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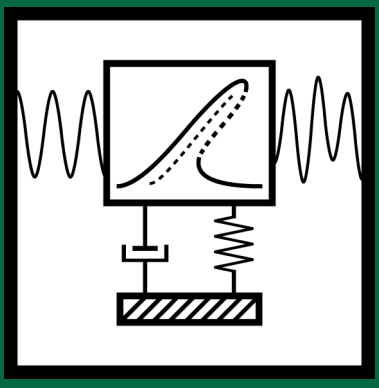

VP Vibroengineering PROCEDIA

Vibroengineering PROCEDIA Volume 46 contains papers presented at the 60th International Conference on VIBROENGINEERING held in, Resita, Romania, November 18, 2022. The main theme of the Conference is “The Use of Vibrations in Industrial Applications”.

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
- Fractional dynamics and applications
- System dynamics in manufacturing system modeling
- Dynamics of smart and functionally graded materials

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60th International Conference on VIBROENGINEERING
November 18, 2022, in Resita, Romania

The main theme of the conference: **The Use of Vibrations in Industrial Applications**

General Topics of the Conference:

- Materials and Measurements in Engineering
- Mathematical Models in Engineering
- 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
- Dynamics and Oscillations in Electrical and Electronics Engineering
- System Dynamics in Manufacturing System Modelling
- Dynamics of Smart and Functionally Graded Materials
- Artificial Intelligence Methods Applied in Vibration Diagnostics

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