Abstract

In this paper, we introduce the notion of $p$-separated soft sets based on the soft space $(X, \eta_{12}, E)$ which generate by soft bitopological space $(X, \eta_1, \eta_2, E)$ and study some of its properties. Based on this notion we introduce the notions of $p$-soft connected(disconnected) spaces and study some of their characterizations and properties. Also, we study the connected of $p$-soft sets by using the soft space $(X, \eta_{12})$. 
Pairwise Soft Connected in Soft Bitopological Spaces

Some examples have given to support these concepts.

References

Pairwise Soft Connected in Soft Bitopological Spaces

2666–2672.

Index Terms

Computer Science

Applied Mathematics

Keywords

Soft set; Soft topology; Soft bitopological spaces;