

1135-22-447

Peter Loth* (lothp@sacredheart.edu), Sacred Heart University, Department of Mathematics, 5151 Park Avenue, Fairfield, CT 06825. *Invariants of the duals of Warfield groups*. Preliminary report.

Warfield groups are direct summands of simply presented abelian groups or, alternatively, are abelian groups possessing a nice decomposition basis with simply presented cokernel. They were classified up to isomorphism in terms of cardinal invariants by Warfield in the local case, and by Stanton and Hunter-Richman in the global case. In this talk, we classify up to topological isomorphism the (compact) Pontrjagin duals of Warfield groups, dualizing Stanton's invariants. (Received September 04, 2017)