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Analogous likeminded m-distance metric associated with kl-distance metric in if-settings

Kanchan Yadav

Assistant Professor, Department of Mathematics,
Bhopal Institute of Science and Technology, Bhopal, Madhya Pradesh

Corresponding Author: Kanchan Yadav
Email: kanchanyadav316@gmail.com

Abstract:

Right here, a way for developing new metrics for intuitionistic fuzzy M-distance (divergence) is suggested. A opportunity distribution's distance from $P = p1,\dots,n$ to some other chance distribution $Q = q1,\dots,qn$ is measured the use of the M-distance (divergence) metric when the chances in each distributions are monotonically growing or monotonically lowering. Within the discipline of picture segmentation, the intuitionistic fuzzy M - distance (divergence) metric has an expansion of makes use of. The suggested answer additionally separates and minimizes the imperfect and best threshold pix.

Keywords:

Intuitionistic fuzzy set, M-distance (divergence), Image segmentation, Convex function, Monotonic function etc.