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

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Index Terms

Computer Science Algorithms

Keywords

Fuzzy set, Complement of a Fuzzy set, Fuzzy membership value, Fuzzy
membership function

Fuzzy reference function

Similarity measure

Medical Diagnostic reasoning

Time Complexity.