

List of Contents

Volume 16, Number 1, April 2011

Special Issue on BIOMETRICS AND ITS APPLICATIONS

Special Issue on New Development of SOFT Science in BMFSA2009-AMAMI

| | |
|--|---------|
| Preface: Hajime YAMASHITA | 1 |
| The Past, Present and Future of Research on Fuzzy Theory, Soft Computing and Related Areas at Architectural Institute of Japan - Including Some Examples from Shingu Lab., Nihon University - Kiyoshi SHINGU | 3 - 8 |
| Nursing Science and Soft Sciences Masahiro NAKANO | 9 - 14 |
| Taylor Series on the Fuzzy Number Space Jiro Inaida | 15 - 25 |
| The genes exchange probabilities in inversion of GA Yoshinori UEDA, Yoshitsugu NOTO, Mitsuhiro NAMEKAWA and Hajime YAMASHITA | 27 -33 |
| Decision Method to Obtain the Optimal Number of Clusters in Hierarchical Fuzzy Cluster Analysis Kimiaki SHINKAI | 35 - 50 |
| Educational Evaluation Applying Approximate Reasoning Hsunhsun CHUNG, Takenobu TAKIZAWA | 51 - 56 |
| Opinion Survey Applying Fuzzy Theory Ei TSUDA, Hajime YAMASHITA and Kenichi NAGASHIMA | 57 - 62 |
| Fuzzy Node Fuzzy Graph Analysis Applying T-norm Hiroaki UESU and Shuya KANAGAWA | 63 - 68 |
| Phase Error Reflects Subjective Sound Quality Hideki YOSHIDA, Masahiro NAKANO, Toru YUKIMASA, Syohei MATSUMURA, Kazuya YOKONO and Yuui HAYAMA | 69 - 80 |
| Fractal Analysis of Brain CT Image in Senile Dementia of Alzheimer Type Toru Yukimasa | 81 - 86 |
| The Power of Imagination & Context: Unlocking Japanese Students' Hidden Language Learning Potential W. Scott GORDON | 87 -92 |
| Regular Papers | 93 |
| Application of Neuro-Fuzzy Model for MR Brain Tumor Image Classification D. Jude Hemanth, C.Kezi Selva Vijila and J.Anitha | 95-102 |
| Evolution of Cooperative Ensemble Neural Network Controller for Autonomous Mobile Robots Mineki Okura, Md. Shahjahan and Kazuyuki Murase | 103-119 |
| An Analysis of the Effect of EEG Frequency Bands on the Classification of Motor Imagery Signals C.R. Hema, M.P. Paulraj, S. Yaacob, A.H. Adom and R. Nagarajan | 121-126 |
| A Robust Face Tracking Method Employing Color-based Particle Filter Y. NISHINA, Md. Atiqur Rahman AHAD, J. K. TAN, H. KIM, S.ISHIKAWA | 127-134 |
| Analysis of Photo-Plethysmography (PPG) Signals with Motion Artifacts (Gaussian Noise) Using Wavelet Transforms R.Sukanesh, R.Harikumar | 135-139 |
| Knowledge Collection System for Project Management Shinji Mochida and Torao YANARU | 141-146 |
| INFORMATION FOR AUTHORS | 147 |
| Page format | 148-149 |