

1021-57-236

**Kenneth Bromberg\*** (bromberg@math.utah.edu), Dept. of Math., U of UT, 155 S 1400 E, JWB 233, Salt Lake City, UT 84112, and **Jeffrey Brock**. *Bounded length curves in hyperbolic 3-manifolds.*

Let  $M$  be a hyperbolic 3-manifold homotopy equivalent to a surface  $S$ . Minsky has show that given two bounded length curves  $\alpha$  and  $\beta$  in  $M$  that are a bounded distance apart in  $M$  then there is a bound on the distance between  $\alpha$  and  $\beta$  in the curve complex for  $S$ . Here we are assuming that  $\alpha$  and  $\beta$  are homotopic to simple closed curves on  $S$ . We will describe an alternative proof of this result and mention some of its applications. (Received September 06, 2006)