Special Issue

Structural Vibration: Analysis, Control, Experiment, and Applications II

Message from the Guest Editor

The scope of structural vibration covered in this Special Issue shall include but not be limited to the topics of analysis, control, experiment, and applications. It is important to have accurate mathematical methods to predict the actual vibrational behaviors of different types of structures if meaningful assessments of the integrity/performance of the structures are desired. On the other hand, the control of the vibration of a structure in a proper way can enhance the performance or ensure the integrity of the structure. Therefore, the development of efficient and effective techniques for structural vibration control has become an important topic of research. Regarding the quality assurance or health monitoring of a structure, the vibration data measured during operation can be used to, for instance, identify the material properties or assess the health condition of the structure. Papers are invited to make contributions to enrich the knowledge around structural vibration. Keywords

- structural vibration
- vibroacoustics
- vibration control
- vibration analysis
- vibration testing
- vibration measurement
- system identification

Guest Editor

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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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