



Recent Advances in Function Spaces and Their Applications

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to promote modern approaches to the theory of function spaces and applications. The theory of function spaces is a constantly growing field of mathematics that provides an important background for research in different areas of engineering, signal analysis, quantum mechanics, etc. It is often useful to impose integrability, differentiability or decay/growth at infinity conditions on the function and to observe how such properties reflect from the practical point of view. In addition, the tools from operator and representation theory can provide a rich framework for research and enforce notable scientific results.

Researchers are encouraged to submit their papers as original results or expository or review papers. Topics of interest include function spaces, spaces of ultradifferentiable functions, spaces of distributions and ultradistributions, pseudodifferential operators, frame theory, time–frequency analysis, microlocal analysis.

Contributions must be submitted before the deadline. Submissions will be peer-reviewed and selected for publication based on their quality and relevance.





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Message from the Editor-in-Chief

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