

1127-05-374      **Russ Woodroffe\*** ([rwoodroffe@math.msstate.edu](mailto:rwoodroffe@math.msstate.edu)). *Arrangements and the independence polynomial*. Preliminary report.

I'll show how to construct a subspace arrangement which encodes the independence polynomial of a graph  $G$ . I'll discuss possible applications to unimodality questions. (Received February 07, 2017)