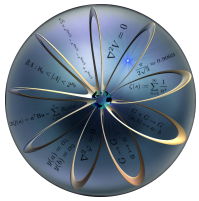

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bounded set

Canonical name	BoundedSet
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A set in a topological vector space is *bounded* if it is absorbed by every neighborhood of 0. That is, B is bounded if for every neighborhood U of 0, there is a $\delta > 0$ such that $\epsilon B \subset U$ for $0 \leq \epsilon < \delta$.