

Journal of Applied Nonlinear Dynamics

Editors

J. A. Tenreiro Machado

ISEP-Institute of Engineering of Porto
Dept. of Electrical Engineering
Rua Dr. Antonio Bernardino de Almeida 431, 4200-072 Porto,
Portugal
Fax: +351 22 8321159
Email: jtm@isep.ipp.pt

Albert C.J. Luo

Department of Mechanical and Industrial Engineering
Southern Illinois University Edwardsville
Edwardsville, IL 62026-1805
USA
Fax: +1 618 650 2555
Email: aluo@siue.edu

Associate Editors

J. Awrejcewicz

Department of Automatics and
Biomechanics K-16,
The Technical University of Lodz, 1/15
Stefanowski St., 90-924 Lodz, Poland
Fax: +48 42 631 2225, Email:
awrejcew@p.lodz.pl

Shaofan Li

Department of Civil and
Environmental Engineering
University of California at Berkeley
Berkeley, CA 94720-1710, USA
Fax : +1 510 643 8928
Email: li@ce.berkeley.edu

C. Steve Suh

Department of Mechanical Engineering
Texas A&M University
College Station, Texas 77843-3123
USA
Fax: +1 979 845 3081
Email: ssuh@tamu.edu

Dumitru Baleanu

Department of Mathematics and
Computer Sciences
Cankaya University
Balgat, 06530, Ankara, Turkey
Fax: +90 312 2868962
Email: dumitru@cankaya.edu.tr

Antonio M Lopes

UISPA-LAETA/INEGI
Faculty of Engineering
University of Porto
Rua Doutor Roberto Frias, s/n, 4200-465
Porto, Portugal
Email: aml@fe.up.pt

Vasily E. Tarasov

Skobeltsyn Institute of Nuclear Physics
Moscow State University
119991 Moscow, Russia
Fax: +7 495 939 0397
Email: tarasov@theory.sinp.msu.ru

Nikolay V. Kuznetsov

Mathematics and Mechanics Faculty
Saint-Petersburg State University
Saint-Petersburg, 198504, Russia
Fax: +7 812 4286998
Email: kuznetsov@math.spbu.ru

Miguel A. F. Sanjuan

Miguel A. F. Sanjuan
Department of Physics
Universidad Rey Juan Carlos
28933 Mostoles, Madrid, Spain
Email: miguel.sanjuan@urjc.es

Editorial Board

Ahmed Al-Jumaily

Institute of Biomedical Technologies
Auckland University of Technology
Private Bag 92006 Wellesley Campus
WD301B Auckland, New Zealand
Fax: +64 9 921 9973
Email: ahmed.al-jumaily@aut.ac.nz

Giuseppe Catania

Department of Mechanics
University of Bologna
viale Risorgimento, 2, I-40136 Bologna,
Italy
Tel: +39 051 2093447
Email: giuseppe.catania@unibo.it

Liming Dai

Industrial Systems Engineering
University of Regina
Regina, Saskatchewan
Canada, S4S 0A2
Fax: +1 306 585 4855
Email: Liming.Dai@uregina.ca

Alexey V. Borisov

Department of Computational
Mechanics
Udmurt State University, 1
Universitetskaya str., Izhevsk 426034
Russia
Fax: +7 3412 500 295
Email: borisov@ics.org.ru

Riccardo Caponetto

DIEEI, (Electric, Electronics and
Computer Engineering Department),
Engineering Faculty
University of Catania
Viale A. Doria 6, 95125 Catania, Italy
Email: riccardo.caponetto@dieei.unict.it

Mark Edelman

Yeshiva University
245 Lexington Avenue
New York, NY 10016, USA
Fax: +1 212 340 7788
Email: edelman@cims.nyu.edu

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Editors

J. A. Tenreiro Machado

Albert Chao-Jun Luo



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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

No length limitations for contributions are set, but only concisely written manuscripts are published. Brief papers are published on the basis of Technical Notes. Discussions of previous published papers are welcome.

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Xilin Fu

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

Hamid R. Hamidzadeh

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

Reza N. Jazar

School of Aerospace, Mechanical and
Manufacturing
RMIT University
Bundoora VIC 3083, Australia
Fax: +61 3 9925 6108
Email: reza.jazar@rmit.edu.au

Stefano Lenci

Dipartimento di Ingegneria Civile
Edile e Architettura, Università
Politecnica delle Marche via Brecce
Bianche, 60131 ANCONA, Italy
Fax: +39 071 2204576
Email: lenci@univpm.it

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

Gennady A. Leonov

Department of Mathematics and
Mechanics
St-Petersburg State University
St-Petersburg, 198504, Russia
Email: leonov@math.spbu.ru

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

C. Nataraj

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

Raoul R. Nigmatullin

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

Lev Ostrovsky

Zel Technology/NOAA ETL
Boulder CO, USA 80305
Fax: +1 303 497 7384
Email: Lev.A.Ostrovsky@noaa.gov

Richard H. Rand

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

S.C. Sinha

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

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

József K. Tar

Institute of Intelligent Engineering
Systems
Óbuda University
Bécsi út 96/B, H-1034
Budapest, Hungary
Fax: +36 1 219 6495
Email: tar.jozsef@nik.uni-obuda.hu

Juan J. Trujillo

Department de Análisis Matemático
Universidad de La Laguna
C/Astr. Fco. Sánchez s/n
38271 La Laguna, Tenerife, Spain
Fax: +34 922318195
Email: jtrujill@ullmat.es

Yuefang Wang

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

Mikhail V. Zakrzhevsky

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

Jiazhong Zhang

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

Yufeng Zhang

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