

1096-57-2321      **Kate Petersen\*** ([petersen@math.fsu.edu](mailto:petersen@math.fsu.edu)). *Invariants of Character Varieties.*

The  $SL(2, \mathbb{C})$  character variety of a finite volume hyperbolic 3-manifold is a complex variety, which encodes information about the deformation of the hyperbolic structure of the manifold. I will discuss how some natural invariants of these sets are informed by the topology of the underlying manifold. (Received September 17, 2013)