

New refinements of the Hadamard's inequality on coordinated convex function

ABSTRACT

In this paper, new refinements of the Hadamard inequality on coordinated convex function are established. Besides, a simple proof of the Hadamard type for linear functions is also found. Moreover, some examples of the new refinement inequalities are given to check their validity.

Keyword: Convex function; Hermite–Hadamard inequality; Generalized convexity