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Please use this identifier to cite or link to this item: http://hdl.handle.net/123456789/2244 Title: TEST MAP AND DISCRETENESS IN SL(2, $\mathbb H$) Authors: Gongopadhyay, Krishnendu (/jspui/browse? type=author&value=Gongopadhyay%2C+Krishnendu) Keywords: Discrete Subgroup Triangle Group **Fundamental Domain** Issue Date: 2018 Publisher: Cambridge University Press Citation: Glasgow Mathematical Journal, 61(3), pp. 523-533 Abstract: Let H, be the division ring of real quaternions. Let SL(2, H) be the group of 2×2 quaternionic matrices with quaternionic determinant det A = |ad -aca-1b| = 1. This group acts by the orientation-preserving isometries of the five-dimensional real hyperbolic space. We obtain discreteness criteria for Zariski-dense subgroups of SL(2, H). Description: Only IISERM authors are available in the record. URI: https://www.cambridge.org/core/journals/glasgow-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-map-and-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-journal/article/test-mathematical-joudiscreteness-in-sl2/D34E3868870A33DBD1AE6CE9A58A68E6 (https://www.cambridge.org/core/journals/glasgow-mathematical-journal/article/test-map-anddiscreteness-in-sl2/D34E3868870A33DBD1AE6CE9A58A68E6) http://hdl.handle.net/123456789/2244 (http://hdl.handle.net/123456789/2244) Appears in Research Articles (/jspui/handle/123456789/9)

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