The Fekete Szegö problem for a subclass of quasi-convex functions with respect to symmetric points

ABSTRACT

The purpose of the present paper is to introduce the class $\mathrm{K}_S^*(\alpha, \beta)$, subclass of quasi-convex functions with respect to (w.r.t) symmetric points. Sharp upper bounds for an , a_n , $n = 2, 3, 4$ and the Fekete-Szegö inequalities are considered for functions belonging to the class $\mathrm{K}_S^*(\alpha, \beta)$.