1031-05-122   **Catalin Zara*** (`czara@math.umb.edu`), Department of Mathematics, 100 Morrissey Boulevard, Boston, MA 02125. *A New Proof of a Positive Formula for Equivariant Schubert Classes.*

For a permutation $u \in S_n$, the equivariant Schubert class $\mathfrak{S}_u$ is determined by its values at the permutations v that are above u in the Bruhat order. For such v, the restriction $\mathfrak{S}_u(v)$ is a polynomial with nonnegative integer coefficients in the simple roots, and a positive formula for $\mathfrak{S}_u(v)$, as a sum of monomials in positive roots, has been proved by Billey. The main result of this presentation is a new proof of Billey's positive formula, obtained by applying a degeneration technique to a recent formula of Goldin and Tolman. (Received August 07, 2007)