1063-55-84 **Philip Hackney*** (`hackney@math.ucr.edu`). *Operations in the Homology Spectral Sequence of a Cosimplicial Iterated Loop Space.*

We construct operations in the mod 2 homology spectral sequence associated to a cosimplicial E_{n+1}-space X. This spectral sequence abuts to the mod 2 homology of $\text{Tot}(X)$, and our operations agree with the usual Araki-Kudo operations there. Jim Turner proved that operations exist in the spectral sequence of cosimplicial E_{∞}-spaces, but our construction is different than his and it is not known whether the operations agree. (Received August 06, 2010)