New Aspects of Differentiable and Not Differentiable Function Theory

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Message from the Guest Editors

Dear Colleagues,

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.

Special Issue

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Message from the Editor-in-Chief

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