

MAPPINGS CONNECTED WITH HERMITE–HADAMARD INEQUALITIES FOR SUPERQUADRATIC FUNCTIONS

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Abstract. Using some characterizations of superquadratic functions we obtain some results on two mappings H and F connected with Hermite-Hadamard inequality. Our results generalize corresponding results for convex functions. Especially, when the superquadratic function is convex at the same time, then our results represent also the refinements of those results.

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