

Special Issue

New Aspects of Differentiable and Not Differentiable Function Theory

Message from the Guest Editors

As is well known in Analysis, Functional Analysis, and their applications, the notions of differentiability, convexity, basic inequalities, and the optimization of scalar- or Banach lattice-valued functions are the foundation for new ideas and findings. This Special Issue focuses on the topics mentioned above as well as their related subjects. More specifically, we aim to study aspects of optimization, polynomial approximations on unbounded subsets, moment problems, variational inequalities, evolutionary problems, dynamical systems, generalized convexity, partial differential equations, and Banach lattices of self-adjoint operators. We will emphasize applications to concrete problems and recognize that some of these research areas are intercorrelated. Therefore, we cordially invite you to publish your findings (articles or review papers) on these or related subjects in this Special Issue.

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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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