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| Altri autori (Persone) | SimmermacherTodd |
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| Soggetti | Structural dynamics Mechanical engineering |
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| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | From the Contents: Optimal Inequalities to Bound a Performance Probability -- Remaining Fatigue Life Predictions Considering Load and Model Parameters Uncertainty -- Fast Computing Techniques for Bayesian Uncertainty Quantification in Structural Dynamics -- Bayesian Uncertainty Quantification and Propagation in Nonlinear Structural Dynamics -- Probabilistic Damage Identification of the Dowling Hall Footbridge Using Bayesian FE Model Updating -- Considering Wave Passage Effects in Blind Identification of Long-Span Bridges. |
| Sommario/riassunto | Topics in Model Validation and Uncertainty Quantification, Volume : Proceedings of the 31st IMAC, A Conference and Exposition on Structural Dynamics, 2013, the fifth volume of seven 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: Uncertainty Quantification & Propagation in Structural Dynamics Robustness to Lack of Knowledge in Design Model Validation. |