ON WEIGHTED GENERALIZATION OF THE HERMITE–HADAMARD INEQUALITY

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Abstract. The results obtained in this paper are a correction of the main results obtained in [14], for which we also give an alternative proof and improvement. We also study some new monotonic conditions under which various generalizations of the Hermite-Hadamard inequality are valid. Furthermore, we give an improvement of the obtained results.


Keywords and phrases: Hermite-Hadamard’s inequality, generalized Hermite-Hadamard’s inequality, convex functions, positive linear functionals.

REFERENCES