

On infinite groups with finitely many conjugacy classes

Jan Krempa

University of Warsaw, Poland
jkrempa@mimuw.edu.pl

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We consider here infinite groups with a finite number of conjugacy classes (FNCC-groups). Among results on these groups we give a criterion for a wreath product of FNCC-groups to be an FNCC-group.

Our motivation goes from some results on endomorphisms of $C[G]$ and finite generation of the group $U(C[G])$, where C is a commutative, but not reduced ring, and G is a u.p.-group. The case of $\text{End}_C(C[G])$ and $U(C[G])$ when C is reduced is well understood.

References

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