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

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Index Terms

Computer Science
Algorithms

Keywords
Fuzzy set  Complement of a Fuzzy set  Fuzzy membership value  Fuzzy
member function

Fuzzy reference function

Similarity measure

Medical Diagnostic reasoning

Time Complexity.