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 Set

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**Index Terms**

Computer Science

Algorithms

**Keywords**

Fuzzy set Complement of a Fuzzy set Fuzzy membership value Fuzzy
membership function
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Time Complexity.