River Publishers

Nonlinear Structures & Systems, Volume 1

Proceedings of the 40th IMAC, A Conference and Exposition on Structural Dynamics 2022

Editors:

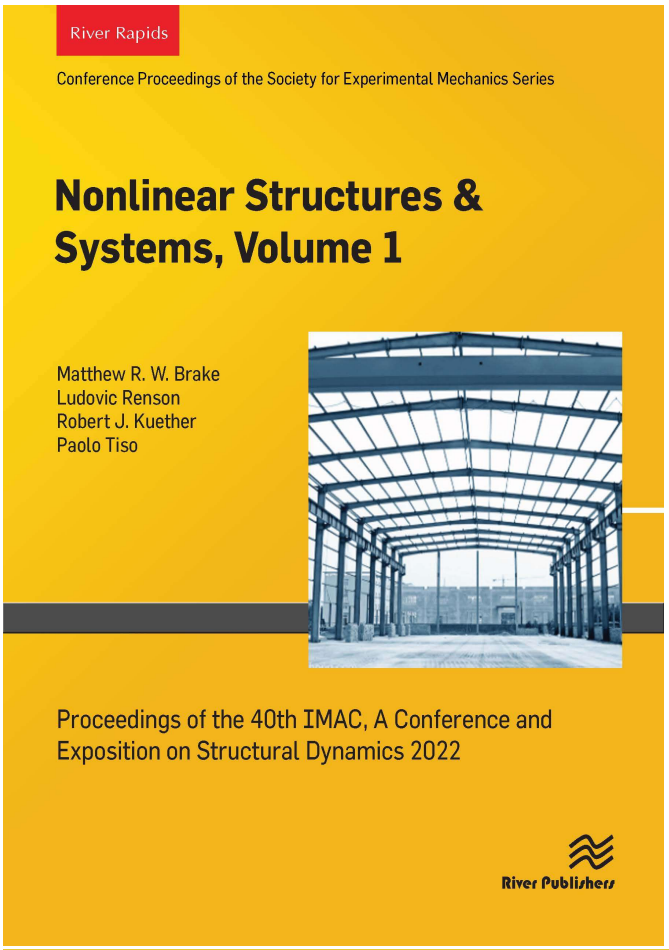
Matthew R.W. Brake, The Society for Experimental Mechanics, Bethel, USA

Ludovic Renson, The Society for Experimental Mechanics, Bethel, USA

Robert J. Kuether, The Society for Experimental Mechanics, Bethel, USA <br. Paolo Tiso, The Society for Experimental Mechanics, Bethel, USA

Nonlinear Structures & Systems, Volume 1: Proceedings of the 40th IMAC, A Conference and Exposition on Structural Dynamics, 2022, the first volume of nine 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



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

e-ISBN: 9788743803928
Available From: July 2022
Price:

KEYWORDS:
Nonlinear dynamics modal analysis structural engineering complexity nonlinearity and signal identification

www.riverpublishers.com
marketing@riverpublishers.com