

## Jet bundles on grassmannians and flag varieties

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I will discuss the structure of the  $k$ 'th order jet bundle  $J_k(E)$  of an  $SL(V)$ -linearized vector bundle  $E$  on a flag variety  $SL(V)/P$  where  $V$  is a complex finite dimensional vector space. The classification is given in terms of  $P_s$ -modules. Here  $P_s$  is the semi simplification of the parabolic subgroup  $P$ .