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Description:

Special Topics in Structural Dynamics & Experimental Techniques, Volume 5: Proceedings of the 43rd IMAC, A Conference and Exposition on Structural Dynamics, 2025, the fifth volume of twelve from the Conference brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on fundamental and applied aspects of Structural Dynamics, including papers on:

- Experimental Techniques
- Dynamics of Rotating Machinery
- Metamaterials, Metastructures and Additive Manufacturing
- Dynamics of Biomedical and Bioinspired Systems

Keywords: AI, NN, OMA mode shape, ODS-FRF, FaCTs™, rotordynamics, narrow gaps, FEM