

# International Journal of Machine Learning and Computing

## CONTENTS

---

---

### Volume 2, Number 6, December 2012

Watermarking of Grayscale Images in DCT Domain Using Least-Squares Support Vector Regression.....	725
<i>Vikash Chaudhary, Anurag Mishra, Rajesh Mehta, Monika Verma, Ram Pal Singh, and Navin Rajpal</i>	
Convergence of LBS and AI.....	729
<i>Sandeep Kumar, Mohammed Abdul Qadeer, and Sumit Kumar Singh</i>	
Personalized Privacy Preserving Publication of Transactional Datasets Using Concept Learning....	733
<i>S. Ram Prasad Reddy, Kvsvn Raju, and V. Valli Kumari</i>	
Introduction to Intuitionistic L-Fuzzy Semi Filter (ILFSF) of Lattices.....	738
<i>A. Maheswari and M. Palanivelrajan</i>	
A Comparative Study of Improved F-Score with Support Vector Machine and RBF Network for Breast Cancer Classification.....	741
<i>P. Jaganathan, N. Rajkumar, and R. Kuppuchamy</i>	
Hybrid BSCF Genetic Algorithms in the Optimization of a PIFA Antenna.....	746
<i>Mohammad Riyad Ameerudden and Harry C. S. Rughooputh</i>	
Sign Language Recognition Using Motion History Volume and Hybrid Neural Networks.....	750
<i>Ho-Joon Kim, So-Jeong Park, and Seung-Kang Lee</i>	
Computing the Potential Profit of a Sales Item from Cross-Selling Relationships.....	754
<i>Tatsuya Mori, Katsutoshi Kanamori, and Hayato Ohwada</i>	
EEG Signals Classification by Using an Ensemble TPUnt Neural Networks for the Diagnosis of Epilepsy.....	758
<i>Hiroki Yoshimura, Tadaaki Shimizu, Maiya Hori, Yoshio Iwai, and Satoru Kishida</i>	
Object and Scene Recognition Based on Learning Probabilistic Latent Component Tree with Boosted Features.....	762
<i>Masayasu Atsumi</i>	
A Ranking Algorithm of Non-Regular Trees in Gray-Code Order.....	767
<i>Ro-Yu Wu, Jou-Ming Chang, and An-Hang Chen</i>	
A Route Search System in Consideration of the Reservation Service in Amusement Parks for Smart Phone.....	771
<i>Takahirio Shibuya, Katsutoshi Kanamori, and Hayato Ohwada</i>	

Creating Layout System in Prototype Less Production System.....	776
<i>Yoshihiro Yamashita, Katutoshi Kanamori, and Hayato Ohwada</i>	
Genetic Algorithm Based Split-Fusion Clustering.....	782
<i>Barry Juans and Sheng-Uei Guan</i>	
Learning of Neural Network with Reduced Interference – An Ensemble Approach.....	786
<i>Meihua Li, Sheng-Uei Guan, Linfan Zhao, and Weifan Li</i>	
Classification of Protein 3D Structures Using Artificial Neural Network.....	791
<i>Hui Li, Chunmei Liu, Legand Burge, and William Southerland</i>	
Predicting Protein-Protein Interactions Based on PPI Networks.....	794
<i>Hui Li, Chunmei Liu, and Legand Burge</i>	
Prediction of Protein-Protein Docking Sites Based on a Cloud-Computing Pipeline.....	798
<i>Hui Li, Jean-Claude Tounkara, and Chunmei Liu</i>	
Recursive Learning of Genetic Algorithm Featuring Incremental Attribute Learning for Higher Dimensional Classification Problems.....	802
<i>Haofan Zhang, Sheng-Uei Guan, and Mengjun Xu</i>	
Correlation-based Feature Ordering for Classification based on Neural Incremental Attribute Learning.....	807
<i>Ting Wang, Sheng-Uei Guan, and Fei Liu</i>	
Genetic Algorithm for Solving Multilayer Survivable Optical Network Design Problem.....	812
<i>Huynh Thi Thanh Binh, and Ha Dinh Ly</i>	
Chronological Comparison on Productivity for the Assessment of the Department of Health -Affiliated Hospitals in Taiwan – Application of Malmquist Productivity Index.....	817
<i>Ching-Kuo Wei</i>	
The Research of Method Situation Assessment in Robot-Soccer Games Based on Conditional Event Algebra.....	822
<i>S. G. Zhu, P. Li, and L. J. Zhan</i>	
Artificial Neural Network (ANN) Approach for Predicting Friction Coefficient of Roller Burnishing AL6061.....	825
<i>S. H. Tang, N. Hakim, W. Khaksar, S. Sulaiman, M. K. A. Ariffin, and R. Samin</i>	
Imitation Control in Biped Robot by Using Controller to Operator.....	831
<i>J. H. Lee, Y. F. Cui, S. G. Shon, and H. J. Byun</i>	
Intelligent Web Based Task Completion Using Pattern Recognition Techniques.....	835
<i>Chetan Bansal and Adwait Gandhe</i>	
Integrated PSO and DE for Data Clustering.....	839
<i>Suresh Satapathy, Divya Maheshwari, Sai Hanuman A, Vinaya Babu A, P. K. Patra, and B. N. Biswal</i>	
Performance Assessment of Neural Network and K-Nearest Neighbour Classification with Random Subwindows.....	844
<i>M. Seetha, K. V. N. Sunitha, and G. Malini Devi</i>	

Suitability of Shape and Texture Features in Retrieval of Medicinal Plants' Images in Indian Context.....	848
<i>Basavaraj S. Anami, Suvarna S. Nandyal, and A. Govardhan</i>	
Effective and Secure Scheme for Video Streaming Using SRTP.....	855
<i>P. Iyyanar, M. Chitra, and P. Sabarinath</i>	
Factor Analysis Using Two Stages Neural Network Architecture.....	860
<i>Sandeep Kumar, Deepak Kumar, and Rashid Ali</i>	
Self-Organizing Adaptive Network-Based Fuzzy Intelligent Controller (SOANFIC).....	864
<i>H. R. Saghir and S. B. Shouraki</i>	
ANN and SVM Based War Scene Classification Using Invariant Moments and GLCM Features: A Comparative Study.....	869
<i>S. Daniel Madan Raja and A. Shanmugam</i>	
Improving Customer Relationship Management Using Data Mining.....	874
<i>Gaurav Gupta and Himanshu Aggarwal</i>	
Evaluation of Knowledge Management Maturity.....	878
<i>Hossein Amoozad Khalili, Anahita Maleki, Azita Sherej Sharifi, Mohamad Hasan Salmani, and Somaye Rahnama Farshami</i>	
Application of Neural Network on Flight Control.....	882
<i>Mohammad Reza Khosravani</i>	

