

# JOURNAL OF DYNAMICAL SYSTEMS AND GEOMETRIC THEORIES

VOLUME 2, NOVEMBER 2004

## CONTENTS

- 1 Eqab M. Rabei, Khaled I. Nawafleh and Humam B. Ghassib: The Motion of a Spinning Particle in an External Electromagnetic Field as a Constrained System
- 7 Xinhua Ji and Wolfgang Spröbig: Global Stability for the  $n$ -Species Lotka-Volterra Tree Systems of Interacting Population-Diffusion Equations
- 17 M. Yu Rasulova and A. H. Siddiqi: Relationship Between the Solution of BBGKY-Hierarchy of Kinetic Equations and the Particle Solution of Vlasov Equation
- 23 Vu Dong Tô: A Note on Devaney's Definition of Chaos
- 27 Amelia Bucur: The fine spectre of some Cesàro generalized operators defined on  $\ell^p$  ( $p > 1$ )
- 35 Pavel G. Todorov: On the Radius of Convexity of Functions whose Derivative Has a Positive Real Part
- 43 Terence Gaffney and Ranjit Vohra: A Numerical Characterization of Equisingularity for Map Germs from  $n$ -Space, ( $n \geq 3$ ), To the Plane
- 57 B. S. Attili: Numerical Computation of Cusp Singularities for Operator Equations
- 65 Jay Kappraff and Gary W. Adamson: Polygons and Chaos
- 81 Paul Feit: A Fundamental Group for Dynamical Systems II:  $Z_p$
- 91 Paul Feit: A Fundamental Group for Dynamical Systems III: Simple Compactifications