Abstract

In this paper, the concept of hypergraph was extended to fuzzy hypergraph and paper discusses the connectedness of isomorphic fuzzy hypergraph. Image of strong arc under isomorphism and co-weak isomorphism are studied. Some properties of strong fuzzy hypergraphs are discussed. The image of strong fuzzy hypergraph under isomorphism, co-weak isomorphism and weak isomorphism is also studied.

References


Index Terms

Computer Science  Fuzzy Systems

Keywords
fuzzy hypergraphs  strong arc  complement  isomorphism