

ANNALS OF APPLIED MATHEMATICS

Vol. 35 No. 1

Contents

- Some Mathematical Models and Mathematical Analysis about Rayleigh-Taylor
Instability Boling Guo, Binqiang Xie (1)
- Coupled Nonlocal Nonlinear Schrödinger Equation and N -soliton Solution Formula
with Darboux Transformation Rui Fan, Fajun Yu (47)
- Permanence of A Discrete Logistic Equation with Pure Time Delays
..... Yangyang Lü, Lijuan Chen, Liujuan Chen (63)
- The Stability of A Reaction-diffusion Lotka-Volterra Competitive System with
Nonlocal Delays and Feedback Controls Zhong Li, Zhenliang Zhu (71)
- Study of the Stability Behaviour and the Boundedness of Solutions to A Certain
Third-order Differential Equation with A Retarded Argument
..... A.M. Mahmoud, D.A.M. Bakhit (99)