



Advances in Differential Analysis and Functional Analysis

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Message from the Guest Editors

The historical roots of Functional Analysis lie in the study of the spaces of functions and in the formulation of the properties of operator transformations between function spaces. This point of view has been particularly useful in the study of differential and integral operators. This area of mathematics has both an intrinsic beauty, which we hope to convey to the reader, and a vast number of applications in many fields of mathematics. These include the analysis of PDEs, differential topology and geometry, symplectic topology, quantum mechanics, probability theory, geometric group theory, dynamical systems, ergodic theory and approximation theory.

This Special Issue is not restricted to the following list and welcomes papers on any remarkable properties or applications in the field of Differential Analysis and Functional Analysis.





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Message from the Editor-in-Chief

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