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SUBCLASSES OF MULTIVALENT FUNCTIONS DEFINED BY INTEGRAL OPERATOR

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Abstract

There are many subclasses of multivalent functions. The object of this paper is to introduce new classes and we have attempted to obtain coefficient estimate, distortion theorem, radius of starlikeness, convexity and closure theorem for the classes $\Re S^q_{n,m}(\lambda, b, \delta)$ and $]\Re G^q_{n,m}(\lambda, b, \delta)$.

Key Words : *Multivalent function, Coefficient estimate, Distortion theorem, Radius of star likeness, Integral operator.*