Application of Intuitionistic Fuzzy Multisets in Appointment Process

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Authors:

P. A. Ejegwa, L. N. Kwarkar, K. N. Ihuoma

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Abstract

In this paper, a precise note on intuitionistic fuzzy multisets is given and the concept is applied to appointment process. This process was carried out assuming three sets of 10-man committees screened five candidates vying for positions in an organization independently to obtain intuitionistic fuzzy multi-data. The obtained data are compared with the organization requirements of appointments via a new distance measure.

References


Index Terms

Computer Science | Fuzzy Systems
Keywords

Fuzzy multisets, intuitionistic fuzzy sets, intuitionistic fuzzy multisets, intuitionistic fuzzy sets, appointment process, distance measures.