984-57-225   **Richard Randell*** (`randell@math.uiowa.edu`), Department of Mathematics, University of Iowa, Iowa City, IA 52242. *Cell structures for arrangements.* Preliminary report.

Recently D. Cohen, G. Denham and A. Suciu gave examples of finite cyclic covers of affine line arrangements possessing torsion in the first homology group. In this talk we will examine these and related examples as explicit CW-complexes, with a view toward determining the likelihood of homology torsion in actual Milnor fibers associated to arrangements. (Received January 22, 2003)