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Jeu de taquin for equivariant cohomology of Grassmannians

In this talk, I will present an approach to the problem of calculating Littlewood-Richardson coefficients for the equivariant cohomology ring of a Grassmannian. This approach is based on a *jeu de taquin* procedure which applies to what we call *equivariant tableaux*, which are Young tableaux in which labels are also permitted to appear on horizontal edges of boxes of the tableau, and well as within the boxes.

This is joint work with Alex Yong.