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Dynamics of Coupled Structures, Volume 4

Proceedings of the 34th IMAC, A Conference and Exposition on Structural Dynamics 2016

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Description:

Dynamics of Coupled Structures, Volume 4. Proceedings of the 34th IMAC, A Conference and Exposition on Dynamics of Multiphysical Systems: From Active Materials to Vibroacoustics, 2016, the fourth 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 Dynamic Substructuring
- Structural Coupling of Nonlinear Structures
- Analytical/Numerical Modeling of Joints
- Industrial Applications of Substructuring
- Source Identifi cation & Transfer Path Analysis
- Human Induced Vibrations
- Damping & Friction

Keywords: Substructuring and the Ampair Wind Turbine Test Bed Experimental Dynamic Substructuring Reduced Order Models Experimental Studies of Joints and Joined Structures Analytical/Numerical Modeling of Joints Industrial Applications of Substructuring