



Du
01
AVR.
2023

14h30
-
15h30

SÉMINAIRE BOURBAKI

Clara Löh — Exponential growth rates in hyperbolic groups , after Fujiwara and Sela

IHP
Hermite

INSCRIPTION

A classical result of Jørgensen and Thurston shows that the set of volumes of finite volume complete hyperbolic 3-manifolds is a well-ordered subset of the real numbers of order type w^w ; moreover, they showed that each volume can only be attained by finitely many isometry types of hyperbolic 3-manifolds.

Fujiwara and Sela established a group-theoretic companion of this result: If Γ

is a non-elementary hyperbolic group, then the set of exponential growth rates of Γ is well-ordered, the order type is at least w^w , and each growth rate can only be attained by finitely many finite generating sets (up to automorphisms).

In this talk, I will outline this work of Fujiwara and Sela and discuss related results.

URL de la page : <https://www.ihp.fr/fr/agenda/clara-loh-exponential-growth-rates-hyperbolic-group-after-fujiwara-and-sela>



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HORAIRES

L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.