

1123-55-219

Agnes Beaudry, Mark Behrens* (mbehren1@nd.edu), **Prasit Bhattacharya, Dominic Culver, Doug Ravenel** and **Zhouli Xu**. *Perspectives on the telescope conjecture*. Preliminary report.

Mahowald-Ravenel-Schick attempted to disprove the telescope conjecture using the localized Adams spectral sequence, and described a very precise hypothesis. I will describe work, with Beaudry-Bhattacharya-Culver-Ravenel-Xu, where we consider what the unlocalized tmf -resolution, and the motivic localized Adams spectral sequence have to say about the telescope. While these tools alone don't seem to resolve the conjecture, they do make the MRS hypothesis eminently believable. (Received August 26, 2016)