ON SOME CLASSES OF SEQUENCES DEFINED BY SEQUENCES OF ORLICZ FUNCTIONS

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Abstract. In this paper we introduce some new seminormed sequence spaces using a sequence of Orlicz functions and examine some properties of these sequence spaces. Furthermore we introduce $\Delta_{\mathcal{I}}^m\mu$ -- statistical convergence and give a relation between $\Delta_{\mathcal{I}}^m\mu$ -- statistical convergence and strongly $\Delta_{\mathcal{I}}^m\mu$ -- Cesàro summable sequences with respect to an Orlicz function.

Key words and phrases: Orlicz function, sequence spaces, seminorm, statistical convergence.

REFERENCES