A note on pairwise continuous mappings and bitopological spaces

ABSTRACT

We continue the study of bitopological separation axioms that was begun by Kelly and obtain some results. Furthermore, we introduce a concept of pairwise Lindelöf bitopological spaces, namely, p_2-Lindelöf spaces, and their properties are established. We also show that p_2-Lindelöf is not a hereditary property. Finally, we show that p_2-Lindelöf is a p_2-topological property.