



Algebra/Topology Seminar

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HYPERBOLIC ACTIONS OF THOMPSON'S GROUP F

Thursday, April 11, 2024

3:00 p.m. in BB-B010

ABSTRACT. Thompson's group F is, in some sense, as far from being a hyperbolic group as possible. In joint work with Sahana Balasubramanya and Francesco Fournier-Facio, we prove that F nonetheless admits a tremendous number of different actions on hyperbolic spaces. This is in contrast to the other classical Thompson's groups, T and V , which admit no interesting actions whatsoever on hyperbolic spaces.