

عنوان مقاله:

Norm inequalities of Matrix operators

محل انتشار:

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خلاصه مقاله:

In this paper, we examine norm equalities and inequalities of operator matrix. The results point out the structure of circulant and skew operator matrix which wholly consists inequalities of weakly unitarily invariant norm. A problem which describes a operator matrix norm $\|jk A\|$ has drawn our attention to several problems that are applied in the operator theory, mathematical physics, quantum mechanics and numerical analysis. In this project, we have further considered unitarily invariant norm and Schatten p-norm, proven a number of equalities and inequalities. and expressed certain states of this type of equality and inequality

کلمات کلیدی:

Circulant operator matrix, Skew circulant operator matrix, Weakly unitarily invariant norm, Usual operator norm, Schatten p-norm

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