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William Graham* (wag@uga.edu) and **Victor Kreiman*** (kreiman@uwp.edu). *Cominuscule points in Schubert varieties.*

Cominuscule flag varieties (for example, Grassmannians) have the property that multiplicities and Hilbert series of torus-invariant subvarieties (such as Schubert varieties) at torus fixed points can be calculated using equivariant cohomology and K -theory. We introduce the notion of cominuscule points in varieties with torus actions, and show how this notion applies to calculate multiplicities and Hilbert series at certain points of Schubert varieties in more general flag varieties. We also describe some of the associated combinatorics. (Received September 20, 2016)