INTERNATIONAL JOURNAL OF BIOMATHEMATICS

Vol. 7, No. 1 (January 2014)

CONTENTS

Desynchronization of Two Coupled Limit-Cycle Oscillators Using an Astrocyte-Inspired Controller G. Montaseri and M. J. Yazdanpanah	1450001
The Dynamical Behavior on the Carrying Simplex of a Three-Dimensional Competitive System: II. Hyperbolic Structure Saturation J. Jiang and L. Niu	1450002
Existence of Multiple Periodic Solutions to Lotka–Volterra Network-Like Food-Chain System with Delays and Impulses on Time Scales K. Zhao, L. Ding and F. Yang	1450003
Heat and Mass Transfer Effects on Carreau Fluid Model for Blood Flow Through a Tapered Artery with a Stenosis $N.\ S.\ Akbar$	1450004
Bioconvection in a Non-Darcy Porous Medium Saturated with a Nanofluid and Oxytactic Micro-Organisms S. Shaw, P. K. Kameswaran, M. Narayana and P. Sibanda	1450005
Hepatitis C Virus and Intravenous Drug Misuse: A Modeling Approach S. Mushayabasa and C. P. Bhunu	1450006
Hopf Bifurcation Analysis for a Delayed Leslie–Gower Predator–Prey System with Diffusion Effects LL. Wang, BB. Zhou and YH. Fan	1450007
Modeling the Role of Dissolved Oxygen-Dependent Bacteria on Biodegradation of Organic Pollutants J. B. Shukla, A. Goyal, P. K. Tiwari and A. K. Misra	1450008

(Continued)

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MCI (P) 080/06/2013

CONTENTS — (Continued)

Synchronization in a Ring of Unidirectionally Coupled
Fitzhugh–Nagumo Neurons
A. Bhattacharjee, M. K. Das and S. Ghosh

1450009

A Hydromagnetic Mathematical Model for Blood Flow of Carreau Fluid

1450010

N. Saleem, T. Hayat and A. Alsaedi

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- [2] C. Gundlach, C 2 (1999), 4. [Or lrr-1999-4.
- [3] F. John, *Partic* (Springer Verla
- [4] E. H. Lieb and Schrödinger Ha Mathematical I New York, 197
- [5] A. Olver, Symp

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