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Journal of Applied Mathematics and Physics
ISSN Online: 2327-4379

Special Issue on Separation of Variables and Its Applications

Call for Papers

Method of separation of variables is one of the most widely used techniques to solve partial differential equations and is based on the assumption that the solution of the equation is separable, that is, the final solution can be represented as a product of several functions, each of which is only dependent upon a single independent variable. If this assumption is incorrect, then clear violations of mathematical principles will be obvious from the analysis. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **separation of variables and its applications**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **separation of variables and its applications**. In this special issue, potential topics include, but are not limited to:

- Ordinary differential equations
- Partial differential equations
- Separable differential equations
- Symmetry and separation of variables
- Separation of variables form
- Homogenous balanced principle

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue –*Separation of Variables and Its Applications***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	December 31st, 2019
Publication Date	February 2020

Guest Editor:

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Journal of Applied Mathematics and Physics
ISSN Online: 2327-4379

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