Special Issue

Fixed Point Theory and Its Applications

Message from the Guest Editors

The fixed point theory has been a hot research area. It has played a vital role in handling nonlinear phenomena of the real world. There have been numerous results regarding the existence, uniqueness and approximation of fixed points of nonlinear operators, and these find numerous applications in pure and applied sciences. In particular, it has vast applications in optimization, engineering, economics, biology, and machine learning. Many problems originating in these areas can be modeled as optimization problems. At present, the fixed point method is one of the most effective approaches for solving them. This Special Issue aims to collect and publish novel and original results on fixed point theory and its applications. We welcome papers on topics including, but not limited to, the following:

- iterative methods;
- optimization and control;
- variational problems;
- numerical problems in dynamical systems;
- theory, methods and applications of optimization;
- mathematical modeling via fixed point theory;
- applications of fixed point theory in engineering, science, and technology.

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About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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