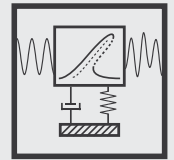


Mechanical Engineering

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VP Vibroengineering PROCEEDIA

Vibroengineering PROCEEDIA Volume 52 contains papers presented at the 66th International Conference on Vibroengineering in Istanbul, Turkey, November 25, 2023. The main theme of the Conference is “Noise and Vibrations in Mechatronics with Industrial Application”.

Aims and Scope

Journal publishes original papers presenting the state of the art in vibroengineering of dynamical systems.

The list of principal topics:

- Measurements in engineering
- Mathematical models in engineering
- Acoustics, noise control and engineering applications
- Mechanical vibrations and applications
- Fault diagnosis based on vibration signal analysis
- Vibration control, generation and harvesting
- Seismic engineering and applications
- Modal analysis and applications
- Vibration in transportation engineering
- Flow induced structural vibrations
- Oscillations in biomedical engineering
- Chaos, non-linear dynamics and applications
- Oscillations in electrical engineering
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- System dynamics in manufacturing system modeling
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66th International Conference on VIBROENGINEERING

November 25, 2023, in Istanbul, Turkey

The main theme of the conference: **Noise and Vibrations in Mechatronic with Industrial Application**

General Topics of the Conference:

- Materials and Measurements in Engineering
- Mathematical Models in Engineering
- Acoustics, Noise Control and Engineering Applications
- Mechanical Vibrations and Applications
- Fault Diagnosis Based on Vibration Signal Analysis
- Vibration Generation and Control
- Seismic Engineering and Applications
- Modal Analysis and Applications
- Vibration in Transportation Engineering
- Flow-induced Structural Vibrations
- Biomechanics and Biomedical Engineering
- Chaos, Non-linear Dynamics and Applications
- Dynamics and Oscillations in Electrical and Electronics Engineering
- Fractional Differential Equations and Applications
- System Dynamics in Manufacturing System Modelling
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VP Vibroengineering PROCEDIA

NOVEMBER 2023. VOLUME 52, PAGES (1-126), ISSN PRINT 2345-0533, ISSN ONLINE 2538-8479

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SHORT DESCRIPTION ABOUT THIS CATEGORY

Vibroengineering is an abbreviation of two words: vibration and engineering. Vibration phenomena play an important role in a wide range of mechanical, structural, electromechanical systems. Vibration engineering covers such topics as mechanical vibrations and applications, fault diagnosis based on vibration signal analysis, seismic engineering, acoustics and noise control, energy harvesting and vibration generation.

Every consecutive Volume of Vibroengineering Procedia is dedicated to a separate conference in the series of International Conferences on Vibroengineering.