

Dynamics of Civil Structures, Volume 2

Proceedings of the 33rd IMAC, A Conference and Exposition on Structural Dynamics, 2015

Editor: Juan Caicedo, The Society for Experimental Mechanics, Bethel, USA

Dynamics of Civil Structures, Volume 2. Proceedings of the 33rd IMAC, , A Conference and Exposition on Balancing Simulation and Testing, 2015, the second 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 Structural Dynamics, including papers on:

- Modal Parameter Identification
- Dynamic Testing of Civil Structures
- Human Induced Vibrations of Civil Structures
- Correlation & Updating
- Operational Modal Analysis
- Damage Detection of Structures
- Bridge Structures
- Damage Detection Models
- Experimental Techniques for Civil Structures

Dynamics of Civil Structures, Volume 2

Juan Caicedo
Shamim Pakzad



Proceedings of the 33rd IMAC, A Conference and Exposition on Structural Dynamics, 2015

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

e-ISBN: 9788743802662

Available From: May 2015

Price:

KEYWORDS:

Engineering Nonlinearities in Structural Dynamics
IMAC 2015 Nonlinear Experimentation Nonlinear Modeling Society of Experimental Mechanics

