

ZMATH 2016e.00842

Yu, Chunhui

A note on the triangle inequality.

Math. Comput. Educ. 50, No. 2, 114-119 (2016).

From the text: This note is to show another form of the Triangle Inequality, which may be useful to instructors of this topic who would like to enrich the learning and exploring experience of their students.

Classification: I90 H30 G40 G70 I60

Keywords: inequalities; triangle inequality; new triangle type inequality; proofs; multidimensional geometry; Euclidean norm; max-min upperbound inequality; Minkowski inequality; nonnegative measurable functions; Cuchy-Schwarz type inequalities; Hölder type inequalities