1151-57-232 **Jonathan Bowden** and **Kathryn Mann\*** (`k.mann@cornell.edu`). *Stability of boundary actions and applications.*

The fundamental group of a compact, negatively curved manifold acts naturally on the visual boundary of the universal cover of the manifold (or the Gromov boundary of the group). We show that these actions are structurally stable: any nearby action of that group by homeomorphisms of the sphere is semionjugate to the original action. I'll sketch the strategy of the proof, and, if I have time, explain stronger results we get with the same methods for certain 3-manifold actions on the circle, and how we use these to construct new examples of inequivalent Anosov flows. (Received August 19, 2019)