

1096-57-1475 **Adam S Sikora*** (asikora@buffalo.edu), 244 Math Bldg, University at Buffalo, SUNY, Buffalo, NY 14260. *Towards coordinate systems on G-character varieties of surfaces*. Preliminary report.

We will construct a natural family of algebraically independent functions on G-character varieties of closed surfaces for all simple reductive groups G. We will discuss our work towards extending them to coordinate systems on these character varieties. (Received September 15, 2013)