New Advance of High-Dimensional Nonlinear Partial Differential Equations

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Message from the Guest Editor

Partial differential equations are widely used to describe a wide variety of processes in technology, of both living and inanimate natures. This mathematical apparatus made it possible to significantly expand the arsenal of software and hardware tools and methods to solve a wide variety of problems, including control problems in technical systems, the study of multiply connected systems, mathematical modelling of complex processes, and so on. This topic is also related to topics of fractional differentiation, non-integer integration, matrix calculus, mathematical modelling, simulation, and numerical optimization, as well as various non-linear models, non-linear equations and their application.

The scientific journal "*Mathematics*" intends to publish a Special Issue "New Advance of High-dimensional Nonlinear Partial Differential Equations", which will highlight the latest achievements in theoretical and applied science in this area. All articles are double reviewed and published in the public domain, which ensures that the scientific community is widely acquainted with the results of your research, and will also ensure a high citation index of your publications.

SpecialIssue

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Message from the Editor-in-Chief

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