COEFFICIENT ESTIMATES FOR SOME FAMILIES OF BI–BAZILEVIČ FUNCTIONS OF THE MA–MINDA TYPE INVOLVING THE HOHLOV OPERATOR

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Abstract. In this paper, we introduce and investigate a new subclass of the function class Σ of bi-univalent functions of the Bazilevič type defined in the open unit disk, which are associated with the Hohlov operator and satisfy some subordination conditions. Furthermore, we find estimates on the Taylor-Maclaurin coefficients $|a_2|$ and $|a_3|$ for functions in the new subclass introduced here. Several (known or new) consequences of the results are also pointed out.

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