



River Publishers

Nonlinear Structures & Systems, Volume 1

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

Editor: Matthew R.W. Brake, 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:

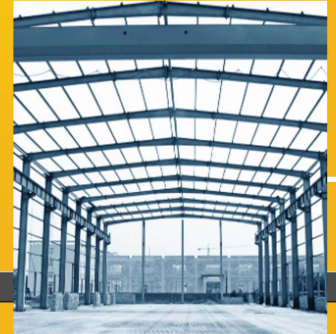
- Experimental Nonlinear Dynamics
- Jointed Structures: Identification, Mechanics, Dynamics
- Nonlinear Damping
- Nonlinear Modeling and Simulation
- Nonlinear Reduced-Order Modeling
- Nonlinearity and System Identification

River Rapids

Conference Proceedings of the Society for Experimental Mechanics Series

Nonlinear Structures & Systems, Volume 1

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



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



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