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Dynamic Environments Testing, Vol. 7

Proceedings of the 43rd IMAC, A Conference and Exposition on Structural Dynamics 2025

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Description:

Dynamic Environments Testing, Volume 7: Proceedings of the 43rd IMAC, A Conference and Exposition on Structural Dynamics, 2025, the seventh 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 Dynamic Environments Testing including papers on:

- Dynamic Environment Definition and Specification
- Dynamic Testing Fixture Design and Fixture Neutralization
- Measurement Sensitivity to Test Design
- Multi-Degree of Freedom Shaker Testing and Environments Specification
- Resonant Plate Shock Testing

Keywords: modal, filter, projection, error, accelerometer, MIMO, Random testing, FDS, Environmental testing, Mechanical Shock, Tuned Absorber, Resonant Fixture

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