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Hermite-Hadamard type inequalities about interval-valued Katugampola fractional integral.
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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