

REFINED INEQUALITIES ON THE WEIGHTED LOGARITHMIC MEAN

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Abstract. Inspired by the recent work by R. Pal et al., we give further refined inequalities for a convex Riemann integrable function, applying the standard Hermite-Hadamard inequality. Our approach is different from their one in [9]. As corollaries, we give the refined inequalities on the weighted logarithmic mean and the weighted identric mean. Some further extensions are also given.

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