

TRANSITIVE AND ACYCLIC RATIONALITY OF FUZZY CHOICE FUNCTION

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Abstract

In this paper we introduce three new axioms namely fuzzy $T-$, $D-$, A -congruence axioms and characterize G-rational fuzzy choice function with reflexive, complete and transitive (or cyclic) rationalization.

Key Words : Fuzzy preference relation, Fuzzy choice function, Rational fuzzy choice function, Fuzzy $T-$, $D-$, A and A-congruence axioms.

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