

Content

Ahmad Kalhor, Babak N. Araabi and Caro Lucas. An Online Predictor Model as Adaptive Linear model and Evolving Takagi-Sugeno Model	1
Di Wang, Xiao-Jun Zeng and John Keane. A Structure Evolved Learning Method for Mamdani Fuzzy Systems	7
Elton Lima, Rosangela Ballini and Fernando Gomide. Dynamic Analysis of the Participatory Learning Algorithm	13
Gancho Vachkov. Incremental Classification of Images by Human Assisted Fuzzy Similarity Analysis	17
Jose de Jesus Rubio, Jaime Pacheco and Raul Rivera. Clustering to train an evolving radial basis function	23
Vitaliy Kolodyazhniy and Yevgeniy Bodyanskiy. Cascaded Multiresolution Spline-based Fuzzy Neural Network	26
Katharina Tschumitschew and Frank Klawonn. The Need for Benchmarks and Meta-Models in Evolving Systems	30
Rashmi Dutta Baruah and Plamen Angelov. Clustering as a Tool for Self-generation of Intelligent Systems: A Survey	34
Mario Gongora and David Irvine. Reactive-adaptive Methodology to encode Evolving Intelligent Agents in Serious Games	42
Borja Santos-Diez, Francisco Bellas, Andres Faina and Richard Duro. Lifelong Learning by Evolution in Robotics: Bridging the Gap from Theory to Reality	48
Jose Antonio Iglesias, Agapito Ledezma and Araceli Sanchis. An Evolving Framework for Clustering Computer Users	54
Clive Cheong Took and D. P. Mandic. New Developments in Statistical Signal Processing of Quaternion Random Variables with Applications in Wind Forecasting	58
Paul Morley and Jeff Johnson. Application of ANN-GA Hybrid to run a conveyor control system	63