Abstract

In this article, the conjugate of fuzzy matrices based on reference function and some of its properties are taken into consideration. In dealing with these, use the representation of fuzzy matrices with the help of reference function is considered. Thereafter, addition and multiplication are defined accordingly.

References

- Kim, J. B. , and Baartmans. , Determinant Theory for Fuzzy Matrices, Fuzzy Sets and Systems

**Index Terms**

Computer Science  
Fuzzy Systems  

**Keywords**  
Reference function  
fuzzy matrix  
conjugate fuzzy matrix  
determinant of fuzzy matrix  
transpose of fuzzy matrix.