



## Modern Functional Analysis and Related Applications

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### Message from the Guest Editor

Dear Colleagues,

Functional analysis is an integral part of contemporary Mathematics. Methods of functional analysis work in mathematical physics, function theory, topological algebras, dynamical systems, Lie theory, approximation theory, and fuzzy mathematics, among others. Functional analysis results are applicable in quantum physics, mathematical modeling, control theory, neural networks, and other branches of knowledge.

In this Special Issue, we will cover all fields related to modern methods of functional analysis and their applications. In particular, we invite contributions to Banach spaces theory, operator theory, theory of algebras and spaces of analytic functions of finitely and infinitely many variables, topological tensor products of locally convex spaces, linear and nonlinear dynamics in Banach spaces, approximation theory, and possible applications in various areas of mathematics, physics, and information theory.

The purpose of this Special Issue is to gather a collection of articles reflecting new trends in functional analysis and their applications. We welcome original research papers or review articles related to this area.

