

TOPOLOGY SEMINAR

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Quasi-Kleinian groups

Tuesday, May 21st, 4:00pm, in 383-N

Abstract: We say that a geometrically finite, discrete group of isometries of n -dimensional hyperbolic space, whose limit set is homeomorphic to the 2-sphere is called a quasi-Kleinian group. We describe an ongoing work with Ursula Hamenstädt that aims to show that every quasi-Kleinian group is a quasiconformal deformation of a Kleinian group, which in particular would prove an important special case of the Cannon conjecture.