ON IDEALS IN REGULAR TERNARY SEMIGROUPS

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Abstract

In this paper we study some interesting properties of regular ternary semigroups, completely regular ternary semigroups, intra-regular ternary semigroups and characterize them by using various ideals of ternary semigroups.

Keywords: ternary semigroup, ternary group, regular ternary semigroup, completely regular ternary semigroup, intra-regular ternary semigroup, semiprime ideal, bi-ideal.

2000 Mathematics Subject Classification: 20M17.

References


Received 27 June 2007
Revised 31 July 2007