

Special Issue

Differential Equations with Boundary Value Problems: Theory and Applications

Message from the Guest Editor

Boundary-value problems (BVPs) have an important place in engineering, environmental phenomena, physical and engineering sciences. The purpose of this Special Issue is to gather contributions pertaining to topics including (but not limited to) the existence of solutions, analytical solutions, and minimizers for functionals of boundary value problems. The differential equations include ordinary differential equations, fractional differential equations, difference equations, etc.

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).