

180/d



Volume 255 Issue 6 September 15, 2013 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

- Yongzhong Sun and Zhifei Zhang.** Global regularity for the initial-boundary value problem of the 2-D Boussinesq system with variable viscosity and thermal diffusivity 1069
- Jan Bouwe van den Berg, Sarah Day, and Robert Vandervorst.** Braided connecting orbits in parabolic equations via computational homology 1086
- Jae Ryong Kweon.** For the parabolic Lamé system on polygonal domains: The transport equation 1109
- Jan Březina and Yoshiyuki Kagei.** Spectral properties of the linearized compressible Navier-Stokes equation around time-periodic parallel flow 1132
- Qinghua Xiao, Linjie Xiong, and Huijiang Zhao.** The Vlasov–Poisson–Boltzmann system with angular cutoff for soft potentials 1196
- Yong-Fu Yang, Changsheng Dou, and Qiangchang Ju.** Weak-strong uniqueness property for the compressible flow of liquid crystals 1233
- Monica Conti, Vittorino Pata, and Roger Temam.** Attractors for processes on time-dependent spaces. Applications to wave equations 1254
- Ya-Guang Wang and Fang Yu.** Stability of contact discontinuities in three-dimensional compressible steady flows 1278
- G. Bal and M. Courdurier.** Boundary control of elliptic solutions to enforce local constraints 1357

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

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

The Journal of Differential Equations has no page charges.

