

On G continuity in neutrosophic soft spaces

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Abstract

In this paper, we introduce the concept of neutrosophic G -sequential continuity as a new tool to further studies presenting the definitions of neutrosophic soft sequence, neutrosophic soft quasi-coincidence, neutrosophic soft q -neighborhood, neutrosophic soft cluster point, neutrosophic soft boundary point, neutrosophic soft sequential closure, neutrosophic soft group, neutrosophic soft method, which constitute a base to define the concepts of neutrosophic soft G -sequential closure, neutrosophic soft G -sequential derived set, G -sequentially neutrosophic soft compactness of a subset of a neutrosophic soft topological space. Their characters are analyzed and some implications are given. A counterexample to each implication is also given.

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