

NEW HERMITE–HADAMARD TYPE INEQUALITIES FOR (α, m) –CONVEX FUNCTIONS AND APPLICATIONS TO SPECIAL MEANS

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Abstract. In this paper, some new results involving the left-hand side of the Hermite–Hadamard type inequalities for the class of functions whose second derivatives in absolute value at certain powers are (α, m) -convex functions are obtained. Some applications to special means of real numbers are also given.

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