Seminário de Álgebra

Finite-volume hyperbolic 3-manifolds are almost determined by their finite quotient groups .

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14:30 Horas

Zoom

Abstract.

In this talk, I will outline a proof for showing that the profinite completion of the fundamental group determines finite-volume hyperbolic 3-manifolds up to finitely many possibilities. As one of the main steps, I will explain why the Thurston norm on the first (real) cohomology is determined by the completion.