1048-14-324 **Benjamin F Jones*** (`bjones@math.uga.edu`). *Computing Singular Chern Classes and Related Invariants for Schubert Varieties in a Grassmannian.*

We describe how various types of singular Chern classes and related invariants may be computed in the case of Schubert varieties in a Grassmannian. The main tool is Zelevinsky's small resolution of singularities construction. In particular, we describe the computation of Chern-Schwartz-MacPherson classes, Chern-Mather classes, and the local Euler obstruction. (Received February 10, 2009)