

CONTENTS

Impact of Culling Stray Dogs and Vaccination on the Control of Human Rabies: A Mathematical Modeling Approach <i>C. P. Bhunu</i>	379
Periodicity and Stability in Recurrent Cellular Neural Networks with Impulsive Effects <i>H. Gu, H. Jiang and Z. Teng</i>	399
Solitons in Alpha-Helix Proteins by He's Variational Principle <i>A. Biswas, D. Milovic and D. Milic</i>	423
Cross-Diffusion Induced Instability in Lvlev-Tanner Model <i>W. Gan, P. Zhu and J. Bao</i>	431
A Mechanistic Individual-Based Two-Host Interaction Model for the Transmission of a Parasitic Disease <i>D. Heinzmann, A. D. Barbour and P. R. Torgerson</i>	443
A Diffusive SEIR Epidemic Model with Distributed and Infinite Delay <i>Q.-L. Tang and M.-Y. Wu</i>	461
Mixed Vaccination Strategy in SIRS Epidemic Model with Seasonal Variability on Infection <i>S. Gao, H. Ouyang and J. J. Nieto</i>	473
Threshold Dynamics in a Periodic SVEIR Epidemic Model <i>J. Wang, S. Liu and Y. Takeuchi</i>	493
Author Index	511