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PROPERTIES OF UNIVALENT FUNCTIONS BY USING DIFFERENTIAL OPERATOR

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Abstract

This paper introduces the concept of a new class of p -valent uniformly convex functions in the unit disc $U = \{z : |z| < 1\}$ by using a differential operator and obtains the coefficient bounds, extreme bounds and radius of starlikeness for the functions belonging to this new class of p -valent. Important results related to uniformly convex functions are also discussed.