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Pairwise $gp^{}O$ - Connectedness in bitopological spaces**

Connectedness In Bitopological Spaces

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Connectedness in Bitopological Spaces - CORE

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IDEAL SEMI CONNECTEDNESS IN BITOPOLOGICAL SPACES

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(PDF) Connectedness in (ideal) bitopological ordered spaces

Pervin [4] was first to define connectedness and components in a bitopological spaces, whereas the concept of quasi components in bitopological spaces was introduced by Reilly and Young [6]. Recently, the notions of pairwise S^*GO - connected spaces was introduced by K.Kannan [1] in bitopological spaces in 2009.

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θ -Connectedness and δ -connectedness in fuzzy bitopological ...

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In addition, a supra topology τ^*_{12} is used to study connectedness in the ideal bitopological space (X, τ_1, τ_2, I) . Examples have introduced to illustrate the concepts in a friendly way.

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A bitopological space (X, τ_1, τ_2) is said to be δ -disconnected if X can be expressed as the union of two disjoint, δ -open, non empty subsets of X . Otherwise, X is called δ -connected, i.e X is δ -connected if there does not exist disjoint, non empty, δ -open

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In this paper many types of weak open sets in bitopological spaces will be defined, Relations between those sets will be discussed, properties such as supra and infra topological structures will be determined. Also a new type of connectedness for bitopological spaces will be defined and

Weak forms of ω -open sets in bitopological spaces and ... connectedness. In [2], P-spaces and external disconnectedness are studied. Connectedness in [4-6] are used to expand some topological spaces. In [13], authors proved that neither first countable nor C -complete spaces are maximal Tychonoff connected. Many other topologists defined and studied connectedness in bitopological spaces [3, 12].

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Separation Axioms and Semi - α - Open Sets in ...

After introducing the definition of separated sets, the connectedness of a fuzzy bitopological space is discussed. A number of results are obtained. Some of them show the connectedness defined here is a "good extension"

Connectedness of Fuzzy Bitopological Spaces

We are going to establish some results of δ -semiconnectedness and compactness in a bitopological space. Besides, we will investigate several results in δ -semiconnectedness for subsets in bitopological spaces. In particular, we will discuss the relationship related to semiconnectedness between the topological spaces and bitopological space. That is, if a bitopological space is δ -semiconnected ...

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