1125-14-1263 **Allen Knutson*** (`allenk@math.cornell.edu`). *The cyclic Bruhat decomposition of flag manifolds.*

The positroid stratification on the Grassmannian arises in many ways (from positive real, or characteristic p, or Poisson geometry) that generalize to give the Richardson stratification on the flag manifold. The way that doesn't generalize similarly is to see the positroid stratification as the common refinement of the n cyclic shifts of the Bruhat decomposition. I'll describe the corresponding decomposition on the full flag manifold GL_n/B – which, unfortunately, is *not* a stratification – and give some evidence that the strata are smooth and irreducible of predictable dimension. (Received September 15, 2016)