

On pairwise almost Regular-Lindelöf spaces.

ABSTRACT

In this work, we introduce and study the pairwise almost regular-Lindelöf bitopological spaces, their subspaces and subsets, and investigate some of their characterizations. We also show that a pairwise almost regular-Lindelöf property is not a hereditary property.

Keyword: Bitopological space; (i, j) -almost regular-Lindelöf; pairwise almost regular-Lindelöf; (i, j) -almost regular-Lindelöf relative; Pairwise almost regular-Lindelöf relative; (i, j) -regular open; (i, j) -regular cover.