Model and Simulation in Structural Engineering

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to publish original research articles covering advances in mathematical models and algorithms, number theory, and simulation methods in structural engineering and aspires to a broad and integrated coverage of these principles and technologies to structural engineering. The scope of this Special Issue encompasses but is not restricted to the following areas: infrastructure engineering; earthquake engineering; constitutive model; structural dynamics; blast engineering; structural reliability/stability; life assessment/integrity; structural health monitoring; performance-based design; multiscale analysis; simulation techniques; efficient numerical calculation method and theory; protective structures; smart structures.

Keywords:

- numerical and modeling analysis
- mathematical models
- calculation method
- structural dynamics
- infrastructure engineering
- number theory
- numerical analysis
- constitutive model
- structural health monitoring

Special Issue

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Message from the Editor-in-Chief

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