Nonlinear Differential Equations and Applications NoDEA
Managing editor: N. Fusco

► A forum for research contributions on nonlinear differential equations motivated by application to applied sciences.
► Features application-oriented articles with strong mathematical content in scientific areas such as classical, statistical and quantum mechanics, fluid dynamics, electromagnetism, chemical kinetics, combustion theory, population dynamics, economics and finance.

Nonlinear Differential Equations and Applications (NoDEA) provides a forum for research contributions on nonlinear differential equations motivated by application to applied sciences.

The research areas of interest for NoDEA include, but are not limited to:

- deterministic and stochastic ordinary and partial differential equations,
- finite and infinite-dimensional dynamical systems,
- qualitative analysis of solutions,
- variational, topological and viscosity methods,
- mathematical control theory,
- complex dynamics and pattern formation,
- approximation and numerical aspects.

The journal also welcomes application-oriented articles with strong mathematical content in scientific areas such as classical, statistical and quantum mechanics, fluid dynamics, electromagnetism, chemical kinetics, combustion theory, population dynamics, economics and finance.

Bibliographic Data


Impact Factor: 0.873 (2016), Journal Citation Reports®

On the homepage of Nonlinear Differential Equations and Applications NoDEA at springer.com you can

► Sign up for our Table of Contents Alerts
► Get to know the complete Editorial Board
► Find submission information