



p -adic Analysis and q -Calculus with Their Applications

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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:

Deadline for manuscript
submissions:

closed (30 November 2021)

- 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

