

## On pairwise Lindelof bitopological spaces

### ABSTRACT

In this paper, we shall continue the study of bitopological separation axioms begun by Kelly and obtained some results. Furthermore, we introduce two concepts of pairwise Lindelöf bitopological spaces and the properties for them are established. We also show that a pairwise Lindelöf space is not hereditary property

**Keyword:** Bitopological space,  $p$ -compact,  $p$ -Lindelof,  $p$ -normal,  $p$ -regular,  $p_1$ -compact,  $p_1$ -Lindelof,  $p_1$ -normal