1131-20-219   **Chris McDaniel*** (`cmcdanie@endicott.edu`). *A GKM description of the equivariant coinvariant ring of a finite reflection group.*

The equivariant cohomology ring of a flag manifold can be described in terms of the invariant theory of the associated Weyl group–this is the so-called equivariant coinvariant ring. GKM theory gives an alternative description of the equivariant cohomology ring in terms the torus orbit structure on the flag manifold. In this talk I will describe an algebraic analogue of GKM theory for the equivariant coinvariant ring of an arbitrary finite reflection group. (Received July 15, 2017)