

IJCS Special Issue on “Neural Network for Pattern Classification”

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SPECIAL ISSUE ON

NEURAL NETWORK FOR PATTERN CLASSIFICATION

Paper Submission Deadline: September 30, 2008

Alternative to the statistical and traditional classifiers, Neural Network (NN) classifiers are widely used in Pattern Recognition. Researchers have done a lot of work in pattern recognition applications using neural networks. Some of NNs used are Multilayer Perceptrons, Radial Basis Functions, Self-Organizing Maps, Probabilistic Neural Network, etc, with different algorithms like Bayesian learning, Back propagation, the Expectation Maximization (EM) algorithm for mixture modeling, Support Vector Machines (SVM), or Independent Component Analysis (ICA) for feature extraction .

This special issue of IJCS journal aims at inviting recent developments/ technologies in this area. Original contributions as per IJCS format for the forthcoming special issue on Neural Network for Pattern Classification are invited. Researches are encouraged to send the complete manuscript including abstract, keywords, title and author names, corresponding complete address including telephone and email address. The detail format for preparing the manuscript is obtainable from www.gip.hk/ijcs limited to a maximum of 20 pages including figures, tables, references, etc.

Some topics relevant to this special issue include, but are not limited to:

- Development in neural architectures for pattern recognition
- Neuro recognition systems
- Comparison between neural and statistical / traditional classifiers
- Unsupervised/ Supervised learning in feature extraction
- Applications including classification, clustering, data mining, internet /network data analysis, bioinformatics, speech recognition, character recognition, 2-D / 3-D object recognition, Mobile/Ad hoc Network analysis etc.

Please send the complete manuscript on or before September 30, 2008 to

Prof. P. K. Patra., *Guest Editor-in-Chief*
IJCS Special Issue on “Neural Network for Pattern Classification”
Professor & Head, Computer Science & Engineering Department.
College of Engineering & Technology, Bhubaneswar -751003, India
Email: hodcomputer@yahoo.co.in
Webpage: <http://www.cet.edu.in>
Tel: +91-674-2542962, +91-674-09437189863(Mobile)