

1125-13-1698 **Luigi Ferraro*** (lferraro2@math.unl.edu). *A class of modules with infinite regularity.*

Let R be the graded ring $k[x_1, \dots, x_n]/I$ where I is a homogeneous ideal of the polynomial ring with the standard grading. If the Castelnuovo-Mumford regularity of k is infinite we are going to construct a class of modules with infinite regularity. (Received September 18, 2016)