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Mather classes of Schubert varieties via small resolutions

The Chern-Mather class is a characteristic class, generalizing the Chern classes of tangent bundles of nonsingular varieties to singular varieties. It uses the Nash-blowup for singular varieties instead of the tangent bundles. In this talk, we consider Schubert varieties, known as singular varieties in most cases, in the even orthogonal Grassmannians and discuss the work computing the Chern-Mather classes of the Schubert varieties by the use of the small resolutions of Sankaran and Vanchinathan with Jones' technique. We also describe the Kazhdan-Lusztig class of Schubert varieties in Lagrangian Grassmannians, as analogous results if time permitted.