

Gruenhage, Gary**A note on Gul'ko compact spaces.** (English) [Zbl 0622.54020](#)

Proc. Am. Math. Soc. 100, 371-376 (1987).

It is known that every Eberlein compact space has a dense G_δ metrizable subset. We answer a question of M. Talagrand by showing that the same is true for the wider class of Gul'ko compact spaces. We also show that Gul'ko compact spaces satisfy a certain covering property hereditarily.

MSC:[54D30](#) Compactness[46B20](#) Geometry and structure of normed linear spaces[54D20](#) Noncompact covering properties (paracompact, Lindelöf, etc.)Cited in **2** Reviews
Cited in **20** Documents**Keywords:**

dense G_δ metrizable subspace; Eberlein compacts; metalindelöf; Talagrand compact space; Corson compact spaces; weakly σ -metacompact space; weakly θ -refinable space; Gul'ko compact spaces; covering property

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