

ON SOME PROPERTIES OF JENSEN–MERCER’S FUNCTIONAL

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Abstract. Motivated by results of S.S. Dragomir, J.E. Pečarić and L.E. Persson, related to superadditivity and monotonicity of discrete Jensen’s functional, in this paper we consider Jensen-Mercer’s functional, for which we state and prove analogous results. In particular, these results are obtained for Jensen-Mercer’s functional under Jensen-Steffensen’s conditions. Integral versions are also given.

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