

## More on generalized topological groups

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### ABSTRACT.

In the paper [Hussain, M., Khan, M. and Özel, C., *On Generalized Topological Groups*] we defined the generalized topological group structure and we proved some basic results. In this work we introduce the notions of ultra Hausdorffness and ultra  $\mathcal{G}$ -Hausdorffness and we give the relation between the ultra  $\mathcal{G}$ -Hausdorffness and  $\mathcal{G}$ -compactness.

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