Numerical Analysis and Scientific Computing for Applied Mathematics

Guest Editor:

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Message from the Guest Editor

Numerical analysis is a natural link between pure mathematics and computer science. This Special Issue of *Mathematics*, entitled "Numerical Analysis and Scientific Computing for Applied Mathematics", invites the submission of both original research and review papers that bring together new methods of numerical analysis and scientific computing for use in applied mathematics.

Articles can involve theory, algorithms, programming, coding, numerical simulation and/or novel applications of computational techniques to problems in science and engineering. Potential topics of interest include, but are not limited to: approximation theory, methods of numerical linear algebra, numerical methods for solving non-linear equations and systems, methods of numerical differentiation and integration (quadrature and cubature), optimization methods, finite element methods, finite difference methods, finite volume methods, meshless and particle methods, numerical methods for ordinary and partial differential equations, numerical methods for integral equations, etc., and their applications for solving real problems in areas of science and engineering.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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