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Ronghui Ji* (ronji@math.iupui.edu), Department of Mathematical Sciences, IUPUI, 402 N. Blackford Street, Indianapolis, IN 46202-3216, and **Crichton Ogle** and **Bobby Ramsey**. *The ℓ^1 -Strong Bass Conjecture for semi-hyperbolic groups.*

Using rapid decay algebras over a discrete group G and cyclic cohomology theory, we prove that the ell^1 -strengthened Bass Conjecture for topological K-theory of the $ell^1(G)$ is true for a large class of discrete groups. (Received August 05, 2015)