## Список литературы

- [1] Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. vol. 87 of Frontiers in Artificial Intelligence and Applications. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002.
- [2] Oja E. Independent Component Analisys. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 3.
- [3] de Baets B. Fuzzy Set Theory a Playground for Mathematicians. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 4.
- [4] Khatib O. Robots for the Human and Haptic Interaction. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 5.
- [5] Langdon WB. A Hybrid Genetic Programming Neural Network Classifier for Use in Drug Discovery. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 6.
- [6] Kacprzyk J, Zadrony S. Protoforms of Linguistic Data Summaries: Towards More General Natural-Language-Based Data Minig Tools. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 7.
- [7] Sung AH. Role of Soft Computing in Internet Security. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 8.
- [8] Dote Y. Neuro-Fuzzy Control. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 9-10.
- [9] Letelier JC, Martin G, Mpodozis J, Andrade JS. Anticipatory Computing with Autopoietic and (M R)Systems. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems -Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 11.
- [10] Amali R, Vinney J, Noroozi S, Patel V. The Use of a Back Propagation Neural Network to Determine the Load Distribution on a Component. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 15-20.
- [11] Lee SW, Palmer-Brown D, Tepper J, Roadknight C. Performance-guided Neural Network for Rapidly Self-Organising Active Network Management. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 21-31.

- [12] Fdez-Riverola F, Corchado JM. An Automated Hybrid Reasoning System for Forecasting. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 31-41.
- [13] Bologna G. Rule Extraction from Bagged Neural Networks. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 42-53.
- [14] Saegusa R, Hashimoto S. Nonlinear Principal Component Analysis to Preserve the Order of Principal Components. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 54-63.
- [15] Minami T, Inui T. A Neural Network Model of Rule-guided Behavior. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 64-73.
- [16] Prudêncio RBC, Ludermir TB. Selection of Models for Time Series Prediction via Meta-Learning. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 74-83.
- [17] K Cios WJ, W Swiercz LS. Spiking Neurons in Clustering of Diabetic Retinopathy Data. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 84-94.
- [18] Shekar B, Natarajan R. A Fuzzy Relatedness Measure for Determining Interestingness of Association Rules. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 95-104.
- [19] Rakus-Andersson E, Zakrzewski L. Factor Analysis with Qualitative Factors as Fuzzy Numbers. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 105-14.
- [20] Astrain JJ, Garitagoitia JR, Villadangos J, Fariña F, Córdoba A. An Imperfect String Matching Experience Using Deformed Fuzzy Automata. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 115-23.
- [21] Mastropasqua D, Mosca N, Zambetta F. An XML-based specification of fuzzy logic controllers. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 124-31.
- [22] Ishibuchi H, Yamamoto T. Comparison of Fuzzy Rule Selection Criteria for Classification Problems. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems -Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 132-41.
- [23] Cock MD. Linguistic Hedges: a Quantifier Based Approach. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 142-52.

- [24] Ferreira C. Analyzing the Founder Effect in Simulated Evolutionary Processes Using Gene Expression Programming. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 153-62.
- [25] Ishibuchi H, Yoshida T. Hybrid Evolutionary Multi-Objective Optimization Algorithms. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 163-72.
- [26] Wiese KC, Glen E. A Permutation Based Genetic Algorithm for RNA Secondary Structure Prediction. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 173-82.
- [27] Hirche S, Santibanez-Koref I, Boblan I. Design of Strong Causal Fitness Functions. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 183-92.
- [28] Beker T, Hadany L. Noise and Elitism in Evolutionary Computation. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 193-203.
- [29] Letelier JC, Marin G, Mpodozis J, Soto-Andrade J. Anticipatory Computing with Autopoietic and (M,R) Systems. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 205-11.
- [30] Asseraf M. An Efficient Algorithm in Optimal Partition Problem for Trees Induction. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 212-20.
- [31] Weidl G, Madsen A, Dahlquist E. Condition Monitoring, Root Cause Analysis and Decision Support on Urgency of Actions. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 221-30.
- [32] Zanni CH, Goc ML, Frydman CS. Towards a Unique Framework to Describe and Compare Diagnosis Approaches. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 231-40.
- [33] Jedrzejowicz J, Jedrzejowicz P. Experimental Evaluation of the PLA-Based Permutation-Scheduling. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 241-50.
- [34] Batista GEAPA, Monard MC. A Study of K-Nearest Neighbour as an Imputation Method. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 251-60.
- [35] Zegers P, Sundareshan MK. Determining The Degree of Generalization Using An Incremental Learning Algorithm. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing

- Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 261-70.
- [36] Knowles JD, Corne DW. Towards Landscape Analyses to Inform the Design of Hybrid Local Search for the Multiobjective Quadratic Assignment Problem. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 271-9.
- [37] Gokcen I, Peng J, Buckles BP. Active Learning Using One-class Classification. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 280-9.
- [38] Dixon PW, Corne DW, Oates MJ. Enhancing Real-World Applicability by Providing Confidence-in-Prediction in the XCS Classifier System. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 290-9.
- [39] Kawamae N. Latent Semantic Indexing Based on Factor Analysis. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 300-8.
- [40] Veenhuis C, Köppen M. Document Oriented Modeling of Cellular Automata. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 309-20.
- [41] Ali ABMS, Abraham A. An Empirical Comparison of Kernel Selection for Support Vector Machines. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 321-30.
- [42] Liu Z, Xu Y. Adaptive Support Vector Classifications. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 331-40.
- [43] Ribeiro B, Carvalho P. Mercer's Kernel Based Learning for Fault Detection. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 341-50.
- [44] Mukkamala S, Sung AH. Performance Based Feature Identification for Intrusion Detection Using Support Vector Machines. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 351-64.
- [45] Mora-Jiménez I, Lyhyaoui A, Arenas-García J, Navia-Vázquez A, Figueiras-Vidal AR. A Trainable Classifier via k Nearest Neighbors. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 365-73.
- [46] Lenic M, Kokol P. Combining Classifiers with Multimethod Approach. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 374-83.

- [47] Maturana C, Weber R. Feature Extraction by Distance Neural Network in Classification Tasks. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 384-93.
- [48] D Partridge SC. Revealing Feature Interactions in Classification Tasks. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 394-403.
- [49] Zemke S. Ensembles in Practice: Predication, Estimation, Multi-Feature and Noisy Data. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 404-16.
- [50] Kacprzyk J, Zadrozny S. Protoforms of Linguistic Data Summaries: Towards More General Natural-Language-Based Data Mining Tools. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 417-25.
- [51] Aguilar JL, Perozo N. Sparse Distributed Memory with Adaptive Threshold. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 426-32.
- [52] Sharma D. UniLR: An Automated Fuzzy Legal Reasoner. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 433-41.
- [53] Ziarko W. Set Approximation Quality Measures in the Variable Precision Rough Set Model. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 442-52.
- [54] Jr ERH, Hruschka ER, Ebecken NFF. A Data Preparation Bayesian Approach for a Clustering Genetic Algorithm. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002, p. 453-61.
- [55] Chervonenkis AJ. Reconstruction of conditional distribution field based on empirical data. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 462-9.
- [56] Jakovlevich CA. Reconstruction of conditional distribution field based on empirical data. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 462-9.
- [57] Macedo S, Mamdani E. Bi-Directional Flow of Information in the Softboard Architecture. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 470-9.
- [58] Velásquez JD, Yasuda H, Aoki T, Weber R. Voice Codification using Self Organizing Maps as Data Mining Tool. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 480-9.

- [59] M C Martins IMG. Identifying Patterns of Corporate Tax Payment. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 490-9.
- [60] Ramos V, Muge F, Pina P. Self-Organized Data and Image Retrieval as a Consequence of Inter-Dynamic Synergistic Relationships in Artificial Ant Colonies. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 500-12.
- [61] Zambetta F, Catucci G. Designing Not-So-Dull Virtual Dolls. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 513-8.
- [62] Nolan JJ, Sood AK, Simon R. SADISCO: A Scalable Agent Discovery and Composition Mechanism. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems -Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 519-28.
- [63] Gouarderes S, Gouarderes G, Delpy P. MAYBE Multi-Agent Yield-Based Engineering: Improve Training in the Emergency Room Chain. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 529-39.
- [64] Iba H, Tokui N, Wakaki H. 3D-CG Avatar Motion Design by means of Interactive Evolutionary Computation. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems -Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 540-9.
- [65] Marik V, Mashkov V. Alliance Formation with Several Coordinators. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 550-64.
- [66] Baeza-Yates R, Castillo C. Balancing Volume, Quality and Freshness in Web Crawling. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 565-72.
- [67] Angkawattanawit N, Rungsawang A. Learnable Topic-specific Web Crawler. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 573-82.
- [68] Rodríguez MA. A Spatial Dimension for Searching the World Wide Web. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 583-92.
- [69] Morales EK, Gutiérrez C. Building Yearbooks with RDF. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 593-601.
- [70] Jarur MC, Rodríguez MA. A non-Deterministic versus Deterministic Algorithm for Searching Spatial Configurations. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 602-11.

- [71] Marin M. Parallel Text Query Processing using Composite Inverted Lists. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 612-24.
- [72] Kumar VS. Human Reasoning In Soft Computing. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 625-33.
- [73] do Nascimento HAD, Eades P. A Focus and Constraint-Based Genetic Algorithm for Interactive Directed Graph Drawing. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 634-43.
- [74] Sanchis E, Castro MJ. Dialogue Act Connectionist Detection in a Spoken Dialogue System. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 644-51.
- [75] Sugimoto F, Yoneyama M. A Trial Method to Create a Natural Interaction in Interactive Genetic Algorithm. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems -Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 652-62.
- [76] Navarrete P, del solar JR. Eigenspace-based Face Recognition: A comparative study of different hybrid approaches. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 663-72.
- [77] Oufroukh NA, Colle E. Pattern Recognition with Ultrasonic Sensor using Classification Methods. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 673-80.
- [78] Vishwanthan SVN, Murty MN. Jigsawing: A Method to Create Virtual Examples in OCR data. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 690-6.
- [79] Haindl M, äimberová S. Model-Based Restoration of Short-Exposure Solar Images. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 697-706.
- [80] Brouwer RK. Using a Helper FFN to Represent the Cost Function for Training DRNN's by Gradient Descent. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 707-14.
- [81] Torres S, Pezoa J. Scene-Based Nonuniformity Correction Method Using the Inverse Covariance Form of the Kalman Filter. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 715-24.
- [82] Vera E, Reeves R, Torres S. Adaptive Bias Compensation for Non-Uniformity Correction on Infrared Focal Plane Array Detectors. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 725-34.

- [83] Youssif RS, Purdy CN. Combining Genetic Algorithms and Neural Networks to Build a Signal Pattern Classifier. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 735-44.
- [84] Murakami M, Yoneyama M, Shirai K. Accurate Human Face Extraction using Genetic Algorithm and Subspace Method. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 745-54.
- [85] Montiel O, Castillo O, Melin P, Sepulveda R. The Evolutionary Learning Rule for System Identification in Adaptive Finite Impulse Filters. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 755-64.
- [86] Köppen M, Garcia RV, Liu X, Nickolay B. 2D-Histogram Lookup for Low-contrast Fault Processing. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems -Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 765-74.
- [87] Nakamatsu K, Abe JM, Suzuki A. A Railway Interlocking Safety Verification System Based on Abductive Paraconsistent Logic Programming. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 775-84.
- [88] Kramer KD, Patzwahl S, Nacke T. Complete Algorithm to realize CI Model-based Control and Monitoring Strategies on Microcontroller Systems. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 785-95.
- [89] Castilho VC, Nicoletti MC, Debs MKE. Using Genetic Algorithms for Minimizing the Production Costs of Hollow Core Slabs. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 796-805.
- [90] Cuppens F, Autrel F, Miège A, Benferhat S. Recognizing Malicious Intention in an Intrusion Detection Process. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 806-17.
- [91] Cheng SS, Chen YH, Tseng CL, Fu HC, Pao HT. A Self-growing Probabilistic Decision-based Neural Network with Applications to Anchor/Speaker Identification. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 818-29.
- [92] Heinen FJ, Osório FS. HyCAR A Robust Hybrid Control Architecture for Autonomous Robots. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 830-42.
- [93] Wang X, Smith KA. Clustering Web User Interests Using Self Organising Maps. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 843-52.

- [94] Wang X, Abraham A, Smith KA. Web Traffic Mining Using a Concurrent Neuro-Fuzzy Approach. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 853-62.
- [95] Sunayama W, Yachida M. Panoramic View System for Extracting Key Sentences based on Viewpoints and an Application to a Search Engine. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 863-70.
- [96] Rumantir GW. Frequent Flyer Points Calculator: More Than Just a Table Lookup. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 871-80.
- [97] Sinka MP, Corne DW. Web and Multimedia Applications. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems - Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 881-90.
- [98] Walker RL. Simulating an Information Ecosystem within the WWW. In: Abraham A, Ruiz-del-Solar J, Köppen M, editors. Soft Computing Systems Design, Management and Applications. Frontiers in Artificial Intelligence and Applications Vol. 87. IOS Press Amsterdam, Berlin, Oxford, Tokyo, Washington D.C.; 2002. p. 891-900.