1120-05-199   **Anna Weigandt*** (`weigndt2@illinois.edu`), 1409 W. Green St, Urbana, IL 61801, and **Alexander Yong** (`ayong@illinois.edu`), 1409 W. Green St, Urbana, IL 61801. *The Prism tableau model for Schubert Polynomials.*

The Schubert polynomials lift the Schur basis of symmetric polynomials into a basis for $\mathbb{Z}[x_1, x_2, \ldots]$. We suggest the "prism tableau model" for these polynomials. This alternative to earlier results directly invokes semistandard tableaux; it does so as part of a colored tableau amalgam. In the Grassmannian case, a prism tableau with colors ignored is a semistandard Young tableau. Our arguments are developed from the Gröbner geometry of matrix Schubert varieties. We also describe a new class of prism tableaux which model multidegrees of ideals associated to alternating sign matrices. (Received February 22, 2016)