



Recent Advances in Vibration-Based Structural Health Monitoring

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Message from the Guest Editor

This Special Issue will present recent advances made in vibration-based structural health monitoring (VBSHM) using dynamic responses of the structure to an excitation.

In fact, vibration-based approaches are suitable for global health monitoring of structures even without any a priori knowledge of and accessibility to the damage location. Papers on parameter and feature estimation based on linear structural behavior, SHM taking into account the nonlinear structural behavior, sensor layout and data collection strategies, integration of SHM with vibration control of structures, wireless monitoring, and applications or case studies are expected.

