1077-34-727   **Camilo Sanabria*** (`camilo.sanabria@bcc.cuny.edu`), Department of Mathematics and Computer Sc., CUNY Bronx Community College, 2155 University Ave. CPH 121, Bronx, NY 10453. *Reductive connections and Ruled surfaces.*

We consider a meromorphic connection with reductive Galois group over a compact Riemann Surface. In this setting, we take the projective bundle defined by the symmetric algebra of rational first integrals. Using a result of E. Compoint and of M. Singer we prove that this projective space bundle is a ruled surface that characterizes the class of projectively equivalent connections up to rational pullback. (Received September 11, 2011)