

FM  
J80/d



Volume 257 Issue 1 July 1, 2014

ISSN 0022-0396

# 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  
Alexandre Carvalho  
Courtney Coleman  
Adrian Constantin  
Eduard Feireisl  
Avner Friedman  
Yuan Lou  
Kening Lu  
Robert McCann  
Konstantin Mischaikow

Denis Serre  
Walter Strauss  
Roger Temam  
C. Eugene Wayne  
Juncheng Wei  
Sijue Wu  
Yingfei Yi  
Chongchun Zeng  
Enrique Zuazua



CONTENTS

**Thomas C. Sideris.** Spreading of the free boundary of an ideal fluid in a vacuum . . . . . 1

**Lorenzo Giacomelli, Manuel V. Gnann, Hans Knüpfer, and Felix Otto.** Well-posedness for the Navier-slip thin-film equation in the case of complete wetting 15

**Durga KC, Dipendra Regmi, Lizheng Tao, and Jiahong Wu.** Generalized 2D Euler–Boussinesq equations with a singular velocity . . . . . 82

**Chao-Nien Chen and Kazunaga Tanaka.** A variational approach for standing waves of FitzHugh–Nagumo type systems . . . . . 109

**Chengxia Lei, Zhigui Lin, and Qunying Zhang.** The spreading front of invasive species in favorable habitat or unfavorable habitat . . . . . 145

**Josiney A. Souza.** Global attractors in fiber bundles and right invariant systems . . . . . 167

**Heinrich Freistühler, Peter Szmolyan, and Johannes Wächter.** Spectral stability of shock waves associated with not genuinely nonlinear modes . . . . . 185

**Wei Long and Shuangjie Peng.** Segregated vector solutions for a class of Bose–Einstein systems . . . . . 207

**Sandro Zagatti.** Maximal generalized solution of eikonal equation . . . . . 231

**I. Kmit and L. Recke.** Hopf bifurcation for semilinear dissipative hyperbolic systems . . 264

**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/jydeq>

**The Journal of Differential Equations has no page charges.**

