ELEMENTARY PROOF OF THE LEFT MULTIDIMENSIONAL HERMITE–HADAMARD INEQUALITY ON CERTAIN CONVEX SETS

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Abstract. The left Hermite-Hadamard inequality of several variables for convex functions on certain convex compact sets is proved via elementary approach, independently of Choquet theory.


Keywords and phrases: Convex, concave function, Hermite-Hadamard inequality, mean value.

REFERENCES