Special Issue

Structural Optimization Methods and Applications, 2nd Edition

Message from the Guest Editors

With structural optimization, designers need to specify their objective and constraints, as well as the variables of the design problem; then, a structure is automatically generated with suitable performance, low cost and that is easy to manufacture. It is recognized as a powerful tool for solving demanding design problems and is used extensively in engineering. This Special Issue aims to cover topics including, but not limited to, the following:

- Structural optimization methods, numerical techniques, and engineering applications;
- Optimization methods for material or multiscale structures;
- Structural optimization involving nonlinearity, dynamic, and multiple physical fields;
- Structural optimization involving manufacturing issues;
- Structural design considering uncertainties.

Guest Editors

Prof. Dr. Qi Xia

Dr. Hui Liu

Dr. Kai Long

Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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