

ABSTRACT:

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Cannon and relatives

The Cannon Conjecture states that a hyperbolic group with 2-sphere boundary is virtually the fundamental group of a hyperbolic 3-manifold. We'll state a relative version of this conjecture, and sketch a proof that it is equivalent to the usual Cannon conjecture. The proof uses new theorems relating the boundary of a relatively hyperbolic group to the boundaries of its Dehn fillings.