

# Generalized equivariant cohomology theory of weighted Grassmanns

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Weighted Grassmanns were discussed by Corti and Reid (2020) as a generalization of Grassmanns. They are projective varieties with orbifold singularities. In 2014 Abe and Matsumura defined them explicitly and studied their equivariant cohomology. In this talk I'll give an equivalent definition of weighted Grassmanns and compute their generalized equivariant cohomology with integer coefficients. This is a joint work with Koushik Brahma.