Abstract

In this paper, we made an attempt to study the algebraic nature of anti fuzzy sub-bigroup of a bigroup and anti fuzzy sub-bigroup of a group and discussed some of its properties with counter example.

2000 Mathematics Subject Classification: 22F05, 06F10.

Reference

- Mohamed Asaad, Groups and Fuzzy subgroups Fuzzy sets and systems 39 (1991)
A Study on Anti Fuzzy Sub-Bigroup

323-328.

**Index Terms**

Computer Science Mathematical

Analysis

**Key words**

Fuzzy set

anti fuzzy subgroup

anti fuzzy sub-bigroup of a bigroup

anti fuzzy sub-bigroup of a group

bi-lower level subset

homomorphism, anti-homomorphism