

THE DEHN FUNCTION OF THOMPSON' S GROUP T

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Abstract:

Thompson' s groups, introduced by Thompson in 1965, have had a lot of attention in the recent years. Being finitely presented, a natural question is to compute their Dehn function. All three groups are conjectured to have quadratic Dehn function; this conjecture was confirmed for Thompson' s group F by Guba in 2006. During this talk, we show how to deduce from Guba' s result that Thompson' s group T has a quadratic Dehn function as well.