SOME WEAKER FORMS OF FUZZY $\alpha$-CONTINUOUS MAPPINGS

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Abstract

In this paper, the notions of fuzzy almost $\alpha$-continuity and fuzzy weakly $\alpha$-continuity are introduced. Certain fundamental properties and some new results related to these notions are obtained.

Key Words: Fuzzy topology, Fuzzy $\alpha$-open set, Fuzzy $\alpha$-continuous mapping, Almost continuous mapping, fuzzy weakly continuous mapping, Fuzzy almost $\alpha$-continuous mapping, Fuzzy weakly $\alpha$-continuous mapping.

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