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Some strongly bounded classes of Banach spaces. (English) [Zbl 1115.03061](#)
Fundam. Math. 193, No. 2, 171-179 (2007).

Summary: We show that the classes of separable reflexive Banach spaces and of spaces with separable dual are strongly bounded. This gives a new proof of a recent result of *E. Odell* and *Th. Schlumprecht* [*Math. Ann.* 335, 901–916 (2006; [Zbl 1108.46007](#))], asserting that there exists a separable reflexive Banach space containing isomorphic copies of every separable uniformly convex Banach space.

MSC:

[03E15](#) Descriptive set theory

[46B03](#) Isomorphic theory (including renorming) of Banach spaces

Cited in **1** Review
Cited in **15** Documents

Keywords:

universal Banach space; strongly bounded class; Szlenk index; Effros-Borel structure

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