

On the sets of uniqueness in noncommutative locally compact groups in the sense of Marek Bożejko

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Abstract

Let G be a locally compact group and $1 < p < \infty$. We show that a closed subgroup H of G is a set of p -uniqueness if and only if H is locally negligible. We also obtain, in analogy with the case of sets of synthesis, an inverse projection theorem for sets of p -uniqueness.