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Title:	Classification of quaternionic hyperbolic isometries
Authors:	Gongopadhyay, Krishnendu (/jspui/browse?type=author&value=Gongopadhyay%2C+Krishnendu) Parsad, Shiv (/jspui/browse?type=author&value=Parsad%2C+Shiv)
Keywords:	Complex numbers Quaternions Hyperbolic
Issue Date:	2013
Publisher:	American Mathematical Society
Citation:	Conformal Geometry and Dynamics, 17(7), pp.68-76.
Abstract:	Let F denote either the complex numbers C or the quaternions H . Let $H_n F$ denote the n -dimensional hyperbolic space over F . We obtain algebraic criteria to classify the isometries of $H_n F$. This generalizes the work in Geom. Dedicata 157 (2012), 23–39 and Proc. Amer. Math. Soc. 141 (2013), 1017–1027, to isometries of arbitrary dimensional quaternionic hyperbolic space. As a corollary, a characterization of isometries of $H_n C$ is also obtained.
URI:	https://www.ams.org/journals/ecgd/2013-17-07/S1088-4173-2013-00256-7/ (https://www.ams.org/journals/ecgd/2013-17-07/S1088-4173-2013-00256-7/) http://hdl.handle.net/123456789/2920 (http://hdl.handle.net/123456789/2920)
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