



Mathematisches Kolloquium

Am Donnerstag, 16.10.2008, 16:30 Uhr, M5, spricht

Jason Behrstock

über das Thema

“Geometry and rigidity of mapping class groups“

Abstract:

We will discuss the geometry of the mapping class group and applications to quasi-isometric rigidity. This will include the recent result that any quasi-isometry of the mapping class group is a bounded distance away from an isometry induced by left multiplication. This has the consequence that any finitely generated group which is quasi-isometric to the mapping class groups is, up to finite groups, isomorphic to it. This talk will be accessible to a broad mathematical audience and will include a survey of the background and history of these results.

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