

A property of strictly singular 1-1 operators
(joint work with Per Enflo)

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Abstract We prove that if T is a strictly singular 1-1 operator defined on an infinite dimensional Banach space X , then for every infinite dimensional subspace Y of X there exists an infinite dimensional subspace Z of X such that $Z \cap Y$ is infinite dimensional, Z contains orbits of T of every finite length and the restriction of T on Z is a compact operator.

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