

Geometry Seminar

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Wednesday March 20, 2013

4:00 pm

HH-3013.

Subgroups of Hyperbolic Groups

Abstract:

Are all subgroups of hyperbolic groups necessarily hyperbolic?

In 1994, Steve Gersten answered this question for groups of cohomological dimension 2. I will begin by defining hyperbolic groups, followed by a discussion on how Gersten's theorem relates to the Eilenberg-Ganea conjecture, as well as my current research.