Shi, Fangfang; Ye, Guoju; Zhao, Dafang; Liu, Wei
Hermite-Hadamard type inequalities about interval-valued Katugampola fractional integral.
(Chinese. English summary) | Zbl 07366862 |

Summary: In this paper, we introduce the concept of the Katugampola fractional Integral for interval-valued functions. By using the interval analysis and the interval convex functions, we obtain some Hermite-Hadamard type inequalities of the Katugampola fractional integral for interval-valued functions.

MSC:
26D15 Inequalities for sums, series and integrals
26A33 Fractional derivatives and integrals

Keywords:
Katugampola fractional integral; interval-valued function; Hermite-Hadamard type inequality