

Compactness of some bounded linear operators from cs -space

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The space of sequences of bounded variation is a β -dual for the sequence space of convergent series. Both of those spaces can be represented as matrix domains of triangles, the space cs is an AK space and the space bv can be obtained from an AK space. Now, if we combine these properties with the known theory of matrix domains, we can give the representation for certain classes of bounded linear operators and get the conditions for their compactness.

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