

عنوان مقاله:

Bounds for the Operator Norm on Weighted Cesaro Fractional Difference Sequence Spaces

محل انتشار:

مجله تحریریه ی آنالیز ریاضی سهند، دوره 20، شماره 1 (سال: 1402)

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خلاصه مقاله:

In this paper, we determine the upper and lower bounds for the norm of lower triangular matrix operators on $Ces_{\alpha}^p(w)$ weighted (p, v) -fractional difference sequence spaces of modulus functions. We consider the matrix operators acting between $\ell_p(w)$ and $C_{\alpha}^p(v, \omega, \Delta^{\alpha}(\eta, \ell), \mathcal{F})$ and identify their bounds and vice-versa. We also investigate the same characteristics for $N^{\alpha}(\eta, \ell)$ and weighted mean matrix operators.

کلمات کلیدی:

Cesaro sequence space, (η, ℓ) -fractional difference operator, Modulus function, Lower triangular matrix

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