

Totally non-free actions and invariant random subgroups

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I will start with the definition of totally non-free action and give some examples of such action. Then I will define a space of subgroups of a group, invariant random subgroup and characteristic random subgroup. At the end of the talk I will list some recent results of my collaborators (L.Bowen, M.Benli, A.Dudko, R.Kravchenko, K.Medynets, T.Nagnibeda) and mine concerning the introduced notions.