1167-16-239   **Cody Matthew Gilbert*** (`gmcody@uiowa.edu`), 611 South Van Buren Sreet, Iowa City, IA 52240. *Moduli of Representations of Algebras.* Preliminary report.

I will discuss work in progress with regards to understanding moduli of representations of algebras. Moduli of representations or algebras arise from GIT quotients of semi-stable representation varieties induced by the action of the projective general linear group and serve as solutions to the classification problem of semi-stable representations up to composition factor-equivalent representations in the abelian category of semi-stable representations. (Received March 08, 2021)