



NEW CHARACTERIZATIONS OF PERFECTLY NORMAL SPACES

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Abstract

The definition of perfectly normal spaces uses two nonempty disjoint closed sets. What can be stated for perfectly normal spaces for finitely many nonempty mutually disjoint closed sets? In this paper, this natural question concerning perfectly normal spaces is resolved giving additional properties and characterizations of perfectly normal spaces.

Keywords and phrases: perfectly normal spaces, nonempty mutually disjoint closed sets.

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