Abstract

This paper contains some definitions and results of anti L-fuzzy M-cosets of a M-group and generalized characteristic anti L-fuzzy M-subgroup of a M-group. Using homomorphism and anti-homomorphism in anti L-fuzzy M-cosets of a M-group is studied. Some properties of anti L-fuzzy M-cosets of a M-group are also established.

Reference

- L.A. Zadeh, Fuzzy sets, Information and control, 8, (1965) 338-353.

**Index Terms**

Computer Science  
Algorithms

**Key words**

L-fuzzy subset  
homomorphism  
anti-homomorphism  
anti L-fuzzy  
M-subgroup  
anti L-fuzzy M-coset  
pseudo anti L-fuzzy M-coset  
anti L-fuzzy M-Middle coset  
generalized characteristic anti L-fuzzy M-subgroup