



ALEXEI FEST

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Invariant random subgroups and non free actions

Friday, February 6, 2015
CUNY Graduate Center, Room 4102
4:00pm

Abstract:

I will present results concerning characteristic random subgroups in free abelian group and elementary p -group of infinite rank. This will be used to show that hyperbolic groups and some other important groups of geometric nature have many ergodic invariant random subgroups. Also the role of totally non free actions in study of invariant random subgroups will be explain. This will be used to show that branch groups have infinitely many ergodic invariant random subgroups.

Joint work with L. Bowen, R. Kravchenko and A. Dudko.