ELSEVIER
Scopus

Current   Archives   Announcements   About

Search

Home / Archives / Vol 12 No 3 (2021): Mathematics in Engineering, Science and Aerospace (MESA) / Articles

On new subclasses of meromorphically convex functions with positive coefficients

Akanksha S. Shinde
VPM's BN Bandodkar College of Science, Thane West - 422 601, Maharashtra, India.

Rajkumar N. Ingle
Bahirji Smarak Mahavidyalay, Bashmathnagar - 431 512, Hingoli Dist., Maharashtra, India.

P. Thirupathi Reddy
Kakatiya University, Warangal- 506 009, Telangana, India

🔒 PDF (USD 20)

Published
2021-08-24

Issue
Vol 12 No 3 (2021): Mathematics in Engineering, Science and Aerospace (MESA)

Section
Articles

Abstract

In this paper we introduce and study a new subclass of meromorphically uniformly convex functions with positive coefficients defined by a bessel operator and obtain

coefficient estimates, growth and distortion theorem, radius of convexity, integral transforms, convex linear combinations, convolution properties and $\delta -$neighborhoods for the class $\sigma _{p} (\alpha , \tau ,c).$

Information

Subscription

Login to access subscriber-only resources.