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3-manifolds everywhere

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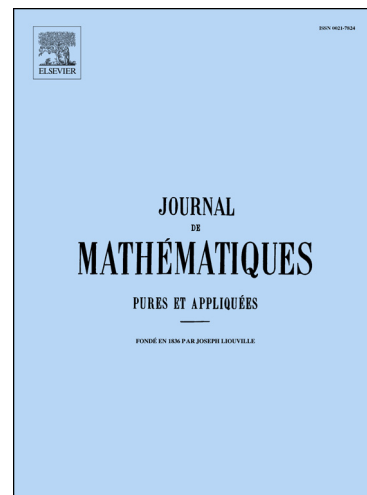
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3-Manifolds Everywhere

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Abstract

A random group contains many subgroups which are isomorphic to the fundamental group of a compact hyperbolic 3-manifold with totally geodesic boundary. These subgroups can be taken to be quasi-isometrically embedded. This is true both in the few relators model, and the density model of random groups (at any density less than a half).

Keywords: random groups, 3-manifolds, Kleinian groups, acylindrical, hyperbolic groups, subgroups

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