



**River Publishers**

## **Dynamics of Coupled Structures, Volume 1**

**Proceedings of the 32nd IMAC, A Conference and Exposition on Structural Dynamics, 2014**

**Editor:** Matt Allen, The Society for Experimental Mechanics, Bethel, USA

This first volume of eight from the IMAC-XXXII 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 Structural Dynamics, including papers on:

- Linear Systems
- Substructure Modelling
- Adaptive Structures
- Experimental Techniques
- Analytical Methods
- Damage Detection
- Damping of Materials & Members
- Modal Parameter Identification
- Modal Testing Methods
- System Identification
- Active Control
- Modal Parameter Estimation
- Processing Modal Data

River Rapids

Conference Proceedings of the Society for Experimental Mechanics Series

## **Dynamics of Coupled Structures, Volume 1**

Matt Allen  
Randy Mayes  
Daniel Rixen



Proceedings of the 32nd IMAC, A Conference and Exposition on Structural Dynamics, 2014



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

**e-ISBN:** 9788743802570

**Available From:** April 2014

**Price:**

### **KEYWORDS:**

Active Control Adaptive Structures Analytical Methods Damage Detection Damping of Materials & Members Experimental Techniques IMAC-XXXII Linear Systems Modal Parameter Estimation Modal Parameter Identification Modal Testing Methods Processing Modal Data Substructure Modelling System Identification



[www.riverpublishers.com](http://www.riverpublishers.com)  
[marketing@riverpublishers.com](mailto:marketing@riverpublishers.com)