



Recent Advances in Numerical Methods for Scientific and Engineering Applications

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Message from the Guest Editors

Dear Colleagues,

The solutions of systems of partial differential equations (PDEs) are involved in many fields of scientific and engineering applications. Exact analytical or semi-analytical solutions of these systems are generally intractable due to their mathematical complexity. It is thus necessary to take advantage of the numerical methods to efficiently solve linear or non-linear systems of PDEs. The development of accurate and efficient numerical methods is always an active research field.

This Special Issue is devoted to papers on advanced numerical methods for scientific and engineering applications. Topics of interest include but are not limited to fast methods, iterative methods, adaptive mesh generation, large-scale simulation, dynamic problems, wave propagation, fracture mechanics analysis, and thin-wall structures.





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Message from the Editor-in-Chief

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