

1125-17-2478      **Eric N Sommers\*** ([esommers@math.umass.edu](mailto:esommers@math.umass.edu)). *Functions on nilpotent orbit covers.*

We discuss a method to calculate the  $G$ -module of regular functions on covers of even nilpotent orbits. The proof involves new results on the cohomology of line bundles on the cotangent bundle of a partial flag variety. (Received September 20, 2016)