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New Trends in Geometric Function Theory

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Deadline for manuscript submissions:

closed (15 June 2022)

Message from the Guest Editors

Dear Colleagues,

Geometric function theory began to develop as a separate branch of complex analysis in the early twentieth century when the first major works appeared in this field due to P. Koebe, T.H. Gromwall, I. W. Alexander and L. Bieberbach. Recently, new study directions have emerged, such as strong differential subordinations and superordinations theory, fuzzy differential subordinations and superordinations theory, and applications of special functions and of quantum calculus in geometric functions theory.

Topics that are invited for submission include (but are not limited to):

- univalent function and multivalent functions
- applications of special functions in geometric functions theory
- differential subordinations and superordinations
- fuzzy differential subordinations and superordinations
- differential and integral operators
- holomorphic mappings and correspondences
- holomorphic functions of several complex variables
- applications quantum calculus in geometric functions theory
- univalence criteria



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