

THE SHARPENING OF SOME INEQUALITIES VIA ABSTRACT CONVEXITY

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Abstract. One of the application areas of abstract convexity is inequality theory. In this work, the authors seek to derive new inequalities by sharpening well-known inequalities by the use of abstract convexity. Cauchy-Schwarz inequality, Minkowski inequality and well-known mean inequalities are studied in this sense, concrete results are obtained for some of them.

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