

## عنوان مقاله:

Intuitionistic fuzzy weakly prime ideals

## محل انتشار:

مجله ابرساختارها، دوره 6، شماره 0 (سال: 1396)

تعداد صفحات اصل مقاله: 10

## نویسندگان:

Tuğba Arkan - *Department of Mathematics, Yildiz Technical University, P.O.Box ۳۴۲۲۰, Istanbul, Turkey*

Serkan Onar - *Department of Mathematics, Yildiz Technical University, P.O.Box ۳۴۲۲۰, Istanbul, Turkey*

Deniz Sönmez - *Department of Mathematics, Yildiz Technical University, P.O.Box ۳۴۲۲۰, Istanbul, Turkey*

Bayram Ersoy - *Department of Mathematics, Yildiz Technical University, ۸۱۲۷۰ Istanbul, Turkey*

## خلاصه مقاله:

In this study, the fundamental definitions and theorems regarding intuitionistic fuzzy sets and intuitionistic fuzzy ideals of commutative ring  $R$  with identity have been given as preliminaries. After the preliminaries, we introduce the notions of intuitionistic fuzzy weakly prime ideals, intuitionistic fuzzy partial weakly prime ideals, intuitionistic fuzzy weakly semiprime ideals of  $R$ . Also, we give some relations between intuitionistic fuzzy weakly prime ideals and weakly prime ideals of  $R$ .

## کلمات کلیدی:

Intuitionistic fuzzy weakly prime ideal, Intuitionistic fuzzy partial weakly prime ideal, Intuitionistic fuzzy weakly semiprime ideal

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1902707>

