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The Riesz core of a sequence

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Abstract

The Riesz sequence space rqc including the space c has recently been defined in [14] and its some properties have been investigated. In the present paper, we introduce a new type core, Kq -core, of a complex valued sequence and also determine the required conditions for a matrix B for which Kq -core (Bx) {square image of or equal to} K -core (x) , Kq core (Bx) {square image of or equal to} stA -core (x) and Kq -core (Bx) {square image of or equal to} Kq -core (x) hold for all $x \in \ell^\infty$.

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