

## Nonlinear Modeling and Applications, Volume 2

Proceedings of the 28th IMAC, A Conference on Structural Dynamics, 2010

**Editor:** Tom Proulx, The Society for Experimental Mechanics, Bethel, USA

This is the second volume of five from the 28th IMAC on Structural Dynamics and Renewable Energy, 2010, bringing together 17 chapters on Applications of Non-Linear Dynamics. It presents early findings from experimental and computational investigations on Non-Linear Dynamics including studies on Dynamics of a System of Coupled Oscillators with Geometrically Nonlinear Damping, Assigning the Nonlinear Distortions of a Two-input Single-output System, A Multi-harmonic Approach to Updating Locally Nonlinear Structures, A Block Rocking on a Seesawing Foundation, and Enhanced Order Reduction of Forced Nonlinear Systems Using New Ritz Vectors.

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## River Publishers Series in Conference Proceedings of the Society for Experimental Mechanics Series

e-ISBN: 9788743802051

Available From: May 2011

Price:

### KEYWORDS:

Theoretical and Applied Mechanics, Applications of Nonlinear Dynamics and Chaos Theory, Mathematical Modeling and Industrial Mathematics

