
Finite groups of outer automorphisms of right-angled Artin groups

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Résumé

For any right-angled Artin group A_G there is a contractible "outer space" O_G on which the outer automorphism group $\text{Out}(A_G)$ acts properly. I will show how the combinatorics of the defining graph G can be used to find a fixed point for the action of a finite subgroup of $\text{Out}(A_G)$, and how such fixed points can give information about finite subgroups of $\text{Out}(A_G)$. This is joint work with Corey Bregman and Ruth Charney.

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