

TABLE OF CONTENTS

Volume 5 Number 5A

May 2013

An Application of Sinc Sum Function in Hilbert Transformer

- Y. L. Wang.....1

The Optimal Inventory Policy of Production Management

- S.-M. Su, S.-D. Lin.....9

On Point-Based Haptic Rendering

- S. Wen, S. Payandeh.....14

A New Algorithm for Computing the Determinant and the Inverse of a Pentadiagonal Toeplitz Matrix

- Y. H. Chen.....25

Pitfalls and Remedies in DEA Applications: How to Handle an Occurrence of Zero in Multipliers by Strong Complementary Slackness Conditions

- T. Sueyoshi, M. Goto.....29

On Some I -Convergent Double Sequence Spaces Defined by a Modulus Function

- V. A. Khan, N. Khan.....35

Fuzzy Set Based Models and Methods of Decision Making and Power Engineering Problems

- P. Ya. Ekel, I. V. Kokshenev, R. O. Parreiras, G. B. Alves, P. M. N. Souza.....41

I -Pre-Cauchy Double Sequences and Orlicz Functions

- V. A. Khan, N. Khan, A. Esi, S. Tabassum.....52

Higher-Order WHEP Solutions of Quadratic Nonlinear Stochastic Oscillatory Equation

- M. A. El-Beltagy, A. S. Al-Johani.....57

Adaptive Filter for High Dimensional Inverse Engineering Problems: From Theory to Practical Implementation

- H. S. Hoang, R. Barailles.....70

The figure on the front cover is from the article published in Engineering, 2013, Vol. 5, No. 5A, pp. 14-24 by Shi Wen and Shahram Payandeh.