

SOME GENERALIZATIONS OF NUMERICAL RADIUS INEQUALITIES FOR 2×2 OPERATOR MATRICES

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Abstract. In this paper, we present new upper bounds of numerical radius inequalities for 2×2 operator matrices based on some quantities inequalities, which generalize and refine some known results in the literature.

Mathematics subject classification (2020): 47A63, 47A30.

Keywords and phrases: Numerical radius, operator norm, operator matrices, function.

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