Journal of
Mathematical
Inequalities
Volume 10, Number 1 (2016), 147–157 doi:10.7153/jmi-10-12

A REFINEMENT OF THE DIFFERENCE BETWEEN TWO INTEGRAL MEANS IN TERMS OF THE CUMULATIVE VARIATION AND APPLICATIONS

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Abstract. In this paper, we establish a refinement of the difference between two integral means for functions of bounded variation in terms of the cumulative variation function. The applications for probability density functions are also given.

Mathematics subject classification (2010): 26D15, 26A45, 60E15.
Keywords and phrases: Ostrowski's inequality, integral mean, cumulative variation, function of bounded variation, probability density function.

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