

عنوان مقاله:

On Υ -absorbing and weakly Υ -absorbing principally right primary ideals

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خلاصه مقاله:

Let R be a noncommutative ring. The purpose of this note is to investigate the concept of Υ -absorbing (resp., weakly Υ -absorbing) p right primary ideals generalizing Υ -absorbing (resp., weakly Υ -absorbing) ideals of noncommutative rings. From Birkenmeier we have that for commutative rings the notions of primary rings (ideals) coincide with p right primary rings (ideals). Hence all results about Υ -absorbing and weakly Υ -absorbing primary ideals for commutative rings will follow as special cases from results proved in this note. A number of results concerning Υ -absorbing (resp., weakly Υ -absorbing) p right primary ideals are given, generalizing the corresponding results from commutative rings to noncommutative rings.

کلمات کلیدی:

right primary, weakly right primary, strongly p -nilary, prime ideal

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