

Seminarium geometrów

www.math.uni.wroc.pl/dgt/

Poniedziałek, 2.10.2017, 14:15

Dawid Kielak (U. Bielefeld)

The smallest quotients of $\text{Out}(F_n)$ and mapping class groups.

Abstract: We will see how the classification of finite simple groups and some representation theory can be used to determine the smallest quotients of $\text{Out}(F_n)$ and mapping class groups. In both cases the smallest non-abelian quotients are obtained by first passing to the automorphism of the abelianisation of, respectively, free and surface groups, and then taking the smallest quotient of the relevant algebraic group.