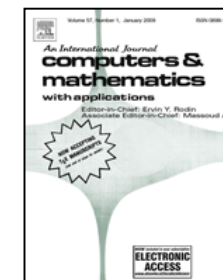




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Multivalent functions with respect to n -ply points and symmetric conjugate points[☆]

Rosihan M. Ali^{a,*}, Abeer O. Badghaish^{a,1}, V. Ravichandran^b

^a School of Mathematical Sciences, Universiti Sains Malaysia, 11800 USM, Penang, Malaysia

^b Department of Mathematics, University of Delhi, Delhi 110 007, India

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ABSTRACT

Multivalent analytic functions that are starlike, convex, close-to-convex, and quasi-convex with respect to n -ply points as well as multivalent functions with respect to symmetric points, conjugate points and symmetric conjugate points are considered. These classes of functions interestingly unify various known subclasses that have separately been introduced and studied. Inclusion and convolution properties of these generalized classes are investigated, and numerous known results could be obtained as special instances.

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