



## LIMIT THEOREMS FOR TOPOLOGICAL GROUP-VALUED MEASURES WITH RESPECT TO FILTER CONVERGENCE

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**ABSTRACT.** *Some Nikodým boundedness and limit theorems for topological group-valued measures are proved in the context of filter convergence.*

**KEY WORDS:** *topological group, filter, filter convergence, Brooks-Jewett theorem, Nikodým boundedness theorem, Stone Isomorphism Theorem.*

**CLASSIFICATION:** *119*

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