Special Issue

Applications of Partial Differential Equations in Engineering

Message from the Guest Editor

Partial differential equations have become one extensive topic in Mathematics, Physics and Engineering due to the novel techniques recently developed and the great achievements in Computational Sciences. Both theoretical and applied viewpoints have obtained great attention from many different natural sciences. A partial list of topics includes modeling; solution techniques and applications of computational methods in a variety of areas (e.g., liquid and gas dynamics, solid and structural mechanics, bio-mechanics, etc.); variational formulations and numerical algorithms related to implementation of the finite and boundary element methods; finite difference and finite volume methods; and other basic computational methodologies

Guest Editor

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Deadline for manuscript submissions

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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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