



# Daniel Juteau

## Cohomology of the minimal class

**TIME:**

18 Dec 2006, 16:00 - 18:00

**LOCATION:**

FU-Berlin, Institut für Mathematik  
Arnimallee 3, Rm. 119

Let

be a complex simple Lie group. There is a minimal non trivial nilpotent orbit in the Lie algebra of . We compute its integral cohomology, using a spectral sequence where a Cartan matrix appears, corresponding to the subrootsystem generated by the long simple roots. This should be related to the modulo reduction of the Springer correspondent representation.

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