

A note on the exterior centralizers and the probability of commuting pairs

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In memory of Ralph Kopperman

Abstract. We show two structural results for the subclass of FC^\wedge -groups, belonging to the well-known class of groups with finite conjugacy classes (i.e., FC -groups). We focus on linear FC^\wedge -groups and on the notion of exterior centralizer in the non-abelian exterior square of groups. Final comments show the relevance of FC^\wedge -groups and FC -groups in the theory of commuting probabilities of topological groups.

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