



## An extension asymptotically Lacunary statistical equivalent set sequences

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**Abstract:** This paper presents, for sequences of sets, the notions of asymptotically lacunary statistical equivalent (Wijsman sense) of multiple  $L$ , strongly asymptotically lacunary  $p$ -equivalent (Wijsman sense) of multiple  $L$  and strongly Cesàro asymptotically  $p$ -equivalent (Wijsman sense) of multiple  $L$ . In addition to these definitions inclusion theorems are also presented.

**Keywords:** Asymptotically equivalent, Statistical convergence, Lacunary sequences, Sequences of sets, Cesàro summability, and Wijsman convergence.