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Title:	Algebraic Characterization of isometries of the hyperbolic 4-space
Authors:	Gongopadhyay, Krishnendu (/jspui/browse?type=author&value=Gongopadhyay%2C+Krishnendu)
Keywords:	Hyperbolic 4-space Classification of isometries Quaternions
Issue Date:	2012
Citation:	Geometry 2012, Article ID 757489.
Abstract:	We classify isometries of the real hyperbolic H^4 -space by their conjugacy classes of centralizers. We use the representation of the isometries by 2×2 quaternionic matrices to obtain this characterization. Another characterization in terms of conjugacy invariants is also obtained as an appendix to our earlier work.
URI:	https://www.hindawi.com/journals/isrn/2012/757489/ (https://www.hindawi.com/journals/isrn/2012/757489/) 10.5402/2012/757489 (10.5402/2012/757489)
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