On Generalized Difference Sequence Spaces Defined By An Orlicz Function and Statistical convergence

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Abstract

In this talk, we define the sequence spaces $[V,\lambda,M,p]_0(\Delta^r,E,u)$, $[V,\lambda,M,p]_1(\Delta^r,E,u)$ and $[V,\lambda,M,p]_\infty(\Delta^r,E,u)$ that arise from the concept of difference sequences Kizmas [Cand. Math. Bull.24 (1981) ,169-176] defined by Orlicz function. We also study the concept of Statistical convergence and discuss some inclusion relations between these sequence spaces.

References :

1. H Fast: Sur la convergence statistique, Collaq. Math. 2(1951), 211-214.

2. H Kizmas. On certain sequence spaces, Cand. Math. Bull. 24 (1981), 169-176.

3. Chishti T A & Mursaleen: strongly σ – convergent sequences defined by Orlicz functions, Journal of Analysis, 7(1999),213-218.