

1117-13-459 **Liana M Şega*** (segal@umkc.edu). *Poincaré series of local rings*. Preliminary report.

In recent work with M. Rossi, we showed that the Poincaré series of all finitely generated modules over compressed Gorenstein local rings are rational. Naturally, one can ask what can be said if we remove the hypothesis that the ring is Gorenstein. I will provide some answers in this direction. (Received January 19, 2016)