

Gelbrich, Götz

Self-similar periodic tilings on the Heisenberg group. (English) Zbl 0829.22018
J. Lie Theory 4, No. 1, 31-37 (1994).

Let G be the Heisenberg Lie group. The author constructs a tiling on G , so that the discrete cocompact subgroup consisting of all elements of G with integral coordinates, acting on G by left multiplication, acts freely and transitively on the set of tiles.

Reviewer: [N.A.Soare \(București\)](#)

MSC:

[22E40](#) Discrete subgroups of Lie groups
[53C20](#) Global Riemannian geometry, including pinching

Cited in **3** Documents

Keywords:

[self-similar periodic tilings](#); [Heisenberg Lie group](#); [tiling](#)

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