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Special Issue Reprint

New Developments in Geometric Function Theory II

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This project aimed to gather together the latest developments in research concerning complex-valued functions from the perspective of geometric function theory. Scholars' contributions were sought on topics including, but not limited to: new classes of univalent and bi-univalent functions; studies regarding coefficient estimates including the Fekete–Szego functional, Hankel determinants, and Toeplitz matrices; applications of different types of operators in geometric function theory including differential, integral, fractional, or quantum calculus operators; differential subordination and superordination theories in their classical form and also concerning their recent extensions—strong and fuzzy differential subordination and superordination theories; applications of different hypergeometric functions and orthogonal polynomials in geometric function theory. The presentation of new results obtained by using any other techniques which can be applied in the field of complex analysis were also welcomed. Hopefully, through this project, new lines of research associated with geometric function theory have been highlighted and will serve to boost development in this field.



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