptive function neural network. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 1–4, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: palmer-brown:2005:icannga

- [84] D. W. Pearson and M. Batton-Hubert. Improved clustering by rotation of cluster centres. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 136–139, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: pearson:2005:icannga

- [85] C. C. Peck, J. Kozloski, G. A. Cecchi, and A. R. Rao. A biologically motivated classifier that preserves implicit relationship information in layered networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 82–85, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: peck:2005:icannga

- [86] T. C. Pedrazzi, A. H. Tchemra, and R. L. A. Rocha. Adaptive decision tables: A case study of their application to decision-taking problems. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 341–344, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: pedrazzi:2005:icannga

- [87] A. Pereira and R. Rodrigues. Redundant quantum arithmetic. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 280–283, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: pereira:2005:icannga

- [88] S. M. Perovich, S. I. Bauk, and N. Konjevic. The analytical analysis of hopfield neuron parameters by the application of special trans function theory. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 33–37, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: perovich:2005:icannga

- [89] K. Petra and S. Terezie. Product kernel regularization networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 433–436, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: petra:2005:icannga

- [90] P. Pinto, T. A. Runkler, and J. M. Sousa. Wasp swarm optimization of logistic systems. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 264–267, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: pinto:2005:icannga

- [91] Hemerson Pistori, Priscila S. Martins, and Amaury A. de Castro, Jr. Adaptive finite state automata and genetic algorithms: Merging individual adaptation and population evolution. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 333–336, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: pistori:2005:icannga

- [92] S. Rahnamayan, H. R. Tizhoosh, and M. Salama. Learning image filtering from a gold sample based on genetic on genetic optimization of morphological processing. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 478–481, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: rahnamayan:2005:icannga

- [93] R. Rastegar, A. Hariri, and M. Meybodi. A fuzzy clustering algorithm using cellular learning automata based evolutionary algorithm. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 144–150, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: rastegar:2005:icannga

- [94] D. Rehor, J. Tozicka, and P. Slavik. Visualization of meta-reasoning in multi-agent systems. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 385–388, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: rehor:2005:icannga

- [95] M. Rocha, P. Cortez, and J. Neves. Evolutionary design of neural networks for classification and regression. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 304–307, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: rochaB:2005:icannga

- [96] M. Rocha, J. Neves, and A. Veloso. Evolutionary algorithms for static and dynamic optimization of fed-batch fermentation processes. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 288–291, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: rochaA:2005:icannga

- [97] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 100–103, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: ronnholm:2005:icannga

- [98] H. Saxon and F. Pettersson. A simple method for selection of inputs and structure of feedforward neural networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 9–12, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: saxon:2005:icannga

- [99] I. L. Schoeman and A. P. Engelbrecht. A parallel vector-based particle swarm optimizer. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 268–271, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: schoeman:2005:icannga

- [100] S. Shakya, J. McCall, and D. F. Brown. Estimating the distribution in an eda. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 202–205, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: shakya:2005:icannga

- [101] K. Shibata. Discretization of series of communication signals in noisy environment by reinforcement learning. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 486–489, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: shibata:2005:icannga

- [102] C. Shirota, M. Y. Barretto, and C. Itiki. Associative memories and diagnostic classification of emg signals. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 482–485, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: shirota:2005:icannga

- [103] A. Sicard, J. Ospina, and M. Velez. Numerical simulations of a possible hypercomputational quantum algorithm. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 272–275, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: sicard:2005:icannga

- [104] C. Silva and B. Ribeiro. Text classification from partially labeled distributed data. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 445–448, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: silvaB:2005:icannga

- [105] C. A. Silva, J. M. Sousa, T. Runkler, and J. M. G. Sa da Costa. Ant-based distributed optimization for supply chain management. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 357–360, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: silvaA:2005:icannga

- [106] S. Silva, P. J. N. Silva, and E. Costa. Resource-limited genetic programming: Replacing tree depth limits. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 243–246, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: silva:2005:icannga

- [107] J. Sima. Generating sequential triangle strips by using hopfield nets. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 25–28, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: sima:2005:icannga

- [108] H. Soula, G. Beslon, and J. Favrel. Evolution versus learning in temporal neural networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 42–45, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: soula:2005:icannga

- [109] H. Sun. Combining topological and cardinal directional relation information in qsr. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 62–65, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: sun:2005:icannga

- [110] T. Tambouratzis. Som-based estimation of meteorological profiles. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 173–176, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: tambouratzis:2005:icannga

- [111] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 462–465, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: tamura:2005:icannga

- [112] Jorge Tavares, Tiago Leitao, Francisco B. Pereira, and Ernesto Costa. Evolving segments length in golomb rulers. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 239–242, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: tavaresB:2005:icannga

- [113] Jorge Tavares, Francisco B. Pereira, and Ernesto Costa. Golomb rulers: Experiments with marks representation. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 235–238, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: tavaresA:2005:icannga

- [114] A. Teixeira, A. Cunha, J. Clemente, P. M. Alves, M. J. T. Carrondo, and R. Oliveira. Dynamic modelling and optimisation of a ammalian cells process using hybrid grey-box systems. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 296–299, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: teixeira:2005:icannga

- [115] D. Torres and C. Rocco. Assessing the reliability of complex networks through hybrid intelligent systems. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 510–513, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: torres:2005:icannga

- [116] M. Trebar and U. Lotric. Predictive data mining on rubber compound database. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 108–111, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: trebar:2005:icannga

- [117] M. Udrescu, L. Prodan, and M. Vladutiu. Efficient quantum circuits simulation with the bubble bit technique. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 276–279, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: udrescu:2005:icannga

- [118] R. Vaculin and R. Neruda. Autonomous behavior of computational agents. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 514–517, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: vaculin:2005:icannga

- [119] A. Vieira, J. C. Neves, and B. Ribeiro. A method to improve generalization of neural networks: Application to the problem of bankruptcy prediction. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 417–420, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: vieira:2005:icannga

- [120] N. Viet and M. Kleiber. Approximating the algebraic solution of systems of interval linear equations with use of neural networks. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 377–380, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: viet:2005:icannga

- [121] S. Wagner and M. Affenzeller. Heuristiclabb: A generic and extensible optimization environment. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 538–541, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: wagner:2005:icannga

- [122] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 250–254, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: wang:2005:icannga

- [123] C. Wu, Y. Liang, H. Lee, and C. Lu. Intelligent agent inspired genetic algorithm. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 389–392, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: wu:2005:icannga

- [124] R.-M. Xin and W.-L. Zuo. A more accurate text classifier for positive and unlabeled data. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 401–404, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: xin:2005:icannga

- [125] 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. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 86–91, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: yatsuzuka:2005:icannga

- [126] Masaya Yoshikawa, Takeshi Fujino, and Hidekazu Terai. Parallel placement procedure based on distributed genetic algorithms. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 526–529, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: yoshikawa:2005:icannga

- [127] L. Zhang, J. Sitte, and U. Rueckert. Local cluster neural network chip for control. In Bernardete Ribeiro, Rudof F. Albrecht, Andrej Dobnikar, David W. Pearson, and Nigel C. Steele, editors, *Adaptive and Natural Computing Algorithms*, Springer Computer Series, pages 116–119, Coimbra, Portugal, 21-23 March 2005. Springer.

KEY: zhang:2005:icannga