

# On a Subclass of Meromorphic Multivalent Functions Defined by Fractional Calculus Operators\*

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## Abstract

In this paper, a new subclass of meromorphic multivalent functions is defined by making use of a fractional differ-integral operator. The coefficient estimates, and the radii of starlikeness and convexity, for this subclass are determined. The distortion and closure theorems for the subclass are also established.

**Keywords and Phrases:** *Meromorphic function; Fractional differ-integral operator; Distortion theorem; Radii of starlikeness and convexity; Closure theorems.*

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