

International Journal of Machine Learning and Computing

CONTENTS

Volume 4, Number 5, October 2014

• Data Mining

- A Categorized Item Recommender System Coping with User Internet Changes.....399
Su Sande Ko Ko and Rachsuda Jiamthapthaksin
- Predicting Cooperation Relationships in Heterogeneous Movie Networks.....405
Wei-Chin Hung, Hung-Wei Lin, Yu-Chung Tsao, and Wei-Guang Teng
- A Personalized e-Learning System Based on EGL.....411
Jie Gao and Bo Song
- A Deep Analysis of the Precision Formula for Imbalanced Class Distribution.....417
Gabriel Kofi Armah, Guangchun Luo, and Ke Qin
- Efficient Searching Strategy for Secret Image Sharing with Meaningful Shadows.....423
Chin-Chen Chang, Ngoc-Tu Huynh, and Ting-Feng Chung
- A Framework Design of Mongolian Idioms Knowledge Base.....428
Hai Yinhua

• Fuzzy Control and Systems

- Symbiotic Particle Swarm Optimization for Neural Fuzzy Controllers.....433
Cheng-Hung Chen and Wen-Hsien Chen
- A Parallel Task scheduling Algorithm Based on Fuzzy Clustering in Cloud Computing Environment.....437
Qian Zhang, Hong Liang, and Yongshan Xing
- A New Analysis Technique of Hybrid Production Lines.....445
Jun Liu, Qinying Fan, and Junping Kong
- Analytic Hierarchy Process (AHP) in Spatial Modeling for Floodplain Risk Assessment.....450
Generino P. Siddayao, Sony E. Valdez, and Proceso L. Fernandez
- A Hybrid Risk Evaluation Model for Automotive Production.....458
Mehmet Turgut and Alp Ustundag
- Performance Analysis of Non-Homogeneous Hybrid Production Lines.....463
Jun Liu, Junping Kong, and Qinying Fan

• Bioinformatics

- Determination of the SNP-SNP Interaction between Breast Cancer Related Genes to Analyze the Disease Susceptibility.....468

• **Network Communications**

Cluster Based Hierarchical Routing Protocol for WSN with EnergyEfficiency.....474

L. Malathi and R. K. Gnanamurthy