

CERTAIN FAMILY OF MEROMORPHIC AND MULTIVALENT FUNCTIONS DEFINED BY LINEAR OPERATOR IN UNIT DISC

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Abstract

There are many subclasses of meromorphic and multivalent functions. The objective of this paper is to introduce new subclasses and we have attempted to obtain coefficient estimate, distortion theorem, radius of starlikeness, convexity and closure theorem for the classes $H^*(\alpha, \beta, \xi, \gamma)$ and $G^*(\alpha, \beta, \xi, \gamma)$.

Key Words and Phrases : *Multivalent function, Coefficient estimate, Distortion theorem, Radius of starlikeness, Linear Operator.*