

Special Issue on Nonlinear Functional Difference Equations with Applications

Call for Papers

Nonlinear functional analysis plays an important role in the study of nonlinear boundary value problems and complex systems arising from many real-world applications. It is concerned with the well-posedness of the mathematical models, the construction of approximate solutions, and the quality of the approximate solutions. Hence, it is important to develop novel nonlinear functional analysis theories and methods and to apply the theories and methods to tackle complex real-world problems.

We invite researchers to submit original research articles as well as review articles on various aspects of nonlinear functional analysis and their applications to science, technology, and engineering. Potential topics include, but are not limited to:

- Discrete dynamics differential equations
- Nonlinear singular boundary value problem
- Nonlinear functional differential equations on time scales
- Impulsive differential and integral equations
- Fractional order differential equations
- Numerical analysis for nonlinear differential equations
- Fixed-point theory
- Topological method
- Partial ordering method
- Variational approach
- Analysis and control
- Applications in science, technology, and engineering
- Financial mathematics and models

Before submission authors should carefully read over the journal's Author Guidelines, which are located at <http://www.hindawi.com/journals/ddns/guidelines/>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ddns/nfdea/> according to the following timetable:

| | |
|------------------------|-------------------------|
| Manuscript Due | Friday, 18 January 2013 |
| First Round of Reviews | Friday, 12 April 2013 |
| Publication Date | Friday, 7 June 2013 |

Lead Guest Editor

Hua Su, Shandong University of Finance and Economics, Shandong, Jinan, China; jnsuhua@163.com

Guest Editors

Yuri V. Rogovchenko, Umeå University, Umeå, Sweden; yuriy.rogovchenko@uia.no

Youssef Raffoul, University of Dayton, Dayton, OH, USA; youssef.raffoul@notes.udayton.edu

Yanbin Sang, North University of China, Shanxi, Taiyuan, China; syb6662004@163.com

Fuyi Xu, Shandong University of Technology, Shandong, Zibo, China; zbxufuyi@163.com