SOME PROPERTIES OF A CLASS OF UNIVALENT FUNCTIONS DEFINED BY SUBORDINATION PROPERTY

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Abstract

In the present paper, we introduce class of univalent functions defined by subordination property. We obtain characterizing property, growth and distortion inequalities, closure theorem, extreme points, radii of starlikeness, convexity and close-to-convexity for functions in the class $H_n(A, B, \beta, q, s)$. We also obtain neighborhood property, region of univalency and a class preserving linear operator for these functions. Interesting consequences of the results obtained are also indicated.