

1086-20-2324 **Marcos Zyman*** (mzyman@bmcc.cuny.edu), Department of Mathematics, 199 Chambers St.,
New York, NY 10007. *Homomorphisms of general linear groups*. Preliminary report.

We study homomorphisms between general linear groups and explore the “size” of the coset space they give rise to. This is a question in group theory motivated by research done by Huale Huang and Joseph Roitberg on the genus and SNT sets of connected covers of one-point unions of spheres. (Received September 25, 2012)