

# Intuitionistic Fuzzy Ideal Extensions of $\Gamma$ -Semigroups

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In this paper the concept of the extensions of intuitionistic fuzzy ideals in a semigroup has been extended to a  $\{\Gamma\}$ -Semigroups. Among other results characterization of prime ideals in a  $\{\Gamma\}$ -Semigroups in terms of intuitionistic fuzzy ideal extension has been obtained.

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