

1078-19-296

Guoliang Yu* (guoliang.yu@vanderbilt.edu), Department of Mathematics, Vanderbilt University, 1326 Stevenson Center, Nashville, TN 37240. *Algebraic K-theory of group algebras*. Preliminary report.

In this talk, I will discuss the computation of algebraic K-theory for group algebras and its applications to topology of manifolds and higher index theory of elliptic operators. This talk is partly based on joint work with Rufus Willett. (Received December 12, 2011)