

AUTHOMATIC CONTINUITY OF MEASURABLE HOMOMORPHISMS BETWEEN TOPOLOGICAL GROUPS

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- Theorem 1.** (1) *Every Haar-measurable homomorphism from a locally compact group to any topological group is continuous.*
- (2) *Every BP-measurable homomorphism from any ω -narrow Čech-complete group to any topological group is continuous.*
- (3) *Every Borel homomorphism from any Čech complete group to any topological group is continuous.*

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