

1154-22-1686

William Graham* (wag@uga.edu) and **Victor Kreiman*** (kreiman@uwp.edu). *Equivariant
 K -theory and tangent spaces to Schubert varieties.*

We study the weights of the action of a maximal torus T on the tangent space to a Schubert variety at a T -fixed point, using the formulas for the restriction of K -theoretic classes of Schubert varieties to fixed points. Our results are uniform across types. When applied to Schubert varieties in cominuscule flag varieties, our result gives a uniform description of the weights of the tangent spaces. (Received September 16, 2019)