

The Subclasses of Analytic Functions of Complex Order with Application of q -Derivative Operators

ABSTRACT

In this article, we represent A as the of analytic functions in the open unit disk. Further, new subclasses of analytic functions of complex order utilising q -derivative operator are generated. The subclasses are symbolised by $H_{q,b}(\varphi)$ and $I_{q,b}(\varphi)$. Additionally, we discover that these function classes are implicated with the Fekete-Szegő inequalities.