

ON SOME NEW SEQUENCE SPACES OF INVARIANT MEANS DEFINED BY ORLICZ FUNCTIONS

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Abstract. The purpose of this paper is to introduce and study some sequence spaces which are defined by combining the concepts of a Orlicz function, invariant mean and lacunary convergence. We also examine some topological properties of these spaces and establish some elementary connections between lacunary $[w]_{\sigma}$ -convergence and lacunary $[w]_{\sigma}$ -convergence with respect to an Orlicz functions which satisfy a Δ_2 -condition.

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