

Homology of affine Grassmannian and quantum cohomology

Friday 8 February 2019 09:30 (1 hour)

Let G be a complex reductive group, and X be a smooth projective G -variety. We will construct an algebra homomorphism from the homology of the affine Grassmannian Gr_G to the G -equivariant quantum cohomology of X . The construction uses shift operators in quantum cohomologies. Joint work with Alexander Braverman.

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