

Nonlinear Structures & Systems, Volume 1

**Proceedings of the 41st IMAC, A Conference and
Exposition on Structural Dynamics 2023**

Editor: Matthew R.W. Brake, The Society for Experimental Mechanics,
Bethel, USA

Nonlinear Structures & Systems, Volume 1: Proceedings of the 41st IMAC, A Conference and Exposition on Structural Dynamics, 2023, the first volume of ten 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 Nonlinear Dynamics, including papers on:

- Experimental Nonlinear Dynamics
- Jointed Structures: Identification, Mechanics, Dynamics
- Nonlinear Damping
- Nonlinear Modeling and Simulation
- Nonlinear Reduced-Order Modeling
- Nonlinearity and System Identification

Nonlinear Structures & Systems, Volume 1

Matthew R.W. Brake
Ludovic Renson
Robert J. Kuether
Paolo Tiso



Proceedings of the 41st IMAC, A Conference and
Exposition on Structural Dynamics 2023

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

e-ISBN: 9788743804079

Available From: October 2023

Price:

KEYWORDS:

Nonlinear dynamics modal analysis structural
engineering complexity Conference Proceedings

