

1121-05-11

**Olivier E. Bernardi\*** ([bernardi@brandeis.edu](mailto:bernardi@brandeis.edu)), Brandeis University, 415 South Street,  
Waltham, MA 02453. *Bijections for the deformations of the braid arrangement.*

We consider real hyperplane arrangements such that all the hyperplanes are of the form  $x_i - x_j = s$  for some integer  $s$ . Classical examples include the braid, Catalan, Shi, semiorder and Linial arrangements, as well as graphical arrangements.

In this talk we will present enumerative results and bijections for the regions of such arrangements. (Received June 15, 2016)