

1158-20-121

Noah White* (noah@math.ucla.edu). *Schubert intersections and tableaux.*

The Littlewood-Richardson numbers famously count many different objects. Two classical examples are points in intersections of Schubert varieties in Grassmannians and certain tableaux. A natural question is whether one can label the points in the intersection of Schubert varieties by tableaux in some canonical way. I will explain exactly what this means, and a simple procedure to give such a labelling. I will also explain how this labelling arises from the representation theory of the symmetric group. (Received February 26, 2020)