Special Issue

p-adic Analysis and q-Calculus with Their Applications

Message from the Guest Editors

This Special Issue focuses on the applications of the p-adic analysis and q-calculus to various fields of number theory that deal mainly with mathematical analysis of functions of p-adic numbers in mathematics and the theory of p-adic strings and quantum mechanics, and the theory of complex disordered systems-spin glasses in physics. Potential topics include but are not limited to the following:

- q-umbral analysis
- q-Sheffer polynomials
- q-difference equations
- q-calculus in operator theory
- p-adic zeta functions
- p-adic q-integrals with applications
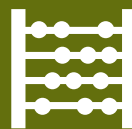- p-adic mathematical physics

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Deadline for manuscript submissions

closed (30 November 2021)

Axioms

MDPI

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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