

1014-55-1256      **Atish Mitra\*** ([ajmitra@math.utk.edu](mailto:ajmitra@math.utk.edu)), 121 Ayres Hall, 1403 Circle Drive, Knoxville, TN  
37996-1300. *Cohomological dimension with respect to nonabelian groups.*

Cencelj and Dranishnikov studied the cohomological dimension of compact metric spaces with respect to nilpotent groups. We examine the same problem for solvable groups. We also explore some aspects of cohomological dimension of (non compact) metric spaces with respect to nilpotent groups. (Received September 27, 2005)