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Description:
Sensors and Instrumentation, Volume 5. Proceedings of the 34th IMAC, A Conference and Exposition on Dynamics of Multiphysical Systems: From Active Materials to Vibroacoustics, 2016, the fift h volume of ten from the Conference brings together contributions to this important area of research and engineering. Th e collection presents early findings and case studies on fundamental and applied aspects of Structural Dynamics, including papers on:

- Experimental Techniques
- Smart Sensing
- Rotational Eff ects
- Dynamic Calibration
- Systems & Sensing Technologies
- Modal Transducers
- Novel Excitation Methods

Keywords: Uncertainty Quantification & Model Validation Uncertainty Propagation in Structural Dynamics Bayesian & Markov Chain Monte Carlo Methods Practical Applications of MVUQ Advances in MVUQ & Model Updating

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