Abstract

The paper introduces two new parametric generalizations of one of existing norm fuzzy information measures with the proof of their validity. In addition, particular cases and important properties of the proposed measures are discussed. A numerical example is given to establish the similarity between the proposed norm fuzzy information measures with one of the existing norm fuzzy information measures. Further, a comparison among them is shown with the help of a table and graph.
Slovaca. 54, 315–325.

Index Terms

Computer Science Fuzzy Systems

Keywords

Fuzziness Fuzzy set Fuzzy measure of information norm fuzzy information measure.