Special Issue

Mathematical Analysis and Functional Analysis and Their Applications

Message from the Guest Editor

The intention of this special issue on Functional Analysis is intended to cover all aspects of current research work on the subject. Papers are invited from those who work in functional analysis proper or in any one of the areas in which functional analysis is usually applied. This may incluse operators in Hilbert spaces, self-adjoint operators, Sobolev spaces, weak derivatives, elliptic problems, distributions, semigroups of linear operators, weakly nonlinear equations and nonlinear equations, and parabolic equations. There has also been a great deal of interest in applications to the area of dynamical systems and related areas. Moreover, if an author has a particular idea in mind, it may also be considered as a topic as long as it is related to the main subject of this issue.

- functional analysis and operators
- sobolov spaces
- weakly nonlinear equations
- applications to dynamical systems theory
- application in differential geometry

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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