New Theory and Applications of Nonlinear Analysis, Fractional Calculus and Optimization

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Deadline for manuscript
submissions:
closed (30 April 2024)

Message from the Guest Editor

This Special Issue will pay greater attention to the new originality and real-world applications of nonlinear analysis, fractional calculus, optimization and their applications. We are pleased to invite invite researchers to contribute their original and high-quality research papers in order to inspire advances in nonlinear analysis, fractional calculus, optimization and their applications. Potential topics include, but are not limited to:

- Nonlinear functional analysis;
- Fixed point, coincidence point, and best proximity point theory;
- Set-valued analysis;
- Critical point theory;
- Matrix theory;
- Convex analysis;
- Boundary value problems;
- Singular and impulsive fractional differential and integral equations;
- Well-posedness of fractional system;
- Fractional epidemic model;
- Modeling biological phenomena;
- Nonsmooth analysis and optimization;
- Stability analysis;
- Dynamics and chaos

mdpi.com/si/171918

Special Issue

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Message from the Editor-in-Chief

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