

On Strongly \mathcal{I} and \mathcal{I}^* -Lacunary Convergence of Sequences of SetsYurdal SEVER¹, Uğur ULUSU², Erdinç DÜNDAR³*Department of Mathematics, Afyon Kocatepe University, Afyonkarahisar, Turkey*¹*E-mail: yurdalsever@hotmail.com, ysever@aku.edu.tr*²*E-mail: ulusu@aku.edu.tr*³*E-mail: erdincludandar79@gmail.com, edundar@aku.edu.tr*

Abstract: In this paper we study the concepts of Wijsman strongly lacunary convergence, Wijsman strongly \mathcal{I} -lacunary convergence, Wijsman strongly \mathcal{I}^* -lacunary convergence and Wijsman strongly \mathcal{I} -lacunary Cauchy sequences of sets and investigate the relationship between them.

Keywords: Lacunary sequence, \mathcal{I} -convergence, sequence of sets, Wijsman convergence.

2010 Mathematics Subject Classification: 40A05, 40A35.

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