

BK Special Lecture Series in Geometry

Loop Group Action on Symplectic Cohomology

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1월 5일 (금) 과학관 225호

Lecture I 15:00 - 16:15

Lecture II 16:30 - 17:45

1월 8일 (월) 과학관 225호

Lecture III 16:00 - 17:30

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For a compact Lie group G , its massless Coulomb branch algebra is the G -equivariant Borel-Moore homology of its based loop space. This algebra is the same as the algebra of regular functions on the BFM space. In this lecture series, we will explain how this algebra acts on the equivariant symplectic cohomology of Hamiltonian G -manifolds when the symplectic manifolds are open and convex. This is joint work with Eduardo González and Dan Pomerleano.

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