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NEW RESULTS CONCERNING C-GROUPS

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Abstract of Talk: C-Groups are defined to be groups whose center has more generators than the group itself. We will give examples of such groups and then continue on to the specific case of p -groups, and use this case to show that there is no relationship between the generators of the group and of the center. Time allowing, we will also briefly examine ways in which homological algebra can help us to construct C-Groups. This talk is intended for a general audience so no prior knowledge of algebra is assumed.