Starlike and Close-to-Convex Functions with Respect to Symmetric-Conjugate Points

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Abstract: In this paper four new classes of close-to-convex functions are introduced by combining the concept of starlike functions with respect to symmetric points with that of starlike (close-to-convex) functions with respect to conjugate points. Using differential subordinations, certain results concerning inclusion relations and integral operators defined on these subclasses are obtained.