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ON A CERTAIN SUBCLASS OF NORMALIZED ANALYTIC FUNCTIONS INVOLVING THE RUSCHEWEYH DIFFERENTIAL OPERATOR

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Abstract

In this paper we use Ruscheweyh differential operator, operating on subclass of normalized analytical functions in open unit disk. We introduce new subclass $K_p(R^m; \gamma, \mu, m, \beta)$ and $\tilde{K}_p(R^n; \gamma, \mu, m, \beta)$ with some examples. Coefficient inequality, extreme points, integral mean inequality, closure theorem, convolution theorem for this class are given.