EMBEDDINGS BETWEEN WEIGHTED CESÀRO FUNCTION SPACES

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Abstract. In this paper, we give the characterization of the embeddings between weighted Cesàro function spaces. The proof is based on the duality technique, which reduces this problem to the characterizations of some direct and reverse Hardy-type inequalities and iterated Hardy-type inequalities.


Keywords and phrases: Cesàro and Copson function spaces, embeddings, weighted inequalities, Hardy and Copson operators, iterated operators.

REFERENCES