Abstract

In the present communication, we have introduced two new parametric generalizations of some existing measures of fuzzy information and two parametric directed divergence measures with the proof of their validity. We studied some measures of total ambiguity and new generalized measures of fuzzy information improvement. Further, particular cases of fuzzy
entropy and directed divergence measures are also discussed.

Reference


Index Terms

Computer Science  
Fuzzy Systems
Key words

Fuzzy Sets       Fuzzy information measure
Directed Divergence

Total ambiguity

Fuzzy Information improvement measure