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Topics in Modal Analysis & Parameter Identification in Structural Dynamics, 2026, Vol. 8

Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics 2026

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Description:

Topics in Modal Analysis & Parameter Identification in Structural Dynamics, Volume 8: Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics, 2026, the eighth 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 Parameter Identification including papers on:

- Analytical Methods
- Modal Applications
- Basics of Modal Analysis
- Operational Modal Analysis
- Novel Techniques
- System Identification
- Modal Parameter Estimation
- BioMechanical Systems
- Aircraft and Aerospace Applications
- Rotating Machinery

Keywords: Modal Survey Test, Acoustic Excitation, Base Shake, Signal Processing, damping, boundary Traveling wave, impedance, dynamic modeling, Operational Data impact, particle manipulation, Cryogenics, traveling waves, standing waves, SLDV, petri-dish