A CERTAIN CLASS OF MULTIVALENT PRESTARLIKE FUNCTIONS INVOLVING A GENERALIZED FRACTIONAL DIFFERENTIAL OPERATOR

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Abstract

In this paper, the fractional differential operator is used to define the class $S_{P,\lambda}^{n,\alpha}(A, B, \gamma, \mu)$. Several results concerning coefficient estimates and extreme points for the class $S_{P,\lambda}^{n,\alpha}(A, B, \gamma, \mu)$ of p-valent function with negative coefficients are obtained. Also results for a family of class preserving integral operators are considered.