HARMONIC MAPPINGS RELATED TO M-FOLD SYMMETRIC JANOWSKI STARLIKE FUNCTIONS

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Abstract. Let \( f(z) = h(z) + \overline{g(z)} \) be a harmonic mapping in the open unit disc \( D = \{ z : |z| < 1 \} \). If \( h(z) \) and \( g(z) \) are m-fold symmetric functions and at the same time \( h(z) \) is Janowski starlike functions, then we say that the class of such mappings is called harmonic mappings related to m-fold symmetric Janowski starlike functions and this class is denoted by \( S^{m}_{R}(A,B) \), \(-1 \leq B < A \leq 1\).

In the present paper we will investigate the class \( S^{m}_{R}(A,B) \).

References


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