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Topics in Model Validation and Uncertainty Quantification, Volume 5

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Description:

Topics in Model Validation and Uncertainty Quantification, Volume : Proceedings of the 31st IMAC, A Conference and Exposition on Structural Dynamics, 2013, the fifth volume of seven 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 Structural Dynamics, including papers on:

- Uncertainty Quantification & Propagation in Structural Dynamics
- Robustness to Lack of Knowledge in Design
- Model Validation

Keywords: Finite Element Techniques IMAC 2013 Model Updating, Experimental Dynamics Model Validation Society for Experimental Mechanics Substructuring Uncertainty Quantification quality control, reliability, safety and risk