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Luigi Ferraro* (luigi.ferraro@huskers.unl.edu). *Modules with infinite regularity.*

Let R be the graded ring $k[x_1, \dots, x_n]/I$ where I is an 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.

If R is a complete intersection we will be able to construct a second class of modules with infinite regularity. (Received February 04, 2017)