

1056-20-867

Jon F Carlson* (jfc@math.uga.edu), Department of Mathematics, University of Georgia, Athens, GA 30602, and **Eric M Friedlander** and **Julia Pevtsova**. *Bundles and submodule functors*. Preliminary report.

In this talk we consider generic constructions of submodule and their relations to modules of constant Jordan type over finite group schemes. The submodule constructions are functorial and construct submodules that can be used to define bundles over projective spaces and Grassmanians. This is work in progress. (Received September 18, 2009)