Seminário de Álgebra

Distinguishing certain triangle groups by their finite quotients.

Alan Reid

Department of Mathematics, Rice University
Houston, USA

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Zoom

Abstract.

We prove that certain arithmetic Fuchsian triangle groups are profinitely rigid in the sense that they are determined by their set of finite quotients amongst all finitely generated residually finite groups. Amongst the examples is the (2,3,8) triangle group.