Public Abstract

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Title:ASYMPTOTIC UNCONDITIONALITY IN BANACH SPACES

We show that a separable real Banach space embeds almost isometrically in a space Y with a shrinking 1-unconditional basis if and only if $lim_{n to infty} |x^* + x_n^*| = lim_{n to infty}|x^* - x_n^*|$ whenever $x^* in X^*$, $(x_n^*)_{n=1}^{infty}$ is a weak*-null sequence and both limits exist.
If X is reflexive then Y can be assumed reflexive.
These results provide the isometric counterparts of recent work of Johnson and Zheng.