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 \((X, \eta_{12}, E)\).
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;