

## Table of Contents

Volume 2 Number 8

July 2014

### Applied Mathematical Theory for Monetary-Fiscal Interaction in a Supranational Monetary Union

- B. Herzog..... 737

### Proximity Effect in Normal-Superconductor Hybrids at the Nanoscale

- H. Soller..... 745

### Growth Stratification Applied to Prognosis of Diametric Structure in Araucaria Forest

- S. P. Netto, Â. A. Ebling, E. J. G. de Araújo..... 753

### Taylor's Power Law for Ecological Communities—An Explanation on Nonextensive/Nonlinear Statistical Grounds

- J. D. T. Arruda-Neto, H. Righi, M. A. G. Cascino, G. C. Genofre, J. Mesa..... 762

### Inversion of Meg Data for a 2-D Current Distribution

- G. Dassios, K. Satrazemi..... 771

### Uniform Exponential Attractors for Non-Autonomous Strongly Damped Wave Equations

- H. Y. Li..... 783

### A Mixed Convection Boundary Layer Flow over a Vertical Wall in a Porous Medium, with Exponentially Varying Fluid Viscosity

- E. Mureithi..... 795

### From Modified Newtonian Gravity to Dark Energy via Quantum Entanglement

- M. S. El Naschie..... 803

### The Solitary Waves Solutions of the Internal Wave Benjamin-Ono Equation

- X. H. Meng..... 807

### Some Properties of CR-Submanifolds of a Nearly Trans-Sasakian Manifold with a Semi Symmetric Non-Metric Connection

- L. S. Das, M. Ahmad, A. Haseeb..... 813

### Simplified Homogeneous Balance Method and Its Applications to the Whitham-Broer-Kaup Model Equations

- M. L. Wang, X. Z. Li..... 823

### Curvature Motion on Dual Hyperbolic Unit Sphere $\mathbb{H}_0^2$

- Z. Yapar, Y. Sağiroğlu..... 828