

SUPRA B-OPEN SOFT SETS AND SUPRA B-SOFT CONTINUITY ON SOFT TOPOLOGICAL SPACES

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ABSTRACT

In the present paper, we continue the studying on supra soft topological spaces [6] and investigate the properties of supra b -open (closed) soft sets and supra b -soft interior (closure). In particular, we study the relationship between supra b -soft interior and supra b -soft closure. Moreover, we introduce the relations between the class of supra b -open soft sets and some special subsets of a supra soft topological space (X, μ, E) mentioned in [6], supported by counter examples. Further, we introduce the concepts of supra b -continuous soft functions, Supra b -open soft functions, supra b -closed soft functions and study some of their properties in detail.

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