1030-37-241   **Radu Saghin*** (`rsaghin@math.utoronto.ca`), Mathematics Dept., Univ. of Toronto, 40 St. George St., Toronto, Ontario M5S2E4, Canada. *Homology of Invariant Foliations.*

We discuss the homologies that can be associated to an invariant foliation and applications to partially hyperbolic diffeomorphisms. (Received August 04, 2007)