Publication Information

*Journal of Applied Nonlinear Dynamics* (ISSN 2164-6457 (print), eISSN 2164-6473 (online)) is published quarterly (March, June, September, and December) by L & H Scientific Publishing, LLC, P.O. Box 99, Glen Carbon, IL62034, USA. Subscription prices are available upon request from the publisher or from this journal website. Subscriptions are accepted on a prepaid basis only and entered on a calendar year basis. Issues are sent by standard mail (Surface in North America, air delivery outside North America). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

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Printed in USA on acid-free paper.
Aims and Scope

The interdisciplinary journal publishes original and new research results on applied nonlinear dynamics in science and engineering. The aim of the journal is to stimulate more research interest and attention for nonlinear dynamics and application. The manuscripts in complicated dynamical systems with nonlinearity and chaos are solicited, which includes mathematical theories and methods, physical principles and laws, and computational techniques. The journal provides a place to researchers for the rapid exchange of ideas and techniques in nonlinear dynamics and engineering nonlinearity. Topics of interest include but not limited to

- Complex dynamics in engineering
- Nonlinear vibration and control
- Nonlinear dynamical systems and control
- Fractional dynamics and control
- Dynamical systems in chemical and bio-systems
- Economic dynamics and predictions
- Dynamical systems synchronization
- Bio-mechanical systems
- Nonlinear structural dynamics
- Nonlinear multi-body dynamics
- Multiscale wave propagation in materials
- Nonlinear rotor dynamics

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Xilin Fu
School of Mathematical Science
Shandong Normal University
Jinan 250014, China
Email: xilinfu@gmail.com

C. Nataraj
Department of Mechanical Engineering
Villanova University, Villanova
PA 19085, USA
Fax: +1 610 519 7312
Email: c.nataraj@villanova.edu

József K. Tar
Institute of Intelligent Engineering Systems
Óbuda University
Bécsi út 96/B, H-1034 , Budapest, Hungary
Email: tar.jozsef@nik.uni-obuda.hu

Hamid R. Hamidzadeh
Department of Mechanical and Manufacturing Engineering
Tennessee State University
Nashville, TN37209-1561, USA
Email: hhamidzadeh@tnstate.edu

Raoul R. Nigmatullin
Department of Theoretical Physics
Kremlevskaiya str.18
Kazan State University, 420008
KAZAN, Tatarstan Russia
Email: nigmat@knet.ru

Juan J. Trujillo
Department de Análisis Matemático
Universidad de La Laguna
C/Astr. Fco. Sánchez s/n
38271 La Laguna, Tenerife, Spain
Email: jtrujill@ullmat.es

Reza N. Jazar
School of Aerospace, Mechanical and Manufacturing
RMIT University
Bundoora VIC 3083, Australia
Email: reza.jazar@rmit.edu.au

Lev Ostrovsky
University of Colorado, Boulder, and
University of North Carolina, Chapel Hill,
USA
Email: lev.ostrovsky@gmail.com

Yuefang Wang
Department of Engineering Mechanics
Dalian University of Technology
Dalian, Liaoning, 116024, China
Email: yfwang@dlut.edu.cn

Stefano Lenci
Dipartimento di Ingegneria Civile
Edile e Architettura, Universita' Politecnica delle Marche via Brecce Bianche, 60131 ANCONA, Italy
Email: lenci@univpm.it

Richard H. Rand
Department of Mathematics
Cornell University
Ithaca, NY 14853-1503, USA
Fax:+1 607 255 7149
Email: rand@math.cornell.edu

Mikhail V. Zakrzhevsky
Institute of Mechanics
Riga Technical University
1 Kalku Str., Riga LV-1658 Latvia
Email: mzakr@latnet.lv

Edson Denis Leonel
Departamento de Física
UNESP - Univ Estadual Paulista
Av. 24A, 1515 - Rio Claro – SP
Brazil - 13.506-900
Fax: 55 19 3534 0009
Email: edleonel@rc.unesp.br

S.C. Sinha
Department of Mechanical Engineering
Auburn University
Auburn, Alabama 36849, USA
Fax: +1 334 844 3307
Email: ssinha@eng.auburn.edu

Jiazhong Zhang
School of Energy and Power Engineering
Xi’an Jiaotong University
Shaanxi Province 710049, China
Email: jzzhang@mail.xjtu.edu.cn

Shijun Liao
Department of Naval Architecture and Ocean Engineering
Shanghai Jiaotong University
Shanghai 200030, China
Fax: +86 21 6485 0629
Email: sjliao@mail.sjtu.edu.cn

Jian-Qiao Sun
School of Engineering
University of California
Merced, 5200 N. Lake Road
Merced, CA 95344, USA
Fax: +1 209 228 4047
Email: jqsun@ucmerced.edu

Yufeng Zhang
College of Sciences
China University of Mining and Technology
Xuzhou 221116, China
Email: mathzhang@126.com