



A New Type of Weak Open Sets via Idealization in Bitopological Spaces

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Abstract

The main objective of this article is to define and study a kind of weak open sets called weakly bI -open sets with respect to an ideal in bitopological spaces. Additionally, we introduce some basic features of this notion.

Keywords: $(\mathfrak{I}_i, \mathfrak{I}_j)$ - bI -open sets; $(\mathfrak{I}_i, \mathfrak{I}_j)$ - WbI -open sets; $(\mathfrak{I}_i, \mathfrak{I}_j)$ - WbI -closed sets.