1033-51-233   **Matt C Bainbridge*** (`mcb@math.uchicago.edu`), Department of Mathematics, University of Chicago, 5734 S. University Avenue, Chicago, IL 60637. *Billiards in L-shaped tables with barriers.*

I'll discuss some calculations of volumes of some moduli spaces of translation surfaces. As an appliecation, we obtain an asymptotic formula for counting closed billiards paths on certain L-shaped tables with barriers. (Received September 11, 2007)