
CAROLINA BENEDETTI, York University
Schubert polynomials and k -Schur functions

In this talk we study operators associated to the graph on dual k -Schur functions given by the affine grassmannian order. These operators are analog to the ones given in the r -Bruhat order by Bergeron-Sottile. This allows us to understand combinatorially the multiplication of a Schubert polynomial by a Schur function from the multiplication in the space of dual k -Schur functions. (Joint work with Nantel Bergeron).