

WEIGHTED BILINEAR DISCRETE HARDY-TYPE INEQUALITY FOR CLASS OF MATRIX OPERATOR

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Abstract. The paper contains a characterization a weighted Hardy-type inequality involving a discrete bilinear operator with a matrix a weighted Lebesgue sequence spaces.

Mathematics subject classification (2020): 26D15, 26D20.

Keywords and phrases: Hardy inequality, Hardy-type operator, bilinear operator, weight sequence, weighted sequence space.

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