

Some non-virtually torsion-free lattices in products of trees and right-angled buildings

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Abstract

In this talk I will construct the first examples of non-virtually torsion-free cocompact lattices in a product of two trees. If time permits I will explain how to use a functor theorem of Anne Thomas to promote these to non-virtually torsion-free cocompact lattices in a product of right-angled buildings.

Keywords: Lattices, non-positive curvature, right-angled buildings, products of trees
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