In this paper, we introduced a new type of separation axiom in bitopological spaces called quasi space in terms of the concept of quasi open sets and quasi kernel and investigate some
of their fundamental properties. Also we introduced and studied some new notions in bitopological spaces by utilizing quasi open sets.

References


Index Terms

Computer Science  
Applied Mathematics

Keywords

Quasi open sets  
quasi $\text{T}_{1/2}^{*}$ space

quasi $\text{T}$ space

weakly quasi separated sets