

SOME PROPERTIES OF SOFT PROXIMITY SPACES

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Abstract

In this work, we continue investigating the properties of soft proximity spaces. Also, we give the notion of a soft δ -neighborhood in soft proximity spaces and obtain a few results analogous to the ones that hold for δ -neighborhood in proximity spaces. Moreover, we show that each soft uniform space on X induces a soft proximity space on the same set. Finally, we prove the existences of initial soft proximity spaces.

Keywords: soft set, soft proximity, soft δ -neighborhood, initial soft proximity.

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