

Group compactifications and Ramsey-type phenomena

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In this talk, I will illustrate how the existence of fixed points in certain group compactifications allows to derive various combinatorial results of Ramsey-type, in the spirit of [1].

- [1] A. S. Kechris, V. G. Pestov, and S. Todorcevic, *Fraïssé limits, Ramsey theory, and topological dynamics of automorphism groups*, *Geom. Funct. Anal.* **15** (2005), no. 1, 106–189

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