

Certain Results of a New Class of Meromorphic Multivalent Functions Involving Ruscheweyh Derivative

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Abstract : In the present paper, we introduce and discuss a new class $K_p(\lambda, \alpha)$ of meromorphic multivalent functions in the punctured unit disk $U^* = \{z \in \mathbb{C} : 0 < |z| < 1\}$ defined by Ruscheweyh derivative. We obtain some sufficient conditions for the functions belonging to the class $K_p(\lambda, \alpha)$.

Keywords : meromorphic multivalent function, Ruscheweyh derivative, hadamard product

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