Alejandro Uribe* (uribe@umich.edu), Department of Mathematics, 2074 East Hall, 530 Church Street, Ann Arbor, MI 48109-1043. Some applications of the trace formula on orbifolds to the inverse spectral problem. Preliminary report.

I will discuss some applications of the trace formula on orbifolds to the inverse spectral problem. (Received September 21, 2009)