

INTERNATIONAL JOURNAL OF BIOMATHEMATICS

Vol. 3, No. 2 (June 2010)

CONTENTS

On Dynamics of ℓ -Volterra Quadratic Stochastic Operators <i>U. A. Rozikov and A. Zada</i>	143
Existence of Global Solutions for a Prey-Predator Model with Cross-Diffusion <i>S. Xu and W. Lv</i>	161
Statistical Measures as Measures of Diversity <i>O. Parkash and A. K. Thukral</i>	173
A Single Species Population in a Polluted Environment <i>A. K. Pal and G. P. Samanta</i>	187
Global Analysis of a Harvested Predator-Prey Model Incorporating a Constant Prey Refuge <i>L. Chen and F. Chen</i>	205
Diffusive Instability and Traveling Waves in a Mangrove Ecosystem Food-Chain Model with Delayed Detritus Recycling <i>B. Mukhopadhyay, A. Bera and R. Bhattacharyya</i>	225
Stability Analysis of a Ratio-Dependent Chemostat Model with Time Delay and Variable Yield <i>Z. Li and R. Xu</i>	243
Peristaltic Flow of a Compressible Non-Newtonian Maxwellian Fluid Through Porous Medium in a Tube <i>I. M. Eldesoky and A. A. Mousa</i>	255