

A generalization of \mathcal{I} -asymptotically Lacunary statistical equivalence of sequences of sets

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Abstract

This paper presents, for sequences of sets, a generalization of the concept of \mathcal{I} -asymptotically lacunary statistical equivalence by using the sequence $p = (p_k)$ which is the sequence of positive real numbers where \mathcal{I} is an ideal of the subset of \mathbb{N} .

Keywords: *Asymptotically equivalence; Statistical convergence; \mathcal{I} -convergence; Lacunary sequence; Cesàro summability; Sequences of sets; Wijsman convergence*