

Meeting: 1007, Santa Barbara, California, SS 14A, Special Session on Algebraic Geometry and Combinatorics

1007-14-64 **V Lakshmibai*** (lakshmibai@neu.edu), Northeastern University, Mathematics Department, 360, Huntington Ave, Boston, MA 02115, and **K N Raghavan** and **P Sankaran**. *Equivariant Schubert Classes*.

We compute a Schubert class as an element in the T-equivariant cohomology ring of the Grassmannian variety. As a consequence, we obtain an equivariant Giambelli formula expressing an equivariant Schubert class as a determinant whose entries involve the equivariant classes of the special Schubert varieties. The equivariant Giambelli formula specializes to the usual Giambelli formula. (Received January 28, 2005)