

Equivalence measures for Atanassov intuitionistic fuzzy setting used to algorithm of image processing

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In this paper, the issue of measuring the degree of inclusion and equivalence measure for Atanassov intuitionistic fuzzy setting is considered. We propose an application of the inclusion and equivalence measures created by using the partial or linear order on Atanassov intuitionistic fuzzy setting. Moreover, some properties of inclusion and equivalence measures and some correlation between them and aggregation operators are examined and their possible application in image processing is indicated.

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