
Journal of Intelligent Computing Volume 6 Number 1 March 2015

Contents

Editorial i

Research

Using ANN In Financial Markets Micro-structure Analysis -
Octavio J. Salcedo Parra, Brayan S. Reyes Daza 1

A Concept Recommender Service on The Federated Cloud of the PPP European Project -
Boris Moltchanov, Oscar Rodriguez Rocha 9

Sentiment Analysis of Twitter Data Using Sentiment Influencers-
Munazza Ishtiaq 17

User Future Request Prediction Using F.P Tree -
Rujuta Panvalkar, Namrata Valera, Ami Vashi, Khushali Deulkar 27

Book Review 37

Conference Notification 38

- Fourth International Conference on Future Generation Communication Technologies
(FGCT 2015)
- First International Conference on Data and Communication for Science, Technology and Society
(ICDCST 2015)
- Tenth International Conference on Digital Information Management
(ICDIM 2015)

Editorial

We with much appreciation release the first issue of the sixth volume of the Journal of Intelligent Computing.

A model of Neuronal Networks Artificial RNA for the prognosis of the rate of nominal change has been proposed in a paper on **“Using ANN In Financial Markets Micro-structure Analysis”** by the authors *Octavio J. Salcedo Parra*, and *Brayan S. Reyes Daza*. With an extensive discussion on the results they were able to generate methodological based derivations.

In the next paper on **“A Concept Recommender Service on The Federated Cloud of the PPP European Project”** the authors *Boris Moltchanov* and *Oscar Rodr'iguez Rocha* have critically analysed the web services issues. The proposed framework reduces service traffic, and so the costs, over Internet for international traveling customers, makes the service reaction faster as it balances the service traffic over mode nodes and makes significantly more robust overall service solution. The recommender service described in this paper is deployed over few nodes of the federated clouds build and interconnected.

In the paper on **“Sentiment Analysis of Twitter Data Using Sentiment Influencers”** the author *Munazza Ishtiaq* has used the unsupervised approach for sentiment analysis of twitter data using a rule based scoring engine. POS tagging in which the parts-of-speech are ranked according to their sentiment describing influence. The experimentation found that the appropriate ranking of POS provides good results than its normal usage.

In the last paper on **“User Future Request Prediction Using F.P Tree”**, the authors *Rujuta Parwalkar*, *Namrata Valera*, *Ami Vashi* and *Khushali Deulkar* using the predicting a user's request derives a pattern depending on a user's navigational footprints and actions in the web .The evolved pattern is then analyzed, which ultimately gives the tools to predict requests that the user is likely to make in the future.

There is a delay in releasing this issue. Hope to come back in time for the next issue.

Editors