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Isomorphic properties in spaces of compact operators

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Abstract: We introduce the definition of p-limited completely continuous operators, $1 \leq p < \infty$. The question of whether a space of operators has the property that every p-limited subset is relative compact when the dual of the domain and the codomain have this property is studied using p-limited completely continuous evaluation operators.

Keywords: p-limited set; limited set; space of compact operators
AMS Subject Classification: 46B20, 46B25, 46B28

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