

SEMINÁRIO DE ÁLGEBRA

Simplicial volume of one-relator groups.

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Zoom

Abstract.

One-relator groups, whose relator is a non-trivial element of the commutator subgroup, admit a fundamental class in second homology. The ℓ^1 -semi-norm of this fundamental class is the simplicial volume of the given one-relator group, which is related to stable commutator length of the relator. In this talk, I will survey recent developments on simplicial volume of one-relator groups and its applications (joint work with Nicolaus Heuer).