Abstract

H. Sherwood (4) introduced the concept of product of fuzzy groups (Fuzzy sets & fuzzy systems) and its properties. We define a new class of fuzzy groups called fuzzy dot group which is weaker than the standard fuzzy group defined by Rosenfeld (2) and characterize some properties of fuzzy dot groups.
Reference


Index Terms

Computer Science Fuzzy Systems

Key words

fuzzy group fuzzy dot group standard fuzzy group
d-fuzzy groupoid
homomorphism's
direct product