

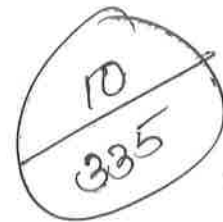
JOURNAL OF CYBERNETICS AND SYSTEMS

VOLUME 11

NUMBER 2

DECEMBER 2018

Contents



- A Study on the Effect of Transmission Power Adaptation of QOS/QOE Mechanisms in Heterogeneous Wireless Networks 91-99
A. Haja Alaudeen, E. Kirubakaran and D. Jeya Mala
- Model Predictive Control design for a Non Linear Multivariable System with a Transmission Zero 101-111
D. Angeline Vijula and N. Devarajan
- Design and Analysis of Interval System using Order Reduction Technique 113-126
V. G. Pratheep, K. Venkatachalam and K. Ramesh
- Dynamic Task Scheduling in Highly Communicative Task Graph by Critical Path Selection and Partial Task Replication 127-136
T. Sajuraj and K. Muneeswaran
- Enhanced Image Texture Feature Extraction Method Using Local Tetra Patterns for Plant Leaf Classification System 137-147
B. Vijayalakshmi and V. Mohan
- Firefly Algorithm Based Optimal PI Controller for a Monopolar HVDC Transmission System Feeding a Weak AC Network with Hybrid Reactive Power Compensators 149-161
S. Seenivasan and S. Singaravelu
- Priority Queue Based Path Selection Using Pqmr Protocol in Manet 163-171
J. Kavitha and S. Palaniammal
- Representation of Functions by Sigmoid Function Continuous Mappings Using Multilayer Feedforward Neural Networks 173-182
R. Murugadoss and M. Ramakrishnan
- State Estimation Using Kalman Filtering Approach Case Study: Nonlinear Process Control Reactor – CSTR 183-192
M. Shyamalagowri and R. Rajeswari
- System Identification Using Predictive Controller Case Study: Continuous Stirred Tank Reactor 193-201
M. Shyamalagowri and R. Rajeswari