

NEUTROSOPHIC FILTERS

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ABSTRACT

In this paper we introduce the notion of filters on neutrosophic set which is considered as a generalization of fuzzy filters studies in [6], the important neutrosophic filters has been given. Several relations between different neutrosophic filters and neutrosophic topologies are also studied here. Possible applications to computer sciences are touched upon.

KEYWORDS: Fuzzy Filters, Neutrosophic Sets, Neutrosophic Filters, Neutrosophic Topology, Neutrosophic Ultrafilters