
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS

AUTHOR INDEX TO VOLUME 5

Aihara, K. See Ikeguchi, T., 33, and Yamada, T., 53

Al-Alawi, R.

Performance of a Digital Associative Memory Model for Pattern Recognition, 129

Alwan, M.

—; Cheung, P. Y. K.: Modelling and Handling Uncertainties in Mobile Robotics, 205

Arciszewski, T.

Engineering Semantic Evaluation of Decision Rules, 285

Balazinski, M.

—; Czogala, E.; Sadowski, T.: Application of Neural and Fuzzy Logic Controllers to Control Selected Mechanical Systems, 139

Byun, J. See Jang, W.-J., 155

Cao, S. G. See Feng, G., 219

Chen, G.

—; Ying, H.: BIBO Stability of Nonlinear Fuzzy PI Control Systems, 245

Chen, N. See Mo, J. P. T., 229

Cheung, K. F.

Fuzzy One-Mean Algorithm: Formulation, Convergence Analysis, and Applications, 323

Cheung, P. Y. K. See Alwan, M., 205

Choi, H.-I. See Jang, D.-S., 271

Chung, B.-M.

Control of Nonlinear Multivariable Systems Using Direct Fuzzy Learning Method, 297

Czogala, E. See Balazinski, M., 139

Ding, H.

—; Gupta, M. M.: Learning Fuzzy Set Neural Networks by Genetic Algorithms, 113

Feng, G.

—; Cao, S. G.; Rees, N. W.; Ma, J.: Quadratic Stabilization of Fuzzy Control Systems Using Output Feedback, 219

Fujimoto, Y. See Iokibe, T., 3

Gupta, M. M. See Ding, H., 113

Hambaba, M. L. See Jang, W.-J., 155

Hatono, I. See Marimin, 257

Hirakawa, K. See Uchino, E., 333

Ikeguchi, T.

—; Aihara, K.: Estimating Correlation Dimensions of Biological Time Series with a Reliable Method, 33

Ikuta, A.

—; Ohta, M.: A Stochastic Evaluation for an Acoustic Environmental System by Introducing Two Types of Information Processing Methods Based on Regression Models of an Expansion Series Type and Fuzzy Probability, 355

Iokibe, T.

—; Fujimoto, Y.; Kanke, M.; Suzuki, S.: Short-Term Prediction of Chaotic Time Series by Local Fuzzy Reconstruction Method, 3

Ishii, S.

Eliminating Spurious Memories in a Network of Chaotic Elements, 69

Jang, D.-S.

—; Choi, H.-I.: Fuzzy Inference System Based on Fuzzy Associative Memory, 271

Jang, W.-J.

—; Byun, J.; Hambaba, M. L.: An Intelligent Architecture for ATM Traffic Congestion Control, 155

- Kanke, M.** See Iokibe, T., 3
- Karayiannis, N. B.**
- Fuzzy Partition Entropies and Entropy Constrained Fuzzy Clustered Algorithms, 103
- Kasabov, N.**
- Learning Strategies for Modular Neuro-Fuzzy Systems: A Case Study on Phoneme-Based Speech Recognition, 345
- Katayama, R.** See Kuwata, K., 23
- Kim, J.-H.** See Myung, H., 85
- Klir, G. J.** See Pan, Y., 193
- Kuwata, K.**
- ; Watanabe, M.; Katayama, R.: Adaptive Equalizer Using Self-Generating Radial Basis Function Network, 23
- Lee, T. H.** See Nie, J., 313
- Ma, J.** See Feng, G., 219
- Marimin**
- ; Umano, M.; Hatono, I.; Tamura, H.: Non-Numeric Method for Pairwise Fuzzy Group-Decision Analysis, 257
- Mendel, J. M.** See Mouzouris, G. C., 367
- Mo, J. P. T.**
- ; Wang, H.; Chen, N.: Component Oriented Modelling and Design of Fuzzy Control Scheme for a Class of Pneumatic Actuators, 229
- Mouzouris, G. C.**
- ; Mendel, J. M.: A Singular-Value-QR Decomposition Based Method for Training Fuzzy Logic Systems in Uncertain Environments, 367
- Myung, H.**
- ; Kim, J.-H.: Time-Varying Two-Phase Optimization Neural Network, 85
- Nie, J.**
- ; Lee, T. H.: Reconstructing Binary Signals by Rule-Based Fuzzy Equalizer with Self-Organizing Capability, 313
- Ohta, M.** See Ikuta, A., 355
- Pan, Y.**
- ; Klir, G. J.: Bayesian Inference Based on Interval-Valued Prior Distributions and Likelihoods, 193
- Rees, N. W.** See Feng, G., 219
- Russo, F.**
- Fuzzy Processing of Image Data Using FIRE Filters, 361
- Sadowski, T.** See Balazinski, M., 139
- Suzuki, S.** See Iokibe, T., 3
- Tamura, H.** See Marimin, 257
- Theocharis, J.**
- ; Vachtsevanos, G.: Identification of Discrete-Time Dynamical Systems Via Recurrent Fuzzy Models, 167
- Uchino, E.**
- ; Yamakawa, T.; Hirakawa, K.: Effective Detection of Nucleus in Cytodiagnosis by Employing Combinatorial Fuzzy Hough Transform, 333
- Umano, M.** See Marimin, 257
- Vachtsevanos, G.** See Theocharis, J., 167
- Wang, H.** See Mo, J. P. T., 229
- Watanabe, M.** See Kuwata, K., 23
- Yamada, T.**
- ; Aihara, K.: Nonlinear Neurodynamics and Combinatorial Optimization in Chaotic Neural Networks, 53
- Yamakawa, T.** See Uchino, E., 333
- Ying, H.** See Chen, G., 245