

1. Record Nr.	UNINA9910463915803321
Autore	Weintraub Sidney <1922->
Titolo	Unequal partners : the United States and Mexico / / Sidney Weintraub
Pubbl/distr/stampa	Pittsburgh, Pennsylvania : , : University of Pittsburgh Press, , 2010 ©2010
ISBN	0-8229-7369-3
Descrizione fisica	1 online resource (191 pages) : illustrations
Collana	Pitt Latin American Series
Disciplina	337.73072
Soggetti	Electronic books. United States Foreign relations Mexico United States Foreign economic relations Mexico Mexico Foreign relations United States Mexico Foreign economic relations United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction: Mexico's political economy -- Trade: from closure to opening -- Foreign direct investment and finance: from resistance to welcome -- Narcotics: effect of profits from U.S. consumption -- Energy: the oil is ours -- Migration: a consequence of inequality -- The border: a phenomenon of its own -- Findings: changing traditional practices.

2. Record Nr.	UNINA9910254341703321
Titolo	Special Topics in Structural Dynamics, Volume 6 : Proceedings of the 35th IMAC, A Conference and Exposition on Structural Dynamics 2017 / / edited by Nikolaos Dervilis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	87-438-0319-9 87-7004-951-3 3-319-53841-1
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VIII, 197 p. 175 illus., 141 illus. in color.)
Collana	Conference Proceedings of the Society for Experimental Mechanics Series, , 2191-5652
Disciplina	624.171
Soggetti	Mechanics, Applied Solids Multibody systems Vibration Mechanical engineering Civil engineering Solid Mechanics Multibody Systems and Mechanical Vibrations Mechanical Engineering Civil Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Chapter 1. Harmonic Forcing of a Two-Segment Euler-Bernoulli Beam -- Chapter 2. A new Surrogate Modeling Method Associating Generalized Polynomial Chaos Expansion and Kriging for Mechanical Systems Subjected to Friction-induced Vibration -- Chapter 3. Multi-Objective Parametric Optimization of an Equilibrator Mechanism -- Chapter 4. Development of a Numerical Model for Dynamic Analysis of a Built-up Structure by a Two-Step FEM-Test Correlation Approach -- Chapter 5. Testing Methods for Verification of a Mounted Accelerometer Frequency Response -- Chapter 6. Experimental Evaluation and Statistical analysis

of Synchronous Averaging -- Chapter 7. Optimization of a Zigzag Shaped Energy Harvester for Wireless Sensing Applications -- Chapter 8. Fuzzy Finite Element Model Updating Using Metaheuristic Optimization Algorithms -- chapter 9. The Combination of Testing and 1D Modelling for Booming Noise Prediction in the Model Based System Testing Framework -- Chapter 10. Structural Coupling Analyses of Experimental Models in a Virtual Shaker Testing Environment for Numerical Prediction of a Spacecraft Vibration Test -- Chapter 11. Establishment of Full-field, Full-order Dynamic Model of Cable Vibration by Video Motion Manipulations -- Chapter 12. Analyses of Target Definition Processes for MIMO Random Vibration Control Tests -- Chapter 13. Material Characterization of Self-Sensing 3D Printed Parts -- Chapter 14. Trajectory Tracking and Active Vibration Suppression on a Flexible Tower Crane -- Chapter 15. On a Grey Box Modelling Framework for Nonlinear System Identification -- Chapter 16. In-Process Monitoring of Automated Carbon Fibre Tape Layup using Ultrasonic Guided Waves -- Chapter 17. Development of a Mathematical Model to Design the Control Strategy of a Full Scale Roller-rig.

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#### Sommario/riassunto

Special Topics in Structural Dynamics, Volume 6: Proceedings of the 35th IMAC, A Conference and Exposition on Structural Dynamics, 2017, the sixth 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: Experimental Methods Analytical Methods General Dynamics & Modal Analysis General Dynamics & System Identification Damage Detection .

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