Abstract

This article analyses the algorithm for Medical Diagnostic Reasoning based on the new Similarity measure of Fuzzy sets. The new Similarity measure is based on the fact that Fuzzy membership function and Fuzzy membership value for the complement of a Fuzzy set are two different things. In this paper, the analysis of the algorithm is carried out using Big O notation to find the order of growth for it.

References

Analysis of the Algorithm for Medical Diagnostic Reasoning based on the New Similarity Measure of Fuzzy Set

- Eulalia Szmidt, Janusz Kacprzyk, &quot;Medical Diagnostic Reasoning Using a Similarity Measure for Intuitionistic Fuzzy Sets&quot;; Eighth Int. Conf. on IFSs, Varna, 20-21 June 2004, NIFS Vol. 10 (2004), 4, 61-69.

Index Terms
Computer Science
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Fuzzy set  Complement of a Fuzzy set  Fuzzy membership value  Fuzzy
membership function
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