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Application of Active Noise and Vibration Control

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Deadline for manuscript submissions:

closed (30 September 2022)

Message from the Guest Editors

Active control technologies have a variety of applications in both industrial machinery and consumer products. We are inviting interested authors to submit their manuscripts to this Special Issue “Application of Active Noise and Vibration Control”. This Special Issue aims to cover a wide range of hotspot topics, including but not limited to active noise-canceling headphones, active noise control in ducts, active noise control for headrests, active noise control in cabins, active sound barriers, active control of scattered radiation, active vibration isolation, active vibration absorbers, and active structural acoustic control. We welcome research articles as well as review articles on the significant progress of active noise and vibration control applications.

Keywords

- active noise control application
- active vibration control application
- active structural acoustic control application
- modelling and simulation of ANC and AVC systems
- experimental and implementation techniques for ANC and AVC
- signal processing algorithms for ANC and AVC



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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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