

SUMMABILITY IN TOPOLOGICAL SPACES

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ABSTRACT. The main purpose of the talk is to consider the notion of summability in abstract Hausdorff topological spaces so that the purely topological notions and purely summability notions could be separated. We give a characterization of such summability methods when the topological space allows a countable base. We also provide several invariant Tauberian theorems in topological structures. Some open problems are discussed.

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