SALVADOR HERNANDEZ, Universitat Jaume I
Duality methods in topological abelian groups

We report on some results around the duality theory of topological abelian groups. In particular, the properties of determined groups and the application of duality methods in the computation of some topological invariant cardinals will be mainly discussed.

This is a joint research with María V. Ferrer. A part of this talk also concerns several research projects accomplished with different authors: C. Chis, S. Macario, J. Trigos-Arrieta, and B. Tsaban.