

Raushan Z. Buzyakova

Spaces of continuous characteristic functions

Comment.Math.Univ.Carolin. 47,4 (2006) 599-608.

Abstract: We show that if X is first-countable, of countable extent, and a subspace of some ordinal, then $C_p(X, 2)$ is Lindelöf.

Keywords: $C_p(X, Y)$, subspace of ordinals, countable extent, Lindelöf space

AMS Subject Classification: 54C35, 54D20, 54F05