1108-32-215   **Laszlo Lempert*** (`lempert@purdue.edu`). *Representing analytic cohomology groups of complex manifolds.*

I will define a subcomplex of the usual Cech complex to compute cohomology groups of a complex manifold, with values in a holomorphic vector bundle. This has an application to holomorphic group actions on those vector bundles and to the representations induced on cohomology. (Received January 14, 2015)