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Real interpolation and measure of weak noncompactness. (English summary)

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Let D be a bounded subset of a Banach space X . The quantity $\omega_X(D) = \inf\{\varepsilon > 0: D \subset \varepsilon \cdot U_X + W\}$, where U_X is the closed unit ball in X and $W \subset X$ is weakly compact, is called a measure of weak noncompactness of D . The authors study the interpolation properties of this quantity.

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