The group $c_0(X)$ of null sequences of a topological group X

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If \mathbb{T} denotes the circle group, and $G := c_0(\mathbb{T})$ the group of its null sequences endowed with the uniform topology, then G is a Pontryagin reflexive metrizable monothetic group with some striking properties which make it paradigmatic. In this talk we shall concentrate on cardinality aspects of its dual group G^{\wedge} , and we will study groups of the form $c_0(X)$ where X is a compact metrizable topological group.

References

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