

Algebra/Topology Seminar

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TORSION OF CHOW GROUPS OF TWISTED FLAG VARIETIES

Thursday, October 15, 2015
1:15 p.m. in ES-143

ABSTRACT. I will recall the notion of twisted flag varieties. For linear algebraic groups of type A_n or C_n , such varieties have torsion free Chow groups. For algebraic groups of type B_n or D_n , it is already known that the torsion part of Chow groups of flag varieties are killed by certain powers of 2. I give an upper bound of the annihilator of the torsion part of Chow groups of such varieties. This upper bound does not depend on the rank n .