1056-58-1289   **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)