Abstract

In this paper, we introduce the notion of anti-fuzzy KUS-ideals in KUS-algebra, several appropriate examples are provided and their some properties are investigated. The image and the inverse image of anti-fuzzy KUS-ideals in KUS-algebra are defined and how the image and the inverse image of anti-fuzzy KUS-ideals in KUS-algebra become anti-fuzzy KUS-ideals are studied. Moreover, the cartesian product of anti-fuzzy KUS-ideals are given.

References

- Kumbhojkar H. V. and Bapat M. S., Not-so-fuzzy fuzzy ideals, fuzzy sets and systems,
Anti-fuzzy KUS-ideals of KUS-algebras


Index Terms

- Computer Science
- Fuzzy Systems

Keywords

- KUS-ideals
- fuzzy KUS-ideals
- anti-fuzzy KUS-ideals
- image and pre-image of anti-fuzzy KUS-ideals