

Functions and wv -Lindelöf with respect to a hereditary class

ABSTRACT

A collection of a nonempty subsets of X is called hereditary class if it is closed under hereditary property. In this work, we define and study the notion of some generalizations of w -Lindelöf generalized topological spaces with respect to a hereditary class, namely; wv -Lindelöf hereditary generalized topological spaces. Moreover, investigate basic properties of the concepts, its relation to known concepts and its preservation by functions properties.

Keyword: Generalized topological spaces; wv -Lindelöf; Generalized continuous function

