

**Fekete-Szegő Functional of Classes of Analytic Functions Involving the  
q-Derivative Operator**

**ABSTRACT**

Let  $A$  denote the class of functions which are analytic in the open unit disc  $U = \{z \in \mathbb{C} : |z| < 1\}$ . In this paper, we introduce new classes of analytic functions involving  $q$ -derivative operator defined on  $U$ . Furthermore, we obtain the Fekete-Szegő functional for functions  $f(z)$  belongs to these classes.