

Generalized ideal statistically convergent functions in intuitionistic fuzzy n -normed space

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ABSTRACT. In this paper, using the notation of (V, λ) and λ -statistical convergence, we introduce $[V, \lambda](\mathcal{I})$ -summability and $\mathcal{I}_\lambda$ -statistical convergence of a nonnegative real-valued Lebesgue measurable function on the interval $(1, \infty)$ with respect to the intuitionistic fuzzy n -norm (μ, ν) . We mainly investigate the relation between these two new methods as also the relation between $\mathcal{I}_\lambda$ -statistical convergence and $\mathcal{I}$ -statistical convergence in intuitionistic fuzzy n -normed space (μ, ν) .

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