

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

Guest Editors

Dr. Serkan Araci

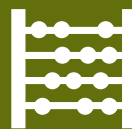
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Deadline for manuscript submissions

closed (30 November 2021)



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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.

Editor-in-Chief

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