Contra (Ti, Tj) Z_{α} -continuous and Open Mappings via (Ti, Tj) Z_{α} -open Sets in Bitopological Spaces

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ABSTRACT

The aim of the paper is to introduce and study the notion of contra (T_i, T_j) Z_{α^-} continuous maps and contra (T_i, T_j) Z_{α^-} open maps via (T_i, T_j) Z_{α^-} open sets in Bitopological spaces. Some characterizations of (T_i, T_j) Z_{α^-} continuous maps and contra (T_i, T_j) Z_{α^-} continuous maps in Bitopological spaces are discussed. Also, we characterize the connectedness between a few other open mappings that already exists and their corresponding closed mappings in Bitopological spaces.

Keywords: Bitopological spaces, Z_{α} - continuous, Z_{α} - contra continuous

