Special Issue

Computational Mechanics and Applied Mathematics, 2nd Edition

Message from the Guest Editor

Structural engineering and mathematics have always been closely intertwined. Structural engineering deals with mechanics, providing adequate, complex computational models, while mathematics provides computational solution algorithms. The natural synergy between mathematics and mechanics thus provides a powerful tool in computational structural mechanics, allowing engineers to design structures reliably without the need for experiments. We invite articles for submission to this Special Issue titled "Computational Mechanics and Applied Mathematics, 2nd Edition". The scope of this Special Issue encompasses research areas related to the application of new mathematical models, methods, or techniques in computational engineering mechanics, including the analytical, semi-numerical, and numerical-based computational modeling and analysis of structural engineering problems.

Guest Editor

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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