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A note on paratopological groups. (English) [Zbl 1150.54036](#)
Commentat. Math. Univ. Carol. 47, No. 4, 633-640 (2006).

Summary: In this paper, it is proved that a first-countable paratopological group has a regular G_δ -diagonal. If G is a symmetrizable paratopological group, then G is a developable space. We also discuss copies of S_ω and of S_2 in paratopological groups.

MSC:

[54H13](#) Topological fields, rings, etc. (topological aspects)

[54H99](#) Connections of general topology with other structures, applications

Cited in **2** Reviews
Cited in **18** Documents

Keywords:

paratopological group; symmetrizable spaces; regular G_δ -diagonal; weak bases; Arens space

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