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Branching in Schubert calculus

Usual Schubert calculus problems concern multiplication, i.e. the pullback in cohomology along inclusion of a diagonal. Another natural map to study is the pullback of the inclusion of $\mathrm{Sp}(2n)$ into $\mathrm{GL}(2n)$, in equivariant cohomology of the corresponding Grassmannians. I will present a puzzle rule which describes where this map takes Schubert classes, as well as an extension to cotangent bundles using Lagrangian correspondences between symplectic resolutions, and Maulik-Okounkov classes. This is joint work with Allen Knutson and Paul Zinn-Justin.