

Special Issue

Partial Differential Equations: Theory and Applications

Message from the Guest Editor

The present Special Issue will cover most areas of applied mathematics in the theory of partial differential equations, with a special focus on mathematical biology. The purpose of this Special Issue is to present articles describing the latest developments in these fields, including theoretical and numerical/computational aspects. Topics of interest to this Special Issue include, but are not limited to, numerical methods for partial differential equations, mathematical biology, chemotaxis systems, global existence, the local and global stability of solutions, the study of mixed problems, and recent developments in the field of mathematical modeling in biology. All interested researchers are kindly invited to contribute to this Special Issue with original research articles, short communications, and review articles.

Guest Editor

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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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