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Complexity of weakly almost periodic functions

Given a group G one can consider the Banach algebra formed by the dual of the group algebra $\ell_1^{**}(G) = \ell_1(G)$. In determining when the two Arens products on this algebra agree, it is natural to consider the complexity of the weakly almost periodic functions as a subset of $\ell_\infty(G)$. This talk will discuss some calculations for specific groups.