International J. of Math. Sci. & Engg. Appls. (IJMSEA)
ISSN 0973-9424, Vol. 4 No. V (December, 2010), pp. 25-34

# CHARACTERIZATION OF A CLASS OF MINIMAL RIGHT IDEALS OF LOOP-HALF-GROUPOID-NEAR-RING OF TRANSFORMATIONS

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**Abstract**

The study of near-ring of transformations was initiated by Ramakotaiah and G. K. Rao [2]. In their paper they characterized a class of maximal and minimal right ideals. The study of loop-near rings was initiated by Ramakotaiah and Santakumari [4]. The study of loop-half-groupoid near rings was initiated by Ramakotaiah and Prabhakar Rao [3]. In this paper we continue the study of loop-half-groupoid near-rings. This paper is divided into three sections. In section 1, we present some basic definitions of loop-half-groupoid near-rings and some basic results without proofs. In section 2 we present some basic results without proofs which are necessary for our main work. In section 3 we characterize a class of minimal right ideals of a loop-half-groupoid near rings of transformations of a loop.

Key Words : Loop-half-groupoid near-rings, Minimal right ideals.

2000 Mathematics Subject Classification: 16Y30.

Ascent Publication House: http:// www.ascent-journals.com