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New Definitons About A^I - Statistical Convergence with Respect to a Sequence of Modulus Functions and Lacunary Sequences

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Abstract: In this study, we introduce the notion of A^{I}-lacunary statistical convergence, strongly A^{I}-lacunary convergence with respect to a sequence of modulus functions. We study some collections between them. Also, we give some inclusion relations between A^{I}-lacunary statistical convergence, A^{I}-statistical convergence with respect to a sequence of modulus functions.

Keywords: Lacunary Sequence, Ideal Convergence, Modulus Function.

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