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Hausdorff and packing dimension of fibers and graphs of prevalent continuous maps

The notions of shyness and prevalence generalize the property of being zero and full Haar measure to arbitrary (not necessarily locally compact) Polish groups. The main goal of this talk is to answer the following question: What can we say about the Hausdorff and packing dimension of the fibers of prevalent continuous maps? The results of this talk appeared in [1].

Reference

- [1] Balka, Richárd; Darji, Udayan B.; Elekes, Márton, *Hausdorff and packing dimension of fibers and graphs of prevalent continuous maps*, Adv. Math. 293 (2016), 221-274.