THE UNIVERSITY  OF HONG KONG

Institute of Mathematical Research
Department of Mathematics

GEOMETRY SEMINAR

Closed orbits of real forms on rational homogeneous spaces and geometric structures defined by minimal rational curves

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Abstract

Let G/P be a rational homogeneous space of Picard number 1, where P is a maximal parabolic subgroup of a complex simple lie group G. The objects we are interested in are holomorphic mappings preserving the closed orbit of the action of some real form G_0 of G. We will try to explain how the rigidity of these mappings can be related to the geometric structure on G/P defined by their minimal rational curves.

Date:	August 3, 2016 (Wednesday)
Time:	4:00 – 5:00pm
Place:	Room 210, Run Run Shaw Bldg., HKU

All are welcome