

1092-18-259

Olgur Celikbas, Lars Winther Christensen, Li Liang and Greg Piepmeyer*
(gpiepmeyer@columbiabasin.edu). *Stable Homology*. Preliminary report.

I will discuss a way to compute stable Tor which immediately and obviously computes Tate Tor when the ring is quasi-Frobenious, and which in general computes Tate Tor when the first module is of finite Gorenstein projective dimension and when Gorenstein projective modules are Gorenstein flat. The latter condition holds, for instance, when the ring is noetherian. (Received August 11, 2013)