

Seminarium geometrów

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Hyperbolic and elliptic commensurations

Abstract: A group G is said to commensurate a subgroup H , if for all $g \in G$, $H^g \cap H$ is of finite index in H and H^g , where H^g denotes the conjugate of H by g . The commensuration action of G on H can be studied dynamically. This gives rise to two extreme behaviors: hyperbolic and elliptic. We will discuss what these mean and survey a range of theorems and conjectures in this context, starting with work of Margulis, and coming to the present day.

Streaming via ZOOM:

Meeting ID: 677 2490 5828

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