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)