Smart Vibration Control Technologies and Structural Health Monitoring Techniques: Theory and Applications

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on the theory and application of novel vibration control systems and the related structural health monitoring techniques. It will showcase some of the latest efforts advancing the frontiers of vibration control and structural health monitoring. Topics include but are not limited to passive, semi-active, and active vibration control technologies; sensors for structural health monitoring; damage detection and characterization/feature extraction algorithms; data transmission for embedded systems; structural warning systems; validation of structural health monitoring techniques; case studies of vibration controls and health monitoring of structures and infrastructure (bridges, tunnels, pipelines, etc.); model-based structural service life prediction methods; etc.

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Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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