

Contents

Editorial	i
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Research

Prediction of Moisture Content of Bergamot Fruit During Thin-Layer Drying Using Artificial Neural Networks- Mohammad Sharifi, Shahin Rafiee, Hojjat Ahmadi, Masoud Rezaee	1
Creation of an Ensemble: Diversity Production Based Approach- Hamid Parvin, Zahra Rezaei, Sajad Parvin	8
Stop Word Lists in Document Retrieval Using Latent Semantic Indexing: an Evaluation- A N K Zaman	17
CDEBMTE: Creation of Diverse Ensemble Based on Manipulation of Training Examples- Hamid Parvin, Sajad Parvin, Zahra Rezaei	27
A Combined Measure of Semantic Web and Meta tag technology for Web Retrieval- Sulaiman Al Rayee	37
Call for Chapter Proposals	44
Conference Notification	47

- The Fourth International Conference on the Networked Digital Technologies (NDT 2012)
- The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2012)
- Seventh International Conference on Digital Information Management (ICDIM 2012)

Editorial

The **Journal of E-Technology** in its third year of publication has planned to widen the coverage in the sense that newer applications of electronic and web technologies are the inclusions. We bring this first issue of the third volume with the following papers.

The first paper is the generation of a model in agricultural products using artificial neural networks. In the paper on **“Prediction of moisture content of bergamot fruit during thin-layer drying using artificial neural networks”**, *Mohammad Sharifi, Shahin Rafiee, Hojjat Ahmad and Masoud Rezaee* have introduced a model of a thin-layer drying of bergamot which has slices at varying temperature. For developing the ANN’s models, they used temperatures, air velocity and time as input vectors and moisture ratio as the output. Their results showed effective detection of moisture in thin layer products.

Heuristic based classifiers pave the way of creating diversity in ensemble pool. Runs and iterations in retrained classifiers can leverage the error-prone data. *Hamid Parvin, Zahra Rezaei and Sajad Parvin* in their paper on **“Creation of an Ensemble: Diversity Production Based Approach”** addressed the performance in base classifiers. Through empirical investigation the authors claim that the performance of the proposed algorithm outperforms some of the best methods available.

Zaman in his paper on **“Stop Word Lists in Document Retrieval Using Latent Semantic Indexing: an Evaluation”** has deployed stop words in in Latent Semantic Indexing (LSI)-based information retrieval (IR) systems with large text dataset. The study documents that using tailored stop word lists improves retrieval performance.

In a paper on **“CDEBMTE: Creation of Diverse Ensemble Based on Manipulation of Training Examples”** *Hamid Parvin, Sajad Parvin and Zahra Rezaei* postulate that the Ensemble methods like Bagging and Boosting which combine the decisions of multiple hypotheses are among the strongest existing machine learning methods. They have introduced a new method for generating ensembles, named CDEBMTE (Creation of Diverse Ensemble Based on Manipulation of Training Examples), that directly constructs diverse hypotheses using manipulation of training examples. They demonstrate that this approach consistently achieves higher predictive accuracy than both the base classifier training data size is becomes larger.

The volume of web content is addressed in many research papers; each look at the web database in different problem issues. In the paper on **“A Combined Measure of Semantic Web and Meta tag technology for Web Retrieval”**, *Sulaiman Al Rayee* has addressed the limitation of search engines’ information access. The current web is not complaint with semantic characteristics and do not employ metatag. This work has an inclusion of the above two. He tested his algorithm and produced effective results.

Hope you can find the content of the issue as significant in the E-Technology.

Editors