

1108-22-562

William Graham* (wag@math.uga.edu) and **Victor Kreiman** (kreiman@uwp.edu).

Equivariant K -theory and cohomology for Schubert varieties in non-cominuscule flag varieties. Preliminary report.

Let G be a complex semisimple algebraic group and X a generalized flag variety for G . If X is of cominuscule type, in previous work, we have obtained combinatorial formulas for pullbacks of classes of Schubert varieties in equivariant K -theory, with applications to multiplicities and Hilbert series. In this talk we will discuss extensions of this work beyond the setting of cominuscule flag varieties. (Received January 20, 2015)