

New subclasses of meromorphic functions associated with Hadamard product

ABSTRACT

In this paper, we shall study on some new subclasses of meromorphic functions in the punctured unit disk $U = \{z: 0 < |z| < 1\}$ associated with Hadamard product by using the function $F(z) = 1/z + \sum_{n=1}^{\infty} a_n z^n$ introduced earlier by the authors [1]. We obtain some interesting results on inclusion and convolution properties of these subclasses.

Keyword: Hadamard product; Meromorphic functions; Subordination; Superordination