Advanced Research in Functional Analysis and Operator Theory

Guest Editor:

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Message from the Guest Editor

This Special Issue focuses on functional analysis, nonlinear operator theory, and its relationship with fixed-point theory, including studies on non-expansive mappings and, more generally, pseudo-contractive operators in Banach spaces; studies on zeros for monotone operators in Hilbert spaces as well as accretive and m-accretive operators in general Banach spaces; studies on the existence and uniqueness types of problems; and studies on the approximation of solutions using iterative methods such as the Mann iteration process. This research component is highly related to the exploration of how mathematics should be learned at the early stages of human life. We welcome the authors of related areas of research, such as partial differential equations, to contribute original research articles to this Special Issue.

- geometric fixed-point theory in Banach spaces
- nonlinear operator theory
- differential and integral equations
- functional analysis

Special Issue

Editor-in-Chief

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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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