

CONTENTS

A Simple Discrete-Time Analogue Preserving the Global Stability of a Continuous SIRS Epidemic Model <i>Y. Enatsu and Y. Muroya</i>	1350001
Maximum Population Sizes in Host-Parasitoid Models <i>A. Gómez-Corral and M. López García</i>	1350002
Predicting Subchloroplast Locations of Proteins Based on the General Form of Chou's Pseudo Amino Acid Composition: Approached from Optimal Tripeptide Composition <i>H. Lin, C. Ding, L.-F. Yuan, W. Chen, H. Ding, Z.-Q. Li, F.-B. Guo, J. Huang and N.-N. Rao</i>	1350003
How Self-Proliferation of CD4 ⁺ T Cells Affect the HIV Dynamics in an In-Host Target-Cell Limited HIV Model with Saturation Infection Rate: A Quasi-Steady-State Approximation Analysis <i>N. Bairagi and D. Adak</i>	1350004
Role of Harvesting in Controlling Chaotic Dynamics in the Predator-Prey Model with Disease in the Predator <i>K. P. Das and S. Chaudhuri</i>	1350005
A Model for Control of HIV/AIDS with Parental Care <i>G. J. Abiodun, N. Marcus, K. O. Okosun and P. J. Witbooi</i>	1350006
Discrete-Time Epidemic Dynamics with Awareness in Random Networks <i>Y. Shang</i>	1350007
Studying the Identifiability of Epidemiological Models Using MCMC <i>A. Solonen, H. Haario, J. M. Tchuente and H. Rwezaura</i>	1350008

(Continued)

Covered in Science Citation Index Expanded (also known as SciSearch®), Journal Citation Reports/Science Edition, Biological Abstracts, BIOSIS Previews

CONTENTS — (Continued)

- A Mathematical Approach to Desynchronization of Coupled
Oscillators: Application to a Neuronal Ensemble 1350009
G. Montaseri, A. Adhami-Mirhosseini and M. J. Yazdanpanah
- The Existence and Asymptotic Behavior of Periodic Solutions
to a Quasilinear Parabolic System 1350010
W.-Z. Gan

International Journal of E
Vol. 6, No. 2 (2013) 13500
© World Scientific Publis
DOI: 10.1142/S179352451

A SIMPLE D THE GL

Gradu

D
3-4

In this paper, we con
SIRS epidemic mode
two solutions for inf
an additional positiv
Euler discretization
asymptotic stability

Keywords: SIRS epid

Mathematics Subject

1. Introduction

In order to investigate
tion, Mena-Lorca and
Infected-Recovered-Su
been considered to be
ble individuals become
infection and then su
Later, various kinds o
work have been carri