



NEW FUZZY MEASURES OF DIRECTED DIVERGENCE

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ABSTRACT

The mathematical models measuring distance in the probability spaces are important because of their applications in real life situations. But there are situations where probability theory ceases to work and one has to explore the possibilities of fuzzy set theory. The present communication is a step in developing many new mathematical models measuring distance in non probabilistic spaces. The models introduced provide a good contribution to the literature of fuzzy measures and find tremendous applications in a variety of engineering, social, economic and mathematical sciences.