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Sam V Eastridge* (seastri@vt.edu), 208 Miller St., Christiansburg, VA 24073, and **Peter Linnell**. *First l^p Cohomology of Some Infinite Groups*. Preliminary report.

In this talk I will consider some common results about l^p cohomology for finitely generated groups, and see which of these results also apply for uncountable groups G . Many of the results do not hold even for the countably generated case. In particular, I intend to give some explanation as to the reason why even though the space $H^1(G, l^p(G))$ is not even Hausdorff for G an infinite, amenable, finitely generated group, it vanishes for some (and perhaps all) uncountable amenable groups. I also intend to discuss the injectivity of some maps between cohomology groups, as well as look at some results on first cohomology groups with coefficients in $c_0(G)$ and $l^\infty(G)$. (Received September 13, 2016)