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Concerning weak*-extreme points. (English) [Zbl 0831.46010](#)

[Commentat. Math. Univ. Carol. 36, No. 2, 245-248 \(1995\).](#)

Summary: Every separable nonreflexive Banach space admits an equivalent norm such that the set of the weak*-extreme points of the unit ball is discrete.

MSC:

[46B20](#) Geometry and structure of normed linear spaces

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

Keywords:

[nonreflexive Banach spaces](#); [separable nonreflexive Banach space](#); [equivalent norm](#); [weak*-extreme points of the unit ball](#)

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