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Model Validation and Uncertainty Quantification, Volume 3

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Description:

Model Validation and Uncertainty Quantifi cation, Volume 3. Proceedings of the 34th IMAC, A Conference and Exposition on Dynamics of Multiphysical Systems: From Active Materials to Vibroacoustics, 2016, the third 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:

- Uncertainty Quantifi cation & Model Validation
- Uncertainty Propagation in Structural Dynamics
- Bayesian & Markov Chain Monte Carlo Methods
- Practical Applications of MVUQ
- Advances in MVUQ & Model Updating
- Robustness in Design & Validation
- Verifi cation & Validation Methods

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