Generic classes of measure preserving transformations

WEISS Benjamin

The Hebrew University of Jerusalem, Israel
E-mail benjamin.weiss1@mail.huji.ac.il

I will discuss some new results on various generic classes of measure preserving transformations that were recently obtained together with Eli Glasner and Jean-Paul Thouvenot. For example we show that being a relatively weakly mixing extension is a comeager property in the Polish group of measure preserving transformations. I will also discuss generic properties of extensions of a fixed transformation.