ROUGH STATISTICAL CONVERGENCE OF SEQUENCES OF FUZZY NUMBERS

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Abstract. In this paper we introduce the notion of rough statistical convergence in the fuzzy setting, which generalizes rough convergence of sequences of fuzzy numbers. We define the set of rough statistical limit points of a sequence of fuzzy numbers and prove some results associated with these notions.

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Key words. Fuzzy number sequence, rough convergence, statistical convergence, statistical cluster points.

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