

SOME NEW HERMITE–HADAMARD AND FEJER TYPE INEQUALITIES WITHOUT CONVEXITY/CONCAVITY

SHOSHANA ABRAMOVICH AND LARS-ERIK PERSSON

Abstract. In this paper we discuss the Hermite-Hadamard and Fejer inequalities vis-a-vis the convexity concept. In particular, we derive some new theorems and examples where Hermite-Hadamard and Fejer type inequalities are satisfied without the assumptions of convexity or concavity on the actual interval $[a, b]$.

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