FURTHER RESULTS ON CONVERGENCE OF SEQUENCES IN GRADUAL NORMED LINEAR SPACES

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Abstract. In this paper, we put forward the concept gradually \((\lambda, \mu)\)-statistical convergence. We investigate inclusion relations between sets of gradually statistically convergent and gradually \((\lambda, \mu)\)-statistically convergent double sequences. Additionally, we explore its connections with gradually statistical convergence, strongly Cesàro summability, and gradually strongly \((V, \lambda, \mu)\)-summability in gradual normed linear spaces (GNLS).

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