Abstract

We propose a type-2 based clustering algorithm to capture data points and attributes relationship embedded in fuzzy subspaces. It is a modification of Gustafson Kessel clustering algorithm through deployment of type-2 fuzzy sets for high dimensional data. The experimental results have shown that type-2 projected GK algorithm perform considerably better than the comparative techniques.

References


Index Terms

Computer Science
Algorithms
Keywords

Type-2, Subspace Clustering, Gustafson Kessel