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Compact endomorphisms

Definition. Compact endomorphisms of a Banach space

A bounded linear endomorphism $T \in \mathcal{B}(V)$ is called **compact** if

$$\overline{T(\overline{B_1(0)})}$$

is compact.

Proposition:

$$\overline{\mathcal{B}_{00}(V)} = \mathcal{B}_0(V)$$

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