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Generalized Equivariant Cohomology and Stratifications II

This will be the second of two presentations on Generalized Equivariant Cohomology and Stratifications, and it will build upon the foundation developed in the first presentation. We will give a framework for computing generalized T-equivariant cohomology on a T-space arising as the direct limit of smooth complex projective $T_{\mathbb{C}}$-varieties, each having finitely many T-fixed points. We will then perform this computation in the context of a specific example, namely the affine Grassmannian of a complex semisimple group G. This joint work with Tyler Holden.