
The integral homology of PSL_2 of imaginary quadratic integers of class number two

TUE/P3
16:30–16:50

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We calculate the integral homology of the non-Euclidean Bianchi groups $\mathrm{PSL}_2(\mathcal{O}_{\mathbb{Q}[\sqrt{-m}]})$ for $m = 5, 6, 10, 13$ and 15 , making essential use of an equivariant cellular decomposition of a retract of hyperbolic three-space due to Flöge. [arXiv:0903.4517v6](https://arxiv.org/abs/0903.4517v6) [math.KT]

The first named author is supported by a research grant of the Ministère de l'Enseignement Supérieur et de la Recherche, and partially supported by DFH-UFA grant CT-26-07-I and by a DAAD (German Academic Exchange Service) grant.

The second named author was supported by a GK Gruppen und Geometrie post-doctoral fellowship of the DFG.