# Journal of Vibration Testing and System Dynamics

# Editors

# J. A. Tenreiro Machado

ISEP-Institute of Engineering of Polytechnic of Porto Dept. of Electrical Engineering Rua Dr. Antonio Bernardino de Almeida 431 4200-072 Porto, Portugal Email: <u>itm@isep.ipp.pt</u>

# Xian-Guo Tuo

School of Automation & Information Engineering Sichuan University of Science and Engineering Zigong, Sichuan, 643000, China Email: <u>tuoxianguo@suse.edu.cn</u>

# **Associate Editors**

# Farbod Alijani

Department of Precision and Microsystems Engineering Delft University of Technology The Netherlands Email: F.Alijani@tudelft.nl

# Francesco Clementi

Department of Civil and Buildings Engineering and Architecture Polytechnic University of Marche Ancona, Italy Email: francesco.clementi@univpm.it

# **Fotios Georgiadis**

School of Engineering University of Lincoln Lincolnshire LN6 7TS United Kingdom Email: fgeorgiadis@lincoln.ac.uk

### Jianzhe Huang

School of Aeronautics and Astronautics Shanghai Jiao Tong University Shanghai, China 200240 Email: huangdeng9@sjtu.edu.cn

# Xiaobo Liu

General Motors Company 800 North Glenwood Ave. Pontiac, MI 48340 Email: xiaobo.liu@gm.com

# **Mohamed Belhaq**

Laboratory of Mechanics University Hassan II-Casablanca Casablanca, Morocco Email: mbelhaq@yahoo.fr

# Yoshihiro Deguchi

Department of Mechanical Engineering Tokushima University 2-1 Minamijyousanjima-cho Tokushima 770-8506, Japan Email: ydeguchi@me.tokushima-u.ac.jp

# Yu Guo

McCoy School of Engineering Midwestern University 3410 Taft Boulevard Wichita Falls, TX 76310, USA Email: yu.guo@mwsu.edu

# Krzysztof Kecik

Department of Applied Mechanics Lublin University of Technology Nadbystrzycka, Lublin, Poland Email: k.kecik@pollub.pl

# Pawel Olejnik

Department of Automation, Biomechanics and Mechatronics Lodz University of Technology 1/15 Stefanowski Str., BLDG A22 90-924 Lodz, Poland Email: pawel.olejnik@p.lodz.pl

# C. Steve Suh

Department of Mechanical Engineering Texas A&M University College Station, TX 77843-3123, USA Email: ssuh@tamu.edu

# **Jiazhong Zhang**

School of Energy and Power Engineering Xi'an Jiaotong University Xi'an, 710048, China Email: jzzhang@mail.xjtu.edu.cn

# Jinde Cao

School of Mathematics Southeast University Sipailou 2# Nanjing, 210096, China Email: jdcao@seu.edu.cn

# Frank Z. Feng

Department of Mechanical and Aerospace Engineering University of Missouri Columbia, MO 65211, USA Email: FengF@missouri.edu

### Hamid R. Hamidzadeh

Department of Mechanical and Manufacturing Engineering Tennessee State University Nashville, TN 37209-1561, USA Email: hhamidzadeh@tnstate.edu

### Ryoichi Kurose

Department of Mechanical Engineering and Science Kyoto University, Kyoto, Japan Email: kurose@mech.kyoto-u.ac.jp

# Zhi-Ke Peng

School of Mechanical Engineering Shanghai Jiao Tong University Shanghai, China 200240 Email: z.peng@sjtu.edu.cn

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Editors J.A.T. Machado C. Steve Suh Xian-Guo Tuo Jiazhong Zhang



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**Vibration Testing and System Dynamics** is an interdisciplinary journal serving as the forum for promoting dialogues among engineering practitioners and research scholars. As the platform for facilitating the synergy of *system dynamics, testing, design, modeling, and education*, the journal publishes high-quality, original articles in the theory and applications of dynamical system testing. The aim of the journal is to stimulate more research interest in and attention for the interaction of theory, design, and application in dynamic testing. Manuscripts reporting novel methodology design for modelling and testing complex dynamical systems with nonlinearity are solicited. Papers on applying modern theory of dynamics to real-world issues in all areas of physical science and description of numerical investigation are equally encouraged. Progress made in the following topics are of interest, but not limited, to the journal:

- Vibration testing and design
- Dynamical systems and control
- Testing instrumentation and control
- Complex system dynamics in engineering
- Dynamic failure and fatigue theory
- Chemical dynamics and bio-systems
- Fluid dynamics and combustion
- Pattern dynamics
- Network dynamics
- Control signal synchronization and tracking
- Bio-mechanical systems and devices
- Structural and multi-body dynamics
- Flow or heat-induced vibration
- Mass and energy transfer dynamics
- Wave propagation and testing
- Acoustics

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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### Alexander P. Seyranian

Institute of Mechanics Moscow State Lomonosov University, Michurinsky pr. 1, 119192 Moscow, Russia Email: aseyranian@mail.ru

# **Diego Orlando**

Department of Civil Engineering Universidade do Estado do Rio de Janeiro, Rio de Janeiro, Brazil Email: dgorlando@gmail.com

### **Xingzhong Xiong**

School of Automation & Information Engineering Sichuan University of Science and Engineering Zigong, Sichuan, 643000, China Email: xzxiong@suse.edu.cn

# Xu Sun

College of Mechanical and Transportation Engineering China University of Petroleum-Beijing Beijing, 102249, China Email: xsun@cup.edu.cn

### Laura Ruzziconi

Dipartimento di Architettura Costruzioni e Strutture Università Politecnica delle Marche Ancona, Italy Email: laura.ruzziconi@uniecampus.it

### **Dimitry Volchenkov**

Department of Mathematics and Statistics Texas Tech University 1108 Memorial Circle Lubbock, TX 79409, USA Email: <u>dr.volchenk@gmail.com</u>

### Hiroaki Watanabe

Department of Mechanical Engineering Kyushu University Nishi-ku, Fukuoka 819-0395, Japan Email: whiroaki@mech.kyushu-u.ac.jp