SOME REMARKS ON \((s,m)\)-CONVEXITY IN THE SECOND SENSE

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Abstract. The aim of this work is to establish several inequalities for functions whose first derivative in absolute value are \((s,m)\)-convex in the second sense. Some estimates to the left hand side of the Hermite-Hadamard type inequality for \((s,m)\)-convex functions in the second sense are given.


Keywords and phrases: Hermite-Hadamard inequality, \((s,m)\)-convex function in the second sense, convexity, Hölder’s inequality.

REFERENCES