



FUZZY GAMMA-IDEAL EXTENSIONS IN GAMMA-RINGS

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Abstract

The concept of the extension of a fuzzy right (resp. left) Γ -ideal in a Γ -ring is introduced, and some properties concerning this notion are discussed. Using the notion of fuzzy right (resp. left) Γ -ideals, a congruence on a Γ -ring is established.

Keywords and phrases: Γ -ring, left (resp. right) Γ -ideal, homomorphism, right (resp. left) extension.

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