

Table of Contents

Volume 10 Number 3

March 2019

**Low Voltage Daily Energy Demand Temperature Dependent Representation
by Using Circular Statistics**

P. Julián, S. Carlos, P. Miguel, H. Martín, R. R. Cristian.....61

Steady-State Analysis of SECIR Rumor Spreading Model in Complex Networks

Y. J. Liu, C. M. Zeng, Y. Q. Luo.....75

Fuzzy Logic Deadzone Compensation with Feedback Linearization of Nonlinear Systems

J. O. Jang.....87

The Powers Sums, Bernoulli Numbers, Bernoulli Polynomials Rethinked

D. T. Si.....100

On Rijndael ByteSub Transformation

W. E. Ahmed.....113

**One-Dimensional Explicit Tolesa Numerical Scheme for Solving First Order
Hyperbolic Equations and Its Application to Macroscopic Traffic Flow Model**

T. Hundesa, L. Lemecha, P. R. Koya.....119

**Application of Iterative Approaches in Modeling the Efficiency
of ARIMA-GARCH Processes in the Presence of Outliers**

E. A. Akpan, K. E. Lasisi, A. Adamu, H. B. Rann.....138

A Class of Nonautonomous Schistosomiasis Transmission Model with Incubation Period

Y. Liu, Y. Y. He, S. X. Yan, S. J. Gao.....159