

## عنوان مقاله:

Fuzzy weakly prime  $\Gamma$ -ideals in  $\Gamma$ -rings

## محل انتشار:

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## نویسندگان:

Gülşah Yeşilkurt - Department of Mathematics, University of Yildiz Technical University, P.O.Box XXXX, Istanbul, Turkey

SERKAN ONAR - Yildiz Department of Mathematics, University of Yildiz Technical University Istanbul, Turkey  
Technical University

Deniz Şonmez - Department of Mathematics, University of Yildiz Technical University, Istanbul, Turkey

Bayram Ersoy - Department of Mathematics, Yildiz Technical University, 11270 Istanbul, Turkey

## خلاصه مقاله:

In this work, we investigate fuzzy weakly prime  $\Gamma$ -ideal, fuzzy partial weakly prime  $\Gamma$ -ideal and fuzzy semiprime  $\Gamma$ -ideal of a commutative  $\Gamma$ -ring with nonzero identity. We obtained some characterizations of fuzzy weakly prime  $\Gamma$ -ideal, partial weakly prime  $\Gamma$ -ideal and semiprime  $\Gamma$ -ideal of a  $\Gamma$ -ring. Also some properties of these concepts have been studied.

## کلمات کلیدی:

fuzzy prime ideal, Fuzzy Weakly Prime Ideal, Fuzzy Weakly Prime  $\Gamma$ -Ideal, Fuzzy Partial Weakly Prime  $\Gamma$ -Ideal, Fuzzy Weakly Semiprime  $\Gamma$ -ideal

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