

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

On some invariants of orbits in the flag variety under a symmetric subgroup

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Abstract

Let G be a complex connected reductive algebraic group and let K be a symmetric subgroup of G . We associate to every K -orbit on the flag variety of G a subset of the Weyl group of G and study some of its properties. Time permitting, we will give some applications to Poisson geometry.

Date: November 4, 2010 (Thursday)

Time: 3:00 – 4:00pm

Place: Room 210, Run Run Shaw Bldg., HKU

All are welcome