Список литературы

- Abraham, A, Ruiz-del-Solar, J, & Köppen, M, eds. (2002) Soft Computing Systems Design, Management and Applications, Frontiers in Artificial Intelligence and Applications (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.) Vol. 87.
- [2] Oja, E. (2002) Independent Component Analisys, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), p. 3.
- [3] de Baets, B. (2002) Fuzzy Set Theory a Playground for Mathematicians, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), p. 4.
- [4] Khatib, O. (2002) Robots for the Human and Haptic Interaction, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), p. 5.
- [5] Langdon, W. B. (2002) A Hybrid Genetic Programming Neural Network Classifier for Use in Drug Discovery, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), p. 6.
- [6] Kacprzyk, J & Zadrony, S. (2002) Protoforms of Linguistic Data Summaries: Towards More General Natural-Language-Based Data Minig Tools, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), p. 7.
- [7] Sung, A. H. (2002) Role of Soft Computing in Internet Security, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), p. 8.
- [8] Dote, Y. (2002) Neuro-Fuzzy Control, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 9–10.
- [9] Letelier, J. C, Martin, G, Mpodozis, J, & Andrade, J. S. (2002) Anticipatory Computing with Autopoietic and (M R)Systems, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), p. 11.
- [10] Amali, R, Vinney, J, Noroozi, S, & Patel, V. (2002) The Use of a Back Propagation Neural Network to Determine the Load Distribution on a Component, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 15–20.
- [11] Lee, S, Palmer-Brown, D, Tepper, J, & Roadknight, C. (2002) Performance-guided Neural Network for Rapidly Self-Organising Active Network Management, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 21–31.
- [12] Fdez-Riverola, F & Corchado, J. (2002) An Automated Hybrid Reasoning System for Forecasting, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 31–41.
- [13] Bologna, G. (2002) Rule Extraction from Bagged Neural Networks, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 42–53.
- [14] Saegusa, R & Hashimoto, S. (2002) Nonlinear Principal Component Analysis to Preserve the Order of Principal Components, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 54–63.

- [15] Minami, T & Inui, T. (2002) A Neural Network Model of Rule-guided Behavior, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 64–73.
- [16] Prudêncio, R. C & Ludermir, T. (2002) Selection of Models for Time Series Prediction via Meta-Learning, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 74–83.
- [17] K. Cios, W. J & W. Swiercz, L. S. (2002) Spiking Neurons in Clustering of Diabetic Retinopathy Data, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 84–94.
- [18] Shekar, B & Natarajan, R. (2002) A Fuzzy Relatedness Measure for Determining Interestingness of Association Rules, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 95–104.
- [19] Rakus-Andersson, E & Zakrzewski, L. (2002) Factor Analysis with Qualitative Factors as Fuzzy Numbers, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 105–114.
- [20] Astrain, J, Garitagoitia, J, Villadangos, J, Fariña, F, & Córdoba, A. (2002) An Imperfect String Matching Experience Using Deformed Fuzzy Automata, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 115–123.
- [21] Mastropasqua, D, Mosca, N, & Zambetta, F. (2002) An XML-based specification of fuzzy logic controllers, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruizdel-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 124–131.
- [22] Ishibuchi, H & Yamamoto, T. (2002) Comparison of Fuzzy Rule Selection Criteria for Classification Problems, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 132–141.
- [23] Cock, M. D. (2002) Linguistic Hedges: a Quantifier Based Approach, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 142–152.
- [24] Ferreira, C. (2002) Analyzing the Founder Effect in Simulated Evolutionary Processes Using Gene Expression Programming, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 153–162.
- [25] Ishibuchi, H & Yoshida, T. (2002) Hybrid Evolutionary Multi-Objective Optimization Algorithms, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 163–172.
- [26] Wiese, K & Glen, E. (2002) A Permutation Based Genetic Algorithm for RNA Secondary Structure Prediction, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruizdel-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 173–182.
- [27] Hirche, S, Santibanez-Koref, I, & Boblan, I. (2002) Design of Strong Causal Fitness Functions, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 183–192.

- [28] Beker, T & Hadany, L. (2002) Noise and Elitism in Evolutionary Computation, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 193–203.
- [29] Letelier, J, Marín, G, Mpodozis, J, & Soto-Andrade, J. (2002) Anticipatory Computing with Autopoietic and (M,R) Systems, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 205–211.
- [30] Asseraf, M. (2002) An Efficient Algorithm in Optimal Partition Problem for Trees Induction, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 212–220.
- [31] Weidl, G, Madsen, A, & Dahlquist, E. (2002) Condition Monitoring, Root Cause Analysis and Decision Support on Urgency of Actions, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 221–230.
- [32] Zanni, C, Goc, M. L, & Frydman, C. (2002) Towards a Unique Framework to Describe and Compare Diagnosis Approaches, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 231–240.
- [33] Jedrzejowicz, J & Jedrzejowicz, P. (2002) Experimental Evaluation of the PLA-Based Permutation-Scheduling, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 241–250.
- [34] Batista, G. E. A. P. A & Monard, M. (2002) A Study of K-Nearest Neighbour as an Imputation Method, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 251–260.
- [35] Zegers, P & Sundareshan, M. (2002) Determining The Degree of Generalization Using An Incremental Learning Algorithm, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 261–270.
- [36] Knowles, J & Corne, D. (2002) Towards Landscape Analyses to Inform the Design of Hybrid Local Search for the Multiobjective Quadratic Assignment Problem, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 271–279.
- [37] Gokcen, I, Peng, J, & Buckles, B. (2002) Active Learning Using One-class Classification, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 280–289.
- [38] Dixon, P, Corne, D, & Oates, M. (2002) Enhancing Real-World Applicability by Providing Confidence-in-Prediction in the XCS Classifier System, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 290–299.
- [39] Kawamae, N. (2002) Latent Semantic Indexing Based on Factor Analysis, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 300–308.
- [40] Veenhuis, C & Köppen, M. (2002) Document Oriented Modeling of Cellular Automata, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 309–320.

- [41] Ali, A. S & Abraham, A. (2002) An Empirical Comparison of Kernel Selection for Support Vector Machines, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 321–330.
- [42] Liu, Z & Xu, Y. (2002) Adaptive Support Vector Classifications, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 331–340.
- [43] Ribeiro, B & Carvalho, P. (2002) Mercer's Kernel Based Learning for Fault Detection, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 341–350.
- [44] Mukkamala, S & Sung, A. (2002) Performance Based Feature Identification for Intrusion Detection Using Support Vector Machines, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 351–364.
- [45] Mora-Jiménez, I, Lyhyaoui, A, Arenas-García, J, Navia-Vázquez, A, & Figueiras-Vidal, A. (2002) A Trainable Classifier via k Nearest Neighbors, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 365–373.
- [46] Lenic, M & Kokol, P. (2002) Combining Classifiers with Multimethod Approach, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 374–383.
- [47] Maturana, C & Weber, R. (2002) Feature Extraction by Distance Neural Network in Classification Tasks, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 384–393.
- [48] D. Partridge, S. C. (2002) Revealing Feature Interactions in Classification Tasks, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 394–403.
- [49] Zemke, S. (2002) Ensembles in Practice: Predication, Estimation, Multi-Feature and Noisy Data, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 404–416.
- [50] Kacprzyk, J & Zadrozny, S. (2002) Protoforms of Linguistic Data Summaries: Towards More General Natural-Language-Based Data Mining Tools, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 417–425.
- [51] Aguilar, J & Perozo, N. (2002) Sparse Distributed Memory with Adaptive Threshold, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 426–432.
- [52] Sharma, D. (2002) *UniLR: An Automated Fuzzy Legal Reasoner*, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 433–441.
- [53] Ziarko, W. (2002) Set Approximation Quality Measures in the Variable Precision Rough Set Model, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 442–452.
- [54] Jr., E. H, Hruschka, E, & Ebecken, N. (2002) A Data Preparation Bayesian Approach for a Clustering Genetic Algorithm, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 453–461.

- [55] Chervonenkis, A. J. (2002) Reconstruction of conditional distribution field based on empirical data, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 462–469.
- [56] Jakovlevich, C. (2002) Reconstruction of conditional distribution field based on empirical data, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 462–469.
- [57] Macedo, S & Mamdani, E. (2002) Bi-Directional Flow of Information in the Softboard Architecture, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 470–479.
- [58] Velásquez, J, Yasuda, H, Aoki, T, & Weber, R. (2002) Voice Codification using Self Organizing Maps as Data Mining Tool, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 480–489.
- [59] M. C. Martins, I. G. (2002) Identifying Patterns of Corporate Tax Payment, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 490–499.
- [60] Ramos, V, Muge, F, & Pina, P. (2002) Self-Organized Data and Image Retrieval as a Consequence of Inter-Dynamic Synergistic Relationships in Artificial Ant Colonies, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 500-512.
- [61] Zambetta, F & Catucci, G. (2002) Designing Not-So-Dull Virtual Dolls, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 513–518.
- [62] Nolan, J, Sood, A, & Simon, R. (2002) SADISCO: A Scalable Agent Discovery and Composition Mechanism, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruizdel-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 519–528.
- [63] Gouarderes, S, Gouarderes, G, & Delpy, P. (2002) MAYBE Multi-Agent Yield-Based Engineering : Improve Training in the Emergency Room Chain, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 529–539.
- [64] Iba, H, Tokui, N, & Wakaki, H. (2002) 3D-CG Avatar Motion Design by means of Interactive Evolutionary Computation, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 540–549.
- [65] Marik, V & Mashkov, V. (2002) Alliance Formation with Several Coordinators, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 550–564.
- [66] Baeza-Yates, R & Castillo, C. (2002) Balancing Volume, Quality and Freshness in Web Crawling, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 565–572.
- [67] Angkawattanawit, N & Rungsawang, A. (2002) Learnable Topic-specific Web Crawler, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 573–582.
- [68] Rodríguez, M. (2002) A Spatial Dimension for Searching the World Wide Web, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 583–592.

- [69] Morales, E & Gutiérrez, C. (2002) Building Yearbooks with RDF, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 593–601.
- [70] Jarur, M & Rodriguez, M. (2002) A non-Deterministic versus Deterministic Algorithm for Searching Spatial Configurations, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 602–611.
- [71] Marin, M. (2002) Parallel Text Query Processing using Composite Inverted Lists, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 612–624.
- [72] Kumar, V. (2002) *Human Reasoning In Soft Computing*, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 625–633.
- [73] do Nascimento, H & Eades, P. (2002) A Focus and Constraint-Based Genetic Algorithm for Interactive Directed Graph Drawing, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 634–643.
- [74] Sanchis, E & Castro, M. (2002) Dialogue Act Connectionist Detection in a Spoken Dialogue System, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 644–651.
- [75] Sugimoto, F & Yoneyama, M. (2002) A Trial Method to Create a Natural Interaction in Interactive Genetic Algorithm, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 652–662.
- [76] Navarrete, P & del solar, J. R. (2002) Eigenspace-based Face Recognition: A comparative study of different hybrid approaches, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 663–672.
- [77] Oufroukh, N. A & Colle, E. (2002) Pattern Recognition with Ultrasonic Sensor using Classification Methods, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 673–680.
- [78] Vishwanthan, S & Murty, M. (2002) Jigsawing: A Method to Create Virtual Examples in OCR data, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 690–696.
- [79] Haindl, M & äimberová, S. (2002) Model-Based Restoration of Short-Exposure Solar Images, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 697–706.
- [80] Brouwer, R. (2002) Using a Helper FFN to Represent the Cost Function for Training DRNN's by Gradient Descent, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 707–714.
- [81] Torres, S & Pezoa, J. (2002) Scene-Based Nonuniformity Correction Method Using the Inverse Covariance Form of the Kalman Filter, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 715–724.

- [82] Vera, E, Reeves, R, & Torres, S. (2002) Adaptive Bias Compensation for Non-Uniformity Correction on Infrared Focal Plane Array Detectors, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 725–734.
- [83] Youssif, R & Purdy, C. (2002) Combining Genetic Algorithms and Neural Networks to Build a Signal Pattern Classifier, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 735–744.
- [84] Murakami, M, Yoneyama, M, & Shirai, K. (2002) Accurate Human Face Extraction using Genetic Algorithm and Subspace Method, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 745–754.
- [85] Montiel, O, Castillo, O, Melin, P, & Sepulveda, R. (2002) The Evolutionary Learning Rule for System Identification in Adaptive Finite Impulse Filters, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 755–764.
- [86] Köppen, M, Garcia, R. V, Liu, X, & Nickolay, B. (2002) 2D-Histogram Lookup for Low-contrast Fault Processing, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 765–774.
- [87] Nakamatsu, K, Abe, J, & Suzuki, A. (2002) A Railway Interlocking Safety Verification System Based on Abductive Paraconsistent Logic Programming, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 775–784.
- [88] Kramer, K, Patzwahl, S, & Nacke, T. (2002) Complete Algorithm to realize CI Model-based Control and Monitoring Strategies on Microcontroller Systems, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 785–795.
- [89] Castilho, V, Nicoletti, M, & Debs, M. E. (2002) Using Genetic Algorithms for Minimizing the Production Costs of Hollow Core Slabs, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 796–805.
- [90] Cuppens, F, Autrel, F, Miège, A, & Benferhat, S. (2002) Recognizing Malicious Intention in an Intrusion Detection Process, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 806–817.
- [91] Cheng, S, Chen, Y, Tseng, C, Fu, H, & Pao, H. (2002) A Self-growing Probabilistic Decision-based Neural Network with Applications to Anchor/Speaker Identification, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 818–829.
- [92] Heinen, F & Osório, F. (2002) HyCAR A Robust Hybrid Control Architecture for Autonomous Robots, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 830–842.
- [93] Wang, X & Smith, K. (2002) Clustering Web User Interests Using Self Organising Maps, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 843–852.

- [94] Wang, X, Abraham, A, & Smith, K. (2002) Web Traffic Mining Using a Concurrent Neuro-Fuzzy Approach, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 853–862.
- [95] Sunayama, W & Yachida, M. (2002) Panoramic View System for Extracting Key Sentences based on Viewpoints and an Application to a Search Engine, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 863–870.
- [96] Rumantir, G. (2002) Frequent Flyer Points Calculator: More Than Just a Table Lookup, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 871–880.
- [97] Sinka, M & Corne, D. (2002) Web and Multimedia Applications, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 881–890.
- [98] Walker, R. (2002) Simulating an Information Ecosystem within the WWW, Frontiers in Artificial Intelligence and Applications Vol. 87 eds. Abraham, A, Ruiz-del-Solar, J, & Köppen, M. (IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.), pp. 891–900.