Abstract

Since the world is full of indeterminacy, the neutrosophics found their place into contemporary research. In this paper we, introduce the distances between neutrosophic sets: the Hamming distance, The normalized Hamming distance, the Euclidean distance and normalized Euclidean distance. We will extend the concepts of distances to the case of neutrosophic hesitancy degree. Added to, this paper suggest how to enrich intuitionistic fuzzy querying by the use of neutrosophic values.

References

Distances, Hesitancy Degree and Flexible Querying via Neutrosophic Sets

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**Index Terms**

Computer Science
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**Keywords**

Neutrosophic Sets; Hamming distance; Euclidean Distance; Normalized Euclidean Distance; Intuitionistic Fuzzy Querying; Querying Databases; Neutrosophic Querying.