NEW REFINEMENTS OF SOME CLASSICAL INEQUALITIES

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Abstract. In this paper a refinement of a particular case of an inequality of Radon, referred in the literature as Bergström’s inequality, is presented. Later on, this result is used to obtain refinements of some known inequalities among them the classical inequality of Cauchy. Finally, two elementary numerical inequalities are also given.

Keywords and phrases: Multivariate inequalities, Radon inequality, Bergström inequality, CBS inequality, refinements.

REFERENCES