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**Benjamin F Jones\*** (bjones@math.uga.edu), Department of Mathematics, University of Georgia, Athens, GA 30602-7403. *Singular Chern classes for Schubert Varieties via Small Resolution.*

For the Schubert Varieties in the Grassmannian, we describe how various notions of singular Chern class and related invariants may be computed. The main tool is Zelevinsky's small resolution of singularities construction. In particular, we describe the computation of the Chern-Schwartz-MacPherson class, the Chern-Mather class, and the local Euler obstruction. (Received February 05, 2008)