1116-14-1991   **David R Morrison*** (`drm@math.ucsb.edu`). *Elliptic curves over function fields and algebraic groups.* Preliminary report.

A construction from physics associates an algebraic group to every elliptic curve over a function field in characteristic zero. We will explain this construction, and explore the possibility of a similar construction in the arithmetic case. (Received September 21, 2015)