

A STUDY ON THE JACOBSON RADICAL OF A TERNARY Γ -SEMIRING

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ABSTRACT

In this paper we will study the Jacobson radical of a ternary Γ -semiring by using ternary Γ -semi modules. In section 2, we first give some preliminaries. In section 3, we will introduce and study the primitive ternary Γ -semiring. In section 4, we will study the Jacobson radical of a ternary Γ -semiring and the Jacobson semi simple ternary Γ -semiring

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