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(Co)minuscule Schubert calculus

I will discuss a root system uniform, concise combinatorial rule for Schubert calculus of minuscule and cominuscule flag varieties G/P , generalizing Schützenberger's jeu de taquin formulation of Schubert calculus in type A . I will spend some time discussing the underlying tableau combinatorics of cominuscule dual equivalence, which extends a concept introduced by Haiman. I will also give a conjecture for K -theory in the minuscule types.

This is all joint work with Alex Yong.