SHARP MEAN TRIANGLE INEQUALITY

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Abstract. By using a mean operator we shall present some sharp mean triangle inequalities in a Banach space which generalize the sharp triangle inequality with \( n \) elements and its reverse one shown recently by the last three authors in [7]. In the course of doing this we shall present a new two element triangle inequality with parameter and its reverse. Several applications will be given.


Keywords and phrases: triangle inequality, mean.

REFERENCES


