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ON SOME NEW SEQUENCE SPACE OF FUZZY NUMBERS DEFINED BY ORLICZ FUNCTION

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Abstract

The study of Orlicz sequence spaces was initiated with specific purpose in Banach space theory. The purpose of this paper is to introduce a new sequence space which arises from the notion A-transform and the concept of an Orlicz function. Some topological properties of this space were examined and some elementary connections about this space were established.

Key Words : *Fuzzy number, Orlicz function, Hahn sequence space, Solidity, Symmetricity, Completeness.*

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