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Maxime Bergeron* (mbergeron@math.uchicago.edu), Department of Mathematics, University of Chicago, 5734 S. University Avenue, Chicago, IL 60637. *The Topology of Representation Varieties.*

I will discuss aspects of the topology and arithmetic of the space $\text{Hom}(H, G)$ of homomorphisms from a finitely generated group H into a reductive linear algebraic group G (e.g. a special linear group). (Received February 01, 2017)