Vibration Control and Applications

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Message from the Guest Editor

Vibration is probably one of the most difficult things that an engineer deals with on a regular basis. Vibration control plays a critical role in research and industry. There are many types of vibration control techniques such as vibration isolating, vibration absorbing, and metamaterial band stopping that have been developed over the years, from linear to nonlinear analysis.

This Special Issue aims at collecting a set of high-quality works that address the challenges of vibration control (e.g., excited vibration mechanism, vibration isolator, tuned mass damper, vibration energy harvester, and metamaterial) and/or apply these systems to interesting applications (rotors, automobiles, aeroplanes, aerospace, etc.).

- vibration control
- nonlinear vibration
- rotor dynamics
- vibration isolation
- tuned mass damper
- vibratin energy harvester
- metamaterial
- vibration application

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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