NOTES ON MEROMORPHIC FUNCTIONS WITH POSITIVE COEFFICIENTS DEFINED BY BESSEL FUNCTION
(Catatan Berkenaan Fungsi Meromorfi Berpekali Positif yang Ditakrif oleh Fungsi Bessel)

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ABSTRACT

In this article, a new subclass of univalent meromorphic under Bessel mapping function is defined. Some properties such as coefficient estimates, starlikeness and convexity radii, and extreme points are derived. Finally, partial sums and neighbourhood properties are given.

Keywords: meromorphic; extreme point; partial sums; neighbourhood

ABSTRAK

Dalam kertas kerja ini, suatu subkelas fungsi meromorfi univalen baharu dibawah pemetaan Bessel ditakrif. Beberapa sifat seperti anggaran pekali, jejari kebakbintangan dan kecembungan, dan titik ekstrim diperoleh. Akhir sekali, hasil tambah separa dan sifat kejiranan diberi.

Kata kunci: meromorfi; titik ekstrim; hasil tambah separa; kejiranan

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