SOME k–FRACTIONAL INTEGRAL INEQUALITIES
FOR HARMONICALLY CONVEX FUNCTIONS

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Abstract. The celebrated Hadamard inequality has been studied extensively since it is established. We have found a weighted version of the Hadamard inequality for harmonically convex functions via Riemann-Liouville k-fractional integrals. Also, we have obtained some bounds of its difference. These results have some connection with fractional integral inequalities for Riemann-Liouville fractional integrals.

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