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**THANG LE\*** (letu@math.gatech.edu). *Growth of homology in finite abelian coverings.*

We will discuss the growth of (i) the torsion of homology groups and (ii) the regulator, which measures the volume of the free part of the homology group, in finite abelian coverings of a finite CW-complex. (Received August 21, 2013)