



**A NEW SUBCLASS OF MEROMORPHIC UNIVALENT
FUNCTIONS WITH POSITIVE COEFFICIENTS DEFINED
BY RUSCHEWEYH DERIVATIVE BY APPLYING
BESSEL'S FUNCTION AND FOURIER SERIES**

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Abstract

In this paper, we introduce a new subclass of meromorphic univalent functions with positive coefficients defined by Ruscheweyh derivative; we obtain coefficient estimates, distortion bounds and some results including applications of Bessel's function and Fourier series.

Keywords and phrases: Ruscheweyh derivative, distortion bounds, Bessel's function, Fourier series.

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