Nonlinear Functional Analysis: Theory, Methods, and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Nonlinear analysis, especially variational methods, originate from calculus and classical mechanics, so it has a long history, but abstract functional analysis was first used about 100 years ago. Now, abstract nonlinear functional analysis is applied in a wide range of areas. In this Special Issue, we pay attention to the following topics:

1. Periodic solutions to N-body problems and Hamiltonian systems;
2. Minimax theory and Ky Fan inequality and applications;
3. Convex analysis and non-smooth analysis;
4. Variational methods for ODE and PDE;
5. Fixed point theory and applications.

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Guest Editor

Special Issue

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Message from the Editor-in-Chief

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