



Vibration-Based Structural Health Monitoring

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Message from the Guest Editor

As structures become more complex, the need for structural health monitoring is increasing in many applications. Vibration occurs from wide different sources including internal and external excitations and other sources in the surrounding environments. The use of vibration for structural integrity monitoring allows robust, efficient, and straightforward implementation. The utilization of vibration for inspection requires the contribution and understanding of multidisciplinary research fields. Due to various aspects of a vibrating system, the vibration-based approach requires investigations from many different fields including applied mechanics, solid mechanics, fluid mechanics, acoustics, signal processing, electronics, material science, etc.





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Message from the Editor-in-Chief

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