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	A New Subclass of \$k\$-Uniformly Convex Functions with Negative Coefficients
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Abstract:	The main object of this paper is to introduce and investigate a subclass $\mathcal{U}(\lambda, \alpha, \beta, k)$ of normalized analytic functions in the open unit disk Δ , which generalizes the familiar class of uniformly convex functions. The various properties and characteristics for functions belonging to the class $\mathcal{U}(\lambda, \alpha, \beta, k)$ derived here include (for example) a characterization theorem, coefficient inequalities and coefficient estimates, a distortion theorem and a covering theorem, extreme points, and the radii of close-to-convexity, starlikeness and convexity. Relevant connections of the results, which are presented in this paper, with various known results are also considered.
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