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Topics in Modal Analysis & Parameter Identification, Vol. 9

Proceedings of the 42nd IMAC, A Conference and Exposition on Structural Dynamics 2024

Editors:
Brandon J. Dilworth, The Society for Experimental Mechanics, Bethel, USA
Timothy Marinone, The Society for Experimental Mechanics, Bethel, USA
Jon Furlich, The Society for Experimental Mechanics, Bethel, USA

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Description:

Topics in Modal Analysis, Testing & Parameter Identification, Volume 9: Proceedings of the 42nd IMAC, A Conference and Exposition on Structural Dynamics, 2024, the nineth volume of ten 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 Modal Analysis, Modal Testing and Modal Parameter Identification including papers on:

- Analytical Methods
- Modal Applications
- Basics of Modal Analysis
- Experimental Techniques
- Multi Degree of Freedom Testing
- Boundary Conditions in Environmental Testing
- Operational Modal Analysis
- Modal Parameter Identification
- Novel Techniques

Keywords: Basics of Modal Analysis Analytical Methods Modal Parameter Identification Modal Applications Additive Manufacturing Applications Operational Modal Analysis Rotating Machinery