EXTENSIONS OF THE HERMITE–HADAMARD INEQUALITY FOR CONVEX FUNCTIONS VIA FRACTIONAL INTEGRALS

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Abstract. The main aim of this paper is to give extension and refinement of the Hermite-Hadamard inequality for convex functions via Riemann-Liouville fractional integrals. We show how to relax the convexity property of the function f. Obtained results in this work involve a larger class of functions.

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