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Title: Grothendieck Principles for the Mackey dual of a Banach space

Abstract: Grothendieck proved that every norm compact subset of a Banach space is contained in the closed convex hull of a norm null sequence. In a recent paper by Dowling et al. an analogous result for weak compactness in a Banach space is shown to be equivalent to the Schur property. In this talk, we will present a similar type of result for the Mackey dual of a Banach space. A related result for weak*compactness will also be discussed.