

1131-05-321      **Anna Weigandt\*** ([weigandt2@illinois.edu](mailto:weigandt2@illinois.edu)). *Prism tableaux for alternating sign matrix varieties*. Preliminary report.

Alternating sign matrix varieties are defined by determinantal conditions. They generalize matrix Schubert varieties. The multidegree of an ASM variety is a multiplicity free sum of Schubert polynomials. We give a combinatorial formula for this multidegree as a generating series over prism tableaux. Each prism tableau is simply an overlay of semistandard tableaux. This extends joint work with A. Yong. (Received July 17, 2017)