Turkish Journal of Mathematics

Keywords
Authors

On Fuzzy Cosets of Gamma Nearrings

Satyanarayana BHAVANARI
Department of Mathematics,
Nagarjuna University,
Nagarjuna Nagar--522 510, INDIA.
e-mail: bhavanari2002@yahoo.co.in.
Syam Prasad KUNCHAM
Department of Mathematics,
Manipal Institute of Technology,
Manipal Academy of Higher Education,
Manipal - 576 119, INDIA
e-mail: drkuncham@yahoo.com.

Abstract: In this paper, we consider fuzzy notion of a Γ-near ring, introduce the notion of a fuzzy coset and obtained some related important fundamental isomorphism theorems.

Key Words: Gamma nearring, ideal, fuzzy ideal, fuzzy coset, Gamma nearring homomorphism