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ON BI Γ -IDEALS OF Γ -SEMI GROUPS

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Abstract

In this paper some properties and characterizations of bi Γ -ideals of Γ - semi groups have been taken into account. We have shown that every bi Γ -ideal of Γ - semi group S is minimal bi Γ -ideal of S if and only if $B = A\Gamma S\Gamma a$ for all $a \in S$. We also discuss some properties of bi simple Γ -semi group.

Key Words : Γ-semi groups, bi Γ-ideal, minimal bi Γ-ideal, bi simple Γ-semi group.

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