



JOURNAL OF DIFFERENTIAL EQUATIONS

Editors-in-Chief

Alberto Bressan
Shui-Nee Chow
John Mallet-Paret
W.-M. Ni

Founding Editors

Jack K. Hale
J. P. LaSalle

Editorial Board

Henri Berestycki	Denis Serre
Alexandre Carvalho	Walter Strauss
Courtney Coleman	Roger Temam
Adrian Constantin	C. Eugene Wayne
Eduard Feireisl	Juncheng Wei
Avner Friedman	Sijue Wu
Yuan Lou	Yingfei Yi
Kening Lu	Chongchun Zeng
Robert McCann	Enrique Zuazua
Konstantin Mischaikow	



CONTENTS

Laura Abatangelo, Veronica Felli, and Susanna Terracini. Singularity of eigenfunctions at the junction of shrinking tubes, Part II 3301

Sheng-Chen Fu and Je-Chiang Tsai. The evolution of traveling waves in a simple isothermal chemical system modeling quadratic autocatalysis with strong decay 3335

Mingxin Wang. On some free boundary problems of the prey–predator model... 3365

Adimurthi, Shyam Sundar Ghoshal, and G.D. Veerappa Gowda. L^p stability for entropy solutions of scalar conservation laws with strict convex flux 3395

Jann-Long Chern and Sze-Guang Yang. The non-topological fluxes of a two-particle system in the Chern–Simons theory 3417

Qi-Hong Shi, Wan-Tong Li, and Shu Wang. Kato-type estimates for NLS equation in a scalar field and unique solvability of NKGS system in energy space 3440

Yuxia Guo, Bo Li, and Juncheng Wei. Entire nonradial solutions for non-cooperative coupled elliptic system with critical exponents in \mathbb{R}^3 3463

Abstracted/Indexed in Mathematical Reviews, Science Citation Index Thomson Scientific, Compumath Citation Index, Zentralblatt MATH, Current Contents: (PC & ES). Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.

For a full and complete Guide for Authors please visit <http://www.elsevier.com/locate/yjdeq>

The Journal of Differential Equations has no page charges.

