



*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

Nilpotent orbit closures

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Abstract

We will investigate the problem of existence and birational geometry of symplectic resolutions for nilpotent orbit closures. In the case of non-existence, we will look for its Q -factorial terminalizations. As an application, we will give an approach to determine the minimal singularities of nilpotent orbit closures in exceptional Lie algebras.

Date: November 24, 2009 (Tuesday)

Time: 2:00 - 4:00pm

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

All are welcome